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.7072.3.2014
PROTOKÓŁ Z POMIARÓW nr 5/28/2015/1/PEM

SPRAWOZDANIE Z MONITORINGOWEGO POMIARU PÓL ELEKTROMAGNETYCZNYCH nr: 180/2015

Instalacje: BT-20065 RUDA ŚLĄSKA, GZB 100_G;

Miejsce pomiarów: P-1, Ruda Śląska, Dzielnica Wirek, ul. Fitelberga;

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

Data oraz godzina wykonania pomiarów: 14.04.2015, godzina 10:41-12:41;

Pora wykonania pomiarów : dnia.

1. PODSTAWA BADAŃ

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

2. CEL BADAŃ

Celem badań jest określenie poziomów pól elektromagnetycznych w przedziale częstotliwości 100 kHz – 3 GHz (składowej *elektrycznej* E) w środowisku, w miejscach dostępnych dla ludności, na terenie obszaru zabudowy mieszkaniowej wielorodzinnej, położonej w dzielnicy miasta Ruda Śląska - Wirek, 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 dzielnicy Wirek przy ul. Fitelberga w granicach administracyjnych miasta Ruda Śląska. Zgodnie z obowiązującym Rozporządzeniem wysokość posadowienia sondy pomiarowej wyniosła h: 2 m n.p.t. W najbliższym sąsiedztwie punktu pomiarowego P-1, zagospodarowanie terenu stanowi wielokondygnacyjna zabudowa mieszkaniowa wielorodzinna oraz garaże. Najbliższy obiekt budowlany – ciąg garaży, oddalone od punktu pomiarowego są o 27 m, znajdują się w kierunku wschodnim. Najbliższa względem P-1 zabudowa mieszkalna – pięciokondygnacyjny budynek wielorodzinny przy ul. Fitelberga 12, znajduje się w kierunku południowo-zachodnim w odległości 26 m. W kierunku północnym za pasem terenów zielonych zagospodarowanych porterowymi budynkami handlowo-usługowymi znajduje się zabudowa mieszkalna przy ul. Osiedlowej.
W promieniu ≤ 300 m od P-1 zlokalizowane są 2 instalacje radiokomunikacyjne emitujące pola elektromagnetyczne do środowiska – stacje bazowe telefonii komórkowej.

Klasyfikacja rodzaju terenu wg wytycznych przedmiotowego Rozporządzenia:
Dzielnica (osiedle) miasta o liczbie mieszkańców powyżej 50 tyś.

Nomenklatura jednostki terytorialnej (NTS):
Ruda Śląska 5.2.24.48.72.01.1

Współrzędne geogr. (GPS) punktu pomiarowego poziomów pól elektromagnetycznych w środowisku:
N 50°16'19.3";
E 18°51'39.3";

Wysokość lokalizacji punktu pomiarowego:
h: 2,0 [m] n.p.t.;

Odległości punktu pomiarowego od elewacji najbliższych obiektów mieszkalnych wielorodzinnych, zlokalizowanych w pobliżu przekroju pomiarowego poziomów pól w środowisku:
l = 26 [m] - od elewacji budynku mieszkalnego wielorodzinnego przy ul. Fitelberga 12

Lokalizacja punktu pomiarowego – pas zieleni przy drodze dojazdowej do budynku przy ul. Fitelberga 12.

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">14-04-2015 r.
10:41:22–12:41:22</td><td colspan="2">Wyniki pomiarów:</td></tr>
<tr><td>T [°C]</td><td>10,2 – 15,3</td></tr>
<tr><td>RH [%]</td><td>35,0 – 39,1</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.:

Zastosowany przyrząd pomiarowy poziomów pól oraz sonda pomiarowa poziomów pól posiadają stosowne *świadectwa wzorcowania* nr LWiMP/W/185/14 z dnia 6 października 2014 r. wydane 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 285 m oraz 180 m od punktu pomiarowego P-1, w kierunkach północno-zachodnim i północnym, znajduje się rząd budynków mieszkalnych przy ul. Osiedlowej, na dachu, których zainstalowano anteny nadawczo-odbiorcze 2 stacji bazowych telefonii komórkowej, administrowanych przez Polkomtel Sp. z o.o. oraz P4 Sp. z o.o. W tabelach 2 i 3 przedstawiono wyspecyfikowane parametry instalacji, zebrane na podstawie materiałów uzyskanych od operatorów instalacji.

Tabela 2

<u>Zarządzający instalacją</u>:
Polkomtel Sp. z o.o.
ul. Konduktorska 4,
02-673 Warszawa,

<u>Nazwa instalacji wg nomenklatury użytkownika:</u>
Stacja bazowa nr: **BT-20065 Ruda Śląska**

<u>Lokalizacja:</u>
Dach budynku mieszkalnego w Rudzie Śląskiej, ul. Osiedlowa 11.

Lp.	**Azymut** [^{0}]	**Typ anteny**	**Pasmo (system) pracy [MHz]**	**Wysokość zawieszenia H [m] n.p.t.**	**EIRP $_{max}$ [W]**
1.	50	Antena sektorowa BSA1052	800 (LTE) 1800 (LTE) 2100 (UMTS)	24,0	1652 1649 1860
2.	180	Antena sektorowa BSA1008	2100 (UMTS)	22,5	2458
3.	180	Antena sektorowa BSA1008	800 (LTE) 1800 (LTE)	22,5	1633 3002
4.	290	Antena sektorowa BSA1008	2100 (UMTS)	22,5	2458
5.	290	Antena sektorowa BSA1008	800 (LTE) 1800 (LTE)	22,5	1633 3002

EIRP $_{max}$, łącznie ze wszystkich anten sektorowych instalacji: **19 347** [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,
02-677 Warszawa,

<u>Nazwa instalacji wg nomenklatury użytkownika:</u>
Stacja bazowa nr: **GZB0100_G**

<u>Lokalizacja:</u>
Dach budynku mieszkalnego przy ul. Osiedlowej 3 w Rudzie Śląskiej.

Lp.	**Azymut [^{0}]**	**Typ anteny**	**Pasmo (system) pracy [MHz]**	**Wysokość zawieszenia H [m] n.p.t.**	**EIRP $_{max}$ [W]**
1.	0	Antena sektorowa Kathrein 742215	2100 (UMTS)	23,5	3981
2.	120	Antena sektorowa Kathrein 742215	2100 (UMTS)	23,5	3981
3.	240	Antena sektorowa Kathrein 742215	2100 (UMTS)	23,5	3981
4.	0	Antena sektorowa Kathrein 742215	1800 (LTE)	23,5	4677
5.	120	Antena sektorowa Kathrein 742215	1800 (LTE)	23,5	3715
6.	240	Antena sektorowa Kathrein 742215	1800 (LTE)	23,5	4677

EIRP $_{max}$, łącznie ze wszystkich anten sektorowych instalacji: **25 012** [W]

Objaśnienia:

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

7. WYNIKI BADAŃ

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

Tabela 4

Lp.	Punkt pomiarowy poziomów pól elektromagnetycznych w środowisku	Natężenie pola elektrycznego E **) [V/m]	Niepewność pomiaru $U_{E\ 0,95}$ [dB]
1.	P-1 ul. Fitelberga Dzielnica - Wirek Miasto – Ruda Śląska	0,33	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

Date 04/14/2015
Time 10:41:22 AM

Załącznik nr 1 do Sprawozdania z badań nr 180/2015

Instrument / Site

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

Site	Coordinates
P-1, ul. Fitelberga Dzielnica - Wirek Miasto (powiat) - Ruda Śląska Województwo - śląskie	Latitude: 50°16'19.3" N Longitude: 18°51'39.3" E

Comment
Pomiary poziomów pól elektromagnetycznych 100 kHz - 3 GHz (składowej elektrycznej E) w środowisku; 14.04.2015 r., Ruda Śląska, 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 2015 rok

Measured Values

Zoomed

Timer: Start Time 10:41:22 AM, Period 2h 0' 0", Interval 10s

Index	Date/Time	Zero	Max (E-Field)	Avg (E-Field)	Min (E-Field)
1	04/14/2015 10:41:32 AM		1.315 V/m	0.6771 V/m	0.2453 V/m
2	04/14/2015 10:41:42 AM		0.5792 V/m	0.3806 V/m	0.1237 V/m
3	04/14/2015 10:41:52 AM		0.5585 V/m	0.4115 V/m	0.1702 V/m
4	04/14/2015 10:42:02 AM		0.5138 V/m	0.3957 V/m	0.1765 V/m
5	04/14/2015 10:42:12 AM		0.6227 V/m	0.4068 V/m	0.2540 V/m
6	04/14/2015 10:42:22 AM		0.6581 V/m	0.3709 V/m	0.2430 V/m
7	04/14/2015 10:42:32 AM		0.4992 V/m	0.3454 V/m	0.1259 V/m
8	04/14/2015 10:42:42 AM		0.5207 V/m	0.3397 V/m	0.2464 V/m
9	04/14/2015 10:42:52 AM		0.4184 V/m	0.3225 V/m	0.2327 V/m
10	04/14/2015 10:43:02 AM		0.4444 V/m	0.3218 V/m	0.2430 V/m
11	04/14/2015 10:43:12 AM		0.6016 V/m	0.3469 V/m	0.1121 V/m
12	04/14/2015 10:43:22 AM		0.4869 V/m	0.3393 V/m	0.2131 V/m
13	04/14/2015 10:43:32 AM		0.4078 V/m	0.3257 V/m	0.2453 V/m
14	04/14/2015 10:43:42 AM		0.4038 V/m	0.3297 V/m	0.1998 V/m
15	04/14/2015 10:43:52 AM		0.3821 V/m	0.3176 V/m	0.1654 V/m
16	04/14/2015 10:44:02 AM		0.3676 V/m	0.3258 V/m	0.2615 V/m
17	04/14/2015 10:44:12 AM		0.3920 V/m	0.3070 V/m	0.2529 V/m
18	04/14/2015 10:44:22 AM		0.3397 V/m	0.3098 V/m	0.2677 V/m
19	04/14/2015 10:44:32 AM		0.3429 V/m	0.3116 V/m	0.2604 V/m
20	04/14/2015 10:44:42 AM		0.3639 V/m	0.3106 V/m	0.2453 V/m
21	04/14/2015 10:44:52 AM		0.3893 V/m	0.3093 V/m	0.2486 V/m
22	04/14/2015 10:45:02 AM		0.3668 V/m	0.3043 V/m	0.2497 V/m
23	04/14/2015 10:45:12 AM		0.5978 V/m	0.3501 V/m	0.1686 V/m
24	04/14/2015 10:45:22 AM		0.7246 V/m	0.3654 V/m	0.0935 V/m
25	04/14/2015 10:45:32 AM		0.4707 V/m	0.3255 V/m	0.1586 V/m
26	04/14/2015 10:45:42 AM		0.3914 V/m	0.3142 V/m	0.1900 V/m
27	04/14/2015 10:45:52 AM		0.3821 V/m	0.3266 V/m	0.2464 V/m
28	04/14/2015 10:46:02 AM		0.4862 V/m	0.3657 V/m	0.2105 V/m
29	04/14/2015 10:46:12 AM		0.4941 V/m	0.3532 V/m	0.2464 V/m
30	04/14/2015 10:46:22 AM		0.4529 V/m	0.3349 V/m	0.2303 V/m
31	04/14/2015 10:46:32 AM		0.4255 V/m	0.3490 V/m	0.2604 V/m
32	04/14/2015 10:46:42 AM		0.3976 V/m	0.3420 V/m	0.2604 V/m
33	04/14/2015 10:46:52 AM		0.3983 V/m	0.3214 V/m	0.2169 V/m
34	04/14/2015 10:47:02 AM		0.3955 V/m	0.3520 V/m	0.2995 V/m
35	04/14/2015 10:47:12 AM		0.4118 V/m	0.3568 V/m	0.2995 V/m
36	04/14/2015 10:47:22 AM		0.4325 V/m	0.3508 V/m	0.2508 V/m
37	04/14/2015 10:47:32 AM		0.3608 V/m	0.3215 V/m	0.2594 V/m
38	04/14/2015 10:47:42 AM		0.3578 V/m	0.3199 V/m	0.2065 V/m
39	04/14/2015 10:47:52 AM		0.3976 V/m	0.3390 V/m	0.2874 V/m
40	04/14/2015 10:48:02 AM		0.3713 V/m	0.3312 V/m	0.2949 V/m
41	04/14/2015 10:48:12 AM		0.3705 V/m	0.3338 V/m	0.2995 V/m
42	04/14/2015 10:48:22 AM		0.4177 V/m	0.3471 V/m	0.2572 V/m
43	04/14/2015 10:48:32 AM		0.4407 V/m	0.3583 V/m	0.2604 V/m
44	04/14/2015 10:48:42 AM		0.3638 V/m	0.3283 V/m	0.2625 V/m
45	04/14/2015 10:48:52 AM		0.3484 V/m	0.3146 V/m	0.2475 V/m
46	04/14/2015 10:49:02 AM		0.4518 V/m	0.3319 V/m	0.2231 V/m
47	04/14/2015 10:49:12 AM		0.4229 V/m	0.3244 V/m	0.2562 V/m
48	04/14/2015 10:49:22 AM		0.4828 V/m	0.3376 V/m	0.0000 V/m

