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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Nr sprawy: LB.7071.3.2014
PROTOKÓŁ Z POMIARÓW nr 3/3/2014/1/PEM

SPRAWOZDANIE Z MONITORINGOWEGO POMIARU PÓL ELEKTROMAGNETYCZNYCH nr: 176/2014

Instalacja: Stacje bazowe: TYC0078A i 2227 TYCHY H

Miejsce pomiarów: Tychy, dzielnica centrum, ul. Reymonta;

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

Data oraz godzina wykonania pomiarów: 20.03.2014, godzina 10:26-12:26;

Pora wykonania pomiarów : dzień.

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 południowych obrzeżach centralnej części miasta Tychy, w rozumieniu wytycznych Rozporządzenia Ministra Środowiska z dnia 12 listopada 2007 r. (Dz. U. Nr 221, Poz. 1645), w ramach programu Państwowego Monitoringu Środowiska.

3. TEREN BADAŃ

Punkt pomiarowy P-1 poziomów pól elektromagnetycznych w środowisku zlokalizowano w granicach administracyjnych miasta Tychy, w południowej części centralnej dzielnicy miasta, przy ul. Reymonta. Zgodnie z obowiązującym Rozporządzeniem wprowadzającym metodykę pomiarów, wysokość posadowienia sondy pomiarowej wyniosła h: 2 m n.p.t. W najbliższym sąsiedztwie punktu pomiarowego P-1, zagospodarowanie terenu stanowi zabudowa mieszkaniowa wielorodzinna, kilku- i kilkunastokondygnacyjna. Najbliższy obiekt budowlany – czterokondygnacyjny budynek mieszkalny wielorodzinny, oddalony od punktu pomiarowego o około 42 m znajduje się w kierunku północno-zachodnim. Punkt pomiarowy usytuowano w pasie zieleni pomiędzy parkingiem osiedlowym a jezdnią ul. Reymonta.
W promieniu <300 m od P-1 na dachu budynku przy ul. Reymonta 60, zlokalizowane są dwie instalacje radiokomunikacyjne w postaci stacji bazowych telefonii komórkowych. Odległość punktu pomiarowego od rzutu pionowego instalacji wynosi około 161m.

Klasyfikacja rodzaju terenu wg wytycznych przedmiotowego Rozporządzenia:

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

Nomenklatura jednostki terytorialnej (NTS):

Tychy 5.2.24.51.77.01.1

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

N 50^0 6′ 50,9″
E 18^0 58′ 06,2″;

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 = 42 [m] - od elewacji budynku mieszkalnego wielorodzinnego przy ul Reymonta.

Lokalizacja punktu pomiarowego – pas zieleni pomiędzy osiedlowym parkingiem a jezdnią ul. Reymonta.

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 poniżej:

Tabela 1

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

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

Typ: EF0391, E-Field
P/N: 2402/01
S/N: A-0882
Producent: j.w.
Zakres: 100 kHz – 3 GHz
Charakterystyka częstotliwościowa czułości:
+/- 1 dB (1MHz – 1 GHz)
+/- 1,25dB (1GHz – 2,45 GHz)</td><td>Przyrząd pomiarowy</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">20-03-2014 r.
10:26:47–12:26:47</td><td colspan="2">Wyniki pomiarów:</td></tr>
<tr><td>T [°C]</td><td>13,1 – 18,1</td></tr>
<tr><td>RH [%]</td><td>41 – 53</td></tr>
<tr><td>Częstotliwość próbkowania</td><td>f: 10 sec.</td><td colspan="2">UWAGI:
Pogodnie;
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:

  - *Świadectwo wzorcowania* nr LWiMP/W/156/13 z dnia 04.10.2013 r., wystawione przez Laboratorium Wzorców i Metrologii Pola Elektromagnetycznego (LWiMP) Politechniki Wrocławskiej;

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

  - *Świadectwo wzorcowania* nr LWiMP/W/156/13 z dnia 04.10.2013 r., wystawione przez Laboratorium Wzorców i Metrologii Pola Elektromagnetycznego (LWiMP) Politechniki Wrocławskiej;

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 161 m od punktu pomiarowego P-1, w kierunku północnym, znajduje się jedenastokondygnacyjny budynek mieszkalny przy ul. Reymonta 60, na duchu którego zainstalowano anteny nadawczo-odbiorcze 2 stacji bazowych telefonii komórkowej administrowanych przez P4 Sp. z o.o. oraz Orange Polska S.A.. W tabelach 2 i 3 przedstawiono podstawową specyfikacje techniczną instalacji na podstawie danych uzyskanych od operatorów sieci.

Tabela 2

Zarządzający instalacją:
Orange Polska S.A.
Al. Jerozolimskie 160
02-326 Warszawa

Nazwa instalacji wg nomenklatury użytkownika:
Oznaczenie stacji bazowej: **2227 TYCHY H**

Lokalizacja:
Dach budynku mieszkalnego przy ul. Reymonta 60

Lp.	Azymut [^{0}]	Typ anteny	Pasmo (system) pracy [MHz]	Wysokość zawieszenia H [m] n.p.t.	EIRP $_{max}$ [W]
1.	45	Antena sektorowa	900 (GSM) 1800 (DCS) 2100 (UMTS) 1800 (LTE)	32,0	2 080 2 080 4 448 1 384
2.	135	Antena sektorowa	900 (GSM) 1800 (DCS) 2100 (UMTS) 1800 (LTE)	32,0	2 080 2 080 4 448 1 384
3.	220	Antena sektorowa	900 (GSM) 1800 (DCS) 2100 (UMTS) 1800 (LTE)	32,0	2 080 2 080 4 448 1 384
4.	300	Antena sektorowa	900 (GSM) 1800 (DCS) 2100 (UMTS) 1800 (LTE)	32,0	2 080 2 080 4 448 1 384

EIRP $_{max}$, łącznie ze wszystkich anten sektorowych przedmiotowej instalacji: **39 968** [W].

Objaśnienia:

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

Tabela 3

<u>Zarządzający instalacją</u>:
P4 Sp. z o.o.
ul. Taśmowa 7
01-677 Warszawa

<u>Nazwa instalacji wg nomenklatury użytkownika:</u>
Stacja bazowa nr: **TYC0078A**

<u>Lokalizacja:</u>
Ul. Reymonta 60

Lp.	**Azymut [^{0}]**	**Typ anteny**	**Pasmo (system) pracy [MHz]**	**Wysokość zawieszenia H [m] n.p.t.**	**EIRP $_{max}$ [W]**
1.	Sektor I	Antena sektorowa	1800 (GSM)	32,0	5 888
2.	Sektor II	Antena sektorowa	1800 (GSM)	32,0	4 898
3.	Sektor III	Antena sektorowa	1800 (GSM)	32,0	1 950
4.	Sektor IV	Antena sektorowa	2100 (UMTS)	31,4	3 715
5.	Sektor V	Antena sektorowa	2100 (UMTS)	31,4	933
6.	Sektor VI	Antena sektorowa	2100 (UMTS)	31,4	933
7.	Sektor VII	Antena sektorowa	900 (GSM)	32,0	4 169
8.	Sektor VIII	Antena sektorowa	900 (GSM)	32,0	3 162
9.	Sektor IX	Antena sektorowa	900 (GSM)	32,0	3 162

EIRP $_{max}$, łącznie ze wszystkich anten sektorowych przedmiotowej instalacji: **28 810** [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 (27/PEM/m) ul. Reymonta Dzielnica - Centrum Miasto – Tychy	0,42	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 Communications Company

Test Report

Date 03/20/2014
Time 10:26:47 AM
Page 1

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
Punkt obserwacji P-1, ul. Reymonta Miasto (powiat) - Tychy, województwo śląskie.	Latitude: 50.11422 Longitude: 18.96828

Comment
Pomiary poziomów pól elektromagnetycznych 100 kHz - 3 GHz (składowej elektrycznej E) w środowisku; Teren zabudowy mieszkaniowej wielorodzinnej; 20.03.2014 r. Tychy, 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 2014 rok.

Measured Values

Zoomed

Timer: Start Time 10:26:47 AM, Period 2h 0' 0", Interval 10s

Index	Date/Time	Zero	Max (E-Field)	Avg (E-Field)	Min (E-Field)
1	03/20/2014 10:26:57 AM		0.5071 V/m	0.4612 V/m	0.3844 V/m
2	03/20/2014 10:27:07 AM		0.4900 V/m	0.4601 V/m	0.4261 V/m
3	03/20/2014 10:27:17 AM		0.5065 V/m	0.4597 V/m	0.4357 V/m
4	03/20/2014 10:27:27 AM		0.4912 V/m	0.4501 V/m	0.4190 V/m
5	03/20/2014 10:27:37 AM		0.4945 V/m	0.4631 V/m	0.4170 V/m
6	03/20/2014 10:27:47 AM		0.4945 V/m	0.4655 V/m	0.4338 V/m
7	03/20/2014 10:27:57 AM		0.5044 V/m	0.4651 V/m	0.4325 V/m
8	03/20/2014 10:28:07 AM		0.5119 V/m	0.4701 V/m	0.4242 V/m
9	03/20/2014 10:28:17 AM		0.5065 V/m	0.4661 V/m	0.4319 V/m
10	03/20/2014 10:28:27 AM		0.5235 V/m	0.4833 V/m	0.4571 V/m
11	03/20/2014 10:28:37 AM		0.5027 V/m	0.4730 V/m	0.4369 V/m
12	03/20/2014 10:28:47 AM		0.5071 V/m	0.4789 V/m	0.4613 V/m
13	03/20/2014 10:28:57 AM		0.5016 V/m	0.4708 V/m	0.4375 V/m
14	03/20/2014 10:29:07 AM		0.4833 V/m	0.4589 V/m	0.4274 V/m
15	03/20/2014 10:29:17 AM		0.4805 V/m	0.4510 V/m	0.4098 V/m
16	03/20/2014 10:29:27 AM		0.5044 V/m	0.4573 V/m	0.4144 V/m
17	03/20/2014 10:29:37 AM		0.4983 V/m	0.4597 V/m	0.4344 V/m
18	03/20/2014 10:29:47 AM		0.4648 V/m	0.4390 V/m	0.4197 V/m
19	03/20/2014 10:29:57 AM		0.4419 V/m	0.4198 V/m	0.3976 V/m
20	03/20/2014 10:30:07 AM		0.4529 V/m	0.4287 V/m	0.4003 V/m
21	03/20/2014 10:30:17 AM		0.4856 V/m	0.4466 V/m	0.4177 V/m
22	03/20/2014 10:30:27 AM		0.4648 V/m	0.4419 V/m	0.4131 V/m
23	03/20/2014 10:30:37 AM		0.4601 V/m	0.4384 V/m	0.4236 V/m
24	03/20/2014 10:30:47 AM		0.4431 V/m	0.4292 V/m	0.4111 V/m
25	03/20/2014 10:30:57 AM		0.4419 V/m	0.4220 V/m	0.4003 V/m
26	03/20/2014 10:31:07 AM		0.4394 V/m	0.4136 V/m	0.3955 V/m
27	03/20/2014 10:31:17 AM		0.4419 V/m	0.4161 V/m	0.3989 V/m
28	03/20/2014 10:31:27 AM		0.4601 V/m	0.4254 V/m	0.3976 V/m
29	03/20/2014 10:31:37 AM		0.4672 V/m	0.4395 V/m	0.4111 V/m
30	03/20/2014 10:31:47 AM		0.4613 V/m	0.4305 V/m	0.4051 V/m
31	03/20/2014 10:31:57 AM		0.4839 V/m	0.4460 V/m	0.4104 V/m
32	03/20/2014 10:32:07 AM		0.4799 V/m	0.4500 V/m	0.3969 V/m
33	03/20/2014 10:32:17 AM		0.4878 V/m	0.4427 V/m	0.4071 V/m
34	03/20/2014 10:32:27 AM		0.4844 V/m	0.4318 V/m	0.3989 V/m
35	03/20/2014 10:32:37 AM		0.4350 V/m	0.4147 V/m	0.3871 V/m
36	03/20/2014 10:32:47 AM		0.4331 V/m	0.4161 V/m	0.3892 V/m
37	03/20/2014 10:32:57 AM		0.4493 V/m	0.4238 V/m	0.3976 V/m
38	03/20/2014 10:33:07 AM		0.4462 V/m	0.4231 V/m	0.4044 V/m
39	03/20/2014 10:33:17 AM		0.4406 V/m	0.4228 V/m	0.3955 V/m
40	03/20/2014 10:33:27 AM		0.4601 V/m	0.4299 V/m	0.4024 V/m
41	03/20/2014 10:33:37 AM		0.4375 V/m	0.4171 V/m	0.3969 V/m
42	03/20/2014 10:33:47 AM		0.4856 V/m	0.4385 V/m	0.4003 V/m
43	03/20/2014 10:33:57 AM		0.4589 V/m	0.4294 V/m	0.3996 V/m
44	03/20/2014 10:34:07 AM		0.4956 V/m	0.4613 V/m	0.4255 V/m
45	03/20/2014 10:34:17 AM		0.5022 V/m	0.4638 V/m	0.4197 V/m
46	03/20/2014 10:34:27 AM		0.5209 V/m	0.4799 V/m	0.4431 V/m
47	03/20/2014 10:34:37 AM		0.5329 V/m	0.4699 V/m	0.4151 V/m
48	03/20/2014 10:34:47 AM		0.4906 V/m	0.4560 V/m	0.4104 V/m

