Wojewódzki Inspektorat Ochrony Środowiska w Katowicach
Pracownia Analiz Manualnych, Instrumentalnych, Hydrobiologicznych
oraz Pomiarów Terenowych i Pobierania Próbek

Adres:
Delegatura WIOŚ w Częstochowie
ul. Rząsawska 24/28
42-200 Częstochowa

tel.: (34) 369-41-20
fax.: (34) 360-42-80
e-mail: czestochowa@katowice.pios.gov.pl

AB 480

SPRAWOZDANIE Z BADAŃ NR 1751/2015

Nr sprawy: LC.7071.51.2015
Porozumienie Nr: 1/2012

Klient: **Wydział Monitoringu Środowiska WIOŚ w Katowicach**

**Pomiary monitoringowe poziomów pól elektromagnetycznych
w przedziale częstotliwości
100 kHz – 3 GHz
(składowej *elektrycznej* E)
w środowisku,
wykonane dnia 20 sierpnia 2015 r.
na terenie zabudowy mieszkaniowej jednorodzinnej
w BĘDZINIE
- dzielnica Małobądz,
Powiat - będziński,
województwo śląskie.**

Wyniki badań dotyczą tylko badanego obiektu.

Sprawozdanie z badań nie może być powielone inaczej niż w całości bez pisemnej zgody Kierownika Laboratorium.

Laboratorium jest akredytowane przez Polskie Centrum Akredytacji i posiada certyfikat nr AB 480.

Wykonujący badania:

1. Agnieszka Turek – Specjalista	**2. Wojciech Klama – Specjalista**

Osoba autoryzująca sprawozdanie: **Tomasz Danecki – Główny specjalista**
Pieczęć i podpis

Zatwierdził:
Pieczęć i podpis

Częstochowa, 23.12.2015

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) oraz Porozumienie nr 1/2012 Wydziału Monitoringu Środowiska WIOŚ w Katowicach z Laboratorium WIOŚ w Katowicach /Pracownią Analiz w Częstochowie, 42-200 Częstochowa, ul. Rząsawska 24/28, w przedmiocie realizacji ww. badań.

2. CEL BADAŃ

Celem badań jest określenie poziomów pól elektromagnetycznych w przedziale częstotliwości 100 kHz – 3 GHz (składowej *elektrycznej* E) w środowisku, w miejscach dostępnych dla ludności, na terenie obszaru zabudowy mieszkaniowej jednorodzinnej, położonej w Dzielnicy Małobądz, w Będzinie, w rozumieniu wytycznych Rozporządzenia Ministra Środowiska z dnia 12 listopada 2007 r. (Dz. U. Nr 221, Poz. 1645), w ramach programu Państwowego Monitoringu Środowiska, 2015 r.

3. TEREN BADAŃ

Punkt pomiarowy P-2 poziomów pól elektromagnetycznych w środowisku zlokalizowano w granicach administracyjnych miasta Będzin, na terenie Dzielnicy Małobądz, na wysokości h: 2 m n.p.t. W sąsiedztwie punktu pomiarowego zagospodarowanie terenu stanowi od południowego wschodu, zabudowa mieszkaniowa jednorodzinna dwukondygnacyjna, przy ul. Juliana Ursyna Niemcewicza, natomiast w kierunku północnym i północno-zachodnim od P-2 występują tereny niezagospodarowane oraz zabudowa techniczna MPWiK. W promieniu d ≤ 300 m od punktu pomiarowego nie znajdują się żadne instalacje radiokomunikacyjne, radiolokacyjne oraz radionawigacyjne, emitujące pola elektromagnetyczne do środowiska. W dalszej odległości (około 350 m) w kierunku północno zachodnim zlokalizowany jest maszt radiokomunikacyjny PTK Centertel.

Klasyfikacja rodzaju terenu wg wytycznych przedmiotowego Rozporządzenia:

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

Nomenklatura jednostki terytorialnej (NTS):

Będzin 5.2.24.50.01.01.1

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

N 50°18'26.6"
E 19°07'37.9";

Wysokość lokalizacji punktu pomiarowego:

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

Odległości punktu pomiarowego od elewacji najbliższych obiektów mieszkalnych - jednorodzinnych, zlokalizowanych wzdłuż realizowanego przekroju pomiarowego poziomów pól w środowisku:

l = 30 [m] - od elewacji najbliższego budynku mieszkalnego jednorodzinnego przy ul. Juliana Ursyna Niemcewicza

Lokalizacja punktu pomiarowego – na pasie zieleni, pomiędzy drogą gruntową – przedłużeniem, pod kątem prostym, ul. Juliana Ursyna Niemcewicza, a ogrodzeniem terenu posesji prywatnej, w sąsiedztwie obiektu ujęcia wody MPWiK w Będzinie, na wysokości I linii zabudowy mieszkaniowej jednorodzinnej.

4. METODYKA BADAŃ

Rozporządzenie Ministra Środowiska z dnia 12 listopada 2007 r. *w sprawie zakresu i sposobu prowadzenia okresowych badań poziomów pól elektromagnetycznych w środowisku* (Dz. U. Nr 221, Poz. 1645).

5. WYPOSAŻENIE POMIAROWE

Pomiarów poziomów pól elektromagnetycznych częstotliwości 100 kHz - 3 GHz (składowej *elektrycznej*) w środowisku dokonano przy użyciu szerokopasmowego miernika natężenia pola elektromagnetycznego Narda Broadband Field Meter NBM-550, prod. Narda Safety Test Solutions GmbH, Niemcy;

Pomiarów warunków meteorologicznych dokonano przy pomocy automatycznej stacji meteorologicznej MAWS – 201C, Vaisala, Finlandia;

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-0507
Producent: Narda Safety Test Solutions GmbH, Niemcy;

Typ: EF0391, E-Field
P/N: 2402/01
S/N: A-0636
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: MAWS – 201C
S. no.: G131055
Producent: Vaisala, Finlandia</td></tr>
<tr><td rowspan="2">Data i czasokres</td><td rowspan="2">20-08-2015 r.</td><td colspan="2">Wyniki pomiarów:</td></tr>
<tr><td>T [°C]</td><td>26,4 – 28,6</td></tr>
</table>

pomiarów	10:10:26–12:10:16	RH [%]	41,1 – 42,3
Częstotliwość próbkowania	f: 10 sec.	UWAGI: Pogodnie; Brak opadów atmosferycznych	

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-0507:

- *Calibration Certificate No. NBM-550-B-0507-150610-1068*,
Narda STS GmbH, D-72793 Pfullingen, Germany, 2015-06-10;

▪ Probe EF0391, *E-Field*, P/N 2402/01, S/N A-0636:

- *Calibration Certificate No. 240201-A0636-201506-00571*,
Narda STS GmbH, D-72793 Pfullingen, Germany, 2015-06-15;

▪ Automatyczna stacja meteorologiczna MAWS – 201C, Vaisala, Finlandia, s. no. G131055:

Świadectwa wzorcowania nr:
- 0537/AH/14 z dnia 08 kwietnia 2014 r. termohigrometr
- 0194/AC/14 z dnia 07 kwietnia 2014 r. barometr

wydane przez Laboratorium Pomiarowe „MUTECH" Tadeusz Mucha i Wspólnicy Sp. J. w Łowiczu (AP 106);
- 175/A/14 z dnia 11 kwietnia 2014 r. anemometr stacji meteo

wydane przez Laboratorium Wzorcujące Wentylacyjne Przyrządy Pomiarowe, Instytut Mechaniki Górotworu PAN w Krakowie (AP 118).

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*)

Nie dotyczy. W promieniu d ≤ 300 m od P-1, nie są zlokalizowane żadne instalacje radiokomunikacyjne, radiolokacyjne, radionawigacyjne, emitujące pola elektromagnetyczne do środowiska.

7. WYNIKI BADAŃ

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

Tabela 2

Lp.	Punkt pomiarowy poziomów pól elektromagnetycznych w środowisku	Natężenie pola elektrycznego E **) [V/m]	Niepewność pomiaru $U_{E\ 0,95}$ [V/m]
1.	P-2 ul. Juliana Ursyna Niemcewicza Dzielnica – Małobądz, Miasto - Będzin	0,29 ***)	± 0,073

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.

E = 0,29 [V/m]***) - wynik pomiaru poniżej dolnego przedziału zakresu akredytacji laboratorium w odniesieniu przedmiotowej metody badawczej.

8. ZAŁĄCZNIKI

1. *Raport pomiarowy*

   - w postaci elektronicznej, zarchiwizowany w siedzibie Laboratorium WIOŚ;

2. *Fotografie rejonu badań, szt. 4.*
3. *Szkic sytuacyjny rejonu badań.*

KONIEC SPRAWOZDANIA

narda
Safety Test Solutions
an Communications Company

Instrument / Site

Meter	Probe	
Model: NBM-550 S/N: B-0507	Model: EF0391 S/N: A-0636	
Calibration Due Date 06.10.2017	Calibration Due Date 06.15.2017	

Site	Coordinates
P-2, ul. J.U. Niemcewicza, Dzielnica – Małobądz, Miasto – Będzin, Powiat - będziński, województwo śląskie	Latitude: 50°18'26.6" N Longitude: 19°7'37.9" E

Comment
Pomiary poziomów pól elektromagnetycznych 100 kHz - 3 GHz (składowej elektrycznej E) w środowisku; 20.08.2015 r., Będzin, woj. śląskie; Ryc. Wykres zależności zmian natężenia składowej elektrycznej pola w funkcji czasu, marker - wartość średnia max elementarna interwału dT: 10 sec, w przedziale czasokresu obserwacji T: 2.00 h, w środowisku, Program Państwowego Monitoringu Środowiska 2015 rok.

