Wojewódzki Inspektorat Ochrony Środowiska w Katowicach
Pracownia Analiz Manualnych, Instrumentalnych, Hydrobiologicznych, Mikrobiologicznych oraz Pomiarów Terenowych i Pobierania Próbek w Bielsku-Białej
43-316 Bielsko-Biała, ul. Partyzantów 117; fax: (33) 812-49-30; tel: (33) 812-30-37, (33) 812-44-92
e-mail: bielsko@katowice.pios.gov.pl

SPRAWOZDANIE Z MONITORINGOWEGO POMIARU PÓL ELEKTROMAGNETYCZNYCH nr: 501/2012

Instalacja: Stacja bazowa nr: BT 24432, BBI9001 A, BielskoBiala_54179_Grunwaldzkie;

Miejsce pomiarów: P-2, Bielsko-Biała, Osiedle Grunwaldzkie;

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

Data oraz godzina wykonania pomiarów: 12.09.2012, 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 wielorodzinnej, położonej na Osiedlu Grunwaldzkim w mieście Bielsko-Biała, 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-2 poziomów pól elektromagnetycznych w środowisku zlokalizowano w granicach administracyjnych miasta Bielsko-Biała, na osiedlu Grunwaldzkim przy ul. Tuwima. Zgodnie z obowiązującym Rozporządzeniem wysokość posadowienia sondy pomiarowej wyniosła h: 2 m n.p.t. W najbliższym sąsiedztwie punktu pomiarowego P-2, zagospodarowanie terenu stanowi kilkukondygnacyjna zabudowa mieszkaniowa wielorodzinna, obiekty usługowo-handlowe, budynki biurowe i przemysłowe elektrociepłowni. Najbliższy obiekt budowlany – kilkukondygnacyjny budynek mieszkalny wielorodzinny, oddalony od punktu pomiarowego o około 4 m znajduje się w kierunku północnym. Nieco dalej w kierunkach wschodnim, zachodnim i północnym zlokalizowana jest zabudowa mieszkalna wielorodzinna osiedla Grunwaldzkiego. Za ciągiem ul. Tuwima w odległości 34 i 79 m od P-2 w kierunkach południowym i południowo-wschodnim znajdują się budynki biurowo-socjalne należące do EC Bielsko-Biała.
W promieniu <300 m od P-2 zlokalizowane są 3 instalacje radiokomunikacyjne w postaci stacji bazowych telefonii komórkowych.

Klasyfikacja rodzaju terenu wg wytycznych przedmiotowego Rozporządzenia:

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

Nomenklatura jednostki terytorialnej (NTS):

Bielsko-Biała 5.2.24.44.61.01.1

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

N 49°48'48.0"
E 19°3'06.6";

Wysokość lokalizacji punktu pomiarowego:

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

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

l = 4 [m] - od elewacji budynku mieszkalnego wielorodzinnego przy ul. Tuwima

Lokalizacja punktu pomiarowego – chodnik po północnej stronie ul. Tuwima.

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">12-09-2012 r.
10:08:37–12:08:37</td><td colspan="2">Wyniki pomiarów:</td></tr>
<tr><td>T [°C]</td><td>24,5 – 25,5</td></tr>
<tr><td>RH [%]</td><td>45,0 – 42,5</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 131 m w kierunku południowo-wschodnim od P-2, na dachu budynku elektrociepłowni zlokalizowane są 2 instalacje radiokomunikacyjne – stacje bazowe telefonii komórkowych administrowane przez: POLKOMTEL S.A., P4 Sp. z o.o. i Polską Telefonię Cyfrową Sp. z o.o. W tabelach 2, 3 i 4 przedstawiono wyspecyfikowane parametry instalacji, zebrane na podstawie materiałów uzyskanych od operatorów instalacji.

Tabela 2

<u>Zarządzający instalacją</u>:
POLKOMTEL S.A.

<u>Nazwa instalacji wg nomenklatury użytkownika:</u>
Stacja bazowa nr: BT24432

<u>Lokalizacja:</u>
Bielsko-Biała Tuwima 2 – budynek elektrociepłowni

Lp.	**Azymut** [°]	**Typ anteny**	**Pasmo (system) pracy [MHz]**	**Wysokość zawieszenia H [m] n.p.t.**	**EIRP $_{max}$** [W]
1.	0	Antena sektorowa K 739686/ K 742215	900 (GSM) 2100 (UMTS)	42,3 42,2	1710 1891
2.	120	Antena sektorowa K 739686/ K 742215	900 (GSM) 2100 (UMTS)	42,3 42,2	1723 1916
3.	240	Antena sektorowa K 739686/ K 742215	900 (GSM) 2100 (UMTS)	42,3 42,2	2137 1891

EIRP $_{max}$, łącznie ze wszystkich anten SEKTOROWYCH przedmiotowej instalacji: **11268** [W].

Objaśnienia:

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

Tabela 3

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

Nazwa instalacji wg nomenklatury użytkownika:
Stacja bazowa nr: BBI9001 A Bielsko-Biała

Lokalizacja:
Bielsko-Biała Tuwima 2 – budynek elektrociepłowni

Lp.	Azymut [°]	Typ anteny	Pasmo (system) pracy [MHz]	Wysokość zawieszenia H [m] n.p.t.	EIRP $_{max}$ [W]
1.	0	Antena sektorowa PowerWave 7752	900 (GSM) 2100 (UMTS)	117,0	3367
2.	60	Antena sektorowa K 742 218	2100 (UMTS)	114,0	3034
3.	120	Antena sektorowa PowerWave 7752	900 (GSM) 2100 (UMTS)	114,7	3367
4.	180	Antena sektorowa K 742 218	2100 (UMTS)	114,0	3034
5.	240	Antena sektorowa PowerWave 7752	900 (GSM) 2100 (UMTS)	114,7	3367
6.	300	Antena sektorowa K 742 218	2100 (UMTS)	114,0	3034

EIRP $_{max}$, łącznie ze wszystkich anten SEKTOROWYCH przedmiotowej instalacji: **19203** [W].

Objaśnienia:

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

Tabela 4

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

Nazwa instalacji wg nomenklatury użytkownika:
Stacja bazowa nr: BielskoBiala_54179_Grunwaldzkie

Lokalizacja:
Bielsko-Biała Tuwima 2 – budynek elektrociepłowni

Lp.	Azymut [°]	Typ anteny	Pasmo (system) pracy [MHz]	Wysokość zawieszenia H [m] n.p.t.	EIRP $_{max}$ [W]
1.	80	Antena sektorowa	1800 (DCS) 900 (GSM) 2100 (UMTS)	38,8	501 355 1262
2.	210	Antena sektorowa	1800 (DCS) 900 (GSM) 2100 (UMTS)	38,8	501 355 1262
3.	325	Antena sektorowa	1800 (DCS) 900 (GSM) 2100 (UMTS)	38,8	501 355 1262

EIRP $_{max}$, łącznie ze wszystkich anten SEKTOROWYCH przedmiotowej instalacji: **6 354**[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 5

Lp.	Punkt pomiarowy poziomów pól elektromagnetycznych w środowisku	Natężenie pola elektrycznego E **) [V/m]	Niepewność pomiaru $U_{E\ 0,95}$ [dB]
1.	P-2 ul. Tuwima Osiedle Grunwaldzkie Miasto – Bielsko-Biała	0,39	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:**
……...	…….....	…….....

narda Safety Test Solutions
an L3 Communications Company

Test Report

Załącznik nr 1 do Sprawozdania z badań nr 501/2012

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-2, ul. Tuwima Osiedle Grunwaldzkie Miasto (powiat) - Bielsko-Biała województwo - śląskie	Latitude: 49°48'48.0" N Longitude: 19°3'06.6" E

Comment
Pomiary poziomów pól elektromagnetycznych 100 kHz - 3 GHz (składowej elektrycznej E) w środowisku; 12.09.2012 r., Bielsko-Biała, 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 10:08:37 AM, Period 2h 0' 0", Interval 10s

Index	Date/Time	Zero	Max (E-Field)	Avg (E-Field)	Min (E-Field)
1	09/12/2012 10:08:47 AM		0.4753 V/m	0.4378 V/m	0.4084 V/m
2	09/12/2012 10:08:57 AM		0.4363 V/m	0.4098 V/m	0.3800 V/m
3	09/12/2012 10:09:07 AM		0.4363 V/m	0.4110 V/m	0.3878 V/m
4	09/12/2012 10:09:17 AM		0.4419 V/m	0.4254 V/m	0.4078 V/m
5	09/12/2012 10:09:27 AM		0.4642 V/m	0.4397 V/m	0.4157 V/m
6	09/12/2012 10:09:37 AM		0.4553 V/m	0.4248 V/m	0.3885 V/m
7	09/12/2012 10:09:47 AM		0.4764 V/m	0.4480 V/m	0.4223 V/m
8	09/12/2012 10:09:57 AM		0.4782 V/m	0.4538 V/m	0.4338 V/m
9	09/12/2012 10:10:07 AM		0.4577 V/m	0.4417 V/m	0.4255 V/m
10	09/12/2012 10:10:17 AM		0.4462 V/m	0.4243 V/m	0.3969 V/m
11	09/12/2012 10:10:27 AM		0.4505 V/m	0.4281 V/m	0.4111 V/m
12	09/12/2012 10:10:37 AM		0.4595 V/m	0.4301 V/m	0.4084 V/m
13	09/12/2012 10:10:47 AM		0.4625 V/m	0.4264 V/m	0.3885 V/m
14	09/12/2012 10:10:57 AM		0.4529 V/m	0.4268 V/m	0.3983 V/m
15	09/12/2012 10:11:07 AM		0.4300 V/m	0.4058 V/m	0.3843 V/m
16	09/12/2012 10:11:17 AM		0.4529 V/m	0.4234 V/m	0.3864 V/m
17	09/12/2012 10:11:27 AM		0.4529 V/m	0.4164 V/m	0.3878 V/m
18	09/12/2012 10:11:37 AM		0.4450 V/m	0.4151 V/m	0.3821 V/m
19	09/12/2012 10:11:47 AM		0.4363 V/m	0.4147 V/m	0.3807 V/m
20	09/12/2012 10:11:57 AM		0.4505 V/m	0.4294 V/m	0.3969 V/m
21	09/12/2012 10:12:07 AM		0.4375 V/m	0.4185 V/m	0.3913 V/m
22	09/12/2012 10:12:17 AM		0.4413 V/m	0.4248 V/m	0.4051 V/m
23	09/12/2012 10:12:27 AM		0.4375 V/m	0.4207 V/m	0.3814 V/m
24	09/12/2012 10:12:37 AM		0.4486 V/m	0.4262 V/m	0.3920 V/m
25	09/12/2012 10:12:47 AM		0.4190 V/m	0.3905 V/m	0.3660 V/m
26	09/12/2012 10:12:57 AM		0.4197 V/m	0.4014 V/m	0.3705 V/m
27	09/12/2012 10:13:07 AM		0.4203 V/m	0.4050 V/m	0.3828 V/m
28	09/12/2012 10:13:17 AM		0.4394 V/m	0.4166 V/m	0.3878 V/m
29	09/12/2012 10:13:27 AM		0.4184 V/m	0.3902 V/m	0.3429 V/m
30	09/12/2012 10:13:37 AM		0.4325 V/m	0.4051 V/m	0.3800 V/m
31	09/12/2012 10:13:47 AM		0.4331 V/m	0.4037 V/m	0.3885 V/m
32	09/12/2012 10:13:57 AM		0.4535 V/m	0.4313 V/m	0.3962 V/m
33	09/12/2012 10:14:07 AM		0.4872 V/m	0.4441 V/m	0.3976 V/m
34	09/12/2012 10:14:17 AM		0.4793 V/m	0.4586 V/m	0.4242 V/m
35	09/12/2012 10:14:27 AM		0.4747 V/m	0.4530 V/m	0.4197 V/m
36	09/12/2012 10:14:37 AM		0.4631 V/m	0.4417 V/m	0.4223 V/m
37	09/12/2012 10:14:47 AM		0.4689 V/m	0.4370 V/m	0.4064 V/m
38	09/12/2012 10:14:57 AM		0.4474 V/m	0.4201 V/m	0.4010 V/m
39	09/12/2012 10:15:07 AM		0.4601 V/m	0.4304 V/m	0.3989 V/m
40	09/12/2012 10:15:17 AM		0.4363 V/m	0.4198 V/m	0.3983 V/m
41	09/12/2012 10:15:27 AM		0.4683 V/m	0.4404 V/m	0.4104 V/m
42	09/12/2012 10:15:37 AM		0.4759 V/m	0.4503 V/m	0.4118 V/m
43	09/12/2012 10:15:47 AM		0.4444 V/m	0.4318 V/m	0.4157 V/m
44	09/12/2012 10:15:57 AM		0.4565 V/m	0.4352 V/m	0.4144 V/m
45	09/12/2012 10:16:07 AM		0.4480 V/m	0.4159 V/m	0.3727 V/m
46	09/12/2012 10:16:17 AM		0.4666 V/m	0.4360 V/m	0.4064 V/m
47	09/12/2012 10:16:27 AM		0.4462 V/m	0.4266 V/m	0.4030 V/m
48	09/12/2012 10:16:37 AM		0.4394 V/m	0.4148 V/m	0.3976 V/m