49	03/20/2014 10:34:57 AM	0.4912 V/m	0.4569 V/m	0.4287 V/m
50	03/20/2014 10:35:07 AM	0.4613 V/m	0.4436 V/m	0.4274 V/m
51	03/20/2014 10:35:17 AM	0.4736 V/m	0.4534 V/m	0.4300 V/m
52	03/20/2014 10:35:27 AM	0.5103 V/m	0.4790 V/m	0.4529 V/m
53	03/20/2014 10:35:37 AM	0.5303 V/m	0.4895 V/m	0.4444 V/m
54	03/20/2014 10:35:47 AM	0.5251 V/m	0.4646 V/m	0.4306 V/m
55	03/20/2014 10:35:57 AM	0.5241 V/m	0.4658 V/m	0.4425 V/m
56	03/20/2014 10:36:07 AM	0.4736 V/m	0.4479 V/m	0.4124 V/m
57	03/20/2014 10:36:17 AM	0.4541 V/m	0.4286 V/m	0.4037 V/m
58	03/20/2014 10:36:27 AM	0.4619 V/m	0.4361 V/m	0.4118 V/m
59	03/20/2014 10:36:37 AM	0.4511 V/m	0.4150 V/m	0.3828 V/m
60	03/20/2014 10:36:47 AM	0.4678 V/m	0.4292 V/m	0.4044 V/m
61	03/20/2014 10:36:57 AM	0.4523 V/m	0.4301 V/m	0.4044 V/m
62	03/20/2014 10:37:07 AM	0.4331 V/m	0.4097 V/m	0.3927 V/m
63	03/20/2014 10:37:17 AM	0.4456 V/m	0.4212 V/m	0.4003 V/m
64	03/20/2014 10:37:27 AM	0.4505 V/m	0.4243 V/m	0.4010 V/m
65	03/20/2014 10:37:37 AM	0.4369 V/m	0.4163 V/m	0.3871 V/m
66	03/20/2014 10:37:47 AM	0.4400 V/m	0.4194 V/m	0.4024 V/m
67	03/20/2014 10:37:57 AM	0.4559 V/m	0.4378 V/m	0.4164 V/m
68	03/20/2014 10:38:07 AM	0.4810 V/m	0.4370 V/m	0.4078 V/m
69	03/20/2014 10:38:17 AM	0.5193 V/m	0.4806 V/m	0.4350 V/m
70	03/20/2014 10:38:27 AM	0.4917 V/m	0.4624 V/m	0.4419 V/m
71	03/20/2014 10:38:37 AM	0.4782 V/m	0.4495 V/m	0.4098 V/m
72	03/20/2014 10:38:47 AM	0.4654 V/m	0.4428 V/m	0.4229 V/m
73	03/20/2014 10:38:57 AM	0.5027 V/m	0.4596 V/m	0.4210 V/m
74	03/20/2014 10:39:07 AM	0.4844 V/m	0.4570 V/m	0.4306 V/m
75	03/20/2014 10:39:17 AM	0.4787 V/m	0.4528 V/m	0.4331 V/m
76	03/20/2014 10:39:27 AM	0.4872 V/m	0.4624 V/m	0.4406 V/m
77	03/20/2014 10:39:37 AM	0.5011 V/m	0.4715 V/m	0.4425 V/m
78	03/20/2014 10:39:47 AM	0.4867 V/m	0.4529 V/m	0.4248 V/m
79	03/20/2014 10:39:57 AM	0.5081 V/m	0.4515 V/m	0.4157 V/m
80	03/20/2014 10:40:07 AM	0.5119 V/m	0.4752 V/m	0.4287 V/m
81	03/20/2014 10:40:17 AM	0.4724 V/m	0.4391 V/m	0.4157 V/m
82	03/20/2014 10:40:27 AM	0.4619 V/m	0.4439 V/m	0.4184 V/m
83	03/20/2014 10:40:37 AM	0.4742 V/m	0.4458 V/m	0.4124 V/m
84	03/20/2014 10:40:47 AM	0.4444 V/m	0.4262 V/m	0.4098 V/m
85	03/20/2014 10:40:57 AM	0.4571 V/m	0.4315 V/m	0.4010 V/m
86	03/20/2014 10:41:07 AM	0.5420 V/m	0.4741 V/m	0.4057 V/m
87	03/20/2014 10:41:17 AM	0.5178 V/m	0.4580 V/m	0.4184 V/m
88	03/20/2014 10:41:27 AM	0.4654 V/m	0.4361 V/m	0.4118 V/m
89	03/20/2014 10:41:37 AM	0.4369 V/m	0.4204 V/m	0.3989 V/m
90	03/20/2014 10:41:47 AM	0.4255 V/m	0.4039 V/m	0.3814 V/m
91	03/20/2014 10:41:57 AM	0.4718 V/m	0.4349 V/m	0.3976 V/m
92	03/20/2014 10:42:07 AM	0.4827 V/m	0.4509 V/m	0.4177 V/m
93	03/20/2014 10:42:17 AM	0.4523 V/m	0.4177 V/m	0.3836 V/m
94	03/20/2014 10:42:27 AM	0.4917 V/m	0.4489 V/m	0.4010 V/m
95	03/20/2014 10:42:37 AM	0.5240 V/m	0.4609 V/m	0.4190 V/m
96	03/20/2014 10:42:47 AM	0.4850 V/m	0.4437 V/m	0.4071 V/m
97	03/20/2014 10:42:57 AM	0.4642 V/m	0.4192 V/m	0.3913 V/m
98	03/20/2014 10:43:07 AM	0.4203 V/m	0.3955 V/m	0.3615 V/m
99	03/20/2014 10:43:17 AM	0.4064 V/m	0.3865 V/m	0.3675 V/m
100	03/20/2014 10:43:27 AM	0.4210 V/m	0.4037 V/m	0.3836 V/m
101	03/20/2014 10:43:37 AM	0.4431 V/m	0.4188 V/m	0.4003 V/m
102	03/20/2014 10:43:47 AM	0.4648 V/m	0.4335 V/m	0.4017 V/m
103	03/20/2014 10:43:57 AM	0.4344 V/m	0.4131 V/m	0.3878 V/m

104	03/20/2014 10:44:07 AM	0.4505 V/m	0.4223 V/m	0.3996 V/m
105	03/20/2014 10:44:17 AM	0.4437 V/m	0.4260 V/m	0.4030 V/m
106	03/20/2014 10:44:27 AM	0.4718 V/m	0.4284 V/m	0.4030 V/m
107	03/20/2014 10:44:37 AM	0.5108 V/m	0.4729 V/m	0.4030 V/m
108	03/20/2014 10:44:47 AM	0.4856 V/m	0.4632 V/m	0.4274 V/m
109	03/20/2014 10:44:57 AM	0.5303 V/m	0.4886 V/m	0.4369 V/m
110	03/20/2014 10:45:07 AM	0.5256 V/m	0.4892 V/m	0.4523 V/m
111	03/20/2014 10:45:17 AM	0.5011 V/m	0.4688 V/m	0.4268 V/m
112	03/20/2014 10:45:27 AM	0.4678 V/m	0.4468 V/m	0.4157 V/m
113	03/20/2014 10:45:37 AM	0.4678 V/m	0.4340 V/m	0.4051 V/m
114	03/20/2014 10:45:47 AM	0.4357 V/m	0.4134 V/m	0.3814 V/m
115	03/20/2014 10:45:57 AM	0.4474 V/m	0.4065 V/m	0.3892 V/m
116	03/20/2014 10:46:07 AM	0.4242 V/m	0.3976 V/m	0.3577 V/m
117	03/20/2014 10:46:17 AM	0.4078 V/m	0.3853 V/m	0.3484 V/m
118	03/20/2014 10:46:27 AM	0.4124 V/m	0.3972 V/m	0.3764 V/m
119	03/20/2014 10:46:37 AM	0.4229 V/m	0.3977 V/m	0.3645 V/m
120	03/20/2014 10:46:47 AM	0.4261 V/m	0.4009 V/m	0.3615 V/m
121	03/20/2014 10:46:57 AM	0.4431 V/m	0.4178 V/m	0.3948 V/m
122	03/20/2014 10:47:07 AM	0.4363 V/m	0.4106 V/m	0.3734 V/m
123	03/20/2014 10:47:17 AM	0.4375 V/m	0.4137 V/m	0.3892 V/m
124	03/20/2014 10:47:27 AM	0.4388 V/m	0.4076 V/m	0.3850 V/m
125	03/20/2014 10:47:37 AM	0.4595 V/m	0.4321 V/m	0.3983 V/m
126	03/20/2014 10:47:47 AM	0.4765 V/m	0.4447 V/m	0.4057 V/m
127	03/20/2014 10:47:57 AM	0.4547 V/m	0.4284 V/m	0.4024 V/m
128	03/20/2014 10:48:07 AM	0.4388 V/m	0.4138 V/m	0.3836 V/m
129	03/20/2014 10:48:17 AM	0.4375 V/m	0.4105 V/m	0.3857 V/m
130	03/20/2014 10:48:27 AM	0.4369 V/m	0.4095 V/m	0.3850 V/m
131	03/20/2014 10:48:37 AM	0.4493 V/m	0.4190 V/m	0.3976 V/m
132	03/20/2014 10:48:47 AM	0.4248 V/m	0.4010 V/m	0.3785 V/m
133	03/20/2014 10:48:57 AM	0.4190 V/m	0.3937 V/m	0.3660 V/m
134	03/20/2014 10:49:07 AM	0.4274 V/m	0.4116 V/m	0.3941 V/m
135	03/20/2014 10:49:17 AM	0.4248 V/m	0.4062 V/m	0.3864 V/m
136	03/20/2014 10:49:27 AM	0.4406 V/m	0.4173 V/m	0.3948 V/m
137	03/20/2014 10:49:37 AM	0.4261 V/m	0.4063 V/m	0.3836 V/m
138	03/20/2014 10:49:47 AM	0.4541 V/m	0.4215 V/m	0.3969 V/m
139	03/20/2014 10:49:57 AM	0.4331 V/m	0.4095 V/m	0.3742 V/m
140	03/20/2014 10:50:07 AM	0.4523 V/m	0.4251 V/m	0.3934 V/m
141	03/20/2014 10:50:17 AM	0.4589 V/m	0.4249 V/m	0.3941 V/m
142	03/20/2014 10:50:27 AM	0.4577 V/m	0.4364 V/m	0.4164 V/m
143	03/20/2014 10:50:37 AM	0.4535 V/m	0.4248 V/m	0.4030 V/m
144	03/20/2014 10:50:47 AM	0.4625 V/m	0.4280 V/m	0.3983 V/m
145	03/20/2014 10:50:57 AM	0.4571 V/m	0.4227 V/m	0.3836 V/m
146	03/20/2014 10:51:07 AM	0.4683 V/m	0.4163 V/m	0.3821 V/m
147	03/20/2014 10:51:17 AM	0.4413 V/m	0.4131 V/m	0.3920 V/m
148	03/20/2014 10:51:27 AM	0.4407 V/m	0.4169 V/m	0.3948 V/m
149	03/20/2014 10:51:37 AM	0.5103 V/m	0.4579 V/m	0.4137 V/m
150	03/20/2014 10:51:47 AM	0.4547 V/m	0.4276 V/m	0.4098 V/m
151	03/20/2014 10:51:57 AM	0.4413 V/m	0.4154 V/m	0.3941 V/m
152	03/20/2014 10:52:07 AM	0.4274 V/m	0.4050 V/m	0.3828 V/m
153	03/20/2014 10:52:17 AM	0.4261 V/m	0.4115 V/m	0.3899 V/m
154	03/20/2014 10:52:27 AM	0.4338 V/m	0.4043 V/m	0.3850 V/m
155	03/20/2014 10:52:37 AM	0.4431 V/m	0.4122 V/m	0.3734 V/m
156	03/20/2014 10:52:47 AM	0.4850 V/m	0.4407 V/m	0.4037 V/m
157	03/20/2014 10:52:57 AM	0.4707 V/m	0.4248 V/m	0.3814 V/m
158	03/20/2014 10:53:07 AM	0.4770 V/m	0.4287 V/m	0.4003 V/m