49	04/14/2015 10:49:32 AM	0.4731 V/m	0.3377 V/m	0.2156 V/m
50	04/14/2015 10:49:42 AM	0.4363 V/m	0.3602 V/m	0.2267 V/m
51	04/14/2015 10:49:52 AM	0.5278 V/m	0.3399 V/m	0.1281 V/m
52	04/14/2015 10:50:02 AM	0.5050 V/m	0.3544 V/m	0.1302 V/m
53	04/14/2015 10:50:12 AM	0.4511 V/m	0.3562 V/m	0.2646 V/m
54	04/14/2015 10:50:22 AM	0.4655 V/m	0.3475 V/m	0.2350 V/m
55	04/14/2015 10:50:32 AM	0.4003 V/m	0.3241 V/m	0.2646 V/m
56	04/14/2015 10:50:42 AM	0.4517 V/m	0.3693 V/m	0.2656 V/m
57	04/14/2015 10:50:52 AM	0.4511 V/m	0.3468 V/m	0.2787 V/m
58	04/14/2015 10:51:02 AM	0.4649 V/m	0.3522 V/m	0.2194 V/m
59	04/14/2015 10:51:12 AM	0.4281 V/m	0.3374 V/m	0.2508 V/m
60	04/14/2015 10:51:22 AM	0.4713 V/m	0.3313 V/m	0.1841 V/m
61	04/14/2015 10:51:32 AM	0.3779 V/m	0.3261 V/m	0.2707 V/m
62	04/14/2015 10:51:42 AM	0.4559 V/m	0.3531 V/m	0.2656 V/m
63	04/14/2015 10:51:52 AM	0.4597 V/m	0.3443 V/m	0.1928 V/m
64	04/14/2015 10:52:02 AM	0.4487 V/m	0.3324 V/m	0.2508 V/m
65	04/14/2015 10:52:12 AM	0.3554 V/m	0.3291 V/m	0.2218 V/m
66	04/14/2015 10:52:22 AM	0.3608 V/m	0.3267 V/m	0.2874 V/m
67	04/14/2015 10:52:32 AM	0.3631 V/m	0.3074 V/m	0.2707 V/m
68	04/14/2015 10:52:42 AM	0.3600 V/m	0.3152 V/m	0.2583 V/m
69	04/14/2015 10:52:52 AM	0.3661 V/m	0.3186 V/m	0.2697 V/m
70	04/14/2015 10:53:02 AM	0.3690 V/m	0.3177 V/m	0.2747 V/m
71	04/14/2015 10:53:12 AM	0.3850 V/m	0.3369 V/m	0.3004 V/m
72	04/14/2015 10:53:22 AM	0.3899 V/m	0.3306 V/m	0.2727 V/m
73	04/14/2015 10:53:32 AM	0.3793 V/m	0.3232 V/m	0.2826 V/m
74	04/14/2015 10:53:42 AM	0.3990 V/m	0.3299 V/m	0.2893 V/m
75	04/14/2015 10:53:52 AM	0.3389 V/m	0.3124 V/m	0.2806 V/m
76	04/14/2015 10:54:02 AM	0.3554 V/m	0.3210 V/m	0.2911 V/m
77	04/14/2015 10:54:12 AM	0.4085 V/m	0.3367 V/m	0.2930 V/m
78	04/14/2015 10:54:22 AM	0.4064 V/m	0.3473 V/m	0.2864 V/m
79	04/14/2015 10:54:32 AM	0.4444 V/m	0.3405 V/m	0.2156 V/m
80	04/14/2015 10:54:42 AM	0.3893 V/m	0.3268 V/m	0.2562 V/m
81	04/14/2015 10:54:52 AM	0.3508 V/m	0.3101 V/m	0.2315 V/m
82	04/14/2015 10:55:02 AM	0.4191 V/m	0.3223 V/m	0.2339 V/m
83	04/14/2015 10:55:12 AM	0.3771 V/m	0.3216 V/m	0.2156 V/m
84	04/14/2015 10:55:22 AM	0.3577 V/m	0.3154 V/m	0.2656 V/m
85	04/14/2015 10:55:32 AM	0.3836 V/m	0.3192 V/m	0.2156 V/m
86	04/14/2015 10:55:42 AM	0.3941 V/m	0.3211 V/m	0.1718 V/m
87	04/14/2015 10:55:52 AM	0.4896 V/m	0.3468 V/m	0.2977 V/m
88	04/14/2015 10:56:02 AM	0.3871 V/m	0.3432 V/m	0.3040 V/m
89	04/14/2015 10:56:12 AM	0.3786 V/m	0.3430 V/m	0.2958 V/m
90	04/14/2015 10:56:22 AM	0.4010 V/m	0.3440 V/m	0.2430 V/m
91	04/14/2015 10:56:32 AM	0.4031 V/m	0.3154 V/m	0.2497 V/m
92	04/14/2015 10:56:42 AM	0.4058 V/m	0.3227 V/m	0.2267 V/m
93	04/14/2015 10:56:52 AM	0.4065 V/m	0.3341 V/m	0.2530 V/m
94	04/14/2015 10:57:02 AM	0.5542 V/m	0.3310 V/m	0.2118 V/m
95	04/14/2015 10:57:12 AM	0.4010 V/m	0.3146 V/m	0.2464 V/m
96	04/14/2015 10:57:22 AM	0.3735 V/m	0.3238 V/m	0.2727 V/m
97	04/14/2015 10:57:32 AM	0.3927 V/m	0.3258 V/m	0.2078 V/m
98	04/14/2015 10:57:42 AM	0.4051 V/m	0.3317 V/m	0.2777 V/m
99	04/14/2015 10:57:52 AM	0.3508 V/m	0.3092 V/m	0.2835 V/m
100	04/14/2015 10:58:02 AM	0.4216 V/m	0.3358 V/m	0.1796 V/m
101	04/14/2015 10:58:12 AM	0.3814 V/m	0.3294 V/m	0.2339 V/m
102	04/14/2015 10:58:22 AM	0.4099 V/m	0.3171 V/m	0.1826 V/m
103	04/14/2015 10:58:32 AM	0.4210 V/m	0.3215 V/m	0.2519 V/m

104	04/14/2015 10:58:42 AM	0.3638 V/m	0.3246 V/m	0.2593 V/m
105	04/14/2015 10:58:52 AM	0.3764 V/m	0.3370 V/m	0.2874 V/m
106	04/14/2015 10:59:02 AM	0.3562 V/m	0.3143 V/m	0.2757 V/m
107	04/14/2015 10:59:12 AM	0.4499 V/m	0.3342 V/m	0.2303 V/m
108	04/14/2015 10:59:22 AM	0.3990 V/m	0.3580 V/m	0.3120 V/m
109	04/14/2015 10:59:32 AM	0.3676 V/m	0.3293 V/m	0.2835 V/m
110	04/14/2015 10:59:42 AM	0.3524 V/m	0.3245 V/m	0.2707 V/m
111	04/14/2015 10:59:52 AM	0.3857 V/m	0.3429 V/m	0.3120 V/m
112	04/14/2015 11:00:02 AM	0.3668 V/m	0.3314 V/m	0.3040 V/m
113	04/14/2015 11:00:12 AM	0.3735 V/m	0.3236 V/m	0.2757 V/m
114	04/14/2015 11:00:22 AM	0.3821 V/m	0.3473 V/m	0.3164 V/m
115	04/14/2015 11:00:32 AM	0.3996 V/m	0.3475 V/m	0.2995 V/m
116	04/14/2015 11:00:42 AM	0.3941 V/m	0.3272 V/m	0.2855 V/m
117	04/14/2015 11:00:52 AM	0.4010 V/m	0.3334 V/m	0.2727 V/m
118	04/14/2015 11:01:02 AM	0.4058 V/m	0.3388 V/m	0.2562 V/m
119	04/14/2015 11:01:12 AM	0.4203 V/m	0.3330 V/m	0.2551 V/m
120	04/14/2015 11:01:22 AM	0.4024 V/m	0.3128 V/m	0.1765 V/m
121	04/14/2015 11:01:32 AM	0.3429 V/m	0.3026 V/m	0.2453 V/m
122	04/14/2015 11:01:42 AM	0.3764 V/m	0.3165 V/m	0.2486 V/m
123	04/14/2015 11:01:52 AM	0.3742 V/m	0.3379 V/m	0.3076 V/m
124	04/14/2015 11:02:02 AM	0.3720 V/m	0.3209 V/m	0.2864 V/m
125	04/14/2015 11:02:12 AM	0.3698 V/m	0.3202 V/m	0.2911 V/m
126	04/14/2015 11:02:22 AM	0.3698 V/m	0.3147 V/m	0.2231 V/m
127	04/14/2015 11:02:32 AM	0.4010 V/m	0.3264 V/m	0.2625 V/m
128	04/14/2015 11:02:42 AM	0.4171 V/m	0.3393 V/m	0.2540 V/m
129	04/14/2015 11:02:52 AM	0.4351 V/m	0.3394 V/m	0.2767 V/m
130	04/14/2015 11:03:02 AM	0.3920 V/m	0.3178 V/m	0.2562 V/m
131	04/14/2015 11:03:12 AM	0.3892 V/m	0.3355 V/m	0.2940 V/m
132	04/14/2015 11:03:22 AM	0.3879 V/m	0.3495 V/m	0.3022 V/m
133	04/14/2015 11:03:32 AM	0.3683 V/m	0.3168 V/m	0.2737 V/m
134	04/14/2015 11:03:42 AM	0.4766 V/m	0.3342 V/m	0.1192 V/m
135	04/14/2015 11:03:52 AM	0.5402 V/m	0.3725 V/m	0.2551 V/m
136	04/14/2015 11:04:02 AM	0.4224 V/m	0.3309 V/m	0.0935 V/m
137	04/14/2015 11:04:12 AM	0.4032 V/m	0.3276 V/m	0.2519 V/m
138	04/14/2015 11:04:22 AM	0.3807 V/m	0.3218 V/m	0.2594 V/m
139	04/14/2015 11:04:32 AM	0.4419 V/m	0.3309 V/m	0.2156 V/m
140	04/14/2015 11:04:42 AM	0.4835 V/m	0.3392 V/m	0.2315 V/m
141	04/14/2015 11:04:52 AM	0.3577 V/m	0.3314 V/m	0.2864 V/m
142	04/14/2015 11:05:02 AM	0.3949 V/m	0.3505 V/m	0.3040 V/m
143	04/14/2015 11:05:12 AM	0.4332 V/m	0.3483 V/m	0.2315 V/m
144	04/14/2015 11:05:22 AM	0.4275 V/m	0.3516 V/m	0.2747 V/m
145	04/14/2015 11:05:32 AM	0.5012 V/m	0.3521 V/m	0.2807 V/m
146	04/14/2015 11:05:42 AM	0.3836 V/m	0.3367 V/m	0.2949 V/m
147	04/14/2015 11:05:52 AM	0.4262 V/m	0.3530 V/m	0.2977 V/m
148	04/14/2015 11:06:02 AM	0.3901 V/m	0.3258 V/m	0.2707 V/m
149	04/14/2015 11:06:12 AM	0.3616 V/m	0.3196 V/m	0.2666 V/m
150	04/14/2015 11:06:22 AM	0.4091 V/m	0.3233 V/m	0.2912 V/m
151	04/14/2015 11:06:32 AM	0.3843 V/m	0.3180 V/m	0.2593 V/m
152	04/14/2015 11:06:42 AM	0.3492 V/m	0.3192 V/m	0.2893 V/m
153	04/14/2015 11:06:52 AM	0.3749 V/m	0.3227 V/m	0.2635 V/m
154	04/14/2015 11:07:02 AM	0.3814 V/m	0.3265 V/m	0.2551 V/m
155	04/14/2015 11:07:12 AM	0.3793 V/m	0.3325 V/m	0.2787 V/m
156	04/14/2015 11:07:22 AM	0.3683 V/m	0.3338 V/m	0.2921 V/m
157	04/14/2015 11:07:32 AM	0.3800 V/m	0.3441 V/m	0.2874 V/m
158	04/14/2015 11:07:42 AM	0.4177 V/m	0.3504 V/m	0.2350 V/m