49	09/12/2012 10:16:47 AM	0.4654 V/m	0.4369 V/m	0.4164 V/m
50	09/12/2012 10:16:57 AM	0.4747 V/m	0.4466 V/m	0.4255 V/m
51	09/12/2012 10:17:07 AM	0.4799 V/m	0.4301 V/m	0.3927 V/m
52	09/12/2012 10:17:17 AM	0.4511 V/m	0.4338 V/m	0.4078 V/m
53	09/12/2012 10:17:27 AM	0.4601 V/m	0.4335 V/m	0.4170 V/m
54	09/12/2012 10:17:37 AM	0.4523 V/m	0.4335 V/m	0.4170 V/m
55	09/12/2012 10:17:47 AM	0.4571 V/m	0.4279 V/m	0.3948 V/m
56	09/12/2012 10:17:57 AM	0.4613 V/m	0.4383 V/m	0.4216 V/m
57	09/12/2012 10:18:07 AM	0.4571 V/m	0.4287 V/m	0.3906 V/m
58	09/12/2012 10:18:17 AM	0.4601 V/m	0.4376 V/m	0.4137 V/m
59	09/12/2012 10:18:27 AM	0.4505 V/m	0.4275 V/m	0.3934 V/m
60	09/12/2012 10:18:37 AM	0.4583 V/m	0.4347 V/m	0.4078 V/m
61	09/12/2012 10:18:47 AM	0.4535 V/m	0.4369 V/m	0.4137 V/m
62	09/12/2012 10:18:57 AM	0.4683 V/m	0.4500 V/m	0.4280 V/m
63	09/12/2012 10:19:07 AM	0.4636 V/m	0.4252 V/m	0.4030 V/m
64	09/12/2012 10:19:17 AM	0.4450 V/m	0.4182 V/m	0.3756 V/m
65	09/12/2012 10:19:27 AM	0.4293 V/m	0.3880 V/m	0.3562 V/m
66	09/12/2012 10:19:37 AM	0.4474 V/m	0.4087 V/m	0.3554 V/m
67	09/12/2012 10:19:47 AM	0.4607 V/m	0.3977 V/m	0.3547 V/m
68	09/12/2012 10:19:57 AM	0.4131 V/m	0.3867 V/m	0.3585 V/m
69	09/12/2012 10:20:07 AM	0.4051 V/m	0.3819 V/m	0.3516 V/m
70	09/12/2012 10:20:17 AM	0.4369 V/m	0.3857 V/m	0.3562 V/m
71	09/12/2012 10:20:27 AM	0.4456 V/m	0.4196 V/m	0.3850 V/m
72	09/12/2012 10:20:37 AM	0.4450 V/m	0.4295 V/m	0.4037 V/m
73	09/12/2012 10:20:47 AM	0.4535 V/m	0.4290 V/m	0.4057 V/m
74	09/12/2012 10:20:57 AM	0.4356 V/m	0.4044 V/m	0.3734 V/m
75	09/12/2012 10:21:07 AM	0.4388 V/m	0.4042 V/m	0.3623 V/m
76	09/12/2012 10:21:17 AM	0.4437 V/m	0.4098 V/m	0.3850 V/m
77	09/12/2012 10:21:27 AM	0.4331 V/m	0.3825 V/m	0.3307 V/m
78	09/12/2012 10:21:37 AM	0.4124 V/m	0.3678 V/m	0.3282 V/m
79	09/12/2012 10:21:47 AM	0.4400 V/m	0.4065 V/m	0.3608 V/m
80	09/12/2012 10:21:57 AM	0.4474 V/m	0.4045 V/m	0.3698 V/m
81	09/12/2012 10:22:07 AM	0.4468 V/m	0.3995 V/m	0.3630 V/m
82	09/12/2012 10:22:17 AM	0.4493 V/m	0.4048 V/m	0.3421 V/m
83	09/12/2012 10:22:27 AM	0.4216 V/m	0.3912 V/m	0.3365 V/m
84	09/12/2012 10:22:37 AM	0.4131 V/m	0.3826 V/m	0.3274 V/m
85	09/12/2012 10:22:47 AM	0.4666 V/m	0.4082 V/m	0.3683 V/m
86	09/12/2012 10:22:57 AM	0.4437 V/m	0.4022 V/m	0.3756 V/m
87	09/12/2012 10:23:07 AM	0.4631 V/m	0.4101 V/m	0.3749 V/m
88	09/12/2012 10:23:17 AM	0.4223 V/m	0.3989 V/m	0.3638 V/m
89	09/12/2012 10:23:27 AM	0.4369 V/m	0.3945 V/m	0.3698 V/m
90	09/12/2012 10:23:37 AM	0.4437 V/m	0.3898 V/m	0.3469 V/m
91	09/12/2012 10:23:47 AM	0.4660 V/m	0.4080 V/m	0.3645 V/m
92	09/12/2012 10:23:57 AM	0.4456 V/m	0.4074 V/m	0.3683 V/m
93	09/12/2012 10:24:07 AM	0.4787 V/m	0.4521 V/m	0.4184 V/m
94	09/12/2012 10:24:17 AM	0.4642 V/m	0.4206 V/m	0.3698 V/m
95	09/12/2012 10:24:27 AM	0.4030 V/m	0.3822 V/m	0.3638 V/m
96	09/12/2012 10:24:37 AM	0.4382 V/m	0.3881 V/m	0.3593 V/m
97	09/12/2012 10:24:47 AM	0.4375 V/m	0.4177 V/m	0.3962 V/m
98	09/12/2012 10:24:57 AM	0.4382 V/m	0.3926 V/m	0.3562 V/m
99	09/12/2012 10:25:07 AM	0.3778 V/m	0.3600 V/m	0.3373 V/m
100	09/12/2012 10:25:17 AM	0.4071 V/m	0.3841 V/m	0.3500 V/m
101	09/12/2012 10:25:27 AM	0.4236 V/m	0.3991 V/m	0.3712 V/m
102	09/12/2012 10:25:37 AM	0.4338 V/m	0.4013 V/m	0.3756 V/m
103	09/12/2012 10:25:47 AM	0.4413 V/m	0.3959 V/m	0.3668 V/m

104	09/12/2012 10:25:57 AM	0.3941 V/m	0.3735 V/m	0.3476 V/m
105	09/12/2012 10:26:07 AM	0.3906 V/m	0.3761 V/m	0.3539 V/m
106	09/12/2012 10:26:17 AM	0.4229 V/m	0.3919 V/m	0.3476 V/m
107	09/12/2012 10:26:27 AM	0.4197 V/m	0.3833 V/m	0.3554 V/m
108	09/12/2012 10:26:37 AM	0.4287 V/m	0.3989 V/m	0.3585 V/m
109	09/12/2012 10:26:47 AM	0.4394 V/m	0.3868 V/m	0.3531 V/m
110	09/12/2012 10:26:57 AM	0.4388 V/m	0.3876 V/m	0.3484 V/m
111	09/12/2012 10:27:07 AM	0.3836 V/m	0.3494 V/m	0.3031 V/m
112	09/12/2012 10:27:17 AM	0.3749 V/m	0.3434 V/m	0.3111 V/m
113	09/12/2012 10:27:27 AM	0.4170 V/m	0.3793 V/m	0.3437 V/m
114	09/12/2012 10:27:37 AM	0.4437 V/m	0.3896 V/m	0.3445 V/m
115	09/12/2012 10:27:47 AM	0.4338 V/m	0.3896 V/m	0.3445 V/m
116	09/12/2012 10:27:57 AM	0.4357 V/m	0.3997 V/m	0.3554 V/m
117	09/12/2012 10:28:07 AM	0.4357 V/m	0.3969 V/m	0.3690 V/m
118	09/12/2012 10:28:17 AM	0.4190 V/m	0.3896 V/m	0.3469 V/m
119	09/12/2012 10:28:27 AM	0.4078 V/m	0.3859 V/m	0.3608 V/m
120	09/12/2012 10:28:37 AM	0.3913 V/m	0.3641 V/m	0.3445 V/m
121	09/12/2012 10:28:47 AM	0.4057 V/m	0.3832 V/m	0.3531 V/m
122	09/12/2012 10:28:57 AM	0.4131 V/m	0.3869 V/m	0.3690 V/m
123	09/12/2012 10:29:07 AM	0.4157 V/m	0.3961 V/m	0.3623 V/m
124	09/12/2012 10:29:17 AM	0.4111 V/m	0.3823 V/m	0.3389 V/m
125	09/12/2012 10:29:27 AM	0.4064 V/m	0.3796 V/m	0.3608 V/m
126	09/12/2012 10:29:37 AM	0.4210 V/m	0.3981 V/m	0.3727 V/m
127	09/12/2012 10:29:47 AM	0.4170 V/m	0.3831 V/m	0.3469 V/m
128	09/12/2012 10:29:57 AM	0.4400 V/m	0.4071 V/m	0.3554 V/m
129	09/12/2012 10:30:07 AM	0.4456 V/m	0.4095 V/m	0.3608 V/m
130	09/12/2012 10:30:17 AM	0.4493 V/m	0.4217 V/m	0.3843 V/m
131	09/12/2012 10:30:27 AM	0.4595 V/m	0.4282 V/m	0.3864 V/m
132	09/12/2012 10:30:37 AM	0.4375 V/m	0.4096 V/m	0.3850 V/m
133	09/12/2012 10:30:47 AM	0.4030 V/m	0.3843 V/m	0.3570 V/m
134	09/12/2012 10:30:57 AM	0.4057 V/m	0.3797 V/m	0.3445 V/m
135	09/12/2012 10:31:07 AM	0.4223 V/m	0.3927 V/m	0.3698 V/m
136	09/12/2012 10:31:17 AM	0.4319 V/m	0.3841 V/m	0.3437 V/m
137	09/12/2012 10:31:27 AM	0.4024 V/m	0.3750 V/m	0.3307 V/m
138	09/12/2012 10:31:37 AM	0.4223 V/m	0.3756 V/m	0.3373 V/m
139	09/12/2012 10:31:47 AM	0.4425 V/m	0.3981 V/m	0.3698 V/m
140	09/12/2012 10:31:57 AM	0.4293 V/m	0.3903 V/m	0.3484 V/m
141	09/12/2012 10:32:07 AM	0.4357 V/m	0.4053 V/m	0.3675 V/m
142	09/12/2012 10:32:17 AM	0.4242 V/m	0.3975 V/m	0.3734 V/m
143	09/12/2012 10:32:27 AM	0.4098 V/m	0.3846 V/m	0.3630 V/m
144	09/12/2012 10:32:37 AM	0.4431 V/m	0.3950 V/m	0.3623 V/m
145	09/12/2012 10:32:47 AM	0.4306 V/m	0.3960 V/m	0.3675 V/m
146	09/12/2012 10:32:57 AM	0.4577 V/m	0.4081 V/m	0.3690 V/m
147	09/12/2012 10:33:07 AM	0.4934 V/m	0.4353 V/m	0.3828 V/m
148	09/12/2012 10:33:17 AM	0.4356 V/m	0.4033 V/m	0.3675 V/m
149	09/12/2012 10:33:27 AM	0.4177 V/m	0.3984 V/m	0.3734 V/m
150	09/12/2012 10:33:37 AM	0.4425 V/m	0.3962 V/m	0.3653 V/m
151	09/12/2012 10:33:47 AM	0.4480 V/m	0.4147 V/m	0.3885 V/m
152	09/12/2012 10:33:57 AM	0.4406 V/m	0.4071 V/m	0.3871 V/m
153	09/12/2012 10:34:07 AM	0.4462 V/m	0.4222 V/m	0.3941 V/m
154	09/12/2012 10:34:17 AM	0.4493 V/m	0.4267 V/m	0.4044 V/m
155	09/12/2012 10:34:27 AM	0.4565 V/m	0.4198 V/m	0.3871 V/m
156	09/12/2012 10:34:37 AM	0.4280 V/m	0.3998 V/m	0.3764 V/m
157	09/12/2012 10:34:47 AM	0.4369 V/m	0.4057 V/m	0.3771 V/m
158	09/12/2012 10:34:57 AM	0.4565 V/m	0.4300 V/m	0.3969 V/m