159	03/20/2014 10:53:17 AM	0.4742 V/m	0.4329 V/m	0.3899 V/m
160	03/20/2014 10:53:27 AM	0.4589 V/m	0.4211 V/m	0.3948 V/m
161	03/20/2014 10:53:37 AM	0.4388 V/m	0.4086 V/m	0.3683 V/m
162	03/20/2014 10:53:47 AM	0.4151 V/m	0.3923 V/m	0.3653 V/m
163	03/20/2014 10:53:57 AM	0.4480 V/m	0.4066 V/m	0.3705 V/m
164	03/20/2014 10:54:07 AM	0.4553 V/m	0.3987 V/m	0.3778 V/m
165	03/20/2014 10:54:17 AM	0.4236 V/m	0.4050 V/m	0.3836 V/m
166	03/20/2014 10:54:27 AM	0.4064 V/m	0.3825 V/m	0.3653 V/m
167	03/20/2014 10:54:37 AM	0.3996 V/m	0.3831 V/m	0.3668 V/m
168	03/20/2014 10:54:47 AM	0.4118 V/m	0.3886 V/m	0.3615 V/m
169	03/20/2014 10:54:57 AM	0.4511 V/m	0.4195 V/m	0.3857 V/m
170	03/20/2014 10:55:07 AM	0.4505 V/m	0.4280 V/m	0.4010 V/m
171	03/20/2014 10:55:17 AM	0.4382 V/m	0.4062 V/m	0.3857 V/m
172	03/20/2014 10:55:27 AM	0.4131 V/m	0.3955 V/m	0.3690 V/m
173	03/20/2014 10:55:37 AM	0.4131 V/m	0.3958 V/m	0.3749 V/m
174	03/20/2014 10:55:47 AM	0.4164 V/m	0.4021 V/m	0.3821 V/m
175	03/20/2014 10:55:57 AM	0.4084 V/m	0.3902 V/m	0.3690 V/m
176	03/20/2014 10:56:07 AM	0.4170 V/m	0.3929 V/m	0.3675 V/m
177	03/20/2014 10:56:17 AM	0.4344 V/m	0.4031 V/m	0.3814 V/m
178	03/20/2014 10:56:27 AM	0.4210 V/m	0.3998 V/m	0.3778 V/m
179	03/20/2014 10:56:37 AM	0.4274 V/m	0.4050 V/m	0.3800 V/m
180	03/20/2014 10:56:47 AM	0.4111 V/m	0.3925 V/m	0.3705 V/m
181	03/20/2014 10:56:57 AM	0.4164 V/m	0.3962 V/m	0.3742 V/m
182	03/20/2014 10:57:07 AM	0.4184 V/m	0.3990 V/m	0.3821 V/m
183	03/20/2014 10:57:17 AM	0.4529 V/m	0.4101 V/m	0.3885 V/m
184	03/20/2014 10:57:27 AM	0.4280 V/m	0.4043 V/m	0.3800 V/m
185	03/20/2014 10:57:37 AM	0.4137 V/m	0.3851 V/m	0.3660 V/m
186	03/20/2014 10:57:47 AM	0.4197 V/m	0.3953 V/m	0.3712 V/m
187	03/20/2014 10:57:57 AM	0.4799 V/m	0.4162 V/m	0.3638 V/m
188	03/20/2014 10:58:07 AM	0.4450 V/m	0.4123 V/m	0.3749 V/m
189	03/20/2014 10:58:17 AM	0.4131 V/m	0.3935 V/m	0.3734 V/m
190	03/20/2014 10:58:27 AM	0.4369 V/m	0.4028 V/m	0.3778 V/m
191	03/20/2014 10:58:37 AM	0.4287 V/m	0.4053 V/m	0.3821 V/m
192	03/20/2014 10:58:47 AM	0.4344 V/m	0.4158 V/m	0.3871 V/m
193	03/20/2014 10:58:57 AM	0.4553 V/m	0.4306 V/m	0.4057 V/m
194	03/20/2014 10:59:07 AM	0.4462 V/m	0.4156 V/m	0.3892 V/m
195	03/20/2014 10:59:17 AM	0.4394 V/m	0.4204 V/m	0.4017 V/m
196	03/20/2014 10:59:27 AM	0.4517 V/m	0.4234 V/m	0.3749 V/m
197	03/20/2014 10:59:37 AM	0.4344 V/m	0.4032 V/m	0.3857 V/m
198	03/20/2014 10:59:47 AM	0.4776 V/m	0.4277 V/m	0.3927 V/m
199	03/20/2014 10:59:57 AM	0.4736 V/m	0.4393 V/m	0.4091 V/m
200	03/20/2014 11:00:07 AM	0.4413 V/m	0.4163 V/m	0.3720 V/m
201	03/20/2014 11:00:17 AM	0.4157 V/m	0.4028 V/m	0.3871 V/m
202	03/20/2014 11:00:27 AM	0.4236 V/m	0.4014 V/m	0.3653 V/m
203	03/20/2014 11:00:37 AM	0.4462 V/m	0.4200 V/m	0.3821 V/m
204	03/20/2014 11:00:47 AM	0.4872 V/m	0.4478 V/m	0.3864 V/m
205	03/20/2014 11:00:57 AM	0.5677 V/m	0.4846 V/m	0.4118 V/m
206	03/20/2014 11:01:07 AM	0.5230 V/m	0.4713 V/m	0.4344 V/m
207	03/20/2014 11:01:17 AM	0.4923 V/m	0.4557 V/m	0.4274 V/m
208	03/20/2014 11:01:27 AM	0.4928 V/m	0.4527 V/m	0.3996 V/m
209	03/20/2014 11:01:37 AM	0.4917 V/m	0.4506 V/m	0.4293 V/m
210	03/20/2014 11:01:47 AM	0.4741 V/m	0.4287 V/m	0.4030 V/m
211	03/20/2014 11:01:57 AM	0.4541 V/m	0.4226 V/m	0.4003 V/m
212	03/20/2014 11:02:07 AM	0.4523 V/m	0.4292 V/m	0.4091 V/m
213	03/20/2014 11:02:17 AM	0.4444 V/m	0.4179 V/m	0.3976 V/m

214	03/20/2014 11:02:27 AM	0.4589 V/m	0.4287 V/m	0.3976 V/m
215	03/20/2014 11:02:37 AM	0.4344 V/m	0.4010 V/m	0.3653 V/m
216	03/20/2014 11:02:47 AM	0.4984 V/m	0.4471 V/m	0.4064 V/m
217	03/20/2014 11:02:57 AM	0.4872 V/m	0.4623 V/m	0.4300 V/m
218	03/20/2014 11:03:07 AM	0.4595 V/m	0.4196 V/m	0.3962 V/m
219	03/20/2014 11:03:17 AM	0.4255 V/m	0.4100 V/m	0.3756 V/m
220	03/20/2014 11:03:27 AM	0.4338 V/m	0.4047 V/m	0.3630 V/m
221	03/20/2014 11:03:37 AM	0.4375 V/m	0.4005 V/m	0.3712 V/m
222	03/20/2014 11:03:47 AM	0.4822 V/m	0.4386 V/m	0.3976 V/m
223	03/20/2014 11:03:57 AM	0.4759 V/m	0.4408 V/m	0.4064 V/m
224	03/20/2014 11:04:07 AM	0.4553 V/m	0.4299 V/m	0.4010 V/m
225	03/20/2014 11:04:17 AM	0.4474 V/m	0.4258 V/m	0.4104 V/m
226	03/20/2014 11:04:27 AM	0.4666 V/m	0.4246 V/m	0.3962 V/m
227	03/20/2014 11:04:37 AM	0.5349 V/m	0.4508 V/m	0.4010 V/m
228	03/20/2014 11:04:47 AM	0.4642 V/m	0.4156 V/m	0.3785 V/m
229	03/20/2014 11:04:57 AM	0.4406 V/m	0.4196 V/m	0.3934 V/m
230	03/20/2014 11:05:07 AM	0.4480 V/m	0.4253 V/m	0.4057 V/m
231	03/20/2014 11:05:17 AM	0.4319 V/m	0.4099 V/m	0.3843 V/m
232	03/20/2014 11:05:27 AM	0.4553 V/m	0.4148 V/m	0.3871 V/m
233	03/20/2014 11:05:37 AM	0.4375 V/m	0.4108 V/m	0.3850 V/m
234	03/20/2014 11:05:47 AM	0.4601 V/m	0.4122 V/m	0.3720 V/m
235	03/20/2014 11:05:57 AM	0.4413 V/m	0.4134 V/m	0.3913 V/m
236	03/20/2014 11:06:07 AM	0.4565 V/m	0.4180 V/m	0.3941 V/m
237	03/20/2014 11:06:17 AM	0.4312 V/m	0.4120 V/m	0.3941 V/m
238	03/20/2014 11:06:27 AM	0.4274 V/m	0.4061 V/m	0.3756 V/m
239	03/20/2014 11:06:37 AM	0.4216 V/m	0.4022 V/m	0.3638 V/m
240	03/20/2014 11:06:47 AM	0.4701 V/m	0.4369 V/m	0.3934 V/m
241	03/20/2014 11:06:57 AM	0.5619 V/m	0.4869 V/m	0.4293 V/m
242	03/20/2014 11:07:07 AM	0.5049 V/m	0.4233 V/m	0.3764 V/m
243	03/20/2014 11:07:17 AM	0.4493 V/m	0.4219 V/m	0.3885 V/m
244	03/20/2014 11:07:27 AM	0.5087 V/m	0.4529 V/m	0.4111 V/m
245	03/20/2014 11:07:37 AM	0.6238 V/m	0.5174 V/m	0.4535 V/m
246	03/20/2014 11:07:47 AM	0.4747 V/m	0.4433 V/m	0.3983 V/m
247	03/20/2014 11:07:57 AM	0.4553 V/m	0.4260 V/m	0.3989 V/m
248	03/20/2014 11:08:07 AM	0.5108 V/m	0.4558 V/m	0.3906 V/m
249	03/20/2014 11:08:17 AM	0.5000 V/m	0.4485 V/m	0.4071 V/m
250	03/20/2014 11:08:27 AM	0.4666 V/m	0.4191 V/m	0.3836 V/m
251	03/20/2014 11:08:37 AM	0.4577 V/m	0.4235 V/m	0.3948 V/m
252	03/20/2014 11:08:47 AM	0.4499 V/m	0.4200 V/m	0.3955 V/m
253	03/20/2014 11:08:57 AM	0.5092 V/m	0.4523 V/m	0.4190 V/m
254	03/20/2014 11:09:07 AM	0.4736 V/m	0.4402 V/m	0.4131 V/m
255	03/20/2014 11:09:17 AM	0.5230 V/m	0.4884 V/m	0.4462 V/m
256	03/20/2014 11:09:27 AM	0.5049 V/m	0.4580 V/m	0.4255 V/m
257	03/20/2014 11:09:37 AM	0.4577 V/m	0.4231 V/m	0.4010 V/m
258	03/20/2014 11:09:47 AM	0.4631 V/m	0.4294 V/m	0.4091 V/m
259	03/20/2014 11:09:57 AM	0.4695 V/m	0.4395 V/m	0.4137 V/m
260	03/20/2014 11:10:07 AM	0.4474 V/m	0.4188 V/m	0.3906 V/m
261	03/20/2014 11:10:17 AM	0.4382 V/m	0.4067 V/m	0.3836 V/m
262	03/20/2014 11:10:27 AM	0.4344 V/m	0.4099 V/m	0.3955 V/m
263	03/20/2014 11:10:37 AM	0.4529 V/m	0.4224 V/m	0.3955 V/m
264	03/20/2014 11:10:47 AM	0.4480 V/m	0.4171 V/m	0.3878 V/m
265	03/20/2014 11:10:57 AM	0.4499 V/m	0.4171 V/m	0.3727 V/m
266	03/20/2014 11:11:07 AM	0.4338 V/m	0.4146 V/m	0.3864 V/m
267	03/20/2014 11:11:17 AM	0.4363 V/m	0.4147 V/m	0.3920 V/m
268	03/20/2014 11:11:27 AM	0.4331 V/m	0.4149 V/m	0.3962 V/m