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Measured Values

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

Index	Date/Time	Zero	Max (E-Field)	Avg (E-Field)	Min (E-Field)
1	08/20/2015 10:10:26 AM		0.5473 V/m	0.2773 V/m	0.2424 V/m
2	08/20/2015 10:10:36 AM		0.2879 V/m	0.2666 V/m	0.2308 V/m
3	08/20/2015 10:10:46 AM		0.2908 V/m	0.2630 V/m	0.2355 V/m
4	08/20/2015 10:10:56 AM		0.3010 V/m	0.2687 V/m	0.2412 V/m
5	08/20/2015 10:11:06 AM		0.3073 V/m	0.2823 V/m	0.2545 V/m
6	08/20/2015 10:11:16 AM		0.3363 V/m	0.2726 V/m	0.2366 V/m
7	08/20/2015 10:11:26 AM		0.3289 V/m	0.2889 V/m	0.2577 V/m
8	08/20/2015 10:11:36 AM		0.3073 V/m	0.2814 V/m	0.2545 V/m
9	08/20/2015 10:11:46 AM		0.2991 V/m	0.2758 V/m	0.2502 V/m
10	08/20/2015 10:11:56 AM		0.3064 V/m	0.2810 V/m	0.2412 V/m
11	08/20/2015 10:12:06 AM		0.3152 V/m	0.2816 V/m	0.2491 V/m
12	08/20/2015 10:12:16 AM		0.2954 V/m	0.2789 V/m	0.2513 V/m
13	08/20/2015 10:12:26 AM		0.3460 V/m	0.3072 V/m	0.2671 V/m
14	08/20/2015 10:12:36 AM		0.3001 V/m	0.2731 V/m	0.2468 V/m
15	08/20/2015 10:12:46 AM		0.3314 V/m	0.2764 V/m	0.2424 V/m
16	08/20/2015 10:12:56 AM		0.3297 V/m	0.2894 V/m	0.2468 V/m
17	08/20/2015 10:13:06 AM		0.3387 V/m	0.2901 V/m	0.2502 V/m
18	08/20/2015 10:13:16 AM		0.3412 V/m	0.2953 V/m	0.2435 V/m
19	08/20/2015 10:13:26 AM		0.3247 V/m	0.2849 V/m	0.2401 V/m
20	08/20/2015 10:13:36 AM		0.3064 V/m	0.2835 V/m	0.2620 V/m
21	08/20/2015 10:13:46 AM		0.3091 V/m	0.2819 V/m	0.2620 V/m
22	08/20/2015 10:13:56 AM		0.3046 V/m	0.2835 V/m	0.2609 V/m
23	08/20/2015 10:14:06 AM		0.3046 V/m	0.2760 V/m	0.2469 V/m
24	08/20/2015 10:14:16 AM		0.3135 V/m	0.2842 V/m	0.2620 V/m
25	08/20/2015 10:14:26 AM		0.3117 V/m	0.2892 V/m	0.2620 V/m
26	08/20/2015 10:14:36 AM		0.3055 V/m	0.2842 V/m	0.2609 V/m
27	08/20/2015 10:14:46 AM		0.3247 V/m	0.2940 V/m	0.2722 V/m
28	08/20/2015 10:14:56 AM		0.3196 V/m	0.2873 V/m	0.2534 V/m
29	08/20/2015 10:15:06 AM		0.3100 V/m	0.2814 V/m	0.2523 V/m
30	08/20/2015 10:15:16 AM		0.3082 V/m	0.2778 V/m	0.2513 V/m
31	08/20/2015 10:15:26 AM		0.3100 V/m	0.2903 V/m	0.2702 V/m
32	08/20/2015 10:15:36 AM		0.3230 V/m	0.2860 V/m	0.2502 V/m
33	08/20/2015 10:15:46 AM		0.3117 V/m	0.2903 V/m	0.2702 V/m
34	08/20/2015 10:15:56 AM		0.3161 V/m	0.2909 V/m	0.2513 V/m
35	08/20/2015 10:16:06 AM		0.3108 V/m	0.2910 V/m	0.2640 V/m
36	08/20/2015 10:16:16 AM		0.3204 V/m	0.2938 V/m	0.2692 V/m
37	08/20/2015 10:16:26 AM		0.3161 V/m	0.2824 V/m	0.2480 V/m
38	08/20/2015 10:16:36 AM		0.3019 V/m	0.2839 V/m	0.2567 V/m
39	08/20/2015 10:16:46 AM		0.3178 V/m	0.2840 V/m	0.2468 V/m
40	08/20/2015 10:16:56 AM		0.4315 V/m	0.2852 V/m	0.2513 V/m
41	08/20/2015 10:17:06 AM		0.3064 V/m	0.2840 V/m	0.2609 V/m
42	08/20/2015 10:17:16 AM		0.3100 V/m	0.2950 V/m	0.2682 V/m
43	08/20/2015 10:17:26 AM		0.3187 V/m	0.2972 V/m	0.2692 V/m
44	08/20/2015 10:17:36 AM		0.3204 V/m	0.3004 V/m	0.2812 V/m
45	08/20/2015 10:17:46 AM		0.3144 V/m	0.2917 V/m	0.2640 V/m
46	08/20/2015 10:17:56 AM		0.3196 V/m	0.2921 V/m	0.2640 V/m
47	08/20/2015 10:18:06 AM		0.3037 V/m	0.2845 V/m	0.2620 V/m
48	08/20/2015 10:18:16 AM		0.3144 V/m	0.2925 V/m	0.2620 V/m
49	08/20/2015 10:18:26 AM		0.3082 V/m	0.2830 V/m	0.2534 V/m
50	08/20/2015 10:18:36 AM		0.3001 V/m	0.2786 V/m	0.2567 V/m
51	08/20/2015 10:18:46 AM		0.3028 V/m	0.2814 V/m	0.2556 V/m
52	08/20/2015 10:18:56 AM		0.3091 V/m	0.2842 V/m	0.2640 V/m
53	08/20/2015 10:19:06 AM		0.2955 V/m	0.2801 V/m	0.2491 V/m

54	08/20/2015 10:19:16 AM	0.2973 V/m	0.2754 V/m	0.2480 V/m
55	08/20/2015 10:19:26 AM	0.3010 V/m	0.2796 V/m	0.2545 V/m
56	08/20/2015 10:19:36 AM	0.2964 V/m	0.2793 V/m	0.2609 V/m
57	08/20/2015 10:19:46 AM	0.3028 V/m	0.2846 V/m	0.2567 V/m
58	08/20/2015 10:19:56 AM	0.2991 V/m	0.2768 V/m	0.2534 V/m
59	08/20/2015 10:20:06 AM	0.3064 V/m	0.2782 V/m	0.2545 V/m
60	08/20/2015 10:20:16 AM	0.2889 V/m	0.2729 V/m	0.2513 V/m
61	08/20/2015 10:20:26 AM	0.3019 V/m	0.2814 V/m	0.2609 V/m
62	08/20/2015 10:20:36 AM	0.2973 V/m	0.2776 V/m	0.2599 V/m
63	08/20/2015 10:20:46 AM	0.2982 V/m	0.2781 V/m	0.2502 V/m
64	08/20/2015 10:20:56 AM	0.3109 V/m	0.2828 V/m	0.2457 V/m
65	08/20/2015 10:21:06 AM	0.2982 V/m	0.2734 V/m	0.2534 V/m
66	08/20/2015 10:21:16 AM	0.2936 V/m	0.2679 V/m	0.2412 V/m
67	08/20/2015 10:21:26 AM	0.2936 V/m	0.2664 V/m	0.2446 V/m
68	08/20/2015 10:21:36 AM	0.2879 V/m	0.2715 V/m	0.2534 V/m
69	08/20/2015 10:21:46 AM	0.2870 V/m	0.2693 V/m	0.2491 V/m
70	08/20/2015 10:21:56 AM	0.2945 V/m	0.2786 V/m	0.2556 V/m
71	08/20/2015 10:22:06 AM	0.3388 V/m	0.2797 V/m	0.2446 V/m
72	08/20/2015 10:22:16 AM	0.3010 V/m	0.2819 V/m	0.2513 V/m
73	08/20/2015 10:22:26 AM	0.2945 V/m	0.2745 V/m	0.2534 V/m
74	08/20/2015 10:22:36 AM	0.3064 V/m	0.2858 V/m	0.2480 V/m
75	08/20/2015 10:22:46 AM	0.3037 V/m	0.2820 V/m	0.2588 V/m
76	08/20/2015 10:22:56 AM	0.3117 V/m	0.2899 V/m	0.2567 V/m
77	08/20/2015 10:23:06 AM	0.3108 V/m	0.2882 V/m	0.2692 V/m
78	08/20/2015 10:23:16 AM	0.3046 V/m	0.2828 V/m	0.2609 V/m
79	08/20/2015 10:23:26 AM	0.3019 V/m	0.2828 V/m	0.2567 V/m
80	08/20/2015 10:23:36 AM	0.3082 V/m	0.2784 V/m	0.2502 V/m
81	08/20/2015 10:23:46 AM	0.3046 V/m	0.2733 V/m	0.2331 V/m
82	08/20/2015 10:23:56 AM	0.3055 V/m	0.2803 V/m	0.2502 V/m
83	08/20/2015 10:24:06 AM	0.3144 V/m	0.2797 V/m	0.2545 V/m
84	08/20/2015 10:24:16 AM	0.3019 V/m	0.2783 V/m	0.2424 V/m
85	08/20/2015 10:24:26 AM	0.3037 V/m	0.2829 V/m	0.2502 V/m
86	08/20/2015 10:24:36 AM	0.3028 V/m	0.2806 V/m	0.2588 V/m
87	08/20/2015 10:24:46 AM	0.3091 V/m	0.2843 V/m	0.2577 V/m
88	08/20/2015 10:24:56 AM	0.3109 V/m	0.2831 V/m	0.2567 V/m
89	08/20/2015 10:25:06 AM	0.3046 V/m	0.2805 V/m	0.2588 V/m
90	08/20/2015 10:25:16 AM	0.3064 V/m	0.2836 V/m	0.2620 V/m
91	08/20/2015 10:25:26 AM	0.3082 V/m	0.2857 V/m	0.2567 V/m
92	08/20/2015 10:25:36 AM	0.3082 V/m	0.2864 V/m	0.2567 V/m
93	08/20/2015 10:25:46 AM	0.3001 V/m	0.2827 V/m	0.2534 V/m
94	08/20/2015 10:25:56 AM	0.3126 V/m	0.2861 V/m	0.2630 V/m
95	08/20/2015 10:26:06 AM	0.3255 V/m	0.2939 V/m	0.2762 V/m
96	08/20/2015 10:26:16 AM	0.3152 V/m	0.2899 V/m	0.2567 V/m
97	08/20/2015 10:26:26 AM	0.3865 V/m	0.3001 V/m	0.2641 V/m
98	08/20/2015 10:26:36 AM	0.4119 V/m	0.2985 V/m	0.2702 V/m
99	08/20/2015 10:26:46 AM	0.3196 V/m	0.3016 V/m	0.2812 V/m
100	08/20/2015 10:26:56 AM	0.3126 V/m	0.2889 V/m	0.2630 V/m
101	08/20/2015 10:27:06 AM	0.3213 V/m	0.2914 V/m	0.2609 V/m
102	08/20/2015 10:27:16 AM	0.3100 V/m	0.2853 V/m	0.2620 V/m
103	08/20/2015 10:27:26 AM	0.3091 V/m	0.2807 V/m	0.2599 V/m
104	08/20/2015 10:27:36 AM	0.3019 V/m	0.2830 V/m	0.2609 V/m
105	08/20/2015 10:27:46 AM	0.3091 V/m	0.2846 V/m	0.2577 V/m
106	08/20/2015 10:27:56 AM	0.3255 V/m	0.2918 V/m	0.2651 V/m
107	08/20/2015 10:28:06 AM	0.3019 V/m	0.2861 V/m	0.2620 V/m
108	08/20/2015 10:28:16 AM	0.3073 V/m	0.2837 V/m	0.2630 V/m
109	08/20/2015 10:28:26 AM	0.3046 V/m	0.2820 V/m	0.2577 V/m
110	08/20/2015 10:28:36 AM	0.3491 V/m	0.3007 V/m	0.2661 V/m
111	08/20/2015 10:28:46 AM	0.3144 V/m	0.2857 V/m	0.2599 V/m
112	08/20/2015 10:28:56 AM	0.3037 V/m	0.2790 V/m	0.2513 V/m
113	08/20/2015 10:29:06 AM	0.3444 V/m	0.2861 V/m	0.2599 V/m
114	08/20/2015 10:29:16 AM	0.3046 V/m	0.2838 V/m	0.2609 V/m
115	08/20/2015 10:29:26 AM	0.3091 V/m	0.2888 V/m	0.2661 V/m
116	08/20/2015 10:29:36 AM	0.3152 V/m	0.2905 V/m	0.2567 V/m