159	09/12/2012 10:35:07 AM	0.4648 V/m	0.4421 V/m	0.4044 V/m
160	09/12/2012 10:35:17 AM	0.4787 V/m	0.4339 V/m	0.3989 V/m
161	09/12/2012 10:35:27 AM	0.4553 V/m	0.4107 V/m	0.3705 V/m
162	09/12/2012 10:35:37 AM	0.4255 V/m	0.4045 V/m	0.3800 V/m
163	09/12/2012 10:35:47 AM	0.4394 V/m	0.4081 V/m	0.3793 V/m
164	09/12/2012 10:35:57 AM	0.4124 V/m	0.3884 V/m	0.3469 V/m
165	09/12/2012 10:36:07 AM	0.4124 V/m	0.3902 V/m	0.3508 V/m
166	09/12/2012 10:36:17 AM	0.4203 V/m	0.3878 V/m	0.3523 V/m
167	09/12/2012 10:36:27 AM	0.4425 V/m	0.4072 V/m	0.3698 V/m
168	09/12/2012 10:36:37 AM	0.4413 V/m	0.4174 V/m	0.3793 V/m
169	09/12/2012 10:36:47 AM	0.4468 V/m	0.4200 V/m	0.4010 V/m
170	09/12/2012 10:36:57 AM	0.4144 V/m	0.4020 V/m	0.3828 V/m
171	09/12/2012 10:37:07 AM	0.4350 V/m	0.4159 V/m	0.3976 V/m
172	09/12/2012 10:37:17 AM	0.4468 V/m	0.4148 V/m	0.3814 V/m
173	09/12/2012 10:37:27 AM	0.4319 V/m	0.4063 V/m	0.3800 V/m
174	09/12/2012 10:37:37 AM	0.4236 V/m	0.3976 V/m	0.3785 V/m
175	09/12/2012 10:37:47 AM	0.4474 V/m	0.4158 V/m	0.3913 V/m
176	09/12/2012 10:37:57 AM	0.4541 V/m	0.4270 V/m	0.4037 V/m
177	09/12/2012 10:38:07 AM	0.4505 V/m	0.4178 V/m	0.3793 V/m
178	09/12/2012 10:38:17 AM	0.4170 V/m	0.3919 V/m	0.3653 V/m
179	09/12/2012 10:38:27 AM	0.4480 V/m	0.4028 V/m	0.3836 V/m
180	09/12/2012 10:38:37 AM	0.4505 V/m	0.4250 V/m	0.3892 V/m
181	09/12/2012 10:38:47 AM	0.4431 V/m	0.4171 V/m	0.3878 V/m
182	09/12/2012 10:38:57 AM	0.4541 V/m	0.4274 V/m	0.3892 V/m
183	09/12/2012 10:39:07 AM	0.4529 V/m	0.4337 V/m	0.3857 V/m
184	09/12/2012 10:39:17 AM	0.4660 V/m	0.4223 V/m	0.4037 V/m
185	09/12/2012 10:39:27 AM	0.4242 V/m	0.4034 V/m	0.3807 V/m
186	09/12/2012 10:39:37 AM	0.4425 V/m	0.4145 V/m	0.3698 V/m
187	09/12/2012 10:39:47 AM	0.4400 V/m	0.3924 V/m	0.3554 V/m
188	09/12/2012 10:39:57 AM	0.4444 V/m	0.4122 V/m	0.3771 V/m
189	09/12/2012 10:40:07 AM	0.4648 V/m	0.4172 V/m	0.3712 V/m
190	09/12/2012 10:40:17 AM	0.4184 V/m	0.3851 V/m	0.3461 V/m
191	09/12/2012 10:40:27 AM	0.4184 V/m	0.3877 V/m	0.3531 V/m
192	09/12/2012 10:40:37 AM	0.4078 V/m	0.3866 V/m	0.3638 V/m
193	09/12/2012 10:40:47 AM	0.4607 V/m	0.4239 V/m	0.3920 V/m
194	09/12/2012 10:40:57 AM	0.4577 V/m	0.4003 V/m	0.3484 V/m
195	09/12/2012 10:41:07 AM	0.4255 V/m	0.3926 V/m	0.3638 V/m
196	09/12/2012 10:41:17 AM	0.4388 V/m	0.4100 V/m	0.3913 V/m
197	09/12/2012 10:41:27 AM	0.4312 V/m	0.4034 V/m	0.3756 V/m
198	09/12/2012 10:41:37 AM	0.4319 V/m	0.3931 V/m	0.3484 V/m
199	09/12/2012 10:41:47 AM	0.4325 V/m	0.3942 V/m	0.3547 V/m
200	09/12/2012 10:41:57 AM	0.4144 V/m	0.3909 V/m	0.3484 V/m
201	09/12/2012 10:42:07 AM	0.4058 V/m	0.3841 V/m	0.3577 V/m
202	09/12/2012 10:42:17 AM	0.4078 V/m	0.3686 V/m	0.3421 V/m
203	09/12/2012 10:42:27 AM	0.4030 V/m	0.3769 V/m	0.3373 V/m
204	09/12/2012 10:42:37 AM	0.4104 V/m	0.3819 V/m	0.3600 V/m
205	09/12/2012 10:42:47 AM	0.4736 V/m	0.4120 V/m	0.3577 V/m
206	09/12/2012 10:42:57 AM	0.4216 V/m	0.3825 V/m	0.3476 V/m
207	09/12/2012 10:43:07 AM	0.4388 V/m	0.4116 V/m	0.3727 V/m
208	09/12/2012 10:43:17 AM	0.4280 V/m	0.3982 V/m	0.3675 V/m
209	09/12/2012 10:43:27 AM	0.4648 V/m	0.4283 V/m	0.3969 V/m
210	09/12/2012 10:43:37 AM	0.4607 V/m	0.4294 V/m	0.3899 V/m
211	09/12/2012 10:43:47 AM	0.4223 V/m	0.3927 V/m	0.3668 V/m
212	09/12/2012 10:43:57 AM	0.3920 V/m	0.3684 V/m	0.3389 V/m
213	09/12/2012 10:44:07 AM	0.4274 V/m	0.4021 V/m	0.3756 V/m

214	09/12/2012 10:44:17 AM	0.4338 V/m	0.3968 V/m	0.3683 V/m
215	09/12/2012 10:44:27 AM	0.4203 V/m	0.4029 V/m	0.3785 V/m
216	09/12/2012 10:44:37 AM	0.4437 V/m	0.4139 V/m	0.3941 V/m
217	09/12/2012 10:44:47 AM	0.4468 V/m	0.4140 V/m	0.3771 V/m
218	09/12/2012 10:44:57 AM	0.4248 V/m	0.4008 V/m	0.3727 V/m
219	09/12/2012 10:45:07 AM	0.4474 V/m	0.4127 V/m	0.3807 V/m
220	09/12/2012 10:45:17 AM	0.4382 V/m	0.4006 V/m	0.3712 V/m
221	09/12/2012 10:45:27 AM	0.4216 V/m	0.3942 V/m	0.3675 V/m
222	09/12/2012 10:45:37 AM	0.4312 V/m	0.3981 V/m	0.3615 V/m
223	09/12/2012 10:45:47 AM	0.4312 V/m	0.4138 V/m	0.3850 V/m
224	09/12/2012 10:45:57 AM	0.4493 V/m	0.4217 V/m	0.3948 V/m
225	09/12/2012 10:46:07 AM	0.4400 V/m	0.4132 V/m	0.3836 V/m
226	09/12/2012 10:46:17 AM	0.4338 V/m	0.4045 V/m	0.3771 V/m
227	09/12/2012 10:46:27 AM	0.4236 V/m	0.4011 V/m	0.3660 V/m
228	09/12/2012 10:46:37 AM	0.4338 V/m	0.4025 V/m	0.3705 V/m
229	09/12/2012 10:46:47 AM	0.4306 V/m	0.4024 V/m	0.3742 V/m
230	09/12/2012 10:46:57 AM	0.4190 V/m	0.3970 V/m	0.3698 V/m
231	09/12/2012 10:47:07 AM	0.4357 V/m	0.3972 V/m	0.3638 V/m
232	09/12/2012 10:47:17 AM	0.4177 V/m	0.3885 V/m	0.3608 V/m
233	09/12/2012 10:47:27 AM	0.4413 V/m	0.3884 V/m	0.3562 V/m
234	09/12/2012 10:47:37 AM	0.4287 V/m	0.3882 V/m	0.3484 V/m
235	09/12/2012 10:47:47 AM	0.4064 V/m	0.3807 V/m	0.3469 V/m
236	09/12/2012 10:47:57 AM	0.4493 V/m	0.3970 V/m	0.3800 V/m
237	09/12/2012 10:48:07 AM	0.4462 V/m	0.4223 V/m	0.3807 V/m
238	09/12/2012 10:48:17 AM	0.4223 V/m	0.3947 V/m	0.3749 V/m
239	09/12/2012 10:48:27 AM	0.4406 V/m	0.4182 V/m	0.3885 V/m
240	09/12/2012 10:48:37 AM	0.4565 V/m	0.4030 V/m	0.3675 V/m
241	09/12/2012 10:48:47 AM	0.4583 V/m	0.4199 V/m	0.3864 V/m
242	09/12/2012 10:48:57 AM	0.4338 V/m	0.4133 V/m	0.3948 V/m
243	09/12/2012 10:49:07 AM	0.4177 V/m	0.3956 V/m	0.3742 V/m
244	09/12/2012 10:49:17 AM	0.4255 V/m	0.4054 V/m	0.3836 V/m
245	09/12/2012 10:49:27 AM	0.4197 V/m	0.4038 V/m	0.3864 V/m
246	09/12/2012 10:49:37 AM	0.4306 V/m	0.4001 V/m	0.3593 V/m
247	09/12/2012 10:49:47 AM	0.4268 V/m	0.3939 V/m	0.3577 V/m
248	09/12/2012 10:49:57 AM	0.4571 V/m	0.3937 V/m	0.3365 V/m
249	09/12/2012 10:50:07 AM	0.4553 V/m	0.4228 V/m	0.3807 V/m
250	09/12/2012 10:50:17 AM	0.4331 V/m	0.3767 V/m	0.3397 V/m
251	09/12/2012 10:50:27 AM	0.4344 V/m	0.4072 V/m	0.3623 V/m
252	09/12/2012 10:50:37 AM	0.4287 V/m	0.4061 V/m	0.3600 V/m
253	09/12/2012 10:50:47 AM	0.4157 V/m	0.3969 V/m	0.3562 V/m
254	09/12/2012 10:50:57 AM	0.4151 V/m	0.3924 V/m	0.3727 V/m
255	09/12/2012 10:51:07 AM	0.4037 V/m	0.3749 V/m	0.3547 V/m
256	09/12/2012 10:51:17 AM	0.4118 V/m	0.3826 V/m	0.3531 V/m
257	09/12/2012 10:51:27 AM	0.4268 V/m	0.3918 V/m	0.3577 V/m
258	09/12/2012 10:51:37 AM	0.4462 V/m	0.3982 V/m	0.3508 V/m
259	09/12/2012 10:51:47 AM	0.4210 V/m	0.3938 V/m	0.3461 V/m
260	09/12/2012 10:51:57 AM	0.4300 V/m	0.3935 V/m	0.3600 V/m
261	09/12/2012 10:52:07 AM	0.4571 V/m	0.4163 V/m	0.3660 V/m
262	09/12/2012 10:52:17 AM	0.4071 V/m	0.3835 V/m	0.3585 V/m
263	09/12/2012 10:52:27 AM	0.4306 V/m	0.3989 V/m	0.3615 V/m
264	09/12/2012 10:52:37 AM	0.4413 V/m	0.4109 V/m	0.3727 V/m
265	09/12/2012 10:52:47 AM	0.4400 V/m	0.4117 V/m	0.3821 V/m
266	09/12/2012 10:52:57 AM	0.4394 V/m	0.4162 V/m	0.3913 V/m
267	09/12/2012 10:53:07 AM	0.4124 V/m	0.3888 V/m	0.3660 V/m
268	09/12/2012 10:53:17 AM	0.4057 V/m	0.3846 V/m	0.3397 V/m