269	03/20/2014 11:11:37 AM	0.4425 V/m	0.4209 V/m	0.3941 V/m
270	03/20/2014 11:11:47 AM	0.4425 V/m	0.4092 V/m	0.3843 V/m
271	03/20/2014 11:11:57 AM	0.4344 V/m	0.4118 V/m	0.3934 V/m
272	03/20/2014 11:12:07 AM	0.4511 V/m	0.4197 V/m	0.3955 V/m
273	03/20/2014 11:12:17 AM	0.4636 V/m	0.4311 V/m	0.4084 V/m
274	03/20/2014 11:12:27 AM	0.4799 V/m	0.4473 V/m	0.4118 V/m
275	03/20/2014 11:12:37 AM	0.4350 V/m	0.4158 V/m	0.3996 V/m
276	03/20/2014 11:12:47 AM	0.4547 V/m	0.4228 V/m	0.3828 V/m
277	03/20/2014 11:12:57 AM	0.4961 V/m	0.4361 V/m	0.4064 V/m
278	03/20/2014 11:13:07 AM	0.4950 V/m	0.4403 V/m	0.4091 V/m
279	03/20/2014 11:13:17 AM	0.4713 V/m	0.4542 V/m	0.4300 V/m
280	03/20/2014 11:13:27 AM	0.4571 V/m	0.4297 V/m	0.3989 V/m
281	03/20/2014 11:13:37 AM	0.4462 V/m	0.4189 V/m	0.3927 V/m
282	03/20/2014 11:13:47 AM	0.4248 V/m	0.4069 V/m	0.3864 V/m
283	03/20/2014 11:13:57 AM	0.4689 V/m	0.4313 V/m	0.4017 V/m
284	03/20/2014 11:14:07 AM	0.4799 V/m	0.4491 V/m	0.4177 V/m
285	03/20/2014 11:14:17 AM	0.4625 V/m	0.4296 V/m	0.4003 V/m
286	03/20/2014 11:14:27 AM	0.4425 V/m	0.4206 V/m	0.3948 V/m
287	03/20/2014 11:14:37 AM	0.4613 V/m	0.4206 V/m	0.3927 V/m
288	03/20/2014 11:14:47 AM	0.4425 V/m	0.4203 V/m	0.3913 V/m
289	03/20/2014 11:14:57 AM	0.4425 V/m	0.4177 V/m	0.4024 V/m
290	03/20/2014 11:15:07 AM	0.4406 V/m	0.4089 V/m	0.3885 V/m
291	03/20/2014 11:15:17 AM	0.4713 V/m	0.4305 V/m	0.4003 V/m
292	03/20/2014 11:15:27 AM	0.5162 V/m	0.4740 V/m	0.4242 V/m
293	03/20/2014 11:15:37 AM	0.5000 V/m	0.4618 V/m	0.4287 V/m
294	03/20/2014 11:15:47 AM	0.4872 V/m	0.4609 V/m	0.4300 V/m
295	03/20/2014 11:15:57 AM	0.4505 V/m	0.4298 V/m	0.4057 V/m
296	03/20/2014 11:16:07 AM	0.4462 V/m	0.4131 V/m	0.3785 V/m
297	03/20/2014 11:16:17 AM	0.4654 V/m	0.4233 V/m	0.3857 V/m
298	03/20/2014 11:16:27 AM	0.4642 V/m	0.4298 V/m	0.4030 V/m
299	03/20/2014 11:16:37 AM	0.4190 V/m	0.3995 V/m	0.3793 V/m
300	03/20/2014 11:16:47 AM	0.4782 V/m	0.4229 V/m	0.3920 V/m
301	03/20/2014 11:16:57 AM	0.4468 V/m	0.4187 V/m	0.4003 V/m
302	03/20/2014 11:17:07 AM	0.4350 V/m	0.4036 V/m	0.3742 V/m
303	03/20/2014 11:17:17 AM	0.4535 V/m	0.4130 V/m	0.3913 V/m
304	03/20/2014 11:17:27 AM	0.4437 V/m	0.4209 V/m	0.4024 V/m
305	03/20/2014 11:17:37 AM	0.4400 V/m	0.4109 V/m	0.3850 V/m
306	03/20/2014 11:17:47 AM	0.4261 V/m	0.4054 V/m	0.3836 V/m
307	03/20/2014 11:17:57 AM	0.4261 V/m	0.4066 V/m	0.3878 V/m
308	03/20/2014 11:18:07 AM	0.4468 V/m	0.4201 V/m	0.3821 V/m
309	03/20/2014 11:18:17 AM	0.4850 V/m	0.4360 V/m	0.4051 V/m
310	03/20/2014 11:18:27 AM	0.4400 V/m	0.4231 V/m	0.4037 V/m
311	03/20/2014 11:18:37 AM	0.4462 V/m	0.4240 V/m	0.3920 V/m
312	03/20/2014 11:18:47 AM	0.4753 V/m	0.4440 V/m	0.4003 V/m
313	03/20/2014 11:18:57 AM	0.4994 V/m	0.4628 V/m	0.4164 V/m
314	03/20/2014 11:19:07 AM	0.4978 V/m	0.4647 V/m	0.4375 V/m
315	03/20/2014 11:19:17 AM	0.5000 V/m	0.4540 V/m	0.4091 V/m
316	03/20/2014 11:19:27 AM	0.4589 V/m	0.4295 V/m	0.4024 V/m
317	03/20/2014 11:19:37 AM	0.4493 V/m	0.4206 V/m	0.3976 V/m
318	03/20/2014 11:19:47 AM	0.4648 V/m	0.4330 V/m	0.4071 V/m
319	03/20/2014 11:19:57 AM	0.4486 V/m	0.4201 V/m	0.3927 V/m
320	03/20/2014 11:20:07 AM	0.4553 V/m	0.4197 V/m	0.3899 V/m
321	03/20/2014 11:20:17 AM	0.4388 V/m	0.4233 V/m	0.4078 V/m
322	03/20/2014 11:20:27 AM	0.4388 V/m	0.4111 V/m	0.3821 V/m
323	03/20/2014 11:20:37 AM	0.4164 V/m	0.3947 V/m	0.3727 V/m

324	03/20/2014 11:20:47 AM	0.4197 V/m	0.3933 V/m	0.3712 V/m
325	03/20/2014 11:20:57 AM	0.4388 V/m	0.4086 V/m	0.3785 V/m
326	03/20/2014 11:21:07 AM	0.4325 V/m	0.4100 V/m	0.3778 V/m
327	03/20/2014 11:21:17 AM	0.4236 V/m	0.4056 V/m	0.3800 V/m
328	03/20/2014 11:21:27 AM	0.4091 V/m	0.3940 V/m	0.3771 V/m
329	03/20/2014 11:21:37 AM	0.4444 V/m	0.4174 V/m	0.3913 V/m
330	03/20/2014 11:21:47 AM	0.4248 V/m	0.4031 V/m	0.3764 V/m
331	03/20/2014 11:21:57 AM	0.4363 V/m	0.4084 V/m	0.3749 V/m
332	03/20/2014 11:22:07 AM	0.4325 V/m	0.4119 V/m	0.3962 V/m
333	03/20/2014 11:22:17 AM	0.4236 V/m	0.4020 V/m	0.3764 V/m
334	03/20/2014 11:22:27 AM	0.4553 V/m	0.4215 V/m	0.3906 V/m
335	03/20/2014 11:22:37 AM	0.4928 V/m	0.4310 V/m	0.4024 V/m
336	03/20/2014 11:22:47 AM	0.4718 V/m	0.4408 V/m	0.3955 V/m
337	03/20/2014 11:22:57 AM	0.4972 V/m	0.4282 V/m	0.3843 V/m
338	03/20/2014 11:23:07 AM	0.4559 V/m	0.4221 V/m	0.4030 V/m
339	03/20/2014 11:23:17 AM	0.4559 V/m	0.4201 V/m	0.3885 V/m
340	03/20/2014 11:23:27 AM	0.4493 V/m	0.4173 V/m	0.3857 V/m
341	03/20/2014 11:23:37 AM	0.4678 V/m	0.4242 V/m	0.3962 V/m
342	03/20/2014 11:23:47 AM	0.4878 V/m	0.4423 V/m	0.4091 V/m
343	03/20/2014 11:23:57 AM	0.4934 V/m	0.4571 V/m	0.4216 V/m
344	03/20/2014 11:24:07 AM	0.5124 V/m	0.4692 V/m	0.4242 V/m
345	03/20/2014 11:24:17 AM	0.4900 V/m	0.4279 V/m	0.3948 V/m
346	03/20/2014 11:24:27 AM	0.4437 V/m	0.4226 V/m	0.3913 V/m
347	03/20/2014 11:24:37 AM	0.4480 V/m	0.4230 V/m	0.3983 V/m
348	03/20/2014 11:24:47 AM	0.4325 V/m	0.4127 V/m	0.3878 V/m
349	03/20/2014 11:24:57 AM	0.4331 V/m	0.4081 V/m	0.3756 V/m
350	03/20/2014 11:25:07 AM	0.4450 V/m	0.4085 V/m	0.3720 V/m
351	03/20/2014 11:25:17 AM	0.4505 V/m	0.4211 V/m	0.3864 V/m
352	03/20/2014 11:25:27 AM	0.4450 V/m	0.4139 V/m	0.3906 V/m
353	03/20/2014 11:25:37 AM	0.4363 V/m	0.4156 V/m	0.3850 V/m
354	03/20/2014 11:25:47 AM	0.4499 V/m	0.4173 V/m	0.3821 V/m
355	03/20/2014 11:25:57 AM	0.4571 V/m	0.4283 V/m	0.4003 V/m
356	03/20/2014 11:26:07 AM	0.4701 V/m	0.4427 V/m	0.4170 V/m
357	03/20/2014 11:26:17 AM	0.4764 V/m	0.4471 V/m	0.4177 V/m
358	03/20/2014 11:26:27 AM	0.4493 V/m	0.4263 V/m	0.3962 V/m
359	03/20/2014 11:26:37 AM	0.4486 V/m	0.4190 V/m	0.3836 V/m
360	03/20/2014 11:26:47 AM	0.4683 V/m	0.4311 V/m	0.3927 V/m
361	03/20/2014 11:26:57 AM	0.4839 V/m	0.4214 V/m	0.3778 V/m
362	03/20/2014 11:27:07 AM	0.4648 V/m	0.4336 V/m	0.4017 V/m
363	03/20/2014 11:27:17 AM	0.4613 V/m	0.4336 V/m	0.4111 V/m
364	03/20/2014 11:27:27 AM	0.4900 V/m	0.4472 V/m	0.4030 V/m
365	03/20/2014 11:27:37 AM	0.4601 V/m	0.4275 V/m	0.3948 V/m
366	03/20/2014 11:27:47 AM	0.4906 V/m	0.4552 V/m	0.4229 V/m
367	03/20/2014 11:27:57 AM	0.4589 V/m	0.4289 V/m	0.4003 V/m
368	03/20/2014 11:28:07 AM	0.4850 V/m	0.4397 V/m	0.3899 V/m
369	03/20/2014 11:28:17 AM	0.4793 V/m	0.4281 V/m	0.3885 V/m
370	03/20/2014 11:28:27 AM	0.4666 V/m	0.4288 V/m	0.3941 V/m
371	03/20/2014 11:28:37 AM	0.4839 V/m	0.4504 V/m	0.4261 V/m
372	03/20/2014 11:28:47 AM	0.4431 V/m	0.4134 V/m	0.3913 V/m
373	03/20/2014 11:28:57 AM	0.4666 V/m	0.4276 V/m	0.3878 V/m
374	03/20/2014 11:29:07 AM	0.4695 V/m	0.4276 V/m	0.3934 V/m
375	03/20/2014 11:29:17 AM	0.4511 V/m	0.4306 V/m	0.3989 V/m
376	03/20/2014 11:29:27 AM	0.4553 V/m	0.4340 V/m	0.4151 V/m
377	03/20/2014 11:29:37 AM	0.4856 V/m	0.4419 V/m	0.3976 V/m
378	03/20/2014 11:29:47 AM	0.4559 V/m	0.4235 V/m	0.3920 V/m