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117	08/20/2015 10:29:46 AM	0.3255 V/m	0.2810 V/m	0.2366 V/m
118	08/20/2015 10:29:56 AM	0.3264 V/m	0.2912 V/m	0.2424 V/m
119	08/20/2015 10:30:06 AM	0.3178 V/m	0.2895 V/m	0.2588 V/m
120	08/20/2015 10:30:16 AM	0.3247 V/m	0.2966 V/m	0.2641 V/m
121	08/20/2015 10:30:26 AM	0.3117 V/m	0.2929 V/m	0.2682 V/m
122	08/20/2015 10:30:36 AM	0.3152 V/m	0.2915 V/m	0.2661 V/m
123	08/20/2015 10:30:46 AM	0.3836 V/m	0.2947 V/m	0.2567 V/m
124	08/20/2015 10:30:56 AM	0.3396 V/m	0.2900 V/m	0.2513 V/m
125	08/20/2015 10:31:06 AM	0.3082 V/m	0.2821 V/m	0.2588 V/m
126	08/20/2015 10:31:16 AM	0.2964 V/m	0.2769 V/m	0.2609 V/m
127	08/20/2015 10:31:26 AM	0.3100 V/m	0.2841 V/m	0.2620 V/m
128	08/20/2015 10:31:36 AM	0.3135 V/m	0.2977 V/m	0.2763 V/m
129	08/20/2015 10:31:46 AM	0.3109 V/m	0.2923 V/m	0.2567 V/m
130	08/20/2015 10:31:56 AM	0.3082 V/m	0.2881 V/m	0.2524 V/m
131	08/20/2015 10:32:06 AM	0.3562 V/m	0.2946 V/m	0.2630 V/m
132	08/20/2015 10:32:16 AM	0.3152 V/m	0.2920 V/m	0.2702 V/m
133	08/20/2015 10:32:26 AM	0.2955 V/m	0.2792 V/m	0.2577 V/m
134	08/20/2015 10:32:36 AM	0.3126 V/m	0.2854 V/m	0.2641 V/m
135	08/20/2015 10:32:46 AM	0.2973 V/m	0.2814 V/m	0.2567 V/m
136	08/20/2015 10:32:56 AM	0.3073 V/m	0.2767 V/m	0.2469 V/m
137	08/20/2015 10:33:06 AM	0.3330 V/m	0.2932 V/m	0.2513 V/m
138	08/20/2015 10:33:16 AM	0.3187 V/m	0.2867 V/m	0.2588 V/m
139	08/20/2015 10:33:26 AM	0.2936 V/m	0.2750 V/m	0.2502 V/m
140	08/20/2015 10:33:36 AM	0.3289 V/m	0.2748 V/m	0.2389 V/m
141	08/20/2015 10:33:46 AM	0.3046 V/m	0.2705 V/m	0.2378 V/m
142	08/20/2015 10:33:56 AM	0.3330 V/m	0.2820 V/m	0.2524 V/m
143	08/20/2015 10:34:06 AM	0.3073 V/m	0.2802 V/m	0.2457 V/m
144	08/20/2015 10:34:16 AM	0.3281 V/m	0.2866 V/m	0.2412 V/m
145	08/20/2015 10:34:26 AM	0.3499 V/m	0.3010 V/m	0.2524 V/m
146	08/20/2015 10:34:36 AM	0.3935 V/m	0.2979 V/m	0.2457 V/m
147	08/20/2015 10:34:46 AM	0.3523 V/m	0.2964 V/m	0.2457 V/m
148	08/20/2015 10:34:56 AM	0.2964 V/m	0.2775 V/m	0.2355 V/m
149	08/20/2015 10:35:06 AM	0.3507 V/m	0.3068 V/m	0.2378 V/m
150	08/20/2015 10:35:16 AM	0.3523 V/m	0.3097 V/m	0.2524 V/m
151	08/20/2015 10:35:26 AM	0.3247 V/m	0.2901 V/m	0.2469 V/m
152	08/20/2015 10:35:36 AM	0.3238 V/m	0.2811 V/m	0.2567 V/m
153	08/20/2015 10:35:46 AM	0.3230 V/m	0.2836 V/m	0.2435 V/m
154	08/20/2015 10:35:56 AM	0.3371 V/m	0.2883 V/m	0.2513 V/m
155	08/20/2015 10:36:06 AM	0.3055 V/m	0.2775 V/m	0.2491 V/m
156	08/20/2015 10:36:16 AM	0.3091 V/m	0.2770 V/m	0.2534 V/m
157	08/20/2015 10:36:26 AM	0.3064 V/m	0.2825 V/m	0.2630 V/m
158	08/20/2015 10:36:36 AM	0.2879 V/m	0.2657 V/m	0.2366 V/m
159	08/20/2015 10:36:46 AM	0.3135 V/m	0.2729 V/m	0.2469 V/m
160	08/20/2015 10:36:56 AM	0.3046 V/m	0.2743 V/m	0.2556 V/m
161	08/20/2015 10:37:06 AM	0.3028 V/m	0.2760 V/m	0.2545 V/m
162	08/20/2015 10:37:16 AM	0.3001 V/m	0.2720 V/m	0.2446 V/m
163	08/20/2015 10:37:26 AM	0.2908 V/m	0.2696 V/m	0.2457 V/m
164	08/20/2015 10:37:36 AM	0.2908 V/m	0.2686 V/m	0.2446 V/m
165	08/20/2015 10:37:46 AM	0.3109 V/m	0.2704 V/m	0.2469 V/m
166	08/20/2015 10:37:56 AM	0.3152 V/m	0.2717 V/m	0.2389 V/m
167	08/20/2015 10:38:06 AM	0.3028 V/m	0.2755 V/m	0.2401 V/m
168	08/20/2015 10:38:16 AM	0.3046 V/m	0.2762 V/m	0.2534 V/m
169	08/20/2015 10:38:26 AM	0.3082 V/m	0.2734 V/m	0.2446 V/m
170	08/20/2015 10:38:36 AM	0.3355 V/m	0.2782 V/m	0.2491 V/m
171	08/20/2015 10:38:46 AM	0.3100 V/m	0.2724 V/m	0.2185 V/m
172	08/20/2015 10:38:56 AM	0.3339 V/m	0.2734 V/m	0.2389 V/m
173	08/20/2015 10:39:06 AM	0.3019 V/m	0.2750 V/m	0.2491 V/m
174	08/20/2015 10:39:16 AM	0.3037 V/m	0.2718 V/m	0.2480 V/m
175	08/20/2015 10:39:26 AM	0.2889 V/m	0.2679 V/m	0.2401 V/m
176	08/20/2015 10:39:36 AM	0.2982 V/m	0.2656 V/m	0.2389 V/m
177	08/20/2015 10:39:46 AM	0.3073 V/m	0.2700 V/m	0.2502 V/m
178	08/20/2015 10:39:56 AM	0.3001 V/m	0.2728 V/m	0.2545 V/m
179	08/20/2015 10:40:06 AM	0.2879 V/m	0.2680 V/m	0.2412 V/m