269	09/12/2012 10:53:27 AM	0.4505 V/m	0.3978 V/m	0.3562 V/m
270	09/12/2012 10:53:37 AM	0.4382 V/m	0.4130 V/m	0.3941 V/m
271	09/12/2012 10:53:47 AM	0.4344 V/m	0.3963 V/m	0.3734 V/m
272	09/12/2012 10:53:57 AM	0.4583 V/m	0.4291 V/m	0.4078 V/m
273	09/12/2012 10:54:07 AM	0.4431 V/m	0.4063 V/m	0.3807 V/m
274	09/12/2012 10:54:17 AM	0.4486 V/m	0.4142 V/m	0.3720 V/m
275	09/12/2012 10:54:27 AM	0.4144 V/m	0.3860 V/m	0.3421 V/m
276	09/12/2012 10:54:37 AM	0.4177 V/m	0.3957 V/m	0.3638 V/m
277	09/12/2012 10:54:47 AM	0.4306 V/m	0.4010 V/m	0.3630 V/m
278	09/12/2012 10:54:57 AM	0.4523 V/m	0.4317 V/m	0.4030 V/m
279	09/12/2012 10:55:07 AM	0.4619 V/m	0.4453 V/m	0.4261 V/m
280	09/12/2012 10:55:17 AM	0.4631 V/m	0.4339 V/m	0.3989 V/m
281	09/12/2012 10:55:27 AM	0.4529 V/m	0.4284 V/m	0.4037 V/m
282	09/12/2012 10:55:37 AM	0.4529 V/m	0.4246 V/m	0.4030 V/m
283	09/12/2012 10:55:47 AM	0.4388 V/m	0.4088 V/m	0.3793 V/m
284	09/12/2012 10:55:57 AM	0.4406 V/m	0.4099 V/m	0.3585 V/m
285	09/12/2012 10:56:07 AM	0.4356 V/m	0.4124 V/m	0.3843 V/m
286	09/12/2012 10:56:17 AM	0.4293 V/m	0.3774 V/m	0.3453 V/m
287	09/12/2012 10:56:27 AM	0.4184 V/m	0.3900 V/m	0.3623 V/m
288	09/12/2012 10:56:37 AM	0.4157 V/m	0.3834 V/m	0.3389 V/m
289	09/12/2012 10:56:47 AM	0.4098 V/m	0.3860 V/m	0.3492 V/m
290	09/12/2012 10:56:57 AM	0.4197 V/m	0.3898 V/m	0.3539 V/m
291	09/12/2012 10:57:07 AM	0.4456 V/m	0.4113 V/m	0.3785 V/m
292	09/12/2012 10:57:17 AM	0.4261 V/m	0.3999 V/m	0.3653 V/m
293	09/12/2012 10:57:27 AM	0.4541 V/m	0.4224 V/m	0.3927 V/m
294	09/12/2012 10:57:37 AM	0.4571 V/m	0.4245 V/m	0.3934 V/m
295	09/12/2012 10:57:47 AM	0.4583 V/m	0.4125 V/m	0.3749 V/m
296	09/12/2012 10:57:57 AM	0.4363 V/m	0.4071 V/m	0.3821 V/m
297	09/12/2012 10:58:07 AM	0.4400 V/m	0.4161 V/m	0.3906 V/m
298	09/12/2012 10:58:17 AM	0.4331 V/m	0.4001 V/m	0.3660 V/m
299	09/12/2012 10:58:27 AM	0.4071 V/m	0.3828 V/m	0.3539 V/m
300	09/12/2012 10:58:37 AM	0.4223 V/m	0.3930 V/m	0.3492 V/m
301	09/12/2012 10:58:47 AM	0.4450 V/m	0.4131 V/m	0.3814 V/m
302	09/12/2012 10:58:57 AM	0.4425 V/m	0.4186 V/m	0.3850 V/m
303	09/12/2012 10:59:07 AM	0.4577 V/m	0.4205 V/m	0.3864 V/m
304	09/12/2012 10:59:17 AM	0.4363 V/m	0.3963 V/m	0.3562 V/m
305	09/12/2012 10:59:27 AM	0.4431 V/m	0.4147 V/m	0.3577 V/m
306	09/12/2012 10:59:37 AM	0.4229 V/m	0.3954 V/m	0.3660 V/m
307	09/12/2012 10:59:47 AM	0.4157 V/m	0.3865 V/m	0.3577 V/m
308	09/12/2012 10:59:57 AM	0.4236 V/m	0.3874 V/m	0.3623 V/m
309	09/12/2012 11:00:07 AM	0.4444 V/m	0.4216 V/m	0.3800 V/m
310	09/12/2012 11:00:17 AM	0.4357 V/m	0.4161 V/m	0.3871 V/m
311	09/12/2012 11:00:27 AM	0.4589 V/m	0.4318 V/m	0.4098 V/m
312	09/12/2012 11:00:37 AM	0.4505 V/m	0.4264 V/m	0.3983 V/m
313	09/12/2012 11:00:47 AM	0.4683 V/m	0.4202 V/m	0.3850 V/m
314	09/12/2012 11:00:57 AM	0.4480 V/m	0.4148 V/m	0.3778 V/m
315	09/12/2012 11:01:07 AM	0.4474 V/m	0.4295 V/m	0.3807 V/m
316	09/12/2012 11:01:17 AM	0.4511 V/m	0.4301 V/m	0.4037 V/m
317	09/12/2012 11:01:27 AM	0.4369 V/m	0.4077 V/m	0.3653 V/m
318	09/12/2012 11:01:37 AM	0.4268 V/m	0.3969 V/m	0.3453 V/m
319	09/12/2012 11:01:47 AM	0.4137 V/m	0.3933 V/m	0.3623 V/m
320	09/12/2012 11:01:57 AM	0.4306 V/m	0.4033 V/m	0.3698 V/m
321	09/12/2012 11:02:07 AM	0.4406 V/m	0.4138 V/m	0.3892 V/m
322	09/12/2012 11:02:17 AM	0.4325 V/m	0.4092 V/m	0.3864 V/m
323	09/12/2012 11:02:27 AM	0.4474 V/m	0.4196 V/m	0.3892 V/m

324	09/12/2012 11:02:37 AM	0.4666 V/m	0.4155 V/m	0.3645 V/m
325	09/12/2012 11:02:47 AM	0.4300 V/m	0.3986 V/m	0.3608 V/m
326	09/12/2012 11:02:57 AM	0.4456 V/m	0.4114 V/m	0.3749 V/m
327	09/12/2012 11:03:07 AM	0.4431 V/m	0.4206 V/m	0.3969 V/m
328	09/12/2012 11:03:17 AM	0.4642 V/m	0.4237 V/m	0.3892 V/m
329	09/12/2012 11:03:27 AM	0.4363 V/m	0.4092 V/m	0.3828 V/m
330	09/12/2012 11:03:37 AM	0.4607 V/m	0.4155 V/m	0.3899 V/m
331	09/12/2012 11:03:47 AM	0.4437 V/m	0.3695 V/m	0.3040 V/m
332	09/12/2012 11:03:57 AM	0.3547 V/m	0.3292 V/m	0.3031 V/m
333	09/12/2012 11:04:07 AM	0.3913 V/m	0.3608 V/m	0.3307 V/m
334	09/12/2012 11:04:17 AM	0.3645 V/m	0.3391 V/m	0.3172 V/m
335	09/12/2012 11:04:27 AM	0.3615 V/m	0.3357 V/m	0.3085 V/m
336	09/12/2012 11:04:37 AM	0.3683 V/m	0.3362 V/m	0.2902 V/m
337	09/12/2012 11:04:47 AM	0.3600 V/m	0.3261 V/m	0.2893 V/m
338	09/12/2012 11:04:57 AM	0.3756 V/m	0.3405 V/m	0.3172 V/m
339	09/12/2012 11:05:07 AM	0.3828 V/m	0.3546 V/m	0.3282 V/m
340	09/12/2012 11:05:17 AM	0.3871 V/m	0.3625 V/m	0.3373 V/m
341	09/12/2012 11:05:27 AM	0.4064 V/m	0.3861 V/m	0.3623 V/m
342	09/12/2012 11:05:37 AM	0.4010 V/m	0.3832 V/m	0.3660 V/m
343	09/12/2012 11:05:47 AM	0.4104 V/m	0.3904 V/m	0.3675 V/m
344	09/12/2012 11:05:57 AM	0.4517 V/m	0.4110 V/m	0.3577 V/m
345	09/12/2012 11:06:07 AM	0.4517 V/m	0.4266 V/m	0.3864 V/m
346	09/12/2012 11:06:17 AM	0.4248 V/m	0.4074 V/m	0.3778 V/m
347	09/12/2012 11:06:27 AM	0.4293 V/m	0.4100 V/m	0.3976 V/m
348	09/12/2012 11:06:37 AM	0.4547 V/m	0.4184 V/m	0.3913 V/m
349	09/12/2012 11:06:47 AM	0.4306 V/m	0.4009 V/m	0.3836 V/m
350	09/12/2012 11:06:57 AM	0.4111 V/m	0.3468 V/m	0.3172 V/m
351	09/12/2012 11:07:07 AM	0.3600 V/m	0.3441 V/m	0.3206 V/m
352	09/12/2012 11:07:17 AM	0.3683 V/m	0.3494 V/m	0.3291 V/m
353	09/12/2012 11:07:27 AM	0.3836 V/m	0.3527 V/m	0.3365 V/m
354	09/12/2012 11:07:37 AM	0.3857 V/m	0.3588 V/m	0.3348 V/m
355	09/12/2012 11:07:47 AM	0.4030 V/m	0.3748 V/m	0.3429 V/m
356	09/12/2012 11:07:57 AM	0.3878 V/m	0.3655 V/m	0.3453 V/m
357	09/12/2012 11:08:07 AM	0.4010 V/m	0.3807 V/m	0.3484 V/m
358	09/12/2012 11:08:17 AM	0.3962 V/m	0.3728 V/m	0.3539 V/m
359	09/12/2012 11:08:27 AM	0.3913 V/m	0.3658 V/m	0.3413 V/m
360	09/12/2012 11:08:37 AM	0.4118 V/m	0.3787 V/m	0.3332 V/m
361	09/12/2012 11:08:47 AM	0.4331 V/m	0.4086 V/m	0.3906 V/m
362	09/12/2012 11:08:57 AM	0.4625 V/m	0.4311 V/m	0.3927 V/m
363	09/12/2012 11:09:07 AM	0.4666 V/m	0.3819 V/m	0.3461 V/m
364	09/12/2012 11:09:17 AM	0.3989 V/m	0.3610 V/m	0.3223 V/m
365	09/12/2012 11:09:27 AM	0.3962 V/m	0.3769 V/m	0.3516 V/m
366	09/12/2012 11:09:37 AM	0.4210 V/m	0.3977 V/m	0.3705 V/m
367	09/12/2012 11:09:47 AM	0.4553 V/m	0.4233 V/m	0.3899 V/m
368	09/12/2012 11:09:57 AM	0.4431 V/m	0.4097 V/m	0.3793 V/m
369	09/12/2012 11:10:07 AM	0.4517 V/m	0.4201 V/m	0.3878 V/m
370	09/12/2012 11:10:17 AM	0.4583 V/m	0.4326 V/m	0.4137 V/m
371	09/12/2012 11:10:27 AM	0.4493 V/m	0.4136 V/m	0.3828 V/m
372	09/12/2012 11:10:37 AM	0.4177 V/m	0.3794 V/m	0.3348 V/m
373	09/12/2012 11:10:47 AM	0.4229 V/m	0.4011 V/m	0.3660 V/m
374	09/12/2012 11:10:57 AM	0.4255 V/m	0.3927 V/m	0.3638 V/m
375	09/12/2012 11:11:07 AM	0.4683 V/m	0.4326 V/m	0.3962 V/m
376	09/12/2012 11:11:17 AM	0.4084 V/m	0.3899 V/m	0.3638 V/m
377	09/12/2012 11:11:27 AM	0.4753 V/m	0.4248 V/m	0.3778 V/m
378	09/12/2012 11:11:37 AM	0.4595 V/m	0.4390 V/m	0.4091 V/m