379	03/20/2014 11:29:57 AM	0.4312 V/m	0.4010 V/m	0.3734 V/m
380	03/20/2014 11:30:07 AM	0.4071 V/m	0.3890 V/m	0.3645 V/m
381	03/20/2014 11:30:17 AM	0.4255 V/m	0.3999 V/m	0.3683 V/m
382	03/20/2014 11:30:27 AM	0.4151 V/m	0.3889 V/m	0.3683 V/m
383	03/20/2014 11:30:37 AM	0.4369 V/m	0.4016 V/m	0.3742 V/m
384	03/20/2014 11:30:47 AM	0.4388 V/m	0.4074 V/m	0.3800 V/m
385	03/20/2014 11:30:57 AM	0.4098 V/m	0.3889 V/m	0.3705 V/m
386	03/20/2014 11:31:07 AM	0.4118 V/m	0.3957 V/m	0.3828 V/m
387	03/20/2014 11:31:17 AM	0.4190 V/m	0.4006 V/m	0.3857 V/m
388	03/20/2014 11:31:27 AM	0.4406 V/m	0.4080 V/m	0.3814 V/m
389	03/20/2014 11:31:37 AM	0.4553 V/m	0.4275 V/m	0.3976 V/m
390	03/20/2014 11:31:47 AM	0.4511 V/m	0.4139 V/m	0.3734 V/m
391	03/20/2014 11:31:57 AM	0.5022 V/m	0.4350 V/m	0.3934 V/m
392	03/20/2014 11:32:07 AM	0.5060 V/m	0.4554 V/m	0.3948 V/m
393	03/20/2014 11:32:17 AM	0.4972 V/m	0.4633 V/m	0.4344 V/m
394	03/20/2014 11:32:27 AM	0.4666 V/m	0.4423 V/m	0.4057 V/m
395	03/20/2014 11:32:37 AM	0.4776 V/m	0.4357 V/m	0.4017 V/m
396	03/20/2014 11:32:47 AM	0.4701 V/m	0.4505 V/m	0.4287 V/m
397	03/20/2014 11:32:57 AM	0.4770 V/m	0.4336 V/m	0.3948 V/m
398	03/20/2014 11:33:07 AM	0.4325 V/m	0.4041 V/m	0.3906 V/m
399	03/20/2014 11:33:17 AM	0.4331 V/m	0.4167 V/m	0.3927 V/m
400	03/20/2014 11:33:27 AM	0.4462 V/m	0.4249 V/m	0.4037 V/m
401	03/20/2014 11:33:37 AM	0.4631 V/m	0.4283 V/m	0.4057 V/m
402	03/20/2014 11:33:47 AM	0.5016 V/m	0.4332 V/m	0.3920 V/m
403	03/20/2014 11:33:57 AM	0.4787 V/m	0.4446 V/m	0.3934 V/m
404	03/20/2014 11:34:07 AM	0.4151 V/m	0.3956 V/m	0.3742 V/m
405	03/20/2014 11:34:17 AM	0.4431 V/m	0.4200 V/m	0.3836 V/m
406	03/20/2014 11:34:27 AM	0.4268 V/m	0.4107 V/m	0.3857 V/m
407	03/20/2014 11:34:37 AM	0.4462 V/m	0.4239 V/m	0.3969 V/m
408	03/20/2014 11:34:47 AM	0.4493 V/m	0.4226 V/m	0.4057 V/m
409	03/20/2014 11:34:57 AM	0.4400 V/m	0.4093 V/m	0.3793 V/m
410	03/20/2014 11:35:07 AM	0.4363 V/m	0.4179 V/m	0.3996 V/m
411	03/20/2014 11:35:17 AM	0.4350 V/m	0.4130 V/m	0.3927 V/m
412	03/20/2014 11:35:27 AM	0.4300 V/m	0.4118 V/m	0.3899 V/m
413	03/20/2014 11:35:37 AM	0.4394 V/m	0.4204 V/m	0.4010 V/m
414	03/20/2014 11:35:47 AM	0.4331 V/m	0.4161 V/m	0.3941 V/m
415	03/20/2014 11:35:57 AM	0.4764 V/m	0.4274 V/m	0.3871 V/m
416	03/20/2014 11:36:07 AM	0.4816 V/m	0.4362 V/m	0.4071 V/m
417	03/20/2014 11:36:17 AM	0.4850 V/m	0.4381 V/m	0.4091 V/m
418	03/20/2014 11:36:27 AM	0.4625 V/m	0.4240 V/m	0.3927 V/m
419	03/20/2014 11:36:37 AM	0.4444 V/m	0.4214 V/m	0.4003 V/m
420	03/20/2014 11:36:47 AM	0.4306 V/m	0.4019 V/m	0.3771 V/m
421	03/20/2014 11:36:57 AM	0.4462 V/m	0.4106 V/m	0.3828 V/m
422	03/20/2014 11:37:07 AM	0.5060 V/m	0.4535 V/m	0.3720 V/m
423	03/20/2014 11:37:17 AM	0.5060 V/m	0.4578 V/m	0.4064 V/m
424	03/20/2014 11:37:27 AM	0.4983 V/m	0.4581 V/m	0.4098 V/m
425	03/20/2014 11:37:37 AM	0.5156 V/m	0.4760 V/m	0.4517 V/m
426	03/20/2014 11:37:47 AM	0.4928 V/m	0.4674 V/m	0.4437 V/m
427	03/20/2014 11:37:57 AM	0.5135 V/m	0.4662 V/m	0.4184 V/m
428	03/20/2014 11:38:07 AM	0.4923 V/m	0.4472 V/m	0.4203 V/m
429	03/20/2014 11:38:17 AM	0.4912 V/m	0.4608 V/m	0.4406 V/m
430	03/20/2014 11:38:27 AM	0.4712 V/m	0.4474 V/m	0.4017 V/m
431	03/20/2014 11:38:37 AM	0.4822 V/m	0.4529 V/m	0.4236 V/m
432	03/20/2014 11:38:47 AM	0.4631 V/m	0.4457 V/m	0.4184 V/m
433	03/20/2014 11:38:57 AM	0.5146 V/m	0.4591 V/m	0.4306 V/m

434	03/20/2014 11:39:07 AM	0.4906 V/m	0.4525 V/m	0.4091 V/m
435	03/20/2014 11:39:17 AM	0.4625 V/m	0.4322 V/m	0.4151 V/m
436	03/20/2014 11:39:27 AM	0.4437 V/m	0.4215 V/m	0.4037 V/m
437	03/20/2014 11:39:37 AM	0.4280 V/m	0.4052 V/m	0.3885 V/m
438	03/20/2014 11:39:47 AM	0.4274 V/m	0.4081 V/m	0.3864 V/m
439	03/20/2014 11:39:57 AM	0.4350 V/m	0.4094 V/m	0.3899 V/m
440	03/20/2014 11:40:07 AM	0.4437 V/m	0.4179 V/m	0.3948 V/m
441	03/20/2014 11:40:17 AM	0.4382 V/m	0.4184 V/m	0.4030 V/m
442	03/20/2014 11:40:27 AM	0.4474 V/m	0.4207 V/m	0.3962 V/m
443	03/20/2014 11:40:37 AM	0.4541 V/m	0.4295 V/m	0.4064 V/m
444	03/20/2014 11:40:47 AM	0.4406 V/m	0.4228 V/m	0.4030 V/m
445	03/20/2014 11:40:57 AM	0.4741 V/m	0.4239 V/m	0.4037 V/m
446	03/20/2014 11:41:07 AM	0.4505 V/m	0.4300 V/m	0.3989 V/m
447	03/20/2014 11:41:17 AM	0.4601 V/m	0.4304 V/m	0.4111 V/m
448	03/20/2014 11:41:27 AM	0.4559 V/m	0.4342 V/m	0.4091 V/m
449	03/20/2014 11:41:37 AM	0.4493 V/m	0.4240 V/m	0.4051 V/m
450	03/20/2014 11:41:47 AM	0.4268 V/m	0.4120 V/m	0.4003 V/m
451	03/20/2014 11:41:57 AM	0.4363 V/m	0.4180 V/m	0.3976 V/m
452	03/20/2014 11:42:07 AM	0.4363 V/m	0.4190 V/m	0.4071 V/m
453	03/20/2014 11:42:17 AM	0.4388 V/m	0.4250 V/m	0.4071 V/m
454	03/20/2014 11:42:27 AM	0.4493 V/m	0.4157 V/m	0.3899 V/m
455	03/20/2014 11:42:37 AM	0.4660 V/m	0.4146 V/m	0.3878 V/m
456	03/20/2014 11:42:47 AM	0.4827 V/m	0.4324 V/m	0.3996 V/m
457	03/20/2014 11:42:57 AM	0.4425 V/m	0.4186 V/m	0.4037 V/m
458	03/20/2014 11:43:07 AM	0.4589 V/m	0.4210 V/m	0.3955 V/m
459	03/20/2014 11:43:17 AM	0.4529 V/m	0.4302 V/m	0.4024 V/m
460	03/20/2014 11:43:27 AM	0.4468 V/m	0.4131 V/m	0.3828 V/m
461	03/20/2014 11:43:37 AM	0.4535 V/m	0.4260 V/m	0.3962 V/m
462	03/20/2014 11:43:47 AM	0.4625 V/m	0.4337 V/m	0.4124 V/m
463	03/20/2014 11:43:57 AM	0.4764 V/m	0.4382 V/m	0.4017 V/m
464	03/20/2014 11:44:07 AM	0.4718 V/m	0.4406 V/m	0.4104 V/m
465	03/20/2014 11:44:17 AM	0.5022 V/m	0.4568 V/m	0.4157 V/m
466	03/20/2014 11:44:27 AM	0.4713 V/m	0.4402 V/m	0.4057 V/m
467	03/20/2014 11:44:37 AM	0.5103 V/m	0.4572 V/m	0.4164 V/m
468	03/20/2014 11:44:47 AM	0.4872 V/m	0.4519 V/m	0.4078 V/m
469	03/20/2014 11:44:57 AM	0.4642 V/m	0.4248 V/m	0.3850 V/m
470	03/20/2014 11:45:07 AM	0.4425 V/m	0.4106 V/m	0.3885 V/m
471	03/20/2014 11:45:17 AM	0.4642 V/m	0.4294 V/m	0.3962 V/m
472	03/20/2014 11:45:27 AM	0.4382 V/m	0.4122 V/m	0.3800 V/m
473	03/20/2014 11:45:37 AM	0.4400 V/m	0.4060 V/m	0.3756 V/m
474	03/20/2014 11:45:47 AM	0.4456 V/m	0.4217 V/m	0.4057 V/m
475	03/20/2014 11:45:57 AM	0.4511 V/m	0.4226 V/m	0.3927 V/m
476	03/20/2014 11:46:07 AM	0.4787 V/m	0.4281 V/m	0.3976 V/m
477	03/20/2014 11:46:17 AM	0.4683 V/m	0.4336 V/m	0.3793 V/m
478	03/20/2014 11:46:27 AM	0.4912 V/m	0.4435 V/m	0.4003 V/m
479	03/20/2014 11:46:37 AM	0.4493 V/m	0.4155 V/m	0.3698 V/m
480	03/20/2014 11:46:47 AM	0.4388 V/m	0.4077 V/m	0.3645 V/m
481	03/20/2014 11:46:57 AM	0.4517 V/m	0.4202 V/m	0.3608 V/m
482	03/20/2014 11:47:07 AM	0.4613 V/m	0.4238 V/m	0.3749 V/m
483	03/20/2014 11:47:17 AM	0.4730 V/m	0.4339 V/m	0.3800 V/m
484	03/20/2014 11:47:27 AM	0.4369 V/m	0.4099 V/m	0.3850 V/m
485	03/20/2014 11:47:37 AM	0.4683 V/m	0.4402 V/m	0.4151 V/m
486	03/20/2014 11:47:47 AM	0.4607 V/m	0.4123 V/m	0.3749 V/m
487	03/20/2014 11:47:57 AM	0.4799 V/m	0.4402 V/m	0.3807 V/m
488	03/20/2014 11:48:07 AM	0.4934 V/m	0.4392 V/m	0.3927 V/m