159	04/14/2015 11:07:52 AM	0.3990 V/m	0.3378 V/m	0.2350 V/m
160	04/14/2015 11:08:02 AM	0.3927 V/m	0.3191 V/m	0.2291 V/m
161	04/14/2015 11:08:12 AM	0.3676 V/m	0.3195 V/m	0.2667 V/m
162	04/14/2015 11:08:22 AM	0.3676 V/m	0.3183 V/m	0.2697 V/m
163	04/14/2015 11:08:32 AM	0.4382 V/m	0.3340 V/m	0.2529 V/m
164	04/14/2015 11:08:42 AM	0.3653 V/m	0.3320 V/m	0.2666 V/m
165	04/14/2015 11:08:52 AM	0.3983 V/m	0.3431 V/m	0.2883 V/m
166	04/14/2015 11:09:02 AM	0.3843 V/m	0.3358 V/m	0.2940 V/m
167	04/14/2015 11:09:12 AM	0.4024 V/m	0.3348 V/m	0.2977 V/m
168	04/14/2015 11:09:22 AM	0.3631 V/m	0.3216 V/m	0.2845 V/m
169	04/14/2015 11:09:32 AM	0.3756 V/m	0.3299 V/m	0.3013 V/m
170	04/14/2015 11:09:42 AM	0.3864 V/m	0.3342 V/m	0.3031 V/m
171	04/14/2015 11:09:52 AM	0.3941 V/m	0.3377 V/m	0.2453 V/m
172	04/14/2015 11:10:02 AM	0.3857 V/m	0.3214 V/m	0.2727 V/m
173	04/14/2015 11:10:12 AM	0.3485 V/m	0.3212 V/m	0.2883 V/m
174	04/14/2015 11:10:22 AM	0.3547 V/m	0.3279 V/m	0.2855 V/m
175	04/14/2015 11:10:32 AM	0.3829 V/m	0.3263 V/m	0.2787 V/m
176	04/14/2015 11:10:42 AM	0.4217 V/m	0.3489 V/m	0.2497 V/m
177	04/14/2015 11:10:52 AM	0.5023 V/m	0.3690 V/m	0.3022 V/m
178	04/14/2015 11:11:02 AM	0.5029 V/m	0.3577 V/m	0.2551 V/m
179	04/14/2015 11:11:12 AM	0.5487 V/m	0.3717 V/m	0.2012 V/m
180	04/14/2015 11:11:22 AM	0.4572 V/m	0.3432 V/m	0.2583 V/m
181	04/14/2015 11:11:32 AM	0.3955 V/m	0.3410 V/m	0.2826 V/m
182	04/14/2015 11:11:42 AM	0.4191 V/m	0.3571 V/m	0.2977 V/m
183	04/14/2015 11:11:52 AM	0.4125 V/m	0.3333 V/m	0.2796 V/m
184	04/14/2015 11:12:02 AM	0.3485 V/m	0.3199 V/m	0.2930 V/m
185	04/14/2015 11:12:12 AM	0.3771 V/m	0.3226 V/m	0.2826 V/m
186	04/14/2015 11:12:22 AM	0.3421 V/m	0.3129 V/m	0.2697 V/m
187	04/14/2015 11:12:32 AM	0.3585 V/m	0.3205 V/m	0.2826 V/m
188	04/14/2015 11:12:42 AM	0.3948 V/m	0.3376 V/m	0.2893 V/m
189	04/14/2015 11:12:52 AM	0.3976 V/m	0.3370 V/m	0.2921 V/m
190	04/14/2015 11:13:02 AM	0.3941 V/m	0.3336 V/m	0.2796 V/m
191	04/14/2015 11:13:12 AM	0.4495 V/m	0.3280 V/m	0.2797 V/m
192	04/14/2015 11:13:22 AM	0.4044 V/m	0.3457 V/m	0.3138 V/m
193	04/14/2015 11:13:32 AM	0.4736 V/m	0.3621 V/m	0.2385 V/m
194	04/14/2015 11:13:42 AM	0.3727 V/m	0.3277 V/m	0.2677 V/m
195	04/14/2015 11:13:52 AM	0.4438 V/m	0.3425 V/m	0.2373 V/m
196	04/14/2015 11:14:02 AM	0.4294 V/m	0.3627 V/m	0.2408 V/m
197	04/14/2015 11:14:12 AM	0.4144 V/m	0.3532 V/m	0.2893 V/m
198	04/14/2015 11:14:22 AM	0.4365 V/m	0.3538 V/m	0.2666 V/m
199	04/14/2015 11:14:32 AM	0.5051 V/m	0.3661 V/m	0.2169 V/m
200	04/14/2015 11:14:42 AM	0.4197 V/m	0.3534 V/m	0.2826 V/m
201	04/14/2015 11:14:52 AM	0.3653 V/m	0.3392 V/m	0.3111 V/m
202	04/14/2015 11:15:02 AM	0.4369 V/m	0.3669 V/m	0.3120 V/m
203	04/14/2015 11:15:12 AM	0.4024 V/m	0.3407 V/m	0.2826 V/m
204	04/14/2015 11:15:22 AM	0.4242 V/m	0.3613 V/m	0.3103 V/m
205	04/14/2015 11:15:32 AM	0.3941 V/m	0.3502 V/m	0.2796 V/m
206	04/14/2015 11:15:42 AM	0.4184 V/m	0.3697 V/m	0.2986 V/m
207	04/14/2015 11:15:52 AM	0.4078 V/m	0.3536 V/m	0.2921 V/m
208	04/14/2015 11:16:02 AM	0.4124 V/m	0.3551 V/m	0.3067 V/m
209	04/14/2015 11:16:12 AM	0.3878 V/m	0.3298 V/m	0.2902 V/m
210	04/14/2015 11:16:22 AM	0.3616 V/m	0.3320 V/m	0.3013 V/m
211	04/14/2015 11:16:32 AM	0.3381 V/m	0.3110 V/m	0.2816 V/m
212	04/14/2015 11:16:42 AM	0.3955 V/m	0.3286 V/m	0.2757 V/m
213	04/14/2015 11:16:52 AM	0.3683 V/m	0.3189 V/m	0.2327 V/m

214	04/14/2015 11:17:02 AM	0.4092 V/m	0.3188 V/m	0.2408 V/m
215	04/14/2015 11:17:12 AM	0.4051 V/m	0.3296 V/m	0.2687 V/m
216	04/14/2015 11:17:22 AM	0.3793 V/m	0.3156 V/m	0.2911 V/m
217	04/14/2015 11:17:32 AM	0.3900 V/m	0.3207 V/m	0.2737 V/m
218	04/14/2015 11:17:42 AM	0.3907 V/m	0.3337 V/m	0.2930 V/m
219	04/14/2015 11:17:52 AM	0.3814 V/m	0.3297 V/m	0.2949 V/m
220	04/14/2015 11:18:02 AM	0.3661 V/m	0.3205 V/m	0.2767 V/m
221	04/14/2015 11:18:12 AM	0.3616 V/m	0.3183 V/m	0.2767 V/m
222	04/14/2015 11:18:22 AM	0.3983 V/m	0.3219 V/m	0.2949 V/m
223	04/14/2015 11:18:32 AM	0.3676 V/m	0.3178 V/m	0.2707 V/m
224	04/14/2015 11:18:42 AM	0.3735 V/m	0.3292 V/m	0.2911 V/m
225	04/14/2015 11:18:52 AM	0.3907 V/m	0.3394 V/m	0.2747 V/m
226	04/14/2015 11:19:02 AM	0.3683 V/m	0.3342 V/m	0.2986 V/m
227	04/14/2015 11:19:12 AM	0.3914 V/m	0.3294 V/m	0.2958 V/m
228	04/14/2015 11:19:22 AM	0.3843 V/m	0.3171 V/m	0.2572 V/m
229	04/14/2015 11:19:32 AM	0.4044 V/m	0.3390 V/m	0.2940 V/m
230	04/14/2015 11:19:42 AM	0.3601 V/m	0.3287 V/m	0.2986 V/m
231	04/14/2015 11:19:52 AM	0.3578 V/m	0.3267 V/m	0.2883 V/m
232	04/14/2015 11:20:02 AM	0.3600 V/m	0.3330 V/m	0.3040 V/m
233	04/14/2015 11:20:12 AM	0.3913 V/m	0.3329 V/m	0.3004 V/m
234	04/14/2015 11:20:22 AM	0.3757 V/m	0.3178 V/m	0.2855 V/m
235	04/14/2015 11:20:32 AM	0.4051 V/m	0.3337 V/m	0.2687 V/m
236	04/14/2015 11:20:42 AM	0.3814 V/m	0.3333 V/m	0.3004 V/m
237	04/14/2015 11:20:52 AM	0.4044 V/m	0.3482 V/m	0.3040 V/m
238	04/14/2015 11:21:02 AM	0.3899 V/m	0.3260 V/m	0.2949 V/m
239	04/14/2015 11:21:12 AM	0.3927 V/m	0.3260 V/m	0.2930 V/m
240	04/14/2015 11:21:22 AM	0.3836 V/m	0.3168 V/m	0.2697 V/m
241	04/14/2015 11:21:32 AM	0.3906 V/m	0.3202 V/m	0.2687 V/m
242	04/14/2015 11:21:42 AM	0.3886 V/m	0.3153 V/m	0.1942 V/m
243	04/14/2015 11:21:52 AM	0.3800 V/m	0.3164 V/m	0.2551 V/m
244	04/14/2015 11:22:02 AM	0.3705 V/m	0.3182 V/m	0.2551 V/m
245	04/14/2015 11:22:12 AM	0.3661 V/m	0.3214 V/m	0.2530 V/m
246	04/14/2015 11:22:22 AM	0.4344 V/m	0.3432 V/m	0.2747 V/m
247	04/14/2015 11:22:32 AM	0.4144 V/m	0.3528 V/m	0.2508 V/m
248	04/14/2015 11:22:42 AM	0.3516 V/m	0.3090 V/m	0.2118 V/m
249	04/14/2015 11:22:52 AM	0.3892 V/m	0.3266 V/m	0.2697 V/m
250	04/14/2015 11:23:02 AM	0.4184 V/m	0.3336 V/m	0.2949 V/m
251	04/14/2015 11:23:12 AM	0.4287 V/m	0.3389 V/m	0.2717 V/m
252	04/14/2015 11:23:22 AM	0.3756 V/m	0.3406 V/m	0.2995 V/m
253	04/14/2015 11:23:32 AM	0.3661 V/m	0.3272 V/m	0.2453 V/m
254	04/14/2015 11:23:42 AM	0.3484 V/m	0.3271 V/m	0.2967 V/m
255	04/14/2015 11:23:52 AM	0.3453 V/m	0.3021 V/m	0.2572 V/m
256	04/14/2015 11:24:02 AM	0.4111 V/m	0.3564 V/m	0.3049 V/m
257	04/14/2015 11:24:12 AM	0.4210 V/m	0.3652 V/m	0.2677 V/m
258	04/14/2015 11:24:22 AM	0.3778 V/m	0.3287 V/m	0.2787 V/m
259	04/14/2015 11:24:32 AM	0.3555 V/m	0.3221 V/m	0.2930 V/m
260	04/14/2015 11:24:42 AM	0.3771 V/m	0.3246 V/m	0.2826 V/m
261	04/14/2015 11:24:52 AM	0.3646 V/m	0.3264 V/m	0.2806 V/m
262	04/14/2015 11:25:02 AM	0.3570 V/m	0.3293 V/m	0.2767 V/m
263	04/14/2015 11:25:12 AM	0.4044 V/m	0.3301 V/m	0.2604 V/m
264	04/14/2015 11:25:22 AM	0.4064 V/m	0.3493 V/m	0.2777 V/m
265	04/14/2015 11:25:32 AM	0.4518 V/m	0.3557 V/m	0.2519 V/m
266	04/14/2015 11:25:42 AM	0.3969 V/m	0.3324 V/m	0.2385 V/m
267	04/14/2015 11:25:52 AM	0.3962 V/m	0.3503 V/m	0.2968 V/m
268	04/14/2015 11:26:02 AM	0.4230 V/m	0.3370 V/m	0.1403 V/m