379	09/12/2012 11:11:47 AM	0.4595 V/m	0.4410 V/m	0.4190 V/m
380	09/12/2012 11:11:57 AM	0.4613 V/m	0.4386 V/m	0.4098 V/m
381	09/12/2012 11:12:07 AM	0.4764 V/m	0.4416 V/m	0.3920 V/m
382	09/12/2012 11:12:17 AM	0.4431 V/m	0.4025 V/m	0.3660 V/m
383	09/12/2012 11:12:27 AM	0.4197 V/m	0.3915 V/m	0.3660 V/m
384	09/12/2012 11:12:37 AM	0.4486 V/m	0.4254 V/m	0.3850 V/m
385	09/12/2012 11:12:47 AM	0.4583 V/m	0.4255 V/m	0.4024 V/m
386	09/12/2012 11:12:57 AM	0.4312 V/m	0.4084 V/m	0.3821 V/m
387	09/12/2012 11:13:07 AM	0.4474 V/m	0.3954 V/m	0.3484 V/m
388	09/12/2012 11:13:17 AM	0.4084 V/m	0.3758 V/m	0.3453 V/m
389	09/12/2012 11:13:27 AM	0.4293 V/m	0.3864 V/m	0.3547 V/m
390	09/12/2012 11:13:37 AM	0.4601 V/m	0.4308 V/m	0.3906 V/m
391	09/12/2012 11:13:47 AM	0.4595 V/m	0.4135 V/m	0.3962 V/m
392	09/12/2012 11:13:57 AM	0.4529 V/m	0.4257 V/m	0.4078 V/m
393	09/12/2012 11:14:07 AM	0.4444 V/m	0.4291 V/m	0.4037 V/m
394	09/12/2012 11:14:17 AM	0.4541 V/m	0.4267 V/m	0.3996 V/m
395	09/12/2012 11:14:27 AM	0.4468 V/m	0.4232 V/m	0.4010 V/m
396	09/12/2012 11:14:37 AM	0.4583 V/m	0.4332 V/m	0.4118 V/m
397	09/12/2012 11:14:47 AM	0.4529 V/m	0.4245 V/m	0.3778 V/m
398	09/12/2012 11:14:57 AM	0.3906 V/m	0.3679 V/m	0.3461 V/m
399	09/12/2012 11:15:07 AM	0.3734 V/m	0.3562 V/m	0.3405 V/m
400	09/12/2012 11:15:17 AM	0.3778 V/m	0.3577 V/m	0.3282 V/m
401	09/12/2012 11:15:27 AM	0.3630 V/m	0.3393 V/m	0.3155 V/m
402	09/12/2012 11:15:37 AM	0.4017 V/m	0.3621 V/m	0.3266 V/m
403	09/12/2012 11:15:47 AM	0.3906 V/m	0.3629 V/m	0.3356 V/m
404	09/12/2012 11:15:57 AM	0.3941 V/m	0.3693 V/m	0.3307 V/m
405	09/12/2012 11:16:07 AM	0.3899 V/m	0.3684 V/m	0.3500 V/m
406	09/12/2012 11:16:17 AM	0.3948 V/m	0.3738 V/m	0.3547 V/m
407	09/12/2012 11:16:27 AM	0.4098 V/m	0.3896 V/m	0.3668 V/m
408	09/12/2012 11:16:37 AM	0.3955 V/m	0.3693 V/m	0.3365 V/m
409	09/12/2012 11:16:47 AM	0.4010 V/m	0.3804 V/m	0.3453 V/m
410	09/12/2012 11:16:57 AM	0.4177 V/m	0.3939 V/m	0.3675 V/m
411	09/12/2012 11:17:07 AM	0.4350 V/m	0.3948 V/m	0.3630 V/m
412	09/12/2012 11:17:17 AM	0.3934 V/m	0.3727 V/m	0.3547 V/m
413	09/12/2012 11:17:27 AM	0.3857 V/m	0.3650 V/m	0.3476 V/m
414	09/12/2012 11:17:37 AM	0.3764 V/m	0.3592 V/m	0.3324 V/m
415	09/12/2012 11:17:47 AM	0.3828 V/m	0.3685 V/m	0.3516 V/m
416	09/12/2012 11:17:57 AM	0.4131 V/m	0.3765 V/m	0.3445 V/m
417	09/12/2012 11:18:07 AM	0.4091 V/m	0.3883 V/m	0.3645 V/m
418	09/12/2012 11:18:17 AM	0.3989 V/m	0.3760 V/m	0.3492 V/m
419	09/12/2012 11:18:27 AM	0.3828 V/m	0.3611 V/m	0.3274 V/m
420	09/12/2012 11:18:37 AM	0.3857 V/m	0.3574 V/m	0.3315 V/m
421	09/12/2012 11:18:47 AM	0.3705 V/m	0.3515 V/m	0.3266 V/m
422	09/12/2012 11:18:57 AM	0.3727 V/m	0.3513 V/m	0.3181 V/m
423	09/12/2012 11:19:07 AM	0.3764 V/m	0.3454 V/m	0.3094 V/m
424	09/12/2012 11:19:17 AM	0.3608 V/m	0.3323 V/m	0.3129 V/m
425	09/12/2012 11:19:27 AM	0.3570 V/m	0.3347 V/m	0.3102 V/m
426	09/12/2012 11:19:37 AM	0.3653 V/m	0.3475 V/m	0.3266 V/m
427	09/12/2012 11:19:47 AM	0.3969 V/m	0.3746 V/m	0.3547 V/m
428	09/12/2012 11:19:57 AM	0.3892 V/m	0.3748 V/m	0.3531 V/m
429	09/12/2012 11:20:07 AM	0.3934 V/m	0.3778 V/m	0.3554 V/m
430	09/12/2012 11:20:17 AM	0.3871 V/m	0.3671 V/m	0.3421 V/m
431	09/12/2012 11:20:27 AM	0.3976 V/m	0.3747 V/m	0.3593 V/m
432	09/12/2012 11:20:37 AM	0.4144 V/m	0.3958 V/m	0.3727 V/m
433	09/12/2012 11:20:47 AM	0.4124 V/m	0.3916 V/m	0.3720 V/m

434	09/12/2012 11:20:57 AM	0.4010 V/m	0.3881 V/m	0.3742 V/m
435	09/12/2012 11:21:07 AM	0.4144 V/m	0.3950 V/m	0.3771 V/m
436	09/12/2012 11:21:17 AM	0.4216 V/m	0.3941 V/m	0.3727 V/m
437	09/12/2012 11:21:27 AM	0.4255 V/m	0.3982 V/m	0.3727 V/m
438	09/12/2012 11:21:37 AM	0.4325 V/m	0.4004 V/m	0.3698 V/m
439	09/12/2012 11:21:47 AM	0.4565 V/m	0.4300 V/m	0.3864 V/m
440	09/12/2012 11:21:57 AM	0.4437 V/m	0.4200 V/m	0.3906 V/m
441	09/12/2012 11:22:07 AM	0.4375 V/m	0.4171 V/m	0.3962 V/m
442	09/12/2012 11:22:17 AM	0.4300 V/m	0.4036 V/m	0.3469 V/m
443	09/12/2012 11:22:27 AM	0.4223 V/m	0.3885 V/m	0.3547 V/m
444	09/12/2012 11:22:37 AM	0.4118 V/m	0.3709 V/m	0.3445 V/m
445	09/12/2012 11:22:47 AM	0.4287 V/m	0.4049 V/m	0.3690 V/m
446	09/12/2012 11:22:57 AM	0.4406 V/m	0.4178 V/m	0.3948 V/m
447	09/12/2012 11:23:07 AM	0.4287 V/m	0.3850 V/m	0.3570 V/m
448	09/12/2012 11:23:17 AM	0.4057 V/m	0.3792 V/m	0.3492 V/m
449	09/12/2012 11:23:27 AM	0.4157 V/m	0.3830 V/m	0.3373 V/m
450	09/12/2012 11:23:37 AM	0.4248 V/m	0.3984 V/m	0.3516 V/m
451	09/12/2012 11:23:47 AM	0.3793 V/m	0.3482 V/m	0.3198 V/m
452	09/12/2012 11:23:57 AM	0.3850 V/m	0.3604 V/m	0.3274 V/m
453	09/12/2012 11:24:07 AM	0.4003 V/m	0.3667 V/m	0.3348 V/m
454	09/12/2012 11:24:17 AM	0.3800 V/m	0.3531 V/m	0.3146 V/m
455	09/12/2012 11:24:27 AM	0.3778 V/m	0.3584 V/m	0.3373 V/m
456	09/12/2012 11:24:37 AM	0.3899 V/m	0.3615 V/m	0.3232 V/m
457	09/12/2012 11:24:47 AM	0.3843 V/m	0.3523 V/m	0.3206 V/m
458	09/12/2012 11:24:57 AM	0.4144 V/m	0.3816 V/m	0.3453 V/m
459	09/12/2012 11:25:07 AM	0.4064 V/m	0.3837 V/m	0.3539 V/m
460	09/12/2012 11:25:17 AM	0.3983 V/m	0.3806 V/m	0.3570 V/m
461	09/12/2012 11:25:27 AM	0.4044 V/m	0.3859 V/m	0.3570 V/m
462	09/12/2012 11:25:37 AM	0.3989 V/m	0.3766 V/m	0.3484 V/m
463	09/12/2012 11:25:47 AM	0.3878 V/m	0.3616 V/m	0.3365 V/m
464	09/12/2012 11:25:57 AM	0.4017 V/m	0.3713 V/m	0.3437 V/m
465	09/12/2012 11:26:07 AM	0.3983 V/m	0.3786 V/m	0.3593 V/m
466	09/12/2012 11:26:17 AM	0.4118 V/m	0.3819 V/m	0.3600 V/m
467	09/12/2012 11:26:27 AM	0.4010 V/m	0.3814 V/m	0.3600 V/m
468	09/12/2012 11:26:37 AM	0.4030 V/m	0.3790 V/m	0.3570 V/m
469	09/12/2012 11:26:47 AM	0.3969 V/m	0.3793 V/m	0.3585 V/m
470	09/12/2012 11:26:57 AM	0.3983 V/m	0.3822 V/m	0.3508 V/m
471	09/12/2012 11:27:07 AM	0.4255 V/m	0.3917 V/m	0.3705 V/m
472	09/12/2012 11:27:17 AM	0.4511 V/m	0.4248 V/m	0.4017 V/m
473	09/12/2012 11:27:27 AM	0.4357 V/m	0.4204 V/m	0.4017 V/m
474	09/12/2012 11:27:37 AM	0.4601 V/m	0.4218 V/m	0.4030 V/m
475	09/12/2012 11:27:47 AM	0.4229 V/m	0.3918 V/m	0.3600 V/m
476	09/12/2012 11:27:57 AM	0.3969 V/m	0.3803 V/m	0.3585 V/m
477	09/12/2012 11:28:07 AM	0.3996 V/m	0.3750 V/m	0.3608 V/m
478	09/12/2012 11:28:17 AM	0.3983 V/m	0.3813 V/m	0.3593 V/m
479	09/12/2012 11:28:27 AM	0.4197 V/m	0.3891 V/m	0.3547 V/m
480	09/12/2012 11:28:37 AM	0.3976 V/m	0.3761 V/m	0.3570 V/m
481	09/12/2012 11:28:47 AM	0.3948 V/m	0.3718 V/m	0.3523 V/m
482	09/12/2012 11:28:57 AM	0.4104 V/m	0.3860 V/m	0.3562 V/m
483	09/12/2012 11:29:07 AM	0.4293 V/m	0.3915 V/m	0.3735 V/m
484	09/12/2012 11:29:17 AM	0.4138 V/m	0.3933 V/m	0.3749 V/m
485	09/12/2012 11:29:27 AM	0.4177 V/m	0.3924 V/m	0.3749 V/m
486	09/12/2012 11:29:37 AM	0.4131 V/m	0.3924 V/m	0.3778 V/m
487	09/12/2012 11:29:47 AM	0.4216 V/m	0.4061 V/m	0.3871 V/m
488	09/12/2012 11:29:57 AM	0.4104 V/m	0.3892 V/m	0.3705 V/m