489	03/20/2014 11:48:17 AM	0.4724 V/m	0.4235 V/m	0.3906 V/m
490	03/20/2014 11:48:27 AM	0.4741 V/m	0.4411 V/m	0.4078 V/m
491	03/20/2014 11:48:37 AM	0.5220 V/m	0.4396 V/m	0.4131 V/m
492	03/20/2014 11:48:47 AM	0.5098 V/m	0.4615 V/m	0.4190 V/m
493	03/20/2014 11:48:57 AM	0.4889 V/m	0.4568 V/m	0.4111 V/m
494	03/20/2014 11:49:07 AM	0.5005 V/m	0.4417 V/m	0.3983 V/m
495	03/20/2014 11:49:17 AM	0.4431 V/m	0.4146 V/m	0.3850 V/m
496	03/20/2014 11:49:27 AM	0.4850 V/m	0.4434 V/m	0.4078 V/m
497	03/20/2014 11:49:37 AM	0.5081 V/m	0.4568 V/m	0.4084 V/m
498	03/20/2014 11:49:47 AM	0.5430 V/m	0.4682 V/m	0.4203 V/m
499	03/20/2014 11:49:57 AM	0.4450 V/m	0.4253 V/m	0.3983 V/m
500	03/20/2014 11:50:07 AM	0.4764 V/m	0.4369 V/m	0.4051 V/m
501	03/20/2014 11:50:17 AM	0.5156 V/m	0.4395 V/m	0.3927 V/m
502	03/20/2014 11:50:27 AM	0.4666 V/m	0.4242 V/m	0.3828 V/m
503	03/20/2014 11:50:37 AM	0.4493 V/m	0.4235 V/m	0.3983 V/m
504	03/20/2014 11:50:47 AM	0.4945 V/m	0.4450 V/m	0.4071 V/m
505	03/20/2014 11:50:57 AM	0.4961 V/m	0.4412 V/m	0.4057 V/m
506	03/20/2014 11:51:07 AM	0.4967 V/m	0.4428 V/m	0.4044 V/m
507	03/20/2014 11:51:17 AM	0.4683 V/m	0.4398 V/m	0.4190 V/m
508	03/20/2014 11:51:27 AM	0.4912 V/m	0.4494 V/m	0.4091 V/m
509	03/20/2014 11:51:37 AM	0.4782 V/m	0.4477 V/m	0.4197 V/m
510	03/20/2014 11:51:47 AM	0.4850 V/m	0.4414 V/m	0.4084 V/m
511	03/20/2014 11:51:57 AM	0.4689 V/m	0.4324 V/m	0.3885 V/m
512	03/20/2014 11:52:07 AM	0.4444 V/m	0.4234 V/m	0.3885 V/m
513	03/20/2014 11:52:17 AM	0.4805 V/m	0.4397 V/m	0.4124 V/m
514	03/20/2014 11:52:27 AM	0.4989 V/m	0.4370 V/m	0.3989 V/m
515	03/20/2014 11:52:37 AM	0.5022 V/m	0.4286 V/m	0.4044 V/m
516	03/20/2014 11:52:47 AM	0.4462 V/m	0.4226 V/m	0.3941 V/m
517	03/20/2014 11:52:57 AM	0.4747 V/m	0.4375 V/m	0.4118 V/m
518	03/20/2014 11:53:07 AM	0.4666 V/m	0.4237 V/m	0.3983 V/m
519	03/20/2014 11:53:17 AM	0.4400 V/m	0.4143 V/m	0.3920 V/m
520	03/20/2014 11:53:27 AM	0.4255 V/m	0.4098 V/m	0.3864 V/m
521	03/20/2014 11:53:37 AM	0.4523 V/m	0.4212 V/m	0.4003 V/m
522	03/20/2014 11:53:47 AM	0.4565 V/m	0.4379 V/m	0.4177 V/m
523	03/20/2014 11:53:57 AM	0.4589 V/m	0.4406 V/m	0.4184 V/m
524	03/20/2014 11:54:07 AM	0.4822 V/m	0.4469 V/m	0.4190 V/m
525	03/20/2014 11:54:17 AM	0.4388 V/m	0.4137 V/m	0.3814 V/m
526	03/20/2014 11:54:27 AM	0.4338 V/m	0.4168 V/m	0.3989 V/m
527	03/20/2014 11:54:37 AM	0.4468 V/m	0.4205 V/m	0.4044 V/m
528	03/20/2014 11:54:47 AM	0.4636 V/m	0.4335 V/m	0.4091 V/m
529	03/20/2014 11:54:57 AM	0.4559 V/m	0.4300 V/m	0.4010 V/m
530	03/20/2014 11:55:07 AM	0.4782 V/m	0.4418 V/m	0.3934 V/m
531	03/20/2014 11:55:17 AM	0.4559 V/m	0.4258 V/m	0.3892 V/m
532	03/20/2014 11:55:27 AM	0.4718 V/m	0.4325 V/m	0.4037 V/m
533	03/20/2014 11:55:37 AM	0.4642 V/m	0.4359 V/m	0.4051 V/m
534	03/20/2014 11:55:47 AM	0.4701 V/m	0.4303 V/m	0.3941 V/m
535	03/20/2014 11:55:57 AM	0.4474 V/m	0.4161 V/m	0.3913 V/m
536	03/20/2014 11:56:07 AM	0.4344 V/m	0.4096 V/m	0.3885 V/m
537	03/20/2014 11:56:17 AM	0.4613 V/m	0.4187 V/m	0.3857 V/m
538	03/20/2014 11:56:27 AM	0.4765 V/m	0.4335 V/m	0.3807 V/m
539	03/20/2014 11:56:37 AM	0.5081 V/m	0.4379 V/m	0.3892 V/m
540	03/20/2014 11:56:47 AM	0.4799 V/m	0.4407 V/m	0.4131 V/m
541	03/20/2014 11:56:57 AM	0.4810 V/m	0.4282 V/m	0.3469 V/m
542	03/20/2014 11:57:07 AM	0.4595 V/m	0.4297 V/m	0.3976 V/m
543	03/20/2014 11:57:17 AM	0.4559 V/m	0.4164 V/m	0.3843 V/m