269	04/14/2015 11:26:12 AM	0.4817 V/m	0.3703 V/m	0.2529 V/m
270	04/14/2015 11:26:22 AM	0.4332 V/m	0.3339 V/m	0.1718 V/m
271	04/14/2015 11:26:32 AM	0.3864 V/m	0.3135 V/m	0.2267 V/m
272	04/14/2015 11:26:42 AM	0.3749 V/m	0.3148 V/m	0.1686 V/m
273	04/14/2015 11:26:52 AM	0.3914 V/m	0.3222 V/m	0.2551 V/m
274	04/14/2015 11:27:02 AM	0.3800 V/m	0.3156 V/m	0.2350 V/m
275	04/14/2015 11:27:12 AM	0.3941 V/m	0.3207 V/m	0.2796 V/m
276	04/14/2015 11:27:22 AM	0.3948 V/m	0.3354 V/m	0.2940 V/m
277	04/14/2015 11:27:32 AM	0.3661 V/m	0.3235 V/m	0.2787 V/m
278	04/14/2015 11:27:42 AM	0.3683 V/m	0.3361 V/m	0.2883 V/m
279	04/14/2015 11:27:52 AM	0.3829 V/m	0.3410 V/m	0.2986 V/m
280	04/14/2015 11:28:02 AM	0.3969 V/m	0.3490 V/m	0.3129 V/m
281	04/14/2015 11:28:12 AM	0.3976 V/m	0.3434 V/m	0.3022 V/m
282	04/14/2015 11:28:22 AM	0.3668 V/m	0.3297 V/m	0.2874 V/m
283	04/14/2015 11:28:32 AM	0.3814 V/m	0.3498 V/m	0.2940 V/m
284	04/14/2015 11:28:42 AM	0.3814 V/m	0.3480 V/m	0.3067 V/m
285	04/14/2015 11:28:52 AM	0.4432 V/m	0.3382 V/m	0.2396 V/m
286	04/14/2015 11:29:02 AM	0.3829 V/m	0.3325 V/m	0.2419 V/m
287	04/14/2015 11:29:12 AM	0.4560 V/m	0.3356 V/m	0.2243 V/m
288	04/14/2015 11:29:22 AM	0.3821 V/m	0.3409 V/m	0.2796 V/m
289	04/14/2015 11:29:32 AM	0.3843 V/m	0.3056 V/m	0.1586 V/m
290	04/14/2015 11:29:42 AM	0.4197 V/m	0.3218 V/m	0.1343 V/m
291	04/14/2015 11:29:52 AM	0.4300 V/m	0.3539 V/m	0.2593 V/m
292	04/14/2015 11:30:02 AM	0.3793 V/m	0.3139 V/m	0.2486 V/m
293	04/14/2015 11:30:12 AM	0.3899 V/m	0.3487 V/m	0.3146 V/m
294	04/14/2015 11:30:22 AM	0.3976 V/m	0.3425 V/m	0.2666 V/m
295	04/14/2015 11:30:32 AM	0.4164 V/m	0.3344 V/m	0.1900 V/m
296	04/14/2015 11:30:42 AM	0.4044 V/m	0.3309 V/m	0.2727 V/m
297	04/14/2015 11:30:52 AM	0.4896 V/m	0.3605 V/m	0.2052 V/m
298	04/14/2015 11:31:02 AM	0.4382 V/m	0.3622 V/m	0.2339 V/m
299	04/14/2015 11:31:12 AM	0.3969 V/m	0.3423 V/m	0.2976 V/m
300	04/14/2015 11:31:22 AM	0.3800 V/m	0.3174 V/m	0.2497 V/m
301	04/14/2015 11:31:32 AM	0.4684 V/m	0.3194 V/m	0.1900 V/m
302	04/14/2015 11:31:42 AM	0.3941 V/m	0.3345 V/m	0.2845 V/m
303	04/14/2015 11:31:52 AM	0.3720 V/m	0.3102 V/m	0.2687 V/m
304	04/14/2015 11:32:02 AM	0.3785 V/m	0.3241 V/m	0.2583 V/m
305	04/14/2015 11:32:12 AM	0.3646 V/m	0.3039 V/m	0.1586 V/m
306	04/14/2015 11:32:22 AM	0.3807 V/m	0.3190 V/m	0.2625 V/m
307	04/14/2015 11:32:32 AM	0.3223 V/m	0.2907 V/m	0.2562 V/m
308	04/14/2015 11:32:42 AM	0.3373 V/m	0.3058 V/m	0.2747 V/m
309	04/14/2015 11:32:52 AM	0.3871 V/m	0.3257 V/m	0.2767 V/m
310	04/14/2015 11:33:02 AM	0.3675 V/m	0.3322 V/m	0.3058 V/m
311	04/14/2015 11:33:12 AM	0.3698 V/m	0.3196 V/m	0.2902 V/m
312	04/14/2015 11:33:22 AM	0.3477 V/m	0.3081 V/m	0.2796 V/m
313	04/14/2015 11:33:32 AM	0.3785 V/m	0.3239 V/m	0.2497 V/m
314	04/14/2015 11:33:42 AM	0.4078 V/m	0.3505 V/m	0.2625 V/m
315	04/14/2015 11:33:52 AM	0.3892 V/m	0.3460 V/m	0.3022 V/m
316	04/14/2015 11:34:02 AM	0.3969 V/m	0.3480 V/m	0.3004 V/m
317	04/14/2015 11:34:12 AM	0.4010 V/m	0.3306 V/m	0.2717 V/m
318	04/14/2015 11:34:22 AM	0.4010 V/m	0.3349 V/m	0.2373 V/m
319	04/14/2015 11:34:32 AM	0.3539 V/m	0.3155 V/m	0.2806 V/m
320	04/14/2015 11:34:42 AM	0.3983 V/m	0.3170 V/m	0.2604 V/m
321	04/14/2015 11:34:52 AM	0.3638 V/m	0.3326 V/m	0.2986 V/m
322	04/14/2015 11:35:02 AM	0.4098 V/m	0.3460 V/m	0.2912 V/m
323	04/14/2015 11:35:12 AM	0.3461 V/m	0.3257 V/m	0.3040 V/m

324	04/14/2015 11:35:22 AM	0.3683 V/m	0.3387 V/m	0.2995 V/m
325	04/14/2015 11:35:32 AM	0.4058 V/m	0.3549 V/m	0.3040 V/m
326	04/14/2015 11:35:42 AM	0.3554 V/m	0.3271 V/m	0.2976 V/m
327	04/14/2015 11:35:52 AM	0.3857 V/m	0.3311 V/m	0.2958 V/m
328	04/14/2015 11:36:02 AM	0.4058 V/m	0.3429 V/m	0.2939 V/m
329	04/14/2015 11:36:12 AM	0.4287 V/m	0.3584 V/m	0.2727 V/m
330	04/14/2015 11:36:22 AM	0.3850 V/m	0.3370 V/m	0.2864 V/m
331	04/14/2015 11:36:32 AM	0.3969 V/m	0.3478 V/m	0.2883 V/m
332	04/14/2015 11:36:42 AM	0.3445 V/m	0.3173 V/m	0.2315 V/m
333	04/14/2015 11:36:52 AM	0.3948 V/m	0.3318 V/m	0.2757 V/m
334	04/14/2015 11:37:02 AM	0.3705 V/m	0.3366 V/m	0.2902 V/m
335	04/14/2015 11:37:12 AM	0.3963 V/m	0.3426 V/m	0.2967 V/m
336	04/14/2015 11:37:22 AM	0.3864 V/m	0.3251 V/m	0.2604 V/m
337	04/14/2015 11:37:32 AM	0.4375 V/m	0.3499 V/m	0.2747 V/m
338	04/14/2015 11:37:42 AM	0.3836 V/m	0.3391 V/m	0.2604 V/m
339	04/14/2015 11:37:52 AM	0.3793 V/m	0.3305 V/m	0.2707 V/m
340	04/14/2015 11:38:02 AM	0.3843 V/m	0.3279 V/m	0.2551 V/m
341	04/14/2015 11:38:12 AM	0.4262 V/m	0.3515 V/m	0.2883 V/m
342	04/14/2015 11:38:22 AM	0.4058 V/m	0.3628 V/m	0.3307 V/m
343	04/14/2015 11:38:32 AM	0.4051 V/m	0.3459 V/m	0.3155 V/m
344	04/14/2015 11:38:42 AM	0.3562 V/m	0.3376 V/m	0.3040 V/m
345	04/14/2015 11:38:52 AM	0.3990 V/m	0.3592 V/m	0.3332 V/m
346	04/14/2015 11:39:02 AM	0.4138 V/m	0.3521 V/m	0.3094 V/m
347	04/14/2015 11:39:12 AM	0.3585 V/m	0.3396 V/m	0.3146 V/m
348	04/14/2015 11:39:22 AM	0.3469 V/m	0.3191 V/m	0.2787 V/m
349	04/14/2015 11:39:32 AM	0.3757 V/m	0.3306 V/m	0.2921 V/m
350	04/14/2015 11:39:42 AM	0.3554 V/m	0.3148 V/m	0.2475 V/m
351	04/14/2015 11:39:52 AM	0.3539 V/m	0.3154 V/m	0.2687 V/m
352	04/14/2015 11:40:02 AM	0.4131 V/m	0.3522 V/m	0.3103 V/m
353	04/14/2015 11:40:12 AM	0.3757 V/m	0.3391 V/m	0.2949 V/m
354	04/14/2015 11:40:22 AM	0.3631 V/m	0.3266 V/m	0.2864 V/m
355	04/14/2015 11:40:32 AM	0.3749 V/m	0.3308 V/m	0.2836 V/m
356	04/14/2015 11:40:42 AM	0.3955 V/m	0.3359 V/m	0.2508 V/m
357	04/14/2015 11:40:52 AM	0.3608 V/m	0.3261 V/m	0.2976 V/m
358	04/14/2015 11:41:02 AM	0.3822 V/m	0.3243 V/m	0.2747 V/m
359	04/14/2015 11:41:12 AM	0.4293 V/m	0.3532 V/m	0.2767 V/m
360	04/14/2015 11:41:22 AM	0.4425 V/m	0.3804 V/m	0.3076 V/m
361	04/14/2015 11:41:32 AM	0.4255 V/m	0.3373 V/m	0.2604 V/m
362	04/14/2015 11:41:42 AM	0.3990 V/m	0.3553 V/m	0.2707 V/m
363	04/14/2015 11:41:52 AM	0.4332 V/m	0.3670 V/m	0.3049 V/m
364	04/14/2015 11:42:02 AM	0.4111 V/m	0.3683 V/m	0.2737 V/m
365	04/14/2015 11:42:12 AM	0.3906 V/m	0.3488 V/m	0.3013 V/m
366	04/14/2015 11:42:22 AM	0.4191 V/m	0.3388 V/m	0.2737 V/m
367	04/14/2015 11:42:32 AM	0.3500 V/m	0.3157 V/m	0.2615 V/m
368	04/14/2015 11:42:42 AM	0.3962 V/m	0.3132 V/m	0.2206 V/m
369	04/14/2015 11:42:52 AM	0.3461 V/m	0.3127 V/m	0.2551 V/m
370	04/14/2015 11:43:02 AM	0.3899 V/m	0.3185 V/m	0.2540 V/m
371	04/14/2015 11:43:12 AM	0.3727 V/m	0.3085 V/m	0.2385 V/m
372	04/14/2015 11:43:22 AM	0.4236 V/m	0.3540 V/m	0.2737 V/m
373	04/14/2015 11:43:32 AM	0.4164 V/m	0.3499 V/m	0.2977 V/m
374	04/14/2015 11:43:42 AM	0.3996 V/m	0.3404 V/m	0.2635 V/m
375	04/14/2015 11:43:52 AM	0.3871 V/m	0.3230 V/m	0.2902 V/m
376	04/14/2015 11:44:02 AM	0.3785 V/m	0.3241 V/m	0.2707 V/m
377	04/14/2015 11:44:12 AM	0.3764 V/m	0.3118 V/m	0.2757 V/m
378	04/14/2015 11:44:22 AM	0.3836 V/m	0.3354 V/m	0.2687 V/m