489	09/12/2012 11:30:07 AM	0.4268 V/m	0.3922 V/m	0.3720 V/m
490	09/12/2012 11:30:17 AM	0.4400 V/m	0.4223 V/m	0.4030 V/m
491	09/12/2012 11:30:27 AM	0.4261 V/m	0.4079 V/m	0.3800 V/m
492	09/12/2012 11:30:37 AM	0.4084 V/m	0.3950 V/m	0.3668 V/m
493	09/12/2012 11:30:47 AM	0.4287 V/m	0.4127 V/m	0.3927 V/m
494	09/12/2012 11:30:57 AM	0.4248 V/m	0.4056 V/m	0.3778 V/m
495	09/12/2012 11:31:07 AM	0.4131 V/m	0.3685 V/m	0.3365 V/m
496	09/12/2012 11:31:17 AM	0.3934 V/m	0.3704 V/m	0.3492 V/m
497	09/12/2012 11:31:27 AM	0.4003 V/m	0.3738 V/m	0.3531 V/m
498	09/12/2012 11:31:37 AM	0.4057 V/m	0.3763 V/m	0.3539 V/m
499	09/12/2012 11:31:47 AM	0.3843 V/m	0.3693 V/m	0.3429 V/m
500	09/12/2012 11:31:57 AM	0.3742 V/m	0.3547 V/m	0.3282 V/m
501	09/12/2012 11:32:07 AM	0.3653 V/m	0.3437 V/m	0.3189 V/m
502	09/12/2012 11:32:17 AM	0.3600 V/m	0.3427 V/m	0.3189 V/m
503	09/12/2012 11:32:27 AM	0.3727 V/m	0.3412 V/m	0.3031 V/m
504	09/12/2012 11:32:37 AM	0.3675 V/m	0.3155 V/m	0.2757 V/m
505	09/12/2012 11:32:47 AM	0.3373 V/m	0.3192 V/m	0.2835 V/m
506	09/12/2012 11:32:57 AM	0.3593 V/m	0.3287 V/m	0.3013 V/m
507	09/12/2012 11:33:07 AM	0.3570 V/m	0.3271 V/m	0.2986 V/m
508	09/12/2012 11:33:17 AM	0.3756 V/m	0.3575 V/m	0.3299 V/m
509	09/12/2012 11:33:27 AM	0.3749 V/m	0.3436 V/m	0.3232 V/m
510	09/12/2012 11:33:37 AM	0.3492 V/m	0.3267 V/m	0.2976 V/m
511	09/12/2012 11:33:47 AM	0.3554 V/m	0.3295 V/m	0.3022 V/m
512	09/12/2012 11:33:57 AM	0.3705 V/m	0.3471 V/m	0.3146 V/m
513	09/12/2012 11:34:07 AM	0.3705 V/m	0.3506 V/m	0.3215 V/m
514	09/12/2012 11:34:17 AM	0.3785 V/m	0.3488 V/m	0.3282 V/m
515	09/12/2012 11:34:27 AM	0.3920 V/m	0.3634 V/m	0.3198 V/m
516	09/12/2012 11:34:37 AM	0.4131 V/m	0.3821 V/m	0.3516 V/m
517	09/12/2012 11:34:47 AM	0.3996 V/m	0.3761 V/m	0.3508 V/m
518	09/12/2012 11:34:57 AM	0.4190 V/m	0.3842 V/m	0.3554 V/m
519	09/12/2012 11:35:07 AM	0.3955 V/m	0.3723 V/m	0.3469 V/m
520	09/12/2012 11:35:17 AM	0.3927 V/m	0.3525 V/m	0.3316 V/m
521	09/12/2012 11:35:27 AM	0.3683 V/m	0.3456 V/m	0.3232 V/m
522	09/12/2012 11:35:37 AM	0.3807 V/m	0.3540 V/m	0.3232 V/m
523	09/12/2012 11:35:47 AM	0.3771 V/m	0.3509 V/m	0.3198 V/m
524	09/12/2012 11:35:57 AM	0.3983 V/m	0.3612 V/m	0.3405 V/m
525	09/12/2012 11:36:07 AM	0.3720 V/m	0.3525 V/m	0.3282 V/m
526	09/12/2012 11:36:17 AM	0.3712 V/m	0.3469 V/m	0.3274 V/m
527	09/12/2012 11:36:27 AM	0.3969 V/m	0.3629 V/m	0.3365 V/m
528	09/12/2012 11:36:37 AM	0.4104 V/m	0.3751 V/m	0.3307 V/m
529	09/12/2012 11:36:47 AM	0.4444 V/m	0.4205 V/m	0.4010 V/m
530	09/12/2012 11:36:57 AM	0.4529 V/m	0.4150 V/m	0.3712 V/m
531	09/12/2012 11:37:07 AM	0.4782 V/m	0.4487 V/m	0.4131 V/m
532	09/12/2012 11:37:17 AM	0.4810 V/m	0.4545 V/m	0.4331 V/m
533	09/12/2012 11:37:27 AM	0.4810 V/m	0.4549 V/m	0.4344 V/m
534	09/12/2012 11:37:37 AM	0.4900 V/m	0.4548 V/m	0.4338 V/m
535	09/12/2012 11:37:47 AM	0.4499 V/m	0.4285 V/m	0.4057 V/m
536	09/12/2012 11:37:57 AM	0.4565 V/m	0.4284 V/m	0.4024 V/m
537	09/12/2012 11:38:07 AM	0.4468 V/m	0.4213 V/m	0.3836 V/m
538	09/12/2012 11:38:17 AM	0.4456 V/m	0.4151 V/m	0.3920 V/m
539	09/12/2012 11:38:27 AM	0.4131 V/m	0.3978 V/m	0.3793 V/m
540	09/12/2012 11:38:37 AM	0.4084 V/m	0.3803 V/m	0.3531 V/m
541	09/12/2012 11:38:47 AM	0.4064 V/m	0.3822 V/m	0.3570 V/m
542	09/12/2012 11:38:57 AM	0.4229 V/m	0.3955 V/m	0.3638 V/m
543	09/12/2012 11:39:07 AM	0.4325 V/m	0.4003 V/m	0.3705 V/m