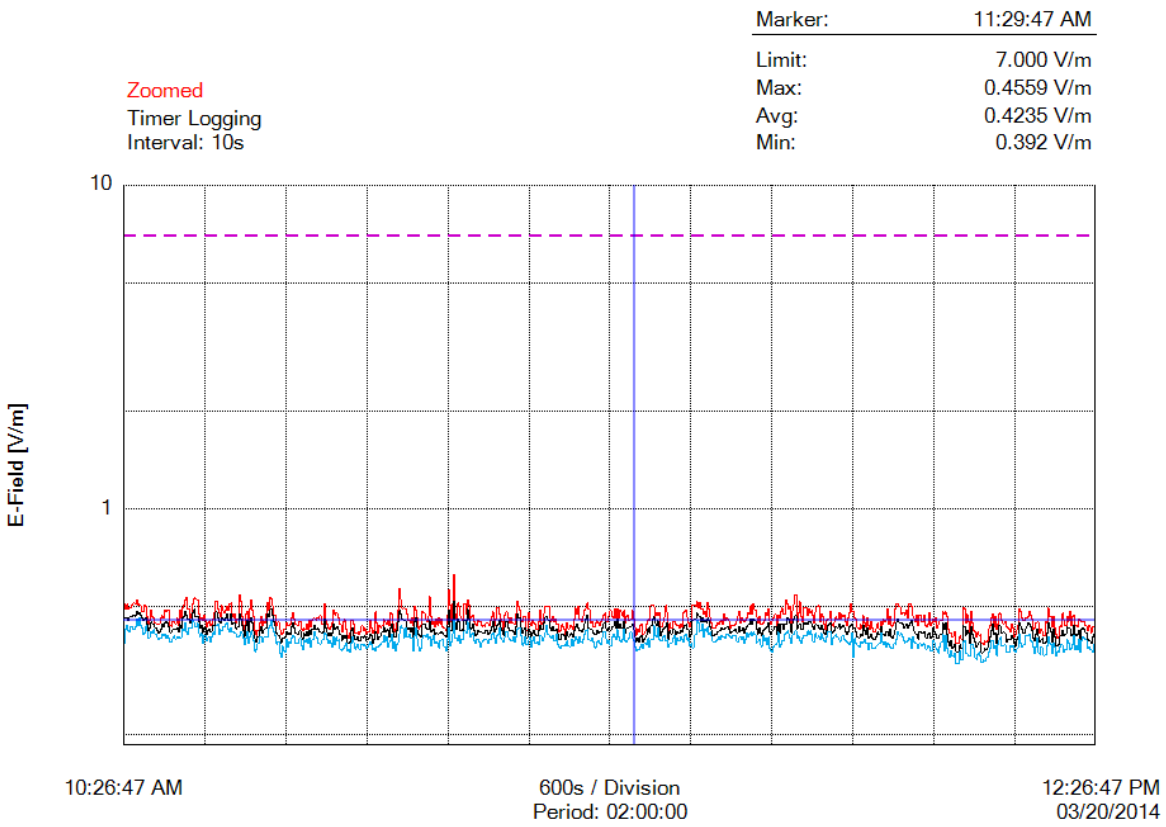
544	03/20/2014 11:57:27 AM	0.4293 V/m	0.4019 V/m	0.3778 V/m
545	03/20/2014 11:57:37 AM	0.4229 V/m	0.3994 V/m	0.3734 V/m
546	03/20/2014 11:57:47 AM	0.4382 V/m	0.4105 V/m	0.3892 V/m
547	03/20/2014 11:57:57 AM	0.4287 V/m	0.4066 V/m	0.3843 V/m
548	03/20/2014 11:58:07 AM	0.4672 V/m	0.4363 V/m	0.3871 V/m
549	03/20/2014 11:58:17 AM	0.4444 V/m	0.4225 V/m	0.3955 V/m
550	03/20/2014 11:58:27 AM	0.4325 V/m	0.4107 V/m	0.3850 V/m
551	03/20/2014 11:58:37 AM	0.4595 V/m	0.4265 V/m	0.3857 V/m
552	03/20/2014 11:58:47 AM	0.4357 V/m	0.3979 V/m	0.3675 V/m
553	03/20/2014 11:58:57 AM	0.4255 V/m	0.4015 V/m	0.3857 V/m
554	03/20/2014 11:59:07 AM	0.4486 V/m	0.4106 V/m	0.3850 V/m
555	03/20/2014 11:59:17 AM	0.4274 V/m	0.3988 V/m	0.3698 V/m
556	03/20/2014 11:59:27 AM	0.4177 V/m	0.3951 V/m	0.3720 V/m
557	03/20/2014 11:59:37 AM	0.4177 V/m	0.3944 V/m	0.3698 V/m
558	03/20/2014 11:59:47 AM	0.4280 V/m	0.4032 V/m	0.3771 V/m
559	03/20/2014 11:59:57 AM	0.4425 V/m	0.4157 V/m	0.3793 V/m
560	03/20/2014 12:00:07 PM	0.4261 V/m	0.4078 V/m	0.3836 V/m
561	03/20/2014 12:00:17 PM	0.4493 V/m	0.4326 V/m	0.4137 V/m
562	03/20/2014 12:00:27 PM	0.4369 V/m	0.4124 V/m	0.3885 V/m
563	03/20/2014 12:00:37 PM	0.4547 V/m	0.4106 V/m	0.3800 V/m
564	03/20/2014 12:00:47 PM	0.4474 V/m	0.4068 V/m	0.3885 V/m
565	03/20/2014 12:00:57 PM	0.4541 V/m	0.4151 V/m	0.3749 V/m
566	03/20/2014 12:01:07 PM	0.4900 V/m	0.4176 V/m	0.3850 V/m
567	03/20/2014 12:01:17 PM	0.4394 V/m	0.4067 V/m	0.3814 V/m
568	03/20/2014 12:01:27 PM	0.4631 V/m	0.4255 V/m	0.3742 V/m
569	03/20/2014 12:01:37 PM	0.4338 V/m	0.4017 V/m	0.3705 V/m
570	03/20/2014 12:01:47 PM	0.4357 V/m	0.3981 V/m	0.3705 V/m
571	03/20/2014 12:01:57 PM	0.4444 V/m	0.4079 V/m	0.3836 V/m
572	03/20/2014 12:02:07 PM	0.4906 V/m	0.4229 V/m	0.3821 V/m
573	03/20/2014 12:02:17 PM	0.5103 V/m	0.4474 V/m	0.3948 V/m
574	03/20/2014 12:02:27 PM	0.5087 V/m	0.4576 V/m	0.4177 V/m
575	03/20/2014 12:02:37 PM	0.4972 V/m	0.4459 V/m	0.4071 V/m
576	03/20/2014 12:02:47 PM	0.4713 V/m	0.4442 V/m	0.4124 V/m
577	03/20/2014 12:02:57 PM	0.4793 V/m	0.4405 V/m	0.4030 V/m
578	03/20/2014 12:03:07 PM	0.4793 V/m	0.4265 V/m	0.3920 V/m
579	03/20/2014 12:03:17 PM	0.4707 V/m	0.4337 V/m	0.3857 V/m
580	03/20/2014 12:03:27 PM	0.4856 V/m	0.4395 V/m	0.3885 V/m
581	03/20/2014 12:03:37 PM	0.4607 V/m	0.4283 V/m	0.3906 V/m
582	03/20/2014 12:03:47 PM	0.5076 V/m	0.4375 V/m	0.3976 V/m
583	03/20/2014 12:03:57 PM	0.5087 V/m	0.4432 V/m	0.3948 V/m
584	03/20/2014 12:04:07 PM	0.5000 V/m	0.4527 V/m	0.3705 V/m
585	03/20/2014 12:04:17 PM	0.4666 V/m	0.4338 V/m	0.4037 V/m
586	03/20/2014 12:04:27 PM	0.4577 V/m	0.4185 V/m	0.3871 V/m
587	03/20/2014 12:04:37 PM	0.4487 V/m	0.4104 V/m	0.3843 V/m
588	03/20/2014 12:04:47 PM	0.4707 V/m	0.4094 V/m	0.3814 V/m
589	03/20/2014 12:04:57 PM	0.4344 V/m	0.3956 V/m	0.3705 V/m
590	03/20/2014 12:05:07 PM	0.4707 V/m	0.4179 V/m	0.3836 V/m
591	03/20/2014 12:05:17 PM	0.4468 V/m	0.4115 V/m	0.3771 V/m
592	03/20/2014 12:05:27 PM	0.4474 V/m	0.4127 V/m	0.3800 V/m
593	03/20/2014 12:05:37 PM	0.4695 V/m	0.4168 V/m	0.3828 V/m
594	03/20/2014 12:05:47 PM	0.4356 V/m	0.4012 V/m	0.3698 V/m
595	03/20/2014 12:05:57 PM	0.4319 V/m	0.3980 V/m	0.3690 V/m
596	03/20/2014 12:06:07 PM	0.4394 V/m	0.4092 V/m	0.3778 V/m
597	03/20/2014 12:06:17 PM	0.4776 V/m	0.4125 V/m	0.3727 V/m
598	03/20/2014 12:06:27 PM	0.4357 V/m	0.4002 V/m	0.3638 V/m

599	03/20/2014 12:06:37 PM	0.4456 V/m	0.4033 V/m	0.3653 V/m
600	03/20/2014 12:06:47 PM	0.4583 V/m	0.4274 V/m	0.3906 V/m
601	03/20/2014 12:06:57 PM	0.4493 V/m	0.4179 V/m	0.3857 V/m
602	03/20/2014 12:07:07 PM	0.4601 V/m	0.4098 V/m	0.3720 V/m
603	03/20/2014 12:07:17 PM	0.4280 V/m	0.3979 V/m	0.3668 V/m
604	03/20/2014 12:07:27 PM	0.4388 V/m	0.3985 V/m	0.3585 V/m
605	03/20/2014 12:07:37 PM	0.4517 V/m	0.4077 V/m	0.3756 V/m
606	03/20/2014 12:07:47 PM	0.4511 V/m	0.4093 V/m	0.3878 V/m
607	03/20/2014 12:07:57 PM	0.4805 V/m	0.4422 V/m	0.4084 V/m
608	03/20/2014 12:08:07 PM	0.4718 V/m	0.4251 V/m	0.3646 V/m
609	03/20/2014 12:08:17 PM	0.4805 V/m	0.4437 V/m	0.4071 V/m
610	03/20/2014 12:08:27 PM	0.4654 V/m	0.4106 V/m	0.3705 V/m
611	03/20/2014 12:08:37 PM	0.4255 V/m	0.3868 V/m	0.3562 V/m
612	03/20/2014 12:08:47 PM	0.4124 V/m	0.3764 V/m	0.3469 V/m
613	03/20/2014 12:08:57 PM	0.4144 V/m	0.3922 V/m	0.3630 V/m
614	03/20/2014 12:09:07 PM	0.4030 V/m	0.3711 V/m	0.3508 V/m
615	03/20/2014 12:09:17 PM	0.4044 V/m	0.3757 V/m	0.3492 V/m
616	03/20/2014 12:09:27 PM	0.4164 V/m	0.3817 V/m	0.3577 V/m
617	03/20/2014 12:09:37 PM	0.3828 V/m	0.3617 V/m	0.3324 V/m
618	03/20/2014 12:09:47 PM	0.3857 V/m	0.3604 V/m	0.3332 V/m
619	03/20/2014 12:09:57 PM	0.3850 V/m	0.3633 V/m	0.3324 V/m
620	03/20/2014 12:10:07 PM	0.4044 V/m	0.3807 V/m	0.3630 V/m
621	03/20/2014 12:10:17 PM	0.3955 V/m	0.3705 V/m	0.3405 V/m
622	03/20/2014 12:10:27 PM	0.4956 V/m	0.4352 V/m	0.3871 V/m
623	03/20/2014 12:10:37 PM	0.4923 V/m	0.4325 V/m	0.3913 V/m
624	03/20/2014 12:10:47 PM	0.4450 V/m	0.4068 V/m	0.3577 V/m
625	03/20/2014 12:10:57 PM	0.4713 V/m	0.4224 V/m	0.3562 V/m
626	03/20/2014 12:11:07 PM	0.4474 V/m	0.4132 V/m	0.3523 V/m
627	03/20/2014 12:11:17 PM	0.4017 V/m	0.3854 V/m	0.3523 V/m
628	03/20/2014 12:11:27 PM	0.4822 V/m	0.4304 V/m	0.3814 V/m
629	03/20/2014 12:11:37 PM	0.4450 V/m	0.4087 V/m	0.3821 V/m
630	03/20/2014 12:11:47 PM	0.4210 V/m	0.3968 V/m	0.3712 V/m
631	03/20/2014 12:11:57 PM	0.4170 V/m	0.3865 V/m	0.3461 V/m
632	03/20/2014 12:12:07 PM	0.4010 V/m	0.3733 V/m	0.3429 V/m
633	03/20/2014 12:12:17 PM	0.4151 V/m	0.3804 V/m	0.3554 V/m
634	03/20/2014 12:12:27 PM	0.4064 V/m	0.3864 V/m	0.3600 V/m
635	03/20/2014 12:12:37 PM	0.4078 V/m	0.3856 V/m	0.3508 V/m
636	03/20/2014 12:12:47 PM	0.3857 V/m	0.3579 V/m	0.3348 V/m
637	03/20/2014 12:12:57 PM	0.3807 V/m	0.3618 V/m	0.3405 V/m
638	03/20/2014 12:13:07 PM	0.3906 V/m	0.3693 V/m	0.3381 V/m
639	03/20/2014 12:13:17 PM	0.3878 V/m	0.3674 V/m	0.3461 V/m
640	03/20/2014 12:13:27 PM	0.3913 V/m	0.3721 V/m	0.3469 V/m
641	03/20/2014 12:13:37 PM	0.4261 V/m	0.3867 V/m	0.3615 V/m
642	03/20/2014 12:13:47 PM	0.4356 V/m	0.4024 V/m	0.3720 V/m
643	03/20/2014 12:13:57 PM	0.4607 V/m	0.4214 V/m	0.3906 V/m
644	03/20/2014 12:14:07 PM	0.4741 V/m	0.4389 V/m	0.3927 V/m
645	03/20/2014 12:14:17 PM	0.4338 V/m	0.4093 V/m	0.3712 V/m
646	03/20/2014 12:14:27 PM	0.4648 V/m	0.4136 V/m	0.3778 V/m
647	03/20/2014 12:14:37 PM	0.4229 V/m	0.3843 V/m	0.3523 V/m
648	03/20/2014 12:14:47 PM	0.4406 V/m	0.4101 V/m	0.3814 V/m
649	03/20/2014 12:14:57 PM	0.4759 V/m	0.4364 V/m	0.3941 V/m
650	03/20/2014 12:15:07 PM	0.4713 V/m	0.4340 V/m	0.4010 V/m
651	03/20/2014 12:15:17 PM	0.4505 V/m	0.4124 V/m	0.3771 V/m
652	03/20/2014 12:15:27 PM	0.4419 V/m	0.4163 V/m	0.3785 V/m
653	03/20/2014 12:15:37 PM	0.4493 V/m	0.4126 V/m	0.3793 V/m