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180	08/20/2015 10:40:16 AM	0.2879 V/m	0.2677 V/m	0.2401 V/m
181	08/20/2015 10:40:26 AM	0.2841 V/m	0.2638 V/m	0.2412 V/m
182	08/20/2015 10:40:36 AM	0.2917 V/m	0.2705 V/m	0.2446 V/m
183	08/20/2015 10:40:46 AM	0.2945 V/m	0.2678 V/m	0.2412 V/m
184	08/20/2015 10:40:56 AM	0.3082 V/m	0.2707 V/m	0.2524 V/m
185	08/20/2015 10:41:06 AM	0.2955 V/m	0.2725 V/m	0.2502 V/m
186	08/20/2015 10:41:16 AM	0.2982 V/m	0.2717 V/m	0.2469 V/m
187	08/20/2015 10:41:26 AM	0.2955 V/m	0.2728 V/m	0.2491 V/m
188	08/20/2015 10:41:36 AM	0.3001 V/m	0.2700 V/m	0.2366 V/m
189	08/20/2015 10:41:46 AM	0.3028 V/m	0.2719 V/m	0.2389 V/m
190	08/20/2015 10:41:56 AM	0.3019 V/m	0.2790 V/m	0.2599 V/m
191	08/20/2015 10:42:06 AM	0.2973 V/m	0.2718 V/m	0.2469 V/m
192	08/20/2015 10:42:16 AM	0.3019 V/m	0.2765 V/m	0.2446 V/m
193	08/20/2015 10:42:26 AM	0.3028 V/m	0.2761 V/m	0.2435 V/m
194	08/20/2015 10:42:36 AM	0.2927 V/m	0.2696 V/m	0.2355 V/m
195	08/20/2015 10:42:46 AM	0.3037 V/m	0.2723 V/m	0.2524 V/m
196	08/20/2015 10:42:56 AM	0.2917 V/m	0.2689 V/m	0.2331 V/m
197	08/20/2015 10:43:06 AM	0.3117 V/m	0.2655 V/m	0.2135 V/m
198	08/20/2015 10:43:16 AM	0.3028 V/m	0.2729 V/m	0.2502 V/m
199	08/20/2015 10:43:26 AM	0.2917 V/m	0.2706 V/m	0.2435 V/m
200	08/20/2015 10:43:36 AM	0.2879 V/m	0.2642 V/m	0.2378 V/m
201	08/20/2015 10:43:46 AM	0.2973 V/m	0.2767 V/m	0.2545 V/m
202	08/20/2015 10:43:56 AM	0.3073 V/m	0.2792 V/m	0.2577 V/m
203	08/20/2015 10:44:06 AM	0.3338 V/m	0.2898 V/m	0.2491 V/m
204	08/20/2015 10:44:16 AM	0.3238 V/m	0.2836 V/m	0.2210 V/m
205	08/20/2015 10:44:26 AM	0.3028 V/m	0.2811 V/m	0.2609 V/m
206	08/20/2015 10:44:36 AM	0.3531 V/m	0.2977 V/m	0.2424 V/m
207	08/20/2015 10:44:46 AM	0.3396 V/m	0.3046 V/m	0.2661 V/m
208	08/20/2015 10:44:56 AM	0.3213 V/m	0.2781 V/m	0.2284 V/m
209	08/20/2015 10:45:06 AM	0.3238 V/m	0.2906 V/m	0.2672 V/m
210	08/20/2015 10:45:16 AM	0.3339 V/m	0.2890 V/m	0.2082 V/m
211	08/20/2015 10:45:26 AM	0.3800 V/m	0.2891 V/m	0.2247 V/m
212	08/20/2015 10:45:36 AM	0.3562 V/m	0.2928 V/m	0.2389 V/m
213	08/20/2015 10:45:46 AM	0.3771 V/m	0.2830 V/m	0.2378 V/m
214	08/20/2015 10:45:56 AM	0.3100 V/m	0.2810 V/m	0.2502 V/m
215	08/20/2015 10:46:06 AM	0.3204 V/m	0.2823 V/m	0.2534 V/m
216	08/20/2015 10:46:16 AM	0.3460 V/m	0.2883 V/m	0.2534 V/m
217	08/20/2015 10:46:26 AM	0.3347 V/m	0.3005 V/m	0.2567 V/m
218	08/20/2015 10:46:36 AM	0.3554 V/m	0.2942 V/m	0.2424 V/m
219	08/20/2015 10:46:46 AM	0.3705 V/m	0.2886 V/m	0.2567 V/m
220	08/20/2015 10:46:56 AM	0.3396 V/m	0.2906 V/m	0.2599 V/m
221	08/20/2015 10:47:06 AM	0.3607 V/m	0.2982 V/m	0.2435 V/m
222	08/20/2015 10:47:16 AM	0.3554 V/m	0.3101 V/m	0.2661 V/m
223	08/20/2015 10:47:26 AM	0.3623 V/m	0.3352 V/m	0.3001 V/m
224	08/20/2015 10:47:36 AM	0.3554 V/m	0.3257 V/m	0.2671 V/m
225	08/20/2015 10:47:46 AM	0.3561 V/m	0.3237 V/m	0.2982 V/m
226	08/20/2015 10:47:56 AM	0.3683 V/m	0.3295 V/m	0.2879 V/m
227	08/20/2015 10:48:06 AM	0.4039 V/m	0.3384 V/m	0.2860 V/m
228	08/20/2015 10:48:16 AM	0.3764 V/m	0.3308 V/m	0.2712 V/m
229	08/20/2015 10:48:26 AM	0.3886 V/m	0.3359 V/m	0.2792 V/m
230	08/20/2015 10:48:36 AM	0.3584 V/m	0.3285 V/m	0.2831 V/m
231	08/20/2015 10:48:46 AM	0.3698 V/m	0.3277 V/m	0.2742 V/m
232	08/20/2015 10:48:56 AM	0.3460 V/m	0.3205 V/m	0.2841 V/m
233	08/20/2015 10:49:06 AM	0.3379 V/m	0.3197 V/m	0.2982 V/m
234	08/20/2015 10:49:16 AM	0.3452 V/m	0.3241 V/m	0.3019 V/m
235	08/20/2015 10:49:26 AM	0.3600 V/m	0.3262 V/m	0.3028 V/m
236	08/20/2015 10:49:36 AM	0.3452 V/m	0.3247 V/m	0.2992 V/m
237	08/20/2015 10:49:46 AM	0.3404 V/m	0.2989 V/m	0.2355 V/m
238	08/20/2015 10:49:56 AM	0.3055 V/m	0.2847 V/m	0.2401 V/m
239	08/20/2015 10:50:06 AM	0.3355 V/m	0.3011 V/m	0.2682 V/m
240	08/20/2015 10:50:16 AM	0.3412 V/m	0.3279 V/m	0.3091 V/m
241	08/20/2015 10:50:26 AM	0.3554 V/m	0.3343 V/m	0.3010 V/m
242	08/20/2015 10:50:36 AM	0.3238 V/m	0.3016 V/m	0.2743 V/m

243	08/20/2015 10:50:46 AM	0.3289 V/m	0.3007 V/m	0.2682 V/m
244	08/20/2015 10:50:56 AM	0.3355 V/m	0.2935 V/m	0.2588 V/m
245	08/20/2015 10:51:06 AM	0.3289 V/m	0.3071 V/m	0.2588 V/m
246	08/20/2015 10:51:16 AM	0.3305 V/m	0.3065 V/m	0.2752 V/m
247	08/20/2015 10:51:26 AM	0.3314 V/m	0.3062 V/m	0.2812 V/m
248	08/20/2015 10:51:36 AM	0.3297 V/m	0.2999 V/m	0.2692 V/m
249	08/20/2015 10:51:46 AM	0.3204 V/m	0.2979 V/m	0.2630 V/m
250	08/20/2015 10:51:56 AM	0.3272 V/m	0.2975 V/m	0.2712 V/m
251	08/20/2015 10:52:06 AM	0.3355 V/m	0.3042 V/m	0.2513 V/m
252	08/20/2015 10:52:16 AM	0.3238 V/m	0.3013 V/m	0.2742 V/m
253	08/20/2015 10:52:26 AM	0.3213 V/m	0.2952 V/m	0.2577 V/m
254	08/20/2015 10:52:36 AM	0.3178 V/m	0.2979 V/m	0.2831 V/m
255	08/20/2015 10:52:46 AM	0.3330 V/m	0.2995 V/m	0.2792 V/m
256	08/20/2015 10:52:56 AM	0.3238 V/m	0.2909 V/m	0.2661 V/m
257	08/20/2015 10:53:06 AM	0.3749 V/m	0.3074 V/m	0.2702 V/m
258	08/20/2015 10:53:16 AM	0.3735 V/m	0.3282 V/m	0.2712 V/m
259	08/20/2015 10:53:26 AM	0.3742 V/m	0.3226 V/m	0.2792 V/m
260	08/20/2015 10:53:36 AM	0.3705 V/m	0.3063 V/m	0.2651 V/m
261	08/20/2015 10:53:46 AM	0.3623 V/m	0.3042 V/m	0.2682 V/m
262	08/20/2015 10:53:56 AM	0.3213 V/m	0.2933 V/m	0.2722 V/m
263	08/20/2015 10:54:06 AM	0.3872 V/m	0.3295 V/m	0.2682 V/m
264	08/20/2015 10:54:16 AM	0.3073 V/m	0.2896 V/m	0.2692 V/m
265	08/20/2015 10:54:26 AM	0.3187 V/m	0.2922 V/m	0.2588 V/m
266	08/20/2015 10:54:36 AM	0.3196 V/m	0.2886 V/m	0.2599 V/m
267	08/20/2015 10:54:46 AM	0.3379 V/m	0.2890 V/m	0.2588 V/m
268	08/20/2015 10:54:56 AM	0.3247 V/m	0.2872 V/m	0.2577 V/m
269	08/20/2015 10:55:06 AM	0.3355 V/m	0.2851 V/m	0.2296 V/m
270	08/20/2015 10:55:16 AM	0.3152 V/m	0.2920 V/m	0.2545 V/m
271	08/20/2015 10:55:26 AM	0.3170 V/m	0.2987 V/m	0.2732 V/m
272	08/20/2015 10:55:36 AM	0.3822 V/m	0.3289 V/m	0.2812 V/m
273	08/20/2015 10:55:46 AM	0.3653 V/m	0.3205 V/m	0.2860 V/m
274	08/20/2015 10:55:56 AM	0.3734 V/m	0.3385 V/m	0.2889 V/m
275	08/20/2015 10:56:06 AM	0.3698 V/m	0.3157 V/m	0.2599 V/m
276	08/20/2015 10:56:16 AM	0.3735 V/m	0.3194 V/m	0.2898 V/m
277	08/20/2015 10:56:26 AM	0.3452 V/m	0.3114 V/m	0.2841 V/m
278	08/20/2015 10:56:36 AM	0.3396 V/m	0.3141 V/m	0.2762 V/m
279	08/20/2015 10:56:46 AM	0.3289 V/m	0.3032 V/m	0.2609 V/m
280	08/20/2015 10:56:56 AM	0.3247 V/m	0.3020 V/m	0.2762 V/m
281	08/20/2015 10:57:06 AM	0.3420 V/m	0.2992 V/m	0.2672 V/m
282	08/20/2015 10:57:16 AM	0.3412 V/m	0.2982 V/m	0.2702 V/m
283	08/20/2015 10:57:26 AM	0.3100 V/m	0.2904 V/m	0.2556 V/m
284	08/20/2015 10:57:36 AM	0.3264 V/m	0.3015 V/m	0.2702 V/m
285	08/20/2015 10:57:46 AM	0.3305 V/m	0.2987 V/m	0.2651 V/m
286	08/20/2015 10:57:56 AM	0.3483 V/m	0.3157 V/m	0.2831 V/m
287	08/20/2015 10:58:06 AM	0.3491 V/m	0.3150 V/m	0.2870 V/m
288	08/20/2015 10:58:16 AM	0.3592 V/m	0.3225 V/m	0.2732 V/m
289	08/20/2015 10:58:26 AM	0.3347 V/m	0.3081 V/m	0.2870 V/m
290	08/20/2015 10:58:36 AM	0.3523 V/m	0.3037 V/m	0.2661 V/m
291	08/20/2015 10:58:46 AM	0.3460 V/m	0.3176 V/m	0.2831 V/m
292	08/20/2015 10:58:56 AM	0.3460 V/m	0.3191 V/m	0.2898 V/m
293	08/20/2015 10:59:06 AM	0.3196 V/m	0.2946 V/m	0.2661 V/m
294	08/20/2015 10:59:16 AM	0.3523 V/m	0.3063 V/m	0.2651 V/m
295	08/20/2015 10:59:26 AM	0.3339 V/m	0.3069 V/m	0.2782 V/m
296	08/20/2015 10:59:36 AM	0.3371 V/m	0.3011 V/m	0.2743 V/m
297	08/20/2015 10:59:46 AM	0.3793 V/m	0.3100 V/m	0.2831 V/m
298	08/20/2015 10:59:56 AM	0.3280 V/m	0.2944 V/m	0.2446 V/m
299	08/20/2015 11:00:06 AM	0.3221 V/m	0.2916 V/m	0.2712 V/m
300	08/20/2015 11:00:16 AM	0.3460 V/m	0.3114 V/m	0.2792 V/m
301	08/20/2015 11:00:26 AM	0.3289 V/m	0.2974 V/m	0.2702 V/m
302	08/20/2015 11:00:36 AM	0.3523 V/m	0.3036 V/m	0.2661 V/m
303	08/20/2015 11:00:46 AM	0.3387 V/m	0.3049 V/m	0.2692 V/m
304	08/20/2015 11:00:56 AM	0.3305 V/m	0.3067 V/m	0.2762 V/m
305	08/20/2015 11:01:06 AM	0.3436 V/m	0.3032 V/m	0.2640 V/m