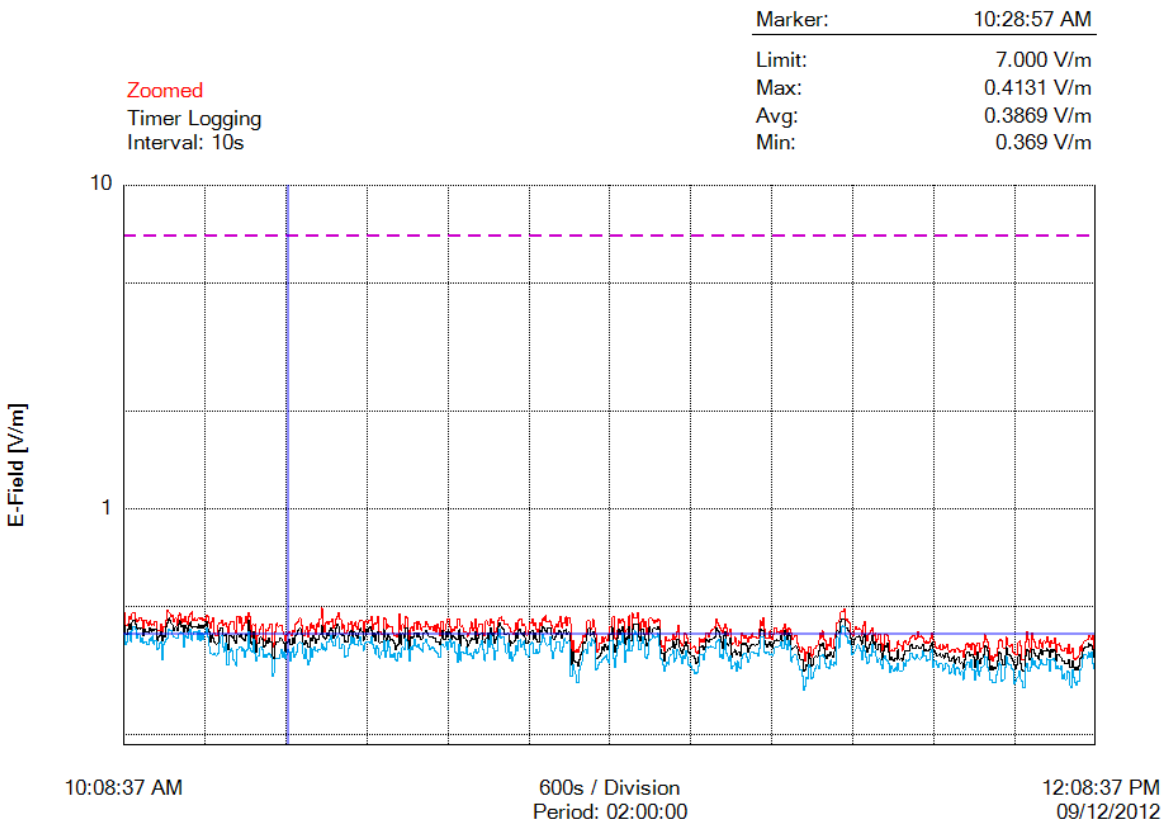
544	09/12/2012 11:39:17 AM	0.4229 V/m	0.4019 V/m	0.3793 V/m
545	09/12/2012 11:39:27 AM	0.4268 V/m	0.4040 V/m	0.3720 V/m
546	09/12/2012 11:39:37 AM	0.4229 V/m	0.3931 V/m	0.3646 V/m
547	09/12/2012 11:39:47 AM	0.4071 V/m	0.3821 V/m	0.3421 V/m
548	09/12/2012 11:39:57 AM	0.4356 V/m	0.4005 V/m	0.3771 V/m
549	09/12/2012 11:40:07 AM	0.4499 V/m	0.4097 V/m	0.3646 V/m
550	09/12/2012 11:40:17 AM	0.4071 V/m	0.3757 V/m	0.3484 V/m
551	09/12/2012 11:40:27 AM	0.3913 V/m	0.3598 V/m	0.3324 V/m
552	09/12/2012 11:40:37 AM	0.4084 V/m	0.3719 V/m	0.3348 V/m
553	09/12/2012 11:40:47 AM	0.4144 V/m	0.3813 V/m	0.3547 V/m
554	09/12/2012 11:40:57 AM	0.4223 V/m	0.3898 V/m	0.3516 V/m
555	09/12/2012 11:41:07 AM	0.4300 V/m	0.4063 V/m	0.3807 V/m
556	09/12/2012 11:41:17 AM	0.4064 V/m	0.3818 V/m	0.3600 V/m
557	09/12/2012 11:41:27 AM	0.4118 V/m	0.3885 V/m	0.3630 V/m
558	09/12/2012 11:41:37 AM	0.3871 V/m	0.3689 V/m	0.3484 V/m
559	09/12/2012 11:41:47 AM	0.3962 V/m	0.3690 V/m	0.3356 V/m
560	09/12/2012 11:41:57 AM	0.4098 V/m	0.3815 V/m	0.3437 V/m
561	09/12/2012 11:42:07 AM	0.3843 V/m	0.3595 V/m	0.3307 V/m
562	09/12/2012 11:42:17 AM	0.3631 V/m	0.3420 V/m	0.3206 V/m
563	09/12/2012 11:42:27 AM	0.3800 V/m	0.3634 V/m	0.3453 V/m
564	09/12/2012 11:42:37 AM	0.4105 V/m	0.3781 V/m	0.3523 V/m
565	09/12/2012 11:42:47 AM	0.4084 V/m	0.3753 V/m	0.3429 V/m
566	09/12/2012 11:42:57 AM	0.4051 V/m	0.3840 V/m	0.3381 V/m
567	09/12/2012 11:43:07 AM	0.3920 V/m	0.3623 V/m	0.3340 V/m
568	09/12/2012 11:43:17 AM	0.3646 V/m	0.3419 V/m	0.3111 V/m
569	09/12/2012 11:43:27 AM	0.3661 V/m	0.3479 V/m	0.3274 V/m
570	09/12/2012 11:43:37 AM	0.3638 V/m	0.3424 V/m	0.3189 V/m
571	09/12/2012 11:43:47 AM	0.3630 V/m	0.3391 V/m	0.3155 V/m
572	09/12/2012 11:43:57 AM	0.3712 V/m	0.3454 V/m	0.3223 V/m
573	09/12/2012 11:44:07 AM	0.3698 V/m	0.3425 V/m	0.3155 V/m
574	09/12/2012 11:44:17 AM	0.3913 V/m	0.3663 V/m	0.3340 V/m
575	09/12/2012 11:44:27 AM	0.3807 V/m	0.3433 V/m	0.3164 V/m
576	09/12/2012 11:44:37 AM	0.3785 V/m	0.3450 V/m	0.3164 V/m
577	09/12/2012 11:44:47 AM	0.3653 V/m	0.3395 V/m	0.3164 V/m
578	09/12/2012 11:44:57 AM	0.3885 V/m	0.3535 V/m	0.3348 V/m
579	09/12/2012 11:45:07 AM	0.3920 V/m	0.3645 V/m	0.3257 V/m
580	09/12/2012 11:45:17 AM	0.3829 V/m	0.3651 V/m	0.3405 V/m
581	09/12/2012 11:45:27 AM	0.3800 V/m	0.3651 V/m	0.3397 V/m
582	09/12/2012 11:45:37 AM	0.3878 V/m	0.3648 V/m	0.3405 V/m
583	09/12/2012 11:45:47 AM	0.3969 V/m	0.3790 V/m	0.3577 V/m
584	09/12/2012 11:45:57 AM	0.4037 V/m	0.3802 V/m	0.3577 V/m
585	09/12/2012 11:46:07 AM	0.4064 V/m	0.3711 V/m	0.3469 V/m
586	09/12/2012 11:46:17 AM	0.4051 V/m	0.3708 V/m	0.3429 V/m
587	09/12/2012 11:46:27 AM	0.3955 V/m	0.3698 V/m	0.3461 V/m
588	09/12/2012 11:46:37 AM	0.3989 V/m	0.3776 V/m	0.3554 V/m
589	09/12/2012 11:46:47 AM	0.4177 V/m	0.3750 V/m	0.3453 V/m
590	09/12/2012 11:46:57 AM	0.4017 V/m	0.3707 V/m	0.3429 V/m
591	09/12/2012 11:47:07 AM	0.4044 V/m	0.3747 V/m	0.3469 V/m
592	09/12/2012 11:47:17 AM	0.3989 V/m	0.3814 V/m	0.3631 V/m
593	09/12/2012 11:47:27 AM	0.3892 V/m	0.3641 V/m	0.3500 V/m
594	09/12/2012 11:47:37 AM	0.3843 V/m	0.3679 V/m	0.3508 V/m
595	09/12/2012 11:47:47 AM	0.3899 V/m	0.3648 V/m	0.3397 V/m
596	09/12/2012 11:47:57 AM	0.3857 V/m	0.3633 V/m	0.3429 V/m
597	09/12/2012 11:48:07 AM	0.3892 V/m	0.3664 V/m	0.3405 V/m
598	09/12/2012 11:48:17 AM	0.3989 V/m	0.3787 V/m	0.3623 V/m

599	09/12/2012 11:48:27 AM	0.4118 V/m	0.3862 V/m	0.3675 V/m
600	09/12/2012 11:48:37 AM	0.3927 V/m	0.3596 V/m	0.3223 V/m
601	09/12/2012 11:48:47 AM	0.3892 V/m	0.3634 V/m	0.3397 V/m
602	09/12/2012 11:48:57 AM	0.3749 V/m	0.3562 V/m	0.3389 V/m
603	09/12/2012 11:49:07 AM	0.3712 V/m	0.3517 V/m	0.3282 V/m
604	09/12/2012 11:49:17 AM	0.3712 V/m	0.3539 V/m	0.3232 V/m
605	09/12/2012 11:49:27 AM	0.3793 V/m	0.3572 V/m	0.3340 V/m
606	09/12/2012 11:49:37 AM	0.3661 V/m	0.3491 V/m	0.3315 V/m
607	09/12/2012 11:49:47 AM	0.3793 V/m	0.3529 V/m	0.3164 V/m
608	09/12/2012 11:49:57 AM	0.3705 V/m	0.3464 V/m	0.3206 V/m
609	09/12/2012 11:50:07 AM	0.3734 V/m	0.3590 V/m	0.3340 V/m
610	09/12/2012 11:50:17 AM	0.3814 V/m	0.3578 V/m	0.3315 V/m
611	09/12/2012 11:50:27 AM	0.3661 V/m	0.3491 V/m	0.3266 V/m
612	09/12/2012 11:50:37 AM	0.3623 V/m	0.3384 V/m	0.3085 V/m
613	09/12/2012 11:50:47 AM	0.3646 V/m	0.3391 V/m	0.3129 V/m
614	09/12/2012 11:50:57 AM	0.3683 V/m	0.3460 V/m	0.3223 V/m
615	09/12/2012 11:51:07 AM	0.3675 V/m	0.3498 V/m	0.3316 V/m
616	09/12/2012 11:51:17 AM	0.3600 V/m	0.3338 V/m	0.3076 V/m
617	09/12/2012 11:51:27 AM	0.3698 V/m	0.3431 V/m	0.3207 V/m
618	09/12/2012 11:51:37 AM	0.3705 V/m	0.3465 V/m	0.3249 V/m
619	09/12/2012 11:51:47 AM	0.3675 V/m	0.3473 V/m	0.3198 V/m
620	09/12/2012 11:51:57 AM	0.3600 V/m	0.3339 V/m	0.3076 V/m
621	09/12/2012 11:52:07 AM	0.3646 V/m	0.3346 V/m	0.3138 V/m
622	09/12/2012 11:52:17 AM	0.3469 V/m	0.3223 V/m	0.2967 V/m
623	09/12/2012 11:52:27 AM	0.3660 V/m	0.3412 V/m	0.3181 V/m
624	09/12/2012 11:52:37 AM	0.3814 V/m	0.3554 V/m	0.3299 V/m
625	09/12/2012 11:52:47 AM	0.3857 V/m	0.3617 V/m	0.3348 V/m
626	09/12/2012 11:52:57 AM	0.3742 V/m	0.3603 V/m	0.3348 V/m
627	09/12/2012 11:53:07 AM	0.3800 V/m	0.3520 V/m	0.3249 V/m
628	09/12/2012 11:53:17 AM	0.3668 V/m	0.3547 V/m	0.3413 V/m
629	09/12/2012 11:53:27 AM	0.3828 V/m	0.3559 V/m	0.3172 V/m
630	09/12/2012 11:53:37 AM	0.3800 V/m	0.3486 V/m	0.3189 V/m
631	09/12/2012 11:53:47 AM	0.3531 V/m	0.3238 V/m	0.2958 V/m
632	09/12/2012 11:53:57 AM	0.3771 V/m	0.3422 V/m	0.3164 V/m
633	09/12/2012 11:54:07 AM	0.3843 V/m	0.3621 V/m	0.3389 V/m
634	09/12/2012 11:54:17 AM	0.3836 V/m	0.3422 V/m	0.3049 V/m
635	09/12/2012 11:54:27 AM	0.3600 V/m	0.3328 V/m	0.3155 V/m
636	09/12/2012 11:54:37 AM	0.3720 V/m	0.3456 V/m	0.3249 V/m
637	09/12/2012 11:54:47 AM	0.3871 V/m	0.3545 V/m	0.3274 V/m
638	09/12/2012 11:54:57 AM	0.4084 V/m	0.3777 V/m	0.3500 V/m
639	09/12/2012 11:55:07 AM	0.3955 V/m	0.3746 V/m	0.3476 V/m
640	09/12/2012 11:55:17 AM	0.3878 V/m	0.3635 V/m	0.3249 V/m
641	09/12/2012 11:55:27 AM	0.3698 V/m	0.3413 V/m	0.3138 V/m
642	09/12/2012 11:55:37 AM	0.3413 V/m	0.3183 V/m	0.2958 V/m
643	09/12/2012 11:55:47 AM	0.3508 V/m	0.3274 V/m	0.2949 V/m
644	09/12/2012 11:55:57 AM	0.3381 V/m	0.3192 V/m	0.2902 V/m
645	09/12/2012 11:56:07 AM	0.3477 V/m	0.3247 V/m	0.2902 V/m
646	09/12/2012 11:56:17 AM	0.3554 V/m	0.3207 V/m	0.2902 V/m
647	09/12/2012 11:56:27 AM	0.3516 V/m	0.3252 V/m	0.3076 V/m
648	09/12/2012 11:56:37 AM	0.3705 V/m	0.3385 V/m	0.3172 V/m
649	09/12/2012 11:56:47 AM	0.3913 V/m	0.3612 V/m	0.3348 V/m
650	09/12/2012 11:56:57 AM	0.3955 V/m	0.3567 V/m	0.3299 V/m
651	09/12/2012 11:57:07 AM	0.3899 V/m	0.3403 V/m	0.2930 V/m
652	09/12/2012 11:57:17 AM	0.3720 V/m	0.3287 V/m	0.2967 V/m
653	09/12/2012 11:57:27 AM	0.3705 V/m	0.3498 V/m	0.3240 V/m