379	04/14/2015 11:44:32 AM	0.3757 V/m	0.3291 V/m	0.2874 V/m
380	04/14/2015 11:44:42 AM	0.3990 V/m	0.3298 V/m	0.2797 V/m
381	04/14/2015 11:44:52 AM	0.4051 V/m	0.3295 V/m	0.2646 V/m
382	04/14/2015 11:45:02 AM	0.4131 V/m	0.3553 V/m	0.2787 V/m
383	04/14/2015 11:45:12 AM	0.3983 V/m	0.3179 V/m	0.2615 V/m
384	04/14/2015 11:45:22 AM	0.4375 V/m	0.3340 V/m	0.2419 V/m
385	04/14/2015 11:45:32 AM	0.3990 V/m	0.3494 V/m	0.2995 V/m
386	04/14/2015 11:45:42 AM	0.3962 V/m	0.3478 V/m	0.3067 V/m
387	04/14/2015 11:45:52 AM	0.3623 V/m	0.3232 V/m	0.2767 V/m
388	04/14/2015 11:46:02 AM	0.3990 V/m	0.3378 V/m	0.3031 V/m
389	04/14/2015 11:46:12 AM	0.3547 V/m	0.3217 V/m	0.2883 V/m
390	04/14/2015 11:46:22 AM	0.4017 V/m	0.3320 V/m	0.2835 V/m
391	04/14/2015 11:46:32 AM	0.3547 V/m	0.3156 V/m	0.2796 V/m
392	04/14/2015 11:46:42 AM	0.3836 V/m	0.3352 V/m	0.3004 V/m
393	04/14/2015 11:46:52 AM	0.3871 V/m	0.3449 V/m	0.3172 V/m
394	04/14/2015 11:47:02 AM	0.3698 V/m	0.3387 V/m	0.2949 V/m
395	04/14/2015 11:47:12 AM	0.4190 V/m	0.3602 V/m	0.3013 V/m
396	04/14/2015 11:47:22 AM	0.3570 V/m	0.3296 V/m	0.2921 V/m
397	04/14/2015 11:47:32 AM	0.3864 V/m	0.3327 V/m	0.2958 V/m
398	04/14/2015 11:47:42 AM	0.3814 V/m	0.3415 V/m	0.3138 V/m
399	04/14/2015 11:47:52 AM	0.3623 V/m	0.3356 V/m	0.3004 V/m
400	04/14/2015 11:48:02 AM	0.3683 V/m	0.3246 V/m	0.2864 V/m
401	04/14/2015 11:48:12 AM	0.3539 V/m	0.3261 V/m	0.2902 V/m
402	04/14/2015 11:48:22 AM	0.3461 V/m	0.3170 V/m	0.2767 V/m
403	04/14/2015 11:48:32 AM	0.3996 V/m	0.3312 V/m	0.2807 V/m
404	04/14/2015 11:48:42 AM	0.3821 V/m	0.3332 V/m	0.2864 V/m
405	04/14/2015 11:48:52 AM	0.3516 V/m	0.3115 V/m	0.2727 V/m
406	04/14/2015 11:49:02 AM	0.3676 V/m	0.3325 V/m	0.3031 V/m
407	04/14/2015 11:49:12 AM	0.3857 V/m	0.3392 V/m	0.3058 V/m
408	04/14/2015 11:49:22 AM	0.4064 V/m	0.3723 V/m	0.3257 V/m
409	04/14/2015 11:49:32 AM	0.3690 V/m	0.3277 V/m	0.2893 V/m
410	04/14/2015 11:49:42 AM	0.4171 V/m	0.3457 V/m	0.3120 V/m
411	04/14/2015 11:49:52 AM	0.3906 V/m	0.3419 V/m	0.2777 V/m
412	04/14/2015 11:50:02 AM	0.3920 V/m	0.3209 V/m	0.2562 V/m
413	04/14/2015 11:50:12 AM	0.3734 V/m	0.3304 V/m	0.1900 V/m
414	04/14/2015 11:50:22 AM	0.4369 V/m	0.3237 V/m	0.2475 V/m
415	04/14/2015 11:50:32 AM	0.3872 V/m	0.3243 V/m	0.2677 V/m
416	04/14/2015 11:50:42 AM	0.3829 V/m	0.3184 V/m	0.2707 V/m
417	04/14/2015 11:50:52 AM	0.3757 V/m	0.3361 V/m	0.2737 V/m
418	04/14/2015 11:51:02 AM	0.3705 V/m	0.3275 V/m	0.2562 V/m
419	04/14/2015 11:51:12 AM	0.3857 V/m	0.3364 V/m	0.2949 V/m
420	04/14/2015 11:51:22 AM	0.3705 V/m	0.3279 V/m	0.2855 V/m
421	04/14/2015 11:51:32 AM	0.4044 V/m	0.3422 V/m	0.2958 V/m
422	04/14/2015 11:51:42 AM	0.3886 V/m	0.3286 V/m	0.2508 V/m
423	04/14/2015 11:51:52 AM	0.3778 V/m	0.3386 V/m	0.2717 V/m
424	04/14/2015 11:52:02 AM	0.3821 V/m	0.3319 V/m	0.2747 V/m
425	04/14/2015 11:52:12 AM	0.3962 V/m	0.3430 V/m	0.2930 V/m
426	04/14/2015 11:52:22 AM	0.3720 V/m	0.3361 V/m	0.2854 V/m
427	04/14/2015 11:52:32 AM	0.3661 V/m	0.3387 V/m	0.3058 V/m
428	04/14/2015 11:52:42 AM	0.4017 V/m	0.3542 V/m	0.3274 V/m
429	04/14/2015 11:52:52 AM	0.4177 V/m	0.3399 V/m	0.2976 V/m
430	04/14/2015 11:53:02 AM	0.3500 V/m	0.3192 V/m	0.2767 V/m
431	04/14/2015 11:53:12 AM	0.3712 V/m	0.3291 V/m	0.2767 V/m
432	04/14/2015 11:53:22 AM	0.3927 V/m	0.3354 V/m	0.2635 V/m
433	04/14/2015 11:53:32 AM	0.4555 V/m	0.3435 V/m	0.2583 V/m

434	04/14/2015 11:53:42 AM	0.4306 V/m	0.3580 V/m	0.2912 V/m
435	04/14/2015 11:53:52 AM	0.4456 V/m	0.3674 V/m	0.3215 V/m
436	04/14/2015 11:54:02 AM	0.4124 V/m	0.3560 V/m	0.2977 V/m
437	04/14/2015 11:54:12 AM	0.4071 V/m	0.3744 V/m	0.3445 V/m
438	04/14/2015 11:54:22 AM	0.4124 V/m	0.3613 V/m	0.2958 V/m
439	04/14/2015 11:54:32 AM	0.4263 V/m	0.3521 V/m	0.2385 V/m
440	04/14/2015 11:54:42 AM	0.3727 V/m	0.3383 V/m	0.2940 V/m
441	04/14/2015 11:54:52 AM	0.3892 V/m	0.3413 V/m	0.2902 V/m
442	04/14/2015 11:55:02 AM	0.3608 V/m	0.3274 V/m	0.2874 V/m
443	04/14/2015 11:55:12 AM	0.3705 V/m	0.3312 V/m	0.2677 V/m
444	04/14/2015 11:55:22 AM	0.3720 V/m	0.3258 V/m	0.2717 V/m
445	04/14/2015 11:55:32 AM	0.4401 V/m	0.3436 V/m	0.2615 V/m
446	04/14/2015 11:55:42 AM	0.3864 V/m	0.3361 V/m	0.3022 V/m
447	04/14/2015 11:55:52 AM	0.4030 V/m	0.3460 V/m	0.3215 V/m
448	04/14/2015 11:56:02 AM	0.4151 V/m	0.3598 V/m	0.2615 V/m
449	04/14/2015 11:56:12 AM	0.3756 V/m	0.3333 V/m	0.2883 V/m
450	04/14/2015 11:56:22 AM	0.3778 V/m	0.3312 V/m	0.2676 V/m
451	04/14/2015 11:56:32 AM	0.3570 V/m	0.3354 V/m	0.2986 V/m
452	04/14/2015 11:56:42 AM	0.3554 V/m	0.3272 V/m	0.2911 V/m
453	04/14/2015 11:56:52 AM	0.3793 V/m	0.3225 V/m	0.2911 V/m
454	04/14/2015 11:57:02 AM	0.3484 V/m	0.3102 V/m	0.2508 V/m
455	04/14/2015 11:57:12 AM	0.3675 V/m	0.3252 V/m	0.2625 V/m
456	04/14/2015 11:57:22 AM	0.3705 V/m	0.3238 V/m	0.2902 V/m
457	04/14/2015 11:57:32 AM	0.3615 V/m	0.3158 V/m	0.2835 V/m
458	04/14/2015 11:57:42 AM	0.3668 V/m	0.3295 V/m	0.2892 V/m
459	04/14/2015 11:57:52 AM	0.4767 V/m	0.3340 V/m	0.1479 V/m
460	04/14/2015 11:58:02 AM	0.4935 V/m	0.3664 V/m	0.2385 V/m
461	04/14/2015 11:58:12 AM	12.55 V/m	2.170 V/m	0.0000 V/m
462	04/14/2015 11:58:22 AM	0.3713 V/m	0.3011 V/m	0.1460 V/m
463	04/14/2015 11:58:32 AM	0.3129 V/m	0.1730 V/m	0.0331 V/m
464	04/14/2015 11:58:42 AM	0.2327 V/m	0.1576 V/m	0.0843 V/m
465	04/14/2015 11:58:52 AM	0.2835 V/m	0.1650 V/m	0.1169 V/m
466	04/14/2015 11:59:02 AM	0.9994 V/m	0.3311 V/m	0.0964 V/m
467	04/14/2015 11:59:12 AM	0.7730 V/m	0.4152 V/m	0.0000 V/m
468	04/14/2015 11:59:22 AM	0.7592 V/m	0.3697 V/m	0.0331 V/m
469	04/14/2015 11:59:32 AM	0.7518 V/m	0.3588 V/m	0.1441 V/m
470	04/14/2015 11:59:42 AM	0.3843 V/m	0.3190 V/m	0.2508 V/m
471	04/14/2015 11:59:52 AM	0.3698 V/m	0.3129 V/m	0.2350 V/m
472	04/14/2015 12:00:02 PM	0.3539 V/m	0.3181 V/m	0.2893 V/m
473	04/14/2015 12:00:12 PM	0.3727 V/m	0.3040 V/m	0.2350 V/m
474	04/14/2015 12:00:22 PM	0.3920 V/m	0.3077 V/m	0.2279 V/m
475	04/14/2015 12:00:32 PM	0.3786 V/m	0.2859 V/m	0.1343 V/m
476	04/14/2015 12:00:42 PM	0.4249 V/m	0.3287 V/m	0.1871 V/m
477	04/14/2015 12:00:52 PM	0.4191 V/m	0.3338 V/m	0.2291 V/m
478	04/14/2015 12:01:02 PM	0.4131 V/m	0.3420 V/m	0.2697 V/m
479	04/14/2015 12:01:12 PM	0.4672 V/m	0.3512 V/m	0.2604 V/m
480	04/14/2015 12:01:22 PM	0.4151 V/m	0.3404 V/m	0.2826 V/m
481	04/14/2015 12:01:32 PM	0.4030 V/m	0.3259 V/m	0.2218 V/m
482	04/14/2015 12:01:42 PM	0.4559 V/m	0.3478 V/m	0.2039 V/m
483	04/14/2015 12:01:52 PM	0.4124 V/m	0.3395 V/m	0.2777 V/m
484	04/14/2015 12:02:02 PM	0.4051 V/m	0.3522 V/m	0.2864 V/m
485	04/14/2015 12:02:12 PM	0.3623 V/m	0.3152 V/m	0.2893 V/m
486	04/14/2015 12:02:22 PM	0.3785 V/m	0.3282 V/m	0.2816 V/m
487	04/14/2015 12:02:32 PM	0.4111 V/m	0.3290 V/m	0.2373 V/m
488	04/14/2015 12:02:42 PM	0.4058 V/m	0.3233 V/m	0.2130 V/m