654	03/20/2014 12:15:47 PM	0.4319 V/m	0.3881 V/m	0.3623 V/m
655	03/20/2014 12:15:57 PM	0.4274 V/m	0.3947 V/m	0.3600 V/m
656	03/20/2014 12:16:07 PM	0.4255 V/m	0.3933 V/m	0.3615 V/m
657	03/20/2014 12:16:17 PM	0.4157 V/m	0.3946 V/m	0.3764 V/m
658	03/20/2014 12:16:27 PM	0.4382 V/m	0.4068 V/m	0.3735 V/m
659	03/20/2014 12:16:37 PM	0.4287 V/m	0.3977 V/m	0.3785 V/m
660	03/20/2014 12:16:47 PM	0.4030 V/m	0.3856 V/m	0.3631 V/m
661	03/20/2014 12:16:57 PM	0.4078 V/m	0.3781 V/m	0.3600 V/m
662	03/20/2014 12:17:07 PM	0.4229 V/m	0.3946 V/m	0.3698 V/m
663	03/20/2014 12:17:17 PM	0.4388 V/m	0.4018 V/m	0.3727 V/m
664	03/20/2014 12:17:27 PM	0.4906 V/m	0.4450 V/m	0.4091 V/m
665	03/20/2014 12:17:37 PM	0.4822 V/m	0.4334 V/m	0.3843 V/m
666	03/20/2014 12:17:47 PM	0.4589 V/m	0.4243 V/m	0.3727 V/m
667	03/20/2014 12:17:57 PM	0.4523 V/m	0.4117 V/m	0.3800 V/m
668	03/20/2014 12:18:07 PM	0.4601 V/m	0.4257 V/m	0.4044 V/m
669	03/20/2014 12:18:17 PM	0.4589 V/m	0.4337 V/m	0.4044 V/m
670	03/20/2014 12:18:27 PM	0.4654 V/m	0.4437 V/m	0.4044 V/m
671	03/20/2014 12:18:37 PM	0.4833 V/m	0.4399 V/m	0.4091 V/m
672	03/20/2014 12:18:47 PM	0.4689 V/m	0.4317 V/m	0.3927 V/m
673	03/20/2014 12:18:57 PM	0.4565 V/m	0.4210 V/m	0.3885 V/m
674	03/20/2014 12:19:07 PM	0.4229 V/m	0.3971 V/m	0.3742 V/m
675	03/20/2014 12:19:17 PM	0.4274 V/m	0.3896 V/m	0.3562 V/m
676	03/20/2014 12:19:27 PM	0.4431 V/m	0.4107 V/m	0.3749 V/m
677	03/20/2014 12:19:37 PM	0.4468 V/m	0.4256 V/m	0.3996 V/m
678	03/20/2014 12:19:47 PM	0.4456 V/m	0.4033 V/m	0.3585 V/m
679	03/20/2014 12:19:57 PM	0.4138 V/m	0.3878 V/m	0.3554 V/m
680	03/20/2014 12:20:07 PM	0.4255 V/m	0.3938 V/m	0.3742 V/m
681	03/20/2014 12:20:17 PM	0.4184 V/m	0.3974 V/m	0.3720 V/m
682	03/20/2014 12:20:27 PM	0.4057 V/m	0.3833 V/m	0.3523 V/m
683	03/20/2014 12:20:37 PM	0.4499 V/m	0.3877 V/m	0.3539 V/m
684	03/20/2014 12:20:47 PM	0.4437 V/m	0.4127 V/m	0.3764 V/m
685	03/20/2014 12:20:57 PM	0.4928 V/m	0.4442 V/m	0.4037 V/m
686	03/20/2014 12:21:07 PM	0.4666 V/m	0.4293 V/m	0.3843 V/m
687	03/20/2014 12:21:17 PM	0.4648 V/m	0.4182 V/m	0.3807 V/m
688	03/20/2014 12:21:27 PM	0.4331 V/m	0.3866 V/m	0.3570 V/m
689	03/20/2014 12:21:37 PM	0.4648 V/m	0.4259 V/m	0.3857 V/m
690	03/20/2014 12:21:47 PM	0.4300 V/m	0.4014 V/m	0.3727 V/m
691	03/20/2014 12:21:57 PM	0.4104 V/m	0.3766 V/m	0.3500 V/m
692	03/20/2014 12:22:07 PM	0.3969 V/m	0.3777 V/m	0.3631 V/m
693	03/20/2014 12:22:17 PM	0.4030 V/m	0.3821 V/m	0.3615 V/m
694	03/20/2014 12:22:27 PM	0.4344 V/m	0.4049 V/m	0.3749 V/m
695	03/20/2014 12:22:37 PM	0.4312 V/m	0.4062 V/m	0.3814 V/m
696	03/20/2014 12:22:47 PM	0.4770 V/m	0.4217 V/m	0.3785 V/m
697	03/20/2014 12:22:57 PM	0.4535 V/m	0.4044 V/m	0.3593 V/m
698	03/20/2014 12:23:07 PM	0.4350 V/m	0.4099 V/m	0.3675 V/m
699	03/20/2014 12:23:17 PM	0.4666 V/m	0.4304 V/m	0.3941 V/m
700	03/20/2014 12:23:27 PM	0.4493 V/m	0.4287 V/m	0.3843 V/m
701	03/20/2014 12:23:37 PM	0.4827 V/m	0.4269 V/m	0.3661 V/m
702	03/20/2014 12:23:47 PM	0.4344 V/m	0.4048 V/m	0.3698 V/m
703	03/20/2014 12:23:57 PM	0.4654 V/m	0.4079 V/m	0.3800 V/m
704	03/20/2014 12:24:07 PM	0.4678 V/m	0.4380 V/m	0.4057 V/m
705	03/20/2014 12:24:17 PM	0.4357 V/m	0.4101 V/m	0.3668 V/m
706	03/20/2014 12:24:27 PM	0.4369 V/m	0.4066 V/m	0.3778 V/m
707	03/20/2014 12:24:37 PM	0.4319 V/m	0.4093 V/m	0.3661 V/m
708	03/20/2014 12:24:47 PM	0.4577 V/m	0.4210 V/m	0.3962 V/m

709	03/20/2014 12:24:57 PM	0.4517 V/m	0.3943 V/m	0.3593 V/m
710	03/20/2014 12:25:07 PM	0.4462 V/m	0.4252 V/m	0.3913 V/m
711	03/20/2014 12:25:17 PM	0.4499 V/m	0.4298 V/m	0.4030 V/m
712	03/20/2014 12:25:27 PM	0.4480 V/m	0.4235 V/m	0.3976 V/m
713	03/20/2014 12:25:37 PM	0.4350 V/m	0.4147 V/m	0.3948 V/m
714	03/20/2014 12:25:47 PM	0.4203 V/m	0.3948 V/m	0.3705 V/m
715	03/20/2014 12:25:57 PM	0.4363 V/m	0.3909 V/m	0.3742 V/m
716	03/20/2014 12:26:07 PM	0.4306 V/m	0.3904 V/m	0.3675 V/m
717	03/20/2014 12:26:17 PM	0.4144 V/m	0.3854 V/m	0.3660 V/m
718	03/20/2014 12:26:27 PM	0.4331 V/m	0.4013 V/m	0.3593 V/m
719	03/20/2014 12:26:37 PM	0.4325 V/m	0.4078 V/m	0.3800 V/m
720	03/20/2014 12:26:47 PM	0.4203 V/m	0.3967 V/m	0.3727 V/m

Graph


Marker: 11:29:47 AM
Limit: 7.000 V/m
Max: 0.4559 V/m
Avg: 0.4235 V/m
Min: 0.392 V/m
Zoomed
Timer Logging
Interval: 10s
10
1
E-Field [V/m]
10:26:47 AM
600s / Division
Period: 02:00:00
12:26:47 PM
03/20/2014

Parameters

Number of Sub Indices	720
Storing Date	03/20/2014
Storing Time	10:26:47 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	-

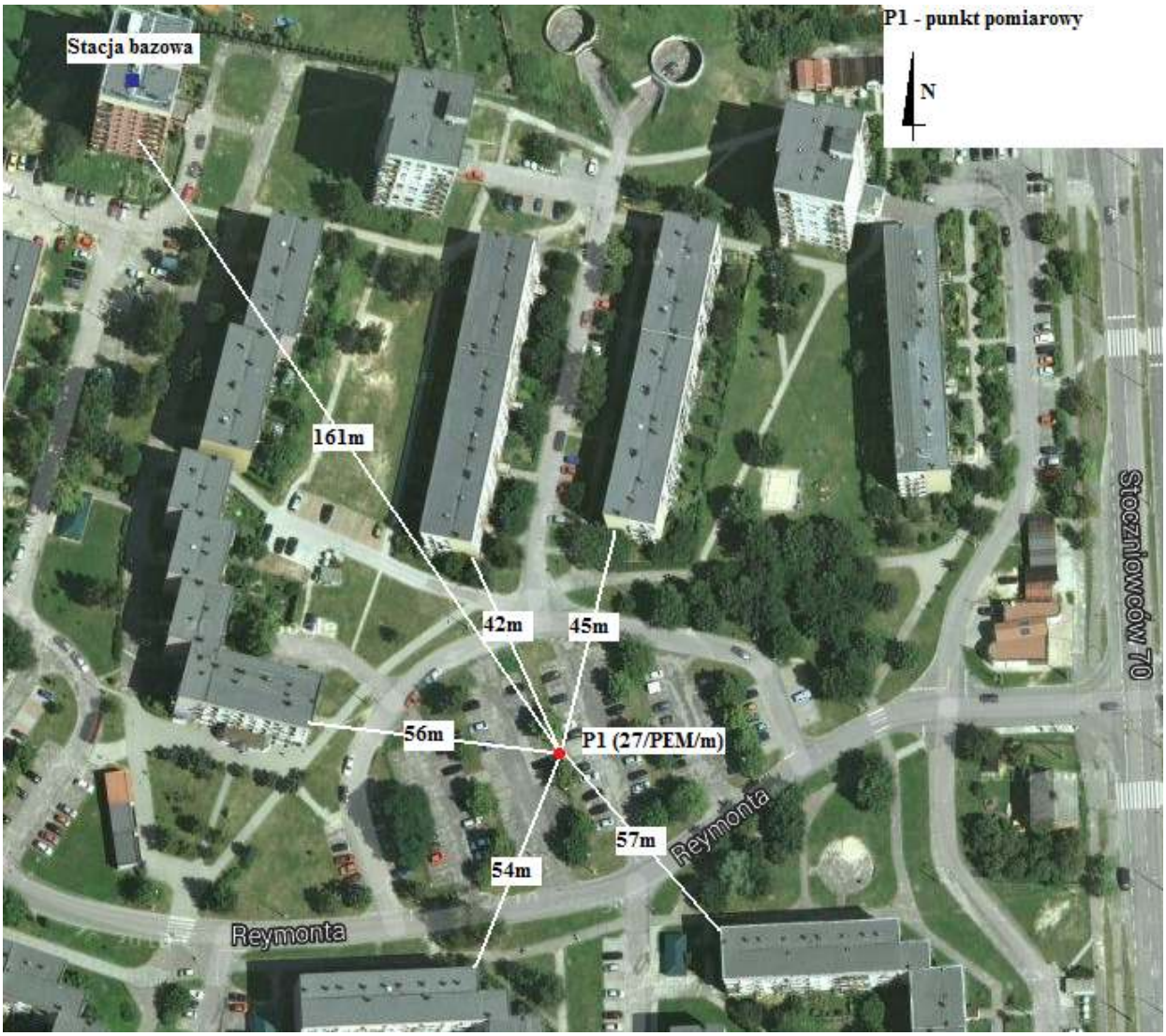
FOTOGRAFIE REJONU BADAŃ:

Fot.1. Rejon badań, widok w kierunku północnym

Fot.2. Rejon badań, widok w kierunku wschodnim

Fot.3. Rejon badań, widok w kierunku południowym (ul. Reymonta)

Fot.4. Urządzenie pomiarowe w trakcie wykonywanego badania



TYCHY

Oznaczenia:

- P1 – punkt pomiarowy poziomów pól elektromagnetycznych w środowisku;

Ryc. Szkic sytuacyjny rejonu badań.