654	09/12/2012 11:57:37 AM	0.4010 V/m	0.3728 V/m	0.3500 V/m
655	09/12/2012 11:57:47 AM	0.3793 V/m	0.3534 V/m	0.3324 V/m
656	09/12/2012 11:57:57 AM	0.3785 V/m	0.3534 V/m	0.3299 V/m
657	09/12/2012 11:58:07 AM	0.3756 V/m	0.3508 V/m	0.3291 V/m
658	09/12/2012 11:58:17 AM	0.3807 V/m	0.3459 V/m	0.3207 V/m
659	09/12/2012 11:58:27 AM	0.3623 V/m	0.3398 V/m	0.3172 V/m
660	09/12/2012 11:58:37 AM	0.3562 V/m	0.3287 V/m	0.2883 V/m
661	09/12/2012 11:58:47 AM	0.3539 V/m	0.3207 V/m	0.2930 V/m
662	09/12/2012 11:58:57 AM	0.3554 V/m	0.3293 V/m	0.3004 V/m
663	09/12/2012 11:59:07 AM	0.3864 V/m	0.3504 V/m	0.3031 V/m
664	09/12/2012 11:59:17 AM	0.3899 V/m	0.3549 V/m	0.3155 V/m
665	09/12/2012 11:59:27 AM	0.3764 V/m	0.3316 V/m	0.2967 V/m
666	09/12/2012 11:59:37 AM	0.3405 V/m	0.3167 V/m	0.2930 V/m
667	09/12/2012 11:59:47 AM	0.3421 V/m	0.3144 V/m	0.2796 V/m
668	09/12/2012 11:59:57 AM	0.3878 V/m	0.3509 V/m	0.3223 V/m
669	09/12/2012 12:00:07 PM	0.4177 V/m	0.3680 V/m	0.3332 V/m
670	09/12/2012 12:00:17 PM	0.3955 V/m	0.3647 V/m	0.3146 V/m
671	09/12/2012 12:00:27 PM	0.3727 V/m	0.3413 V/m	0.3146 V/m
672	09/12/2012 12:00:37 PM	0.3623 V/m	0.3451 V/m	0.3223 V/m
673	09/12/2012 12:00:47 PM	0.4138 V/m	0.3684 V/m	0.3461 V/m
674	09/12/2012 12:00:57 PM	0.3941 V/m	0.3674 V/m	0.3299 V/m
675	09/12/2012 12:01:07 PM	0.3864 V/m	0.3581 V/m	0.3373 V/m
676	09/12/2012 12:01:17 PM	0.3727 V/m	0.3509 V/m	0.3257 V/m
677	09/12/2012 12:01:27 PM	0.3698 V/m	0.3498 V/m	0.3240 V/m
678	09/12/2012 12:01:37 PM	0.3705 V/m	0.3433 V/m	0.3215 V/m
679	09/12/2012 12:01:47 PM	0.3941 V/m	0.3573 V/m	0.3299 V/m
680	09/12/2012 12:01:57 PM	0.3828 V/m	0.3675 V/m	0.3429 V/m
681	09/12/2012 12:02:07 PM	0.3712 V/m	0.3538 V/m	0.3316 V/m
682	09/12/2012 12:02:17 PM	0.3906 V/m	0.3649 V/m	0.3282 V/m
683	09/12/2012 12:02:27 PM	0.3857 V/m	0.3629 V/m	0.3299 V/m
684	09/12/2012 12:02:37 PM	0.4037 V/m	0.3696 V/m	0.3437 V/m
685	09/12/2012 12:02:47 PM	0.3892 V/m	0.3645 V/m	0.3429 V/m
686	09/12/2012 12:02:57 PM	0.3742 V/m	0.3480 V/m	0.3138 V/m
687	09/12/2012 12:03:07 PM	0.3927 V/m	0.3664 V/m	0.3413 V/m
688	09/12/2012 12:03:17 PM	0.3843 V/m	0.3622 V/m	0.3405 V/m
689	09/12/2012 12:03:27 PM	0.3829 V/m	0.3668 V/m	0.3437 V/m
690	09/12/2012 12:03:37 PM	0.3989 V/m	0.3643 V/m	0.3389 V/m
691	09/12/2012 12:03:47 PM	0.3608 V/m	0.3394 V/m	0.3198 V/m
692	09/12/2012 12:03:57 PM	0.3800 V/m	0.3547 V/m	0.3274 V/m
693	09/12/2012 12:04:07 PM	0.3829 V/m	0.3543 V/m	0.3206 V/m
694	09/12/2012 12:04:17 PM	0.3778 V/m	0.3494 V/m	0.3189 V/m
695	09/12/2012 12:04:27 PM	0.3668 V/m	0.3460 V/m	0.3274 V/m
696	09/12/2012 12:04:37 PM	0.3638 V/m	0.3386 V/m	0.2976 V/m
697	09/12/2012 12:04:47 PM	0.3631 V/m	0.3382 V/m	0.3085 V/m
698	09/12/2012 12:04:57 PM	0.3712 V/m	0.3314 V/m	0.2967 V/m
699	09/12/2012 12:05:07 PM	0.3562 V/m	0.3332 V/m	0.3163 V/m
700	09/12/2012 12:05:17 PM	0.3814 V/m	0.3422 V/m	0.3129 V/m
701	09/12/2012 12:05:27 PM	0.3585 V/m	0.3229 V/m	0.2845 V/m
702	09/12/2012 12:05:37 PM	0.3600 V/m	0.3238 V/m	0.2806 V/m
703	09/12/2012 12:05:47 PM	0.3712 V/m	0.3379 V/m	0.3181 V/m
704	09/12/2012 12:05:57 PM	0.3445 V/m	0.3235 V/m	0.3022 V/m
705	09/12/2012 12:06:07 PM	0.3413 V/m	0.3184 V/m	0.2893 V/m
706	09/12/2012 12:06:17 PM	0.3461 V/m	0.3233 V/m	0.2864 V/m
707	09/12/2012 12:06:27 PM	0.3484 V/m	0.3175 V/m	0.2939 V/m
708	09/12/2012 12:06:37 PM	0.3531 V/m	0.3280 V/m	0.2921 V/m

709	09/12/2012 12:06:47 PM	0.3764 V/m	0.3474 V/m	0.3181 V/m
710	09/12/2012 12:06:57 PM	0.3615 V/m	0.3435 V/m	0.3223 V/m
711	09/12/2012 12:07:07 PM	0.3828 V/m	0.3636 V/m	0.3453 V/m
712	09/12/2012 12:07:17 PM	0.3913 V/m	0.3717 V/m	0.3554 V/m
713	09/12/2012 12:07:27 PM	0.3927 V/m	0.3755 V/m	0.3531 V/m
714	09/12/2012 12:07:37 PM	0.3934 V/m	0.3731 V/m	0.3453 V/m
715	09/12/2012 12:07:47 PM	0.4057 V/m	0.3833 V/m	0.3593 V/m
716	09/12/2012 12:07:57 PM	0.4003 V/m	0.3762 V/m	0.3469 V/m
717	09/12/2012 12:08:07 PM	0.3955 V/m	0.3799 V/m	0.3615 V/m
718	09/12/2012 12:08:17 PM	0.4051 V/m	0.3679 V/m	0.3340 V/m
719	09/12/2012 12:08:27 PM	0.3638 V/m	0.3467 V/m	0.3206 V/m
720	09/12/2012 12:08:37 PM	0.3857 V/m	0.3620 V/m	0.3356 V/m

Graph


Marker: 10:28:57 AM
Limit: 7.000 V/m
Max: 0.4131 V/m
Avg: 0.3869 V/m
Min: 0.369 V/m
Zoomed
Timer Logging
Interval: 10s
10
1
E-Field [V/m]
10:08:37 AM
600s / Division
Period: 02:00:00
12:08:37 PM
09/12/2012

Parameters

Number of Sub Indices	720
Storing Date	09/12/2012
Storing Time	10:08:37 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 MHz
Apply Correction Frequency	OFF
Eref_E(f)	61.40 V/m
Eref_H(f)	61.45 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	-

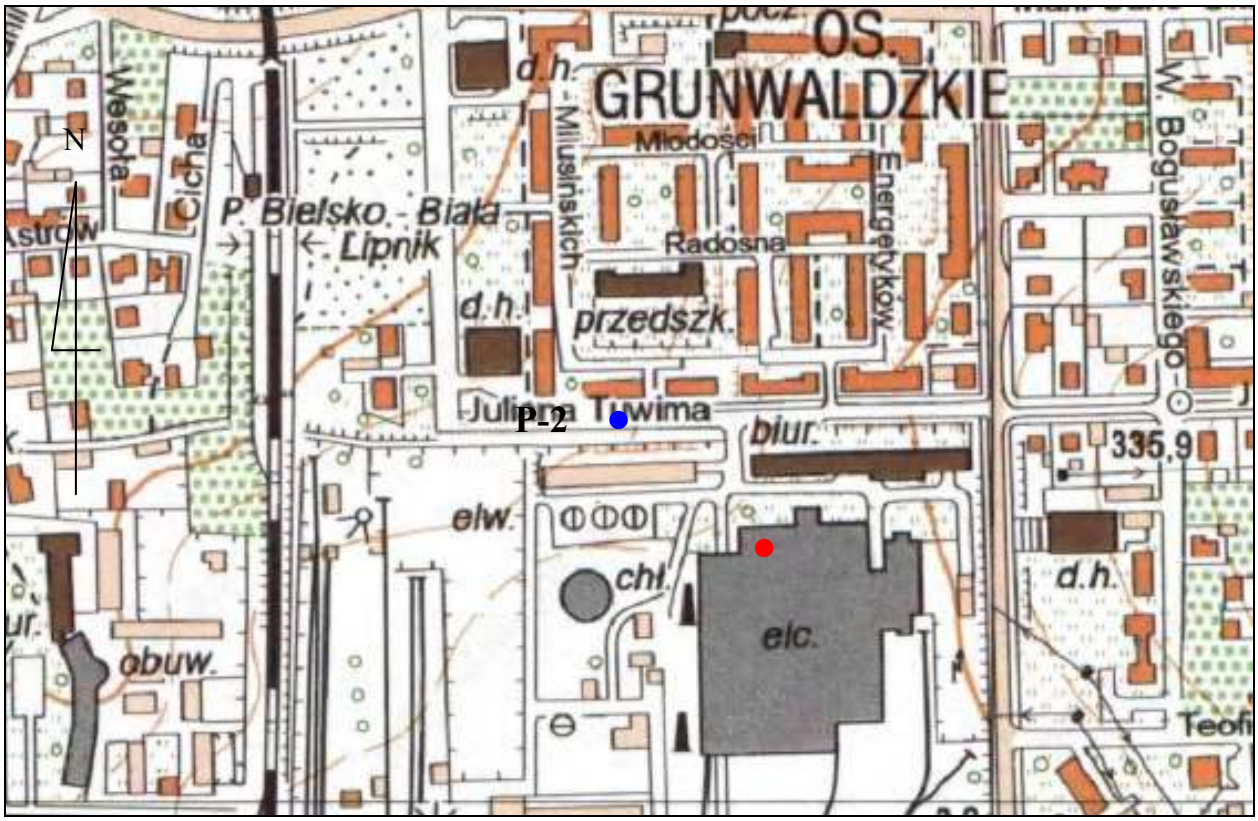
FOTOGRAFIE REJONU BADAŃ:

Fot. 1. Rejon badań, widok w kierunku wschodnim

Fot. 2. Rejon badań, widok w kierunku zachodnim

Fot. 3. Rejon badań, widok w kierunku północnym

Fot. 4. Przyrząd pomiarowy w trakcie prowadzonego badania



BIELSKO-BIAŁA

Oznaczenia:

- P-2 – punkt pomiarowy poziomów pól elektromagnetycznych w środowisku
- – lokalizacja instalacji radiokomunikacyjnych

Ryc. Szkic sytuacyjny rejonu badań.