306	08/20/2015 11:01:16 AM	0.3264 V/m	0.3006 V/m	0.2661 V/m
307	08/20/2015 11:01:26 AM	0.3561 V/m	0.3108 V/m	0.2792 V/m
308	08/20/2015 11:01:36 AM	0.3355 V/m	0.3033 V/m	0.2682 V/m
309	08/20/2015 11:01:46 AM	0.3387 V/m	0.3062 V/m	0.2782 V/m
310	08/20/2015 11:01:56 AM	0.3187 V/m	0.2983 V/m	0.2782 V/m
311	08/20/2015 11:02:06 AM	0.3272 V/m	0.2983 V/m	0.2599 V/m
312	08/20/2015 11:02:16 AM	0.3255 V/m	0.2995 V/m	0.2772 V/m
313	08/20/2015 11:02:26 AM	0.3668 V/m	0.3337 V/m	0.2879 V/m
314	08/20/2015 11:02:36 AM	0.3476 V/m	0.3037 V/m	0.2609 V/m
315	08/20/2015 11:02:46 AM	0.3347 V/m	0.3033 V/m	0.2682 V/m
316	08/20/2015 11:02:56 AM	0.3297 V/m	0.2991 V/m	0.2641 V/m
317	08/20/2015 11:03:06 AM	0.3388 V/m	0.2990 V/m	0.2599 V/m
318	08/20/2015 11:03:16 AM	0.4066 V/m	0.2953 V/m	0.2331 V/m
319	08/20/2015 11:03:26 AM	0.3280 V/m	0.3037 V/m	0.2577 V/m
320	08/20/2015 11:03:36 AM	0.3561 V/m	0.3036 V/m	0.2480 V/m
321	08/20/2015 11:03:46 AM	0.3272 V/m	0.2991 V/m	0.2692 V/m
322	08/20/2015 11:03:56 AM	0.4045 V/m	0.2984 V/m	0.2609 V/m
323	08/20/2015 11:04:06 AM	0.3264 V/m	0.2991 V/m	0.2630 V/m
324	08/20/2015 11:04:16 AM	0.3363 V/m	0.3182 V/m	0.2982 V/m
325	08/20/2015 11:04:26 AM	0.4257 V/m	0.3173 V/m	0.2732 V/m
326	08/20/2015 11:04:36 AM	0.3734 V/m	0.3342 V/m	0.2982 V/m
327	08/20/2015 11:04:46 AM	0.3396 V/m	0.3060 V/m	0.2682 V/m
328	08/20/2015 11:04:56 AM	0.3515 V/m	0.3058 V/m	0.2682 V/m
329	08/20/2015 11:05:06 AM	0.3196 V/m	0.2949 V/m	0.2651 V/m
330	08/20/2015 11:05:16 AM	0.3187 V/m	0.2946 V/m	0.2661 V/m
331	08/20/2015 11:05:26 AM	0.3371 V/m	0.3033 V/m	0.2753 V/m
332	08/20/2015 11:05:36 AM	0.3538 V/m	0.3207 V/m	0.2762 V/m
333	08/20/2015 11:05:46 AM	0.3468 V/m	0.3165 V/m	0.2802 V/m
334	08/20/2015 11:05:56 AM	0.3577 V/m	0.3221 V/m	0.2955 V/m
335	08/20/2015 11:06:06 AM	0.3530 V/m	0.3141 V/m	0.2879 V/m
336	08/20/2015 11:06:16 AM	0.3412 V/m	0.3090 V/m	0.2753 V/m
337	08/20/2015 11:06:26 AM	0.3452 V/m	0.3172 V/m	0.2782 V/m
338	08/20/2015 11:06:36 AM	0.3272 V/m	0.3048 V/m	0.2661 V/m
339	08/20/2015 11:06:46 AM	0.3280 V/m	0.3084 V/m	0.2841 V/m
340	08/20/2015 11:06:56 AM	0.3592 V/m	0.3109 V/m	0.2821 V/m
341	08/20/2015 11:07:06 AM	0.3749 V/m	0.3422 V/m	0.3100 V/m
342	08/20/2015 11:07:16 AM	0.3778 V/m	0.3361 V/m	0.3064 V/m
343	08/20/2015 11:07:26 AM	0.3355 V/m	0.3188 V/m	0.2772 V/m
344	08/20/2015 11:07:36 AM	0.3475 V/m	0.3152 V/m	0.2792 V/m
345	08/20/2015 11:07:46 AM	0.3314 V/m	0.2906 V/m	0.2480 V/m
346	08/20/2015 11:07:56 AM	0.3420 V/m	0.3007 V/m	0.2640 V/m
347	08/20/2015 11:08:06 AM	0.3117 V/m	0.2889 V/m	0.2682 V/m
348	08/20/2015 11:08:16 AM	0.3204 V/m	0.2875 V/m	0.2661 V/m
349	08/20/2015 11:08:26 AM	0.3347 V/m	0.2953 V/m	0.2712 V/m
350	08/20/2015 11:08:36 AM	0.3221 V/m	0.2903 V/m	0.2577 V/m
351	08/20/2015 11:08:46 AM	0.3305 V/m	0.2935 V/m	0.2641 V/m
352	08/20/2015 11:08:56 AM	0.3073 V/m	0.2816 V/m	0.2424 V/m
353	08/20/2015 11:09:06 AM	0.3339 V/m	0.2919 V/m	0.2567 V/m
354	08/20/2015 11:09:16 AM	0.3082 V/m	0.2775 V/m	0.2524 V/m
355	08/20/2015 11:09:26 AM	0.3475 V/m	0.2942 V/m	0.2630 V/m
356	08/20/2015 11:09:36 AM	0.3314 V/m	0.2934 V/m	0.2609 V/m
357	08/20/2015 11:09:46 AM	0.2992 V/m	0.2803 V/m	0.2599 V/m
358	08/20/2015 11:09:56 AM	0.3037 V/m	0.2870 V/m	0.2534 V/m
359	08/20/2015 11:10:06 AM	0.3204 V/m	0.2882 V/m	0.2630 V/m
360	08/20/2015 11:10:16 AM	0.3412 V/m	0.2986 V/m	0.2630 V/m
361	08/20/2015 11:10:26 AM	0.3135 V/m	0.2875 V/m	0.2682 V/m
362	08/20/2015 11:10:36 AM	0.3347 V/m	0.2913 V/m	0.2661 V/m
363	08/20/2015 11:10:46 AM	0.3444 V/m	0.2868 V/m	0.2469 V/m
364	08/20/2015 11:10:56 AM	0.3100 V/m	0.2736 V/m	0.2412 V/m
365	08/20/2015 11:11:06 AM	0.3371 V/m	0.2914 V/m	0.2682 V/m
366	08/20/2015 11:11:16 AM	0.3404 V/m	0.2901 V/m	0.2457 V/m
367	08/20/2015 11:11:26 AM	0.3117 V/m	0.2839 V/m	0.2534 V/m
368	08/20/2015 11:11:36 AM	0.3483 V/m	0.3031 V/m	0.2534 V/m

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369	08/20/2015 11:11:46 AM	0.3428 V/m	0.2977 V/m	0.2534 V/m
370	08/20/2015 11:11:56 AM	0.3444 V/m	0.3122 V/m	0.2772 V/m
371	08/20/2015 11:12:06 AM	0.3546 V/m	0.3231 V/m	0.2973 V/m
372	08/20/2015 11:12:16 AM	0.3475 V/m	0.3188 V/m	0.2964 V/m
373	08/20/2015 11:12:26 AM	0.3436 V/m	0.3162 V/m	0.2702 V/m
374	08/20/2015 11:12:36 AM	0.3546 V/m	0.3312 V/m	0.3091 V/m
375	08/20/2015 11:12:46 AM	0.3515 V/m	0.3284 V/m	0.3037 V/m
376	08/20/2015 11:12:56 AM	0.3468 V/m	0.3281 V/m	0.3046 V/m
377	08/20/2015 11:13:06 AM	0.3339 V/m	0.3152 V/m	0.2917 V/m
378	08/20/2015 11:13:16 AM	0.3412 V/m	0.3182 V/m	0.2651 V/m
379	08/20/2015 11:13:26 AM	0.3507 V/m	0.3246 V/m	0.2982 V/m
380	08/20/2015 11:13:36 AM	0.3412 V/m	0.3267 V/m	0.3010 V/m
381	08/20/2015 11:13:46 AM	0.3499 V/m	0.3285 V/m	0.3064 V/m
382	08/20/2015 11:13:56 AM	0.3600 V/m	0.3324 V/m	0.3117 V/m
383	08/20/2015 11:14:06 AM	0.3491 V/m	0.3306 V/m	0.3126 V/m
384	08/20/2015 11:14:16 AM	0.3475 V/m	0.3260 V/m	0.2917 V/m
385	08/20/2015 11:14:26 AM	0.3387 V/m	0.3210 V/m	0.3046 V/m
386	08/20/2015 11:14:36 AM	0.3499 V/m	0.3256 V/m	0.3019 V/m
387	08/20/2015 11:14:46 AM	0.3363 V/m	0.3196 V/m	0.2992 V/m
388	08/20/2015 11:14:56 AM	0.3523 V/m	0.3273 V/m	0.3001 V/m
389	08/20/2015 11:15:06 AM	0.3499 V/m	0.3201 V/m	0.3019 V/m
390	08/20/2015 11:15:16 AM	0.3387 V/m	0.3194 V/m	0.2908 V/m
391	08/20/2015 11:15:26 AM	0.3507 V/m	0.3241 V/m	0.2860 V/m
392	08/20/2015 11:15:36 AM	0.3305 V/m	0.3158 V/m	0.2927 V/m
393	08/20/2015 11:15:46 AM	0.3530 V/m	0.3216 V/m	0.2908 V/m
394	08/20/2015 11:15:56 AM	0.3444 V/m	0.3231 V/m	0.2964 V/m
395	08/20/2015 11:16:06 AM	0.3452 V/m	0.3218 V/m	0.2908 V/m
396	08/20/2015 11:16:16 AM	0.3387 V/m	0.3214 V/m	0.2955 V/m
397	08/20/2015 11:16:26 AM	0.3468 V/m	0.3221 V/m	0.3010 V/m
398	08/20/2015 11:16:36 AM	0.3412 V/m	0.3258 V/m	0.3028 V/m
399	08/20/2015 11:16:46 AM	0.3546 V/m	0.3277 V/m	0.2991 V/m
400	08/20/2015 11:16:56 AM	0.3507 V/m	0.3269 V/m	0.3010 V/m
401	08/20/2015 11:17:06 AM	0.3515 V/m	0.3256 V/m	0.3028 V/m
402	08/20/2015 11:17:16 AM	0.3460 V/m	0.3276 V/m	0.3144 V/m
403	08/20/2015 11:17:26 AM	0.3764 V/m	0.3385 V/m	0.3170 V/m
404	08/20/2015 11:17:36 AM	0.3660 V/m	0.3349 V/m	0.3135 V/m
405	08/20/2015 11:17:46 AM	0.3476 V/m	0.3241 V/m	0.2945 V/m
406	08/20/2015 11:17:56 AM	0.3468 V/m	0.3260 V/m	0.2964 V/m
407	08/20/2015 11:18:06 AM	0.4119 V/m	0.3315 V/m	0.2599 V/m
408	08/20/2015 11:18:16 AM	0.8469 V/m	0.3954 V/m	0.2936 V/m
409	08/20/2015 11:18:26 AM	0.3546 V/m	0.3097 V/m	0.2446 V/m
410	08/20/2015 11:18:36 AM	0.3420 V/m	0.2977 V/m	0.2502 V/m
411	08/20/2015 11:18:46 AM	0.3428 V/m	0.3142 V/m	0.2457 V/m
412	08/20/2015 11:18:56 AM	0.3363 V/m	0.3107 V/m	0.2870 V/m
413	08/20/2015 11:19:06 AM	0.3387 V/m	0.3174 V/m	0.2860 V/m
414	08/20/2015 11:19:16 AM	0.3404 V/m	0.3199 V/m	0.2964 V/m
415	08/20/2015 11:19:26 AM	0.3569 V/m	0.3158 V/m	0.2812 V/m
416	08/20/2015 11:19:36 AM	0.3749 V/m	0.3184 V/m	0.2851 V/m
417	08/20/2015 11:19:46 AM	0.3499 V/m	0.3166 V/m	0.2927 V/m
418	08/20/2015 11:19:56 AM	0.3460 V/m	0.3181 V/m	0.2955 V/m
419	08/20/2015 11:20:06 AM	0.3322 V/m	0.3004 V/m	0.2630 V/m
420	08/20/2015 11:20:16 AM	0.3387 V/m	0.2894 V/m	0.2457 V/m
421	08/20/2015 11:20:26 AM	0.3187 V/m	0.2834 V/m	0.2588 V/m
422	08/20/2015 11:20:36 AM	0.3100 V/m	0.2800 V/m	0.2567 V/m
423	08/20/2015 11:20:46 AM	0.3247 V/m	0.2862 V/m	0.2567 V/m
424	08/20/2015 11:20:56 AM	0.3073 V/m	0.2803 V/m	0.2260 V/m
425	08/20/2015 11:21:06 AM	0.3046 V/m	0.2696 V/m	0.2389 V/m
426	08/20/2015 11:21:16 AM	0.3187 V/m	0.2738 V/m	0.2343 V/m
427	08/20/2015 11:21:26 AM	0.3161 V/m	0.2820 V/m	0.2491 V/m
428	08/20/2015 11:21:36 AM	0.3152 V/m	0.2921 V/m	0.2722 V/m
429	08/20/2015 11:21:46 AM	0.3001 V/m	0.2847 V/m	0.2609 V/m
430	08/20/2015 11:21:56 AM	0.3046 V/m	0.2802 V/m	0.2480 V/m
431	08/20/2015 11:22:06 AM	0.3019 V/m	0.2773 V/m	0.2480 V/m