489	04/14/2015 12:02:52 PM	0.4535 V/m	0.3290 V/m	0.2039 V/m
490	04/14/2015 12:03:02 PM	0.4319 V/m	0.3189 V/m	0.1551 V/m
491	04/14/2015 12:03:12 PM	0.3850 V/m	0.3287 V/m	0.2373 V/m
492	04/14/2015 12:03:22 PM	0.4450 V/m	0.3256 V/m	0.2453 V/m
493	04/14/2015 12:03:32 PM	0.4281 V/m	0.3489 V/m	0.2362 V/m
494	04/14/2015 12:03:42 PM	0.3638 V/m	0.3159 V/m	0.2497 V/m
495	04/14/2015 12:03:52 PM	0.3983 V/m	0.3351 V/m	0.2757 V/m
496	04/14/2015 12:04:02 PM	0.3913 V/m	0.3227 V/m	0.2572 V/m
497	04/14/2015 12:04:12 PM	0.3547 V/m	0.3244 V/m	0.2777 V/m
498	04/14/2015 12:04:22 PM	0.4064 V/m	0.3242 V/m	0.2486 V/m
499	04/14/2015 12:04:32 PM	0.3836 V/m	0.3056 V/m	0.2593 V/m
500	04/14/2015 12:04:42 PM	0.3934 V/m	0.3180 V/m	0.2676 V/m
501	04/14/2015 12:04:52 PM	0.4071 V/m	0.3146 V/m	0.2338 V/m
502	04/14/2015 12:05:02 PM	0.4010 V/m	0.3477 V/m	0.2615 V/m
503	04/14/2015 12:05:12 PM	0.4010 V/m	0.3473 V/m	0.2697 V/m
504	04/14/2015 12:05:22 PM	0.4030 V/m	0.3363 V/m	0.2519 V/m
505	04/14/2015 12:05:32 PM	0.3727 V/m	0.3144 V/m	0.2572 V/m
506	04/14/2015 12:05:42 PM	0.4024 V/m	0.3159 V/m	0.2453 V/m
507	04/14/2015 12:05:52 PM	0.4759 V/m	0.3336 V/m	0.2052 V/m
508	04/14/2015 12:06:02 PM	0.3857 V/m	0.3169 V/m	0.2206 V/m
509	04/14/2015 12:06:12 PM	0.4862 V/m	0.3156 V/m	0.1956 V/m
510	04/14/2015 12:06:22 PM	0.4369 V/m	0.3302 V/m	0.1750 V/m
511	04/14/2015 12:06:32 PM	0.4098 V/m	0.3314 V/m	0.2551 V/m
512	04/14/2015 12:06:42 PM	0.4091 V/m	0.3261 V/m	0.2625 V/m
513	04/14/2015 12:06:52 PM	0.3734 V/m	0.3133 V/m	0.2408 V/m
514	04/14/2015 12:07:02 PM	0.4003 V/m	0.3221 V/m	0.2315 V/m
515	04/14/2015 12:07:12 PM	0.4177 V/m	0.3207 V/m	0.2385 V/m
516	04/14/2015 12:07:22 PM	0.4158 V/m	0.2973 V/m	0.2362 V/m
517	04/14/2015 12:07:32 PM	0.3593 V/m	0.2824 V/m	0.2156 V/m
518	04/14/2015 12:07:42 PM	0.3453 V/m	0.2714 V/m	0.2156 V/m
519	04/14/2015 12:07:52 PM	0.3734 V/m	0.2987 V/m	0.2583 V/m
520	04/14/2015 12:08:02 PM	0.3577 V/m	0.2987 V/m	0.2572 V/m
521	04/14/2015 12:08:12 PM	0.3315 V/m	0.2844 V/m	0.2475 V/m
522	04/14/2015 12:08:22 PM	0.4306 V/m	0.3033 V/m	0.1702 V/m
523	04/14/2015 12:08:32 PM	0.3698 V/m	0.3155 V/m	0.2408 V/m
524	04/14/2015 12:08:42 PM	0.3934 V/m	0.3100 V/m	0.2373 V/m
525	04/14/2015 12:08:52 PM	0.3756 V/m	0.3025 V/m	0.2385 V/m
526	04/14/2015 12:09:02 PM	0.3807 V/m	0.2772 V/m	0.1998 V/m
527	04/14/2015 12:09:12 PM	0.4057 V/m	0.3174 V/m	0.2243 V/m
528	04/14/2015 12:09:22 PM	0.3381 V/m	0.2937 V/m	0.2279 V/m
529	04/14/2015 12:09:32 PM	0.3653 V/m	0.3023 V/m	0.2593 V/m
530	04/14/2015 12:09:42 PM	0.3843 V/m	0.3068 V/m	0.2279 V/m
531	04/14/2015 12:09:52 PM	0.4151 V/m	0.3122 V/m	0.2338 V/m
532	04/14/2015 12:10:02 PM	0.4177 V/m	0.3320 V/m	0.2727 V/m
533	04/14/2015 12:10:12 PM	0.4111 V/m	0.2802 V/m	0.1422 V/m
534	04/14/2015 12:10:22 PM	0.4713 V/m	0.3191 V/m	0.0935 V/m
535	04/14/2015 12:10:32 PM	0.3492 V/m	0.2855 V/m	0.2078 V/m
536	04/14/2015 12:10:42 PM	0.3492 V/m	0.2983 V/m	0.1569 V/m
537	04/14/2015 12:10:52 PM	0.4413 V/m	0.2980 V/m	0.2025 V/m
538	04/14/2015 12:11:02 PM	0.4164 V/m	0.3082 V/m	0.2315 V/m
539	04/14/2015 12:11:12 PM	0.3764 V/m	0.2925 V/m	0.2231 V/m
540	04/14/2015 12:11:22 PM	0.3437 V/m	0.3011 V/m	0.2475 V/m
541	04/14/2015 12:11:32 PM	0.4144 V/m	0.3180 V/m	0.1970 V/m
542	04/14/2015 12:11:42 PM	0.3683 V/m	0.2951 V/m	0.2396 V/m
543	04/14/2015 12:11:52 PM	0.3516 V/m	0.2908 V/m	0.2529 V/m