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432	08/20/2015 11:22:16 AM	0.3037 V/m	0.2686 V/m	0.2401 V/m
433	08/20/2015 11:22:26 AM	0.3297 V/m	0.2818 V/m	0.2556 V/m
434	08/20/2015 11:22:36 AM	0.3152 V/m	0.2883 V/m	0.2524 V/m
435	08/20/2015 11:22:46 AM	0.3037 V/m	0.2699 V/m	0.2401 V/m
436	08/20/2015 11:22:56 AM	0.3001 V/m	0.2772 V/m	0.2446 V/m
437	08/20/2015 11:23:06 AM	0.3554 V/m	0.2728 V/m	0.2296 V/m
438	08/20/2015 11:23:16 AM	0.3771 V/m	0.2861 V/m	0.2457 V/m
439	08/20/2015 11:23:26 AM	0.3152 V/m	0.2860 V/m	0.2260 V/m
440	08/20/2015 11:23:36 AM	0.3213 V/m	0.2868 V/m	0.2534 V/m
441	08/20/2015 11:23:46 AM	0.3255 V/m	0.2837 V/m	0.2424 V/m
442	08/20/2015 11:23:56 AM	0.5226 V/m	0.3004 V/m	0.2260 V/m
443	08/20/2015 11:24:06 AM	0.4079 V/m	0.3211 V/m	0.2545 V/m
444	08/20/2015 11:24:16 AM	0.3675 V/m	0.2980 V/m	0.2545 V/m
445	08/20/2015 11:24:26 AM	0.3221 V/m	0.2798 V/m	0.2446 V/m
446	08/20/2015 11:24:36 AM	0.3420 V/m	0.2795 V/m	0.2524 V/m
447	08/20/2015 11:24:46 AM	0.3822 V/m	0.2888 V/m	0.2366 V/m
448	08/20/2015 11:24:56 AM	0.3554 V/m	0.2965 V/m	0.2513 V/m
449	08/20/2015 11:25:06 AM	0.3815 V/m	0.2985 V/m	0.2702 V/m
450	08/20/2015 11:25:16 AM	0.3046 V/m	0.2759 V/m	0.2480 V/m
451	08/20/2015 11:25:26 AM	0.3117 V/m	0.2670 V/m	0.2435 V/m
452	08/20/2015 11:25:36 AM	0.3126 V/m	0.2680 V/m	0.2355 V/m
453	08/20/2015 11:25:46 AM	0.3872 V/m	0.3013 V/m	0.2319 V/m
454	08/20/2015 11:25:56 AM	0.3272 V/m	0.2753 V/m	0.2343 V/m
455	08/20/2015 11:26:06 AM	0.3135 V/m	0.2722 V/m	0.2355 V/m
456	08/20/2015 11:26:16 AM	0.3956 V/m	0.3014 V/m	0.2319 V/m
457	08/20/2015 11:26:26 AM	0.2917 V/m	0.2718 V/m	0.2296 V/m
458	08/20/2015 11:26:36 AM	0.3019 V/m	0.2751 V/m	0.2480 V/m
459	08/20/2015 11:26:46 AM	0.3238 V/m	0.2769 V/m	0.2424 V/m
460	08/20/2015 11:26:56 AM	0.3100 V/m	0.2728 V/m	0.2412 V/m
461	08/20/2015 11:27:06 AM	0.4004 V/m	0.2950 V/m	0.2343 V/m
462	08/20/2015 11:27:16 AM	0.4409 V/m	0.3851 V/m	0.2491 V/m
463	08/20/2015 11:27:26 AM	0.4212 V/m	0.3964 V/m	0.2955 V/m
464	08/20/2015 11:27:36 AM	0.3997 V/m	0.3648 V/m	0.2599 V/m
465	08/20/2015 11:27:46 AM	0.4106 V/m	0.3823 V/m	0.3221 V/m
466	08/20/2015 11:27:56 AM	0.4257 V/m	0.3821 V/m	0.2982 V/m
467	08/20/2015 11:28:06 AM	0.4086 V/m	0.3894 V/m	0.3653 V/m
468	08/20/2015 11:28:16 AM	0.4205 V/m	0.3953 V/m	0.3675 V/m
469	08/20/2015 11:28:26 AM	0.4126 V/m	0.3904 V/m	0.3675 V/m
470	08/20/2015 11:28:36 AM	0.4092 V/m	0.3857 V/m	0.3683 V/m
471	08/20/2015 11:28:46 AM	0.3963 V/m	0.3850 V/m	0.3660 V/m
472	08/20/2015 11:28:56 AM	0.4011 V/m	0.3409 V/m	0.2577 V/m
473	08/20/2015 11:29:06 AM	0.4025 V/m	0.3827 V/m	0.3638 V/m
474	08/20/2015 11:29:16 AM	0.4119 V/m	0.3336 V/m	0.2682 V/m
475	08/20/2015 11:29:26 AM	0.3836 V/m	0.2833 V/m	0.2366 V/m
476	08/20/2015 11:29:36 AM	0.3187 V/m	0.2735 V/m	0.2331 V/m
477	08/20/2015 11:29:46 AM	0.3907 V/m	0.2858 V/m	0.2401 V/m
478	08/20/2015 11:29:56 AM	0.3815 V/m	0.3063 V/m	0.2435 V/m
479	08/20/2015 11:30:06 AM	0.3815 V/m	0.2899 V/m	0.2480 V/m
480	08/20/2015 11:30:16 AM	0.3196 V/m	0.2820 V/m	0.2502 V/m
481	08/20/2015 11:30:26 AM	0.3793 V/m	0.3044 V/m	0.2480 V/m
482	08/20/2015 11:30:36 AM	0.3073 V/m	0.2784 V/m	0.2524 V/m
483	08/20/2015 11:30:46 AM	0.3468 V/m	0.3021 V/m	0.2620 V/m
484	08/20/2015 11:30:56 AM	0.3499 V/m	0.2861 V/m	0.2401 V/m
485	08/20/2015 11:31:06 AM	0.3577 V/m	0.2873 V/m	0.2424 V/m
486	08/20/2015 11:31:16 AM	0.3412 V/m	0.2905 V/m	0.2469 V/m
487	08/20/2015 11:31:26 AM	0.3653 V/m	0.2899 V/m	0.2577 V/m
488	08/20/2015 11:31:36 AM	0.3355 V/m	0.2859 V/m	0.2577 V/m
489	08/20/2015 11:31:46 AM	0.3305 V/m	0.2977 V/m	0.2651 V/m
490	08/20/2015 11:31:56 AM	0.3204 V/m	0.2872 V/m	0.2651 V/m
491	08/20/2015 11:32:06 AM	0.3379 V/m	0.2681 V/m	0.2389 V/m
492	08/20/2015 11:32:16 AM	0.3829 V/m	0.2827 V/m	0.2272 V/m
493	08/20/2015 11:32:26 AM	0.3538 V/m	0.2859 V/m	0.2331 V/m
494	08/20/2015 11:32:36 AM	0.3800 V/m	0.2757 V/m	0.2457 V/m

495	08/20/2015 11:32:46 AM	0.3900 V/m	0.3079 V/m	0.2567 V/m
496	08/20/2015 11:32:56 AM	0.3046 V/m	0.2744 V/m	0.2389 V/m
497	08/20/2015 11:33:06 AM	0.3100 V/m	0.2748 V/m	0.2469 V/m
498	08/20/2015 11:33:16 AM	0.3010 V/m	0.2737 V/m	0.2457 V/m
499	08/20/2015 11:33:26 AM	0.3161 V/m	0.2684 V/m	0.2366 V/m
500	08/20/2015 11:33:36 AM	0.3046 V/m	0.2634 V/m	0.2319 V/m
501	08/20/2015 11:33:46 AM	0.3757 V/m	0.3162 V/m	0.2446 V/m
502	08/20/2015 11:33:56 AM	0.3928 V/m	0.3192 V/m	0.2378 V/m
503	08/20/2015 11:34:06 AM	0.2732 V/m	0.2490 V/m	0.2272 V/m
504	08/20/2015 11:34:16 AM	0.3379 V/m	0.2701 V/m	0.2355 V/m
505	08/20/2015 11:34:26 AM	0.3037 V/m	0.2695 V/m	0.2366 V/m
506	08/20/2015 11:34:36 AM	0.3028 V/m	0.2614 V/m	0.2260 V/m
507	08/20/2015 11:34:46 AM	0.3607 V/m	0.2728 V/m	0.2366 V/m
508	08/20/2015 11:34:56 AM	0.2860 V/m	0.2645 V/m	0.2435 V/m
509	08/20/2015 11:35:06 AM	0.3055 V/m	0.2699 V/m	0.2122 V/m
510	08/20/2015 11:35:16 AM	0.3010 V/m	0.2681 V/m	0.2412 V/m
511	08/20/2015 11:35:26 AM	0.2879 V/m	0.2635 V/m	0.2389 V/m
512	08/20/2015 11:35:36 AM	0.2870 V/m	0.2665 V/m	0.2435 V/m
513	08/20/2015 11:35:46 AM	0.3100 V/m	0.2717 V/m	0.2223 V/m
514	08/20/2015 11:35:56 AM	0.3055 V/m	0.2721 V/m	0.2389 V/m
515	08/20/2015 11:36:06 AM	0.3019 V/m	0.2608 V/m	0.2135 V/m
516	08/20/2015 11:36:16 AM	0.3073 V/m	0.2694 V/m	0.2366 V/m
517	08/20/2015 11:36:26 AM	0.2964 V/m	0.2768 V/m	0.2545 V/m
518	08/20/2015 11:36:36 AM	0.3264 V/m	0.2761 V/m	0.2469 V/m
519	08/20/2015 11:36:46 AM	0.2982 V/m	0.2720 V/m	0.2366 V/m
520	08/20/2015 11:36:56 AM	0.3330 V/m	0.2809 V/m	0.2389 V/m
521	08/20/2015 11:37:06 AM	0.3822 V/m	0.2919 V/m	0.2185 V/m
522	08/20/2015 11:37:16 AM	0.3491 V/m	0.2637 V/m	0.2109 V/m
523	08/20/2015 11:37:26 AM	0.3091 V/m	0.2605 V/m	0.2343 V/m
524	08/20/2015 11:37:36 AM	0.2802 V/m	0.2536 V/m	0.2247 V/m
525	08/20/2015 11:37:46 AM	0.3363 V/m	0.2594 V/m	0.2185 V/m
526	08/20/2015 11:37:56 AM	0.3170 V/m	0.2633 V/m	0.2389 V/m
527	08/20/2015 11:38:06 AM	0.2945 V/m	0.2596 V/m	0.2412 V/m
528	08/20/2015 11:38:16 AM	0.3428 V/m	0.2731 V/m	0.2198 V/m
529	08/20/2015 11:38:26 AM	0.3322 V/m	0.2731 V/m	0.2412 V/m
530	08/20/2015 11:38:36 AM	0.3126 V/m	0.2840 V/m	0.2524 V/m
531	08/20/2015 11:38:46 AM	0.2908 V/m	0.2652 V/m	0.2210 V/m
532	08/20/2015 11:38:56 AM	0.3028 V/m	0.2656 V/m	0.2424 V/m
533	08/20/2015 11:39:06 AM	0.2991 V/m	0.2703 V/m	0.2401 V/m
534	08/20/2015 11:39:16 AM	0.3546 V/m	0.2805 V/m	0.2446 V/m
535	08/20/2015 11:39:26 AM	0.3444 V/m	0.2799 V/m	0.2545 V/m
536	08/20/2015 11:39:36 AM	0.2964 V/m	0.2727 V/m	0.2446 V/m
537	08/20/2015 11:39:46 AM	0.3420 V/m	0.2818 V/m	0.2491 V/m
538	08/20/2015 11:39:56 AM	0.3135 V/m	0.2793 V/m	0.2545 V/m
539	08/20/2015 11:40:06 AM	0.3630 V/m	0.2829 V/m	0.2308 V/m
540	08/20/2015 11:40:16 AM	0.3100 V/m	0.2797 V/m	0.2513 V/m
541	08/20/2015 11:40:26 AM	0.2973 V/m	0.2708 V/m	0.2319 V/m
542	08/20/2015 11:40:36 AM	0.3289 V/m	0.2803 V/m	0.2567 V/m
543	08/20/2015 11:40:46 AM	0.2955 V/m	0.2718 V/m	0.2435 V/m
544	08/20/2015 11:40:56 AM	0.3091 V/m	0.2682 V/m	0.2343 V/m
545	08/20/2015 11:41:06 AM	0.3764 V/m	0.2634 V/m	0.1800 V/m
546	08/20/2015 11:41:16 AM	0.2841 V/m	0.2604 V/m	0.2029 V/m
547	08/20/2015 11:41:26 AM	0.3213 V/m	0.2741 V/m	0.2457 V/m
548	08/20/2015 11:41:36 AM	0.2964 V/m	0.2620 V/m	0.2272 V/m
549	08/20/2015 11:41:46 AM	0.3771 V/m	0.2887 V/m	0.2513 V/m
550	08/20/2015 11:41:56 AM	0.2831 V/m	0.2634 V/m	0.2319 V/m
551	08/20/2015 11:42:06 AM	0.2841 V/m	0.2578 V/m	0.2296 V/m
552	08/20/2015 11:42:16 AM	0.2936 V/m	0.2531 V/m	0.2185 V/m
553	08/20/2015 11:42:26 AM	0.3055 V/m	0.2584 V/m	0.2002 V/m
554	08/20/2015 11:42:36 AM	0.3221 V/m	0.2601 V/m	0.2135 V/m
555	08/20/2015 11:42:46 AM	0.3152 V/m	0.2752 V/m	0.2043 V/m
556	08/20/2015 11:42:56 AM	0.3073 V/m	0.2697 V/m	0.2198 V/m
557	08/20/2015 11:43:06 AM	0.3491 V/m	0.2786 V/m	0.2389 V/m

558	08/20/2015 11:43:16 AM	0.3793 V/m	0.2866 V/m	0.2389 V/m
559	08/20/2015 11:43:26 AM	0.3330 V/m	0.2938 V/m	0.2480 V/m
560	08/20/2015 11:43:36 AM	0.3170 V/m	0.2713 V/m	0.2272 V/m
561	08/20/2015 11:43:46 AM	0.3091 V/m	0.2578 V/m	0.2210 V/m
562	08/20/2015 11:43:56 AM	0.3117 V/m	0.2835 V/m	0.2296 V/m
563	08/20/2015 11:44:06 AM	0.2964 V/m	0.2690 V/m	0.2096 V/m
564	08/20/2015 11:44:16 AM	0.3355 V/m	0.2880 V/m	0.2331 V/m
565	08/20/2015 11:44:26 AM	0.3460 V/m	0.3093 V/m	0.2908 V/m
566	08/20/2015 11:44:36 AM	0.3668 V/m	0.3173 V/m	0.2870 V/m
567	08/20/2015 11:44:46 AM	0.3444 V/m	0.3155 V/m	0.2898 V/m
568	08/20/2015 11:44:56 AM	0.3507 V/m	0.3133 V/m	0.2898 V/m
569	08/20/2015 11:45:06 AM	0.3428 V/m	0.3121 V/m	0.2762 V/m
570	08/20/2015 11:45:16 AM	0.3538 V/m	0.3120 V/m	0.2753 V/m
571	08/20/2015 11:45:26 AM	0.3771 V/m	0.3134 V/m	0.2831 V/m
572	08/20/2015 11:45:36 AM	0.3371 V/m	0.3101 V/m	0.2753 V/m
573	08/20/2015 11:45:46 AM	0.3690 V/m	0.3170 V/m	0.2502 V/m
574	08/20/2015 11:45:56 AM	0.3735 V/m	0.3191 V/m	0.2879 V/m
575	08/20/2015 11:46:06 AM	0.3460 V/m	0.3227 V/m	0.3019 V/m
576	08/20/2015 11:46:16 AM	0.3615 V/m	0.3155 V/m	0.2889 V/m
577	08/20/2015 11:46:26 AM	0.3468 V/m	0.3121 V/m	0.2782 V/m
578	08/20/2015 11:46:36 AM	0.3712 V/m	0.3127 V/m	0.2782 V/m
579	08/20/2015 11:46:46 AM	0.3314 V/m	0.3027 V/m	0.2588 V/m
580	08/20/2015 11:46:56 AM	0.2955 V/m	0.2594 V/m	0.2272 V/m
581	08/20/2015 11:47:06 AM	0.3255 V/m	0.2868 V/m	0.2366 V/m
582	08/20/2015 11:47:16 AM	0.3569 V/m	0.3140 V/m	0.2682 V/m
583	08/20/2015 11:47:26 AM	0.3584 V/m	0.3143 V/m	0.2468 V/m
584	08/20/2015 11:47:36 AM	0.3379 V/m	0.3065 V/m	0.2712 V/m
585	08/20/2015 11:47:46 AM	0.3297 V/m	0.3095 V/m	0.2850 V/m
586	08/20/2015 11:47:56 AM	0.3371 V/m	0.3168 V/m	0.2908 V/m
587	08/20/2015 11:48:06 AM	0.3297 V/m	0.3033 V/m	0.2588 V/m
588	08/20/2015 11:48:16 AM	0.3436 V/m	0.3142 V/m	0.2588 V/m
589	08/20/2015 11:48:26 AM	0.3607 V/m	0.3105 V/m	0.2378 V/m
590	08/20/2015 11:48:36 AM	0.3305 V/m	0.2982 V/m	0.2702 V/m
591	08/20/2015 11:48:46 AM	0.3660 V/m	0.3237 V/m	0.2870 V/m
592	08/20/2015 11:48:56 AM	0.3538 V/m	0.3220 V/m	0.2841 V/m
593	08/20/2015 11:49:06 AM	0.3705 V/m	0.3294 V/m	0.2556 V/m
594	08/20/2015 11:49:16 AM	0.3305 V/m	0.2879 V/m	0.2378 V/m
595	08/20/2015 11:49:26 AM	0.3230 V/m	0.2737 V/m	0.2366 V/m
596	08/20/2015 11:49:36 AM	0.2964 V/m	0.2740 V/m	0.2469 V/m
597	08/20/2015 11:49:46 AM	0.3272 V/m	0.2694 V/m	0.2435 V/m
598	08/20/2015 11:49:56 AM	0.3187 V/m	0.2770 V/m	0.2480 V/m
599	08/20/2015 11:50:06 AM	0.2898 V/m	0.2698 V/m	0.2378 V/m
600	08/20/2015 11:50:16 AM	0.3028 V/m	0.2747 V/m	0.2502 V/m
601	08/20/2015 11:50:26 AM	0.3010 V/m	0.2662 V/m	0.2446 V/m
602	08/20/2015 11:50:36 AM	0.3082 V/m	0.2776 V/m	0.2469 V/m
603	08/20/2015 11:50:46 AM	0.3196 V/m	0.2705 V/m	0.2389 V/m
604	08/20/2015 11:50:56 AM	0.2991 V/m	0.2644 V/m	0.2331 V/m
605	08/20/2015 11:51:06 AM	0.2812 V/m	0.2595 V/m	0.2296 V/m
606	08/20/2015 11:51:16 AM	0.2850 V/m	0.2606 V/m	0.2343 V/m
607	08/20/2015 11:51:26 AM	0.2955 V/m	0.2657 V/m	0.2389 V/m
608	08/20/2015 11:51:36 AM	0.2821 V/m	0.2634 V/m	0.2424 V/m
609	08/20/2015 11:51:46 AM	0.2898 V/m	0.2650 V/m	0.2343 V/m
610	08/20/2015 11:51:56 AM	0.2851 V/m	0.2677 V/m	0.2457 V/m
611	08/20/2015 11:52:06 AM	0.2898 V/m	0.2703 V/m	0.2424 V/m
612	08/20/2015 11:52:16 AM	0.3144 V/m	0.2729 V/m	0.2147 V/m
613	08/20/2015 11:52:26 AM	0.3187 V/m	0.2789 V/m	0.2446 V/m
614	08/20/2015 11:52:36 AM	0.3073 V/m	0.2836 V/m	0.2588 V/m
615	08/20/2015 11:52:46 AM	0.3196 V/m	0.2834 V/m	0.2446 V/m
616	08/20/2015 11:52:56 AM	0.3100 V/m	0.2799 V/m	0.2502 V/m
617	08/20/2015 11:53:06 AM	0.2964 V/m	0.2769 V/m	0.2469 V/m
618	08/20/2015 11:53:16 AM	0.3152 V/m	0.2738 V/m	0.2319 V/m
619	08/20/2015 11:53:26 AM	0.3347 V/m	0.2741 V/m	0.2343 V/m
620	08/20/2015 11:53:36 AM	0.3600 V/m	0.2917 V/m	0.2096 V/m