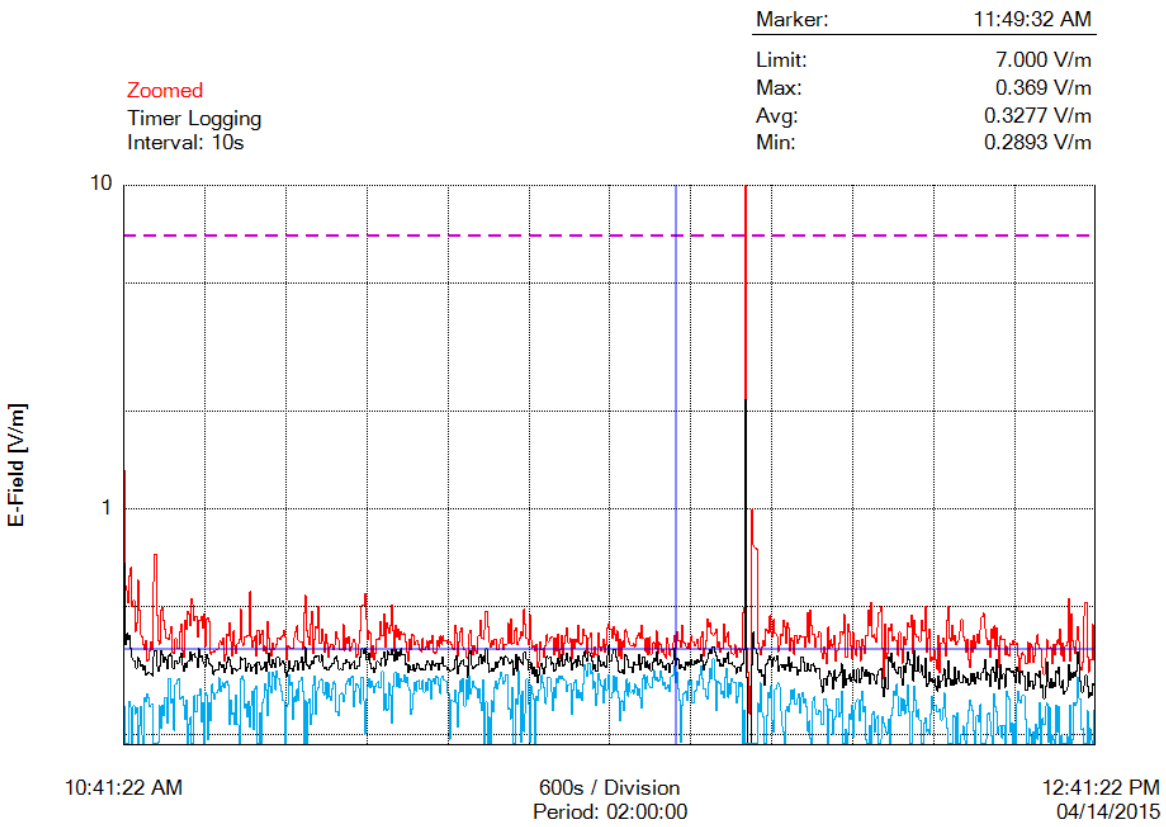
544	04/14/2015 12:12:02 PM	0.3920 V/m	0.3203 V/m	0.2583 V/m
545	04/14/2015 12:12:12 PM	0.3742 V/m	0.2904 V/m	0.2218 V/m
546	04/14/2015 12:12:22 PM	0.3397 V/m	0.2982 V/m	0.2551 V/m
547	04/14/2015 12:12:32 PM	0.3962 V/m	0.3242 V/m	0.2727 V/m
548	04/14/2015 12:12:42 PM	0.3785 V/m	0.3140 V/m	0.2350 V/m
549	04/14/2015 12:12:52 PM	0.3577 V/m	0.3039 V/m	0.2453 V/m
550	04/14/2015 12:13:02 PM	0.4057 V/m	0.3192 V/m	0.1942 V/m
551	04/14/2015 12:13:12 PM	0.4071 V/m	0.3033 V/m	0.1515 V/m
552	04/14/2015 12:13:22 PM	0.4879 V/m	0.3111 V/m	0.1097 V/m
553	04/14/2015 12:13:32 PM	0.4375 V/m	0.2879 V/m	0.2143 V/m
554	04/14/2015 12:13:42 PM	0.5142 V/m	0.3104 V/m	0.1586 V/m
555	04/14/2015 12:13:52 PM	0.4017 V/m	0.3094 V/m	0.2327 V/m
556	04/14/2015 12:14:02 PM	0.4078 V/m	0.3066 V/m	0.2362 V/m
557	04/14/2015 12:14:12 PM	0.3990 V/m	0.2938 V/m	0.2039 V/m
558	04/14/2015 12:14:22 PM	0.3864 V/m	0.2870 V/m	0.2255 V/m
559	04/14/2015 12:14:32 PM	0.4306 V/m	0.3071 V/m	0.2291 V/m
560	04/14/2015 12:14:42 PM	0.4788 V/m	0.3166 V/m	0.1781 V/m
561	04/14/2015 12:14:52 PM	0.4984 V/m	0.3220 V/m	0.1942 V/m
562	04/14/2015 12:15:02 PM	0.3712 V/m	0.2809 V/m	0.2279 V/m
563	04/14/2015 12:15:12 PM	0.2995 V/m	0.2624 V/m	0.2181 V/m
564	04/14/2015 12:15:22 PM	0.4394 V/m	0.3018 V/m	0.2118 V/m
565	04/14/2015 12:15:32 PM	0.3461 V/m	0.2792 V/m	0.2052 V/m
566	04/14/2015 12:15:42 PM	0.3562 V/m	0.2765 V/m	0.2025 V/m
567	04/14/2015 12:15:52 PM	0.4274 V/m	0.3468 V/m	0.2243 V/m
568	04/14/2015 12:16:02 PM	0.4223 V/m	0.3372 V/m	0.1603 V/m
569	04/14/2015 12:16:12 PM	0.4394 V/m	0.3575 V/m	0.2291 V/m
570	04/14/2015 12:16:22 PM	0.3899 V/m	0.3232 V/m	0.2430 V/m
571	04/14/2015 12:16:32 PM	0.4037 V/m	0.3348 V/m	0.2737 V/m
572	04/14/2015 12:16:42 PM	0.3927 V/m	0.3181 V/m	0.2656 V/m
573	04/14/2015 12:16:52 PM	0.3927 V/m	0.3118 V/m	0.2874 V/m
574	04/14/2015 12:17:02 PM	0.3523 V/m	0.3092 V/m	0.2635 V/m
575	04/14/2015 12:17:12 PM	0.4157 V/m	0.3251 V/m	0.2291 V/m
576	04/14/2015 12:17:22 PM	0.3675 V/m	0.3007 V/m	0.2604 V/m
577	04/14/2015 12:17:32 PM	0.3340 V/m	0.2843 V/m	0.2373 V/m
578	04/14/2015 12:17:42 PM	0.4030 V/m	0.3267 V/m	0.2572 V/m
579	04/14/2015 12:17:52 PM	0.3793 V/m	0.3119 V/m	0.2327 V/m
580	04/14/2015 12:18:02 PM	0.3955 V/m	0.3323 V/m	0.2464 V/m
581	04/14/2015 12:18:12 PM	0.4431 V/m	0.3597 V/m	0.2845 V/m
582	04/14/2015 12:18:22 PM	0.4313 V/m	0.3409 V/m	0.2350 V/m
583	04/14/2015 12:18:32 PM	0.4338 V/m	0.3309 V/m	0.1302 V/m
584	04/14/2015 12:18:42 PM	0.4690 V/m	0.3304 V/m	0.1750 V/m
585	04/14/2015 12:18:52 PM	0.3562 V/m	0.2943 V/m	0.2362 V/m
586	04/14/2015 12:19:02 PM	0.4523 V/m	0.3652 V/m	0.2826 V/m
587	04/14/2015 12:19:12 PM	0.4078 V/m	0.3156 V/m	0.2551 V/m
588	04/14/2015 12:19:22 PM	0.4003 V/m	0.3164 V/m	0.2267 V/m
589	04/14/2015 12:19:32 PM	0.4003 V/m	0.3502 V/m	0.2396 V/m
590	04/14/2015 12:19:42 PM	0.3885 V/m	0.3131 V/m	0.2218 V/m
591	04/14/2015 12:19:52 PM	0.4535 V/m	0.3285 V/m	0.1718 V/m
592	04/14/2015 12:20:02 PM	0.4190 V/m	0.3058 V/m	0.1811 V/m
593	04/14/2015 12:20:12 PM	0.4197 V/m	0.3018 V/m	0.2169 V/m
594	04/14/2015 12:20:22 PM	0.5006 V/m	0.3445 V/m	0.2255 V/m
595	04/14/2015 12:20:32 PM	0.3593 V/m	0.2819 V/m	0.2052 V/m
596	04/14/2015 12:20:42 PM	0.3996 V/m	0.2886 V/m	0.2078 V/m
597	04/14/2015 12:20:52 PM	0.4229 V/m	0.3110 V/m	0.2025 V/m
598	04/14/2015 12:21:02 PM	0.3373 V/m	0.2924 V/m	0.2315 V/m

599	04/14/2015 12:21:12 PM	0.3469 V/m	0.2992 V/m	0.2625 V/m
600	04/14/2015 12:21:22 PM	0.3421 V/m	0.2897 V/m	0.2396 V/m
601	04/14/2015 12:21:32 PM	0.3653 V/m	0.2973 V/m	0.2464 V/m
602	04/14/2015 12:21:42 PM	0.3413 V/m	0.2831 V/m	0.2464 V/m
603	04/14/2015 12:21:52 PM	0.3189 V/m	0.2739 V/m	0.2350 V/m
604	04/14/2015 12:22:02 PM	0.4058 V/m	0.3047 V/m	0.2362 V/m
605	04/14/2015 12:22:12 PM	0.3111 V/m	0.2799 V/m	0.2408 V/m
606	04/14/2015 12:22:22 PM	0.3857 V/m	0.2936 V/m	0.2218 V/m
607	04/14/2015 12:22:32 PM	0.3990 V/m	0.3064 V/m	0.2419 V/m
608	04/14/2015 12:22:42 PM	0.3850 V/m	0.3201 V/m	0.2697 V/m
609	04/14/2015 12:22:52 PM	0.3516 V/m	0.2833 V/m	0.2267 V/m
610	04/14/2015 12:23:02 PM	0.4529 V/m	0.2990 V/m	0.2105 V/m
611	04/14/2015 12:23:12 PM	0.4990 V/m	0.3378 V/m	0.1019 V/m
612	04/14/2015 12:23:22 PM	0.3984 V/m	0.2975 V/m	0.1765 V/m
613	04/14/2015 12:23:32 PM	0.3907 V/m	0.2841 V/m	0.0906 V/m
614	04/14/2015 12:23:42 PM	0.4369 V/m	0.2965 V/m	0.1551 V/m
615	04/14/2015 12:23:52 PM	0.3927 V/m	0.2858 V/m	0.2291 V/m
616	04/14/2015 12:24:02 PM	0.4051 V/m	0.3236 V/m	0.2267 V/m
617	04/14/2015 12:24:12 PM	0.3807 V/m	0.2881 V/m	0.1019 V/m
618	04/14/2015 12:24:22 PM	0.3885 V/m	0.2998 V/m	0.2338 V/m
619	04/14/2015 12:24:32 PM	0.3934 V/m	0.3156 V/m	0.0843 V/m
620	04/14/2015 12:24:42 PM	0.4191 V/m	0.2913 V/m	0.0701 V/m
621	04/14/2015 12:24:52 PM	0.4548 V/m	0.2898 V/m	0.2012 V/m
622	04/14/2015 12:25:02 PM	0.4024 V/m	0.3058 V/m	0.2130 V/m
623	04/14/2015 12:25:12 PM	0.3914 V/m	0.3021 V/m	0.1928 V/m
624	04/14/2015 12:25:22 PM	0.3608 V/m	0.2901 V/m	0.1169 V/m
625	04/14/2015 12:25:32 PM	0.3948 V/m	0.2998 V/m	0.2168 V/m
626	04/14/2015 12:25:42 PM	0.3429 V/m	0.2855 V/m	0.2373 V/m
627	04/14/2015 12:25:52 PM	0.3232 V/m	0.2880 V/m	0.2562 V/m
628	04/14/2015 12:26:02 PM	0.3899 V/m	0.3108 V/m	0.2475 V/m
629	04/14/2015 12:26:12 PM	0.3615 V/m	0.2919 V/m	0.2373 V/m
630	04/14/2015 12:26:22 PM	0.4071 V/m	0.3095 V/m	0.2065 V/m
631	04/14/2015 12:26:32 PM	0.3698 V/m	0.2873 V/m	0.1497 V/m
632	04/14/2015 12:26:42 PM	0.3885 V/m	0.3011 V/m	0.2291 V/m
633	04/14/2015 12:26:52 PM	0.4098 V/m	0.3128 V/m	0.2291 V/m
634	04/14/2015 12:27:02 PM	0.3829 V/m	0.2982 V/m	0.2194 V/m
635	04/14/2015 12:27:12 PM	0.4236 V/m	0.2966 V/m	0.2486 V/m
636	04/14/2015 12:27:22 PM	0.4637 V/m	0.3115 V/m	0.0000 V/m
637	04/14/2015 12:27:32 PM	0.4753 V/m	0.3197 V/m	0.1734 V/m
638	04/14/2015 12:27:42 PM	0.4274 V/m	0.3422 V/m	0.1734 V/m
639	04/14/2015 12:27:52 PM	0.3990 V/m	0.2959 V/m	0.1942 V/m
640	04/14/2015 12:28:02 PM	0.3807 V/m	0.3112 V/m	0.2315 V/m
641	04/14/2015 12:28:12 PM	0.3913 V/m	0.3078 V/m	0.2338 V/m
642	04/14/2015 12:28:22 PM	0.3469 V/m	0.2818 V/m	0.2206 V/m
643	04/14/2015 12:28:32 PM	0.4255 V/m	0.3172 V/m	0.1984 V/m
644	04/14/2015 12:28:42 PM	0.3976 V/m	0.3241 V/m	0.1885 V/m
645	04/14/2015 12:28:52 PM	0.4344 V/m	0.3130 V/m	0.2677 V/m
646	04/14/2015 12:29:02 PM	0.3690 V/m	0.2924 V/m	0.2441 V/m
647	04/14/2015 12:29:12 PM	0.4287 V/m	0.3414 V/m	0.2362 V/m
648	04/14/2015 12:29:22 PM	0.3778 V/m	0.2996 V/m	0.2025 V/m
649	04/14/2015 12:29:32 PM	0.3240 V/m	0.2770 V/m	0.2130 V/m
650	04/14/2015 12:29:42 PM	0.4044 V/m	0.3296 V/m	0.2143 V/m
651	04/14/2015 12:29:52 PM	0.3935 V/m	0.2978 V/m	0.1956 V/m
652	04/14/2015 12:30:02 PM	0.3962 V/m	0.3081 V/m	0.2143 V/m
653	04/14/2015 12:30:12 PM	0.3547 V/m	0.2814 V/m	0.1856 V/m

654	04/14/2015 12:30:22 PM	0.3764 V/m	0.3222 V/m	0.2737 V/m
655	04/14/2015 12:30:32 PM	0.3539 V/m	0.3167 V/m	0.2635 V/m
656	04/14/2015 12:30:42 PM	0.3523 V/m	0.3215 V/m	0.2583 V/m
657	04/14/2015 12:30:52 PM	0.3829 V/m	0.3151 V/m	0.2039 V/m
658	04/14/2015 12:31:02 PM	0.3814 V/m	0.3121 V/m	0.2181 V/m
659	04/14/2015 12:31:12 PM	0.3906 V/m	0.3139 V/m	0.0468 V/m
660	04/14/2015 12:31:22 PM	0.3814 V/m	0.3029 V/m	0.2169 V/m
661	04/14/2015 12:31:32 PM	0.3822 V/m	0.2912 V/m	0.1718 V/m
662	04/14/2015 12:31:42 PM	0.3850 V/m	0.3250 V/m	0.2508 V/m
663	04/14/2015 12:31:52 PM	0.3516 V/m	0.3158 V/m	0.2737 V/m
664	04/14/2015 12:32:02 PM	0.3155 V/m	0.2887 V/m	0.2551 V/m
665	04/14/2015 12:32:12 PM	0.3453 V/m	0.3134 V/m	0.2508 V/m
666	04/14/2015 12:32:22 PM	0.3600 V/m	0.3152 V/m	0.2646 V/m
667	04/14/2015 12:32:32 PM	0.3539 V/m	0.3053 V/m	0.2646 V/m
668	04/14/2015 12:32:42 PM	0.3340 V/m	0.2758 V/m	0.2243 V/m
669	04/14/2015 12:32:52 PM	0.3324 V/m	0.2755 V/m	0.1460 V/m
670	04/14/2015 12:33:02 PM	0.3871 V/m	0.3118 V/m	0.1856 V/m
671	04/14/2015 12:33:12 PM	0.3365 V/m	0.2827 V/m	0.2092 V/m
672	04/14/2015 12:33:22 PM	0.3829 V/m	0.2928 V/m	0.1984 V/m
673	04/14/2015 12:33:32 PM	0.3749 V/m	0.2922 V/m	0.1702 V/m
674	04/14/2015 12:33:42 PM	0.3357 V/m	0.2779 V/m	0.2052 V/m
675	04/14/2015 12:33:52 PM	0.3516 V/m	0.2843 V/m	0.1653 V/m
676	04/14/2015 12:34:02 PM	0.3843 V/m	0.3098 V/m	0.2156 V/m
677	04/14/2015 12:34:12 PM	0.4078 V/m	0.3061 V/m	0.1942 V/m
678	04/14/2015 12:34:22 PM	0.3807 V/m	0.3020 V/m	0.2105 V/m
679	04/14/2015 12:34:32 PM	0.3698 V/m	0.3150 V/m	0.2519 V/m
680	04/14/2015 12:34:42 PM	0.3690 V/m	0.2795 V/m	0.1871 V/m
681	04/14/2015 12:34:52 PM	0.3232 V/m	0.2858 V/m	0.2255 V/m
682	04/14/2015 12:35:02 PM	0.3076 V/m	0.2595 V/m	0.2156 V/m
683	04/14/2015 12:35:12 PM	0.3461 V/m	0.2818 V/m	0.2453 V/m
684	04/14/2015 12:35:22 PM	0.3934 V/m	0.3357 V/m	0.2508 V/m
685	04/14/2015 12:35:32 PM	0.3720 V/m	0.2921 V/m	0.1900 V/m
686	04/14/2015 12:35:42 PM	0.3691 V/m	0.2796 V/m	0.2441 V/m
687	04/14/2015 12:35:52 PM	0.3727 V/m	0.2980 V/m	0.1885 V/m
688	04/14/2015 12:36:02 PM	0.3332 V/m	0.2799 V/m	0.1998 V/m
689	04/14/2015 12:36:12 PM	0.3807 V/m	0.2896 V/m	0.1928 V/m
690	04/14/2015 12:36:22 PM	0.3539 V/m	0.2836 V/m	0.1871 V/m
691	04/14/2015 12:36:32 PM	0.3800 V/m	0.3146 V/m	0.2464 V/m
692	04/14/2015 12:36:42 PM	0.3934 V/m	0.3107 V/m	0.2039 V/m
693	04/14/2015 12:36:52 PM	0.3822 V/m	0.3242 V/m	0.2453 V/m
694	04/14/2015 12:37:02 PM	0.4262 V/m	0.2839 V/m	0.1323 V/m
695	04/14/2015 12:37:12 PM	0.3524 V/m	0.2800 V/m	0.1998 V/m
696	04/14/2015 12:37:22 PM	0.3843 V/m	0.2946 V/m	0.1497 V/m
697	04/14/2015 12:37:32 PM	0.3389 V/m	0.2672 V/m	0.1586 V/m
698	04/14/2015 12:37:42 PM	0.3771 V/m	0.2735 V/m	0.1670 V/m
699	04/14/2015 12:37:52 PM	0.3878 V/m	0.2813 V/m	0.1984 V/m
700	04/14/2015 12:38:02 PM	0.5267 V/m	0.3293 V/m	0.1515 V/m
701	04/14/2015 12:38:12 PM	0.3389 V/m	0.2946 V/m	0.2475 V/m
702	04/14/2015 12:38:22 PM	0.4725 V/m	0.3109 V/m	0.1670 V/m
703	04/14/2015 12:38:32 PM	0.3927 V/m	0.3014 V/m	0.1942 V/m
704	04/14/2015 12:38:42 PM	0.3727 V/m	0.3125 V/m	0.2519 V/m
705	04/14/2015 12:38:52 PM	0.3570 V/m	0.3029 V/m	0.2475 V/m
706	04/14/2015 12:39:02 PM	0.3934 V/m	0.3150 V/m	0.2519 V/m
707	04/14/2015 12:39:12 PM	0.4319 V/m	0.3624 V/m	0.3004 V/m
708	04/14/2015 12:39:22 PM	0.3892 V/m	0.3307 V/m	0.2593 V/m

709	04/14/2015 12:39:32 PM	0.3232 V/m	0.2937 V/m	0.2583 V/m
710	04/14/2015 12:39:42 PM	0.3181 V/m	0.2709 V/m	0.2078 V/m
711	04/14/2015 12:39:52 PM	0.3357 V/m	0.2719 V/m	0.2092 V/m
712	04/14/2015 12:40:02 PM	0.4673 V/m	0.2850 V/m	0.1479 V/m
713	04/14/2015 12:40:12 PM	0.5146 V/m	0.3058 V/m	0.1497 V/m
714	04/14/2015 12:40:22 PM	0.3492 V/m	0.2826 V/m	0.2373 V/m
715	04/14/2015 12:40:32 PM	0.3129 V/m	0.2618 V/m	0.1702 V/m
716	04/14/2015 12:40:42 PM	0.3413 V/m	0.2712 V/m	0.2092 V/m
717	04/14/2015 12:40:52 PM	0.3413 V/m	0.2650 V/m	0.1928 V/m
718	04/14/2015 12:41:02 PM	0.4388 V/m	0.2883 V/m	0.1781 V/m
719	04/14/2015 12:41:12 PM	0.3429 V/m	0.2862 V/m	0.2373 V/m
720	04/14/2015 12:41:22 PM	0.4210 V/m	0.3282 V/m	0.2303 V/m

Graph


Marker: 11:49:32 AM
Limit: 7.000 V/m
Max: 0.369 V/m
Avg: 0.3277 V/m
Min: 0.2893 V/m
Zoomed
Timer Logging
Interval: 10s
10
1
E-Field [V/m]
10:41:22 AM
600s / Division
Period: 02:00:00
12:41:22 PM
04/14/2015

Parameters

Number of Sub Indices	720
Storing Date	04/14/2015
Storing Time	10:41:22 AM
Dataset Type	TIM
Voice Comment Available	NO
Dataset Fine Type	T1
GPS Flag	DIFF
Device Product Name	NBM-550
Device Serial Number	B-0777
Device Cal Due Date	08/06/2011
Probe Product Name	EF0391
Probe Serial Number	A-0882
Probe Cal Due Date	08/03/2011
Probe Field Type	E
Probe Connection Type	A
Probe Lower Frequency Limit A	100 kHz
Probe Upper Frequency Limit A	3 GHz
Probe Lower Frequency Limit B	100 kHz
Probe Upper Frequency Limit B	3 GHz
Probe Emin A	185.0 mV/m
Probe Emax A	300.0 V/m
Probe Emin B	185.0 mV/m
Probe Emax B	300.0 V/m
Shaped Probe	NO
Standard ID	1
Standard Name	FCC 1997 Occupational
Apply Standard	OFF
Frequency	100 kHz
Apply Correction Frequency	OFF
Eref_E(f)	614.0 V/m
Eref_H(f)	614.5 V/m
Combi Probe Use	E_H
Unit	V/m
Results Format	FIXED
Auto-Zero Interval	OFF
Result Type	-
Averaging Time	-
Average Progress	-
Spatial AVG Mode	-
Store Condition	-
Storing Range	-
Cond. Stop Time	-
Upper Threshold	-
Lower Threshold	-
Timer Interval	10 sec
Timer Duration	02:00:00
History Time Scale	-
Time progress of current segment	-

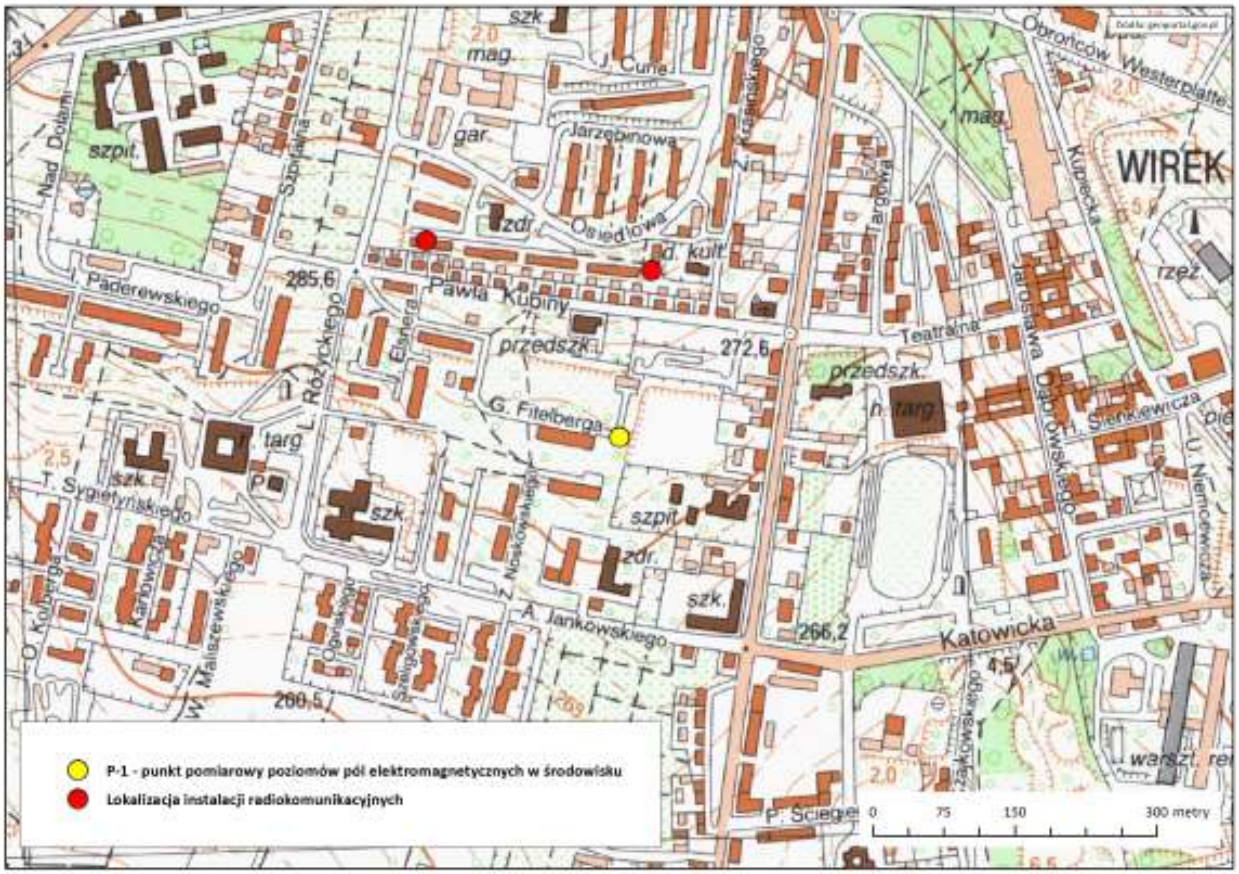
FOTOGRAFIE REJONU BADAŃ:

Fot. 1. Rejon badań, widok w kierunku północnym-wschodnim

Fot. 2. Rejon badań, widok w kierunku południowym

Fot. 3. Rejon badań, widok w kierunku zachodnim

Fot. 4. Rejon badań, widok w kierunku wschodnim



Ryc. Szkic sytuacyjny rejonu badań w miejscowości Ruda Śląska.