621	08/20/2015 11:53:46 AM	0.3530 V/m	0.3013 V/m	0.2556 V/m
622	08/20/2015 11:53:56 AM	0.3484 V/m	0.2824 V/m	0.1673 V/m
623	08/20/2015 11:54:06 AM	0.3396 V/m	0.2894 V/m	0.2378 V/m
624	08/20/2015 11:54:16 AM	0.3046 V/m	0.2768 V/m	0.2435 V/m
625	08/20/2015 11:54:26 AM	0.3091 V/m	0.2736 V/m	0.2355 V/m
626	08/20/2015 11:54:36 AM	0.3822 V/m	0.2814 V/m	0.1769 V/m
627	08/20/2015 11:54:46 AM	0.3347 V/m	0.2779 V/m	0.2296 V/m
628	08/20/2015 11:54:56 AM	0.3807 V/m	0.3270 V/m	0.2792 V/m
629	08/20/2015 11:55:06 AM	0.3928 V/m	0.3290 V/m	0.2355 V/m
630	08/20/2015 11:55:16 AM	0.6863 V/m	0.3560 V/m	0.2284 V/m
631	08/20/2015 11:55:26 AM	0.3900 V/m	0.3285 V/m	0.2712 V/m
632	08/20/2015 11:55:36 AM	0.3584 V/m	0.3173 V/m	0.2661 V/m
633	08/20/2015 11:55:46 AM	0.3698 V/m	0.3070 V/m	0.2247 V/m
634	08/20/2015 11:55:56 AM	0.3865 V/m	0.2939 V/m	0.2343 V/m
635	08/20/2015 11:56:06 AM	0.3793 V/m	0.3202 V/m	0.2210 V/m
636	08/20/2015 11:56:16 AM	0.3949 V/m	0.3329 V/m	0.2588 V/m
637	08/20/2015 11:56:26 AM	0.3577 V/m	0.3145 V/m	0.2296 V/m
638	08/20/2015 11:56:36 AM	0.3554 V/m	0.3234 V/m	0.2792 V/m
639	08/20/2015 11:56:46 AM	0.3499 V/m	0.3135 V/m	0.2491 V/m
640	08/20/2015 11:56:56 AM	0.3468 V/m	0.2825 V/m	0.1518 V/m
641	08/20/2015 11:57:06 AM	0.3404 V/m	0.2787 V/m	0.2147 V/m
642	08/20/2015 11:57:16 AM	0.3064 V/m	0.2685 V/m	0.2343 V/m
643	08/20/2015 11:57:26 AM	0.3280 V/m	0.2772 V/m	0.2446 V/m
644	08/20/2015 11:57:36 AM	0.3297 V/m	0.2719 V/m	0.2284 V/m
645	08/20/2015 11:57:46 AM	0.3272 V/m	0.2787 V/m	0.2424 V/m
646	08/20/2015 11:57:56 AM	0.3019 V/m	0.2629 V/m	0.2096 V/m
647	08/20/2015 11:58:06 AM	0.3213 V/m	0.2714 V/m	0.2401 V/m
648	08/20/2015 11:58:16 AM	0.3322 V/m	0.2873 V/m	0.2556 V/m
649	08/20/2015 11:58:26 AM	0.2936 V/m	0.2636 V/m	0.2389 V/m
650	08/20/2015 11:58:36 AM	0.3322 V/m	0.2746 V/m	0.2401 V/m
651	08/20/2015 11:58:46 AM	0.2879 V/m	0.2566 V/m	0.2308 V/m
652	08/20/2015 11:58:56 AM	0.3221 V/m	0.2741 V/m	0.2135 V/m
653	08/20/2015 11:59:06 AM	0.3420 V/m	0.2982 V/m	0.2296 V/m
654	08/20/2015 11:59:16 AM	0.3379 V/m	0.2853 V/m	0.2412 V/m
655	08/20/2015 11:59:26 AM	0.3213 V/m	0.2750 V/m	0.2331 V/m
656	08/20/2015 11:59:36 AM	0.3412 V/m	0.2769 V/m	0.2308 V/m
657	08/20/2015 11:59:46 AM	0.2831 V/m	0.2603 V/m	0.1946 V/m
658	08/20/2015 11:59:56 AM	0.2898 V/m	0.2583 V/m	0.2160 V/m
659	08/20/2015 12:00:06 PM	0.2889 V/m	0.2603 V/m	0.2319 V/m
660	08/20/2015 12:00:16 PM	0.3238 V/m	0.2717 V/m	0.2343 V/m
661	08/20/2015 12:00:26 PM	0.3055 V/m	0.2601 V/m	0.2260 V/m
662	08/20/2015 12:00:36 PM	0.3064 V/m	0.2683 V/m	0.2343 V/m
663	08/20/2015 12:00:46 PM	0.3247 V/m	0.2866 V/m	0.2319 V/m
664	08/20/2015 12:00:56 PM	0.3412 V/m	0.2982 V/m	0.2355 V/m
665	08/20/2015 12:01:06 PM	0.3460 V/m	0.3076 V/m	0.2577 V/m
666	08/20/2015 12:01:16 PM	0.3460 V/m	0.3014 V/m	0.1830 V/m
667	08/20/2015 12:01:26 PM	0.3484 V/m	0.3065 V/m	0.2122 V/m
668	08/20/2015 12:01:36 PM	0.3396 V/m	0.2851 V/m	0.1946 V/m
669	08/20/2015 12:01:46 PM	0.3247 V/m	0.2701 V/m	0.1904 V/m
670	08/20/2015 12:01:56 PM	0.3187 V/m	0.2730 V/m	0.1974 V/m
671	08/20/2015 12:02:06 PM	0.2992 V/m	0.2635 V/m	0.2260 V/m
672	08/20/2015 12:02:16 PM	0.3126 V/m	0.2607 V/m	0.2272 V/m
673	08/20/2015 12:02:26 PM	0.2879 V/m	0.2646 V/m	0.2378 V/m
674	08/20/2015 12:02:36 PM	0.3230 V/m	0.2732 V/m	0.2069 V/m
675	08/20/2015 12:02:46 PM	0.3255 V/m	0.2651 V/m	0.2147 V/m
676	08/20/2015 12:02:56 PM	0.2982 V/m	0.2622 V/m	0.1974 V/m
677	08/20/2015 12:03:06 PM	0.3281 V/m	0.2983 V/m	0.2502 V/m
678	08/20/2015 12:03:16 PM	0.3322 V/m	0.2777 V/m	0.2260 V/m
679	08/20/2015 12:03:26 PM	0.3289 V/m	0.2931 V/m	0.2135 V/m
680	08/20/2015 12:03:36 PM	0.3272 V/m	0.2783 V/m	0.2056 V/m
681	08/20/2015 12:03:46 PM	0.3330 V/m	0.2830 V/m	0.2235 V/m
682	08/20/2015 12:03:56 PM	0.2831 V/m	0.2562 V/m	0.2247 V/m
683	08/20/2015 12:04:06 PM	0.2889 V/m	0.2596 V/m	0.2331 V/m

684	08/20/2015 12:04:16 PM	0.2927 V/m	0.2616 V/m	0.2343 V/m
685	08/20/2015 12:04:26 PM	0.2851 V/m	0.2525 V/m	0.2260 V/m
686	08/20/2015 12:04:36 PM	0.2762 V/m	0.2519 V/m	0.2296 V/m
687	08/20/2015 12:04:46 PM	0.2860 V/m	0.2629 V/m	0.2401 V/m
688	08/20/2015 12:04:56 PM	0.2782 V/m	0.2587 V/m	0.2296 V/m
689	08/20/2015 12:05:06 PM	0.3339 V/m	0.2881 V/m	0.2588 V/m
690	08/20/2015 12:05:16 PM	0.2945 V/m	0.2677 V/m	0.2389 V/m
691	08/20/2015 12:05:26 PM	0.2792 V/m	0.2586 V/m	0.2223 V/m
692	08/20/2015 12:05:36 PM	0.3404 V/m	0.2639 V/m	0.2308 V/m
693	08/20/2015 12:05:46 PM	0.2879 V/m	0.2659 V/m	0.2319 V/m
694	08/20/2015 12:05:56 PM	0.3230 V/m	0.2608 V/m	0.2331 V/m
695	08/20/2015 12:06:06 PM	0.2752 V/m	0.2527 V/m	0.2210 V/m
696	08/20/2015 12:06:16 PM	0.2831 V/m	0.2604 V/m	0.2378 V/m
697	08/20/2015 12:06:26 PM	0.2712 V/m	0.2564 V/m	0.2308 V/m
698	08/20/2015 12:06:36 PM	0.2782 V/m	0.2563 V/m	0.2260 V/m
699	08/20/2015 12:06:46 PM	0.2841 V/m	0.2621 V/m	0.2412 V/m
700	08/20/2015 12:06:56 PM	0.2860 V/m	0.2643 V/m	0.2378 V/m
701	08/20/2015 12:07:06 PM	0.2991 V/m	0.2638 V/m	0.2308 V/m
702	08/20/2015 12:07:16 PM	0.2870 V/m	0.2492 V/m	0.2247 V/m
703	08/20/2015 12:07:26 PM	0.2812 V/m	0.2514 V/m	0.1932 V/m
704	08/20/2015 12:07:36 PM	0.2850 V/m	0.2546 V/m	0.2247 V/m
705	08/20/2015 12:07:46 PM	0.2850 V/m	0.2627 V/m	0.2308 V/m
706	08/20/2015 12:07:56 PM	0.3255 V/m	0.2824 V/m	0.2272 V/m
707	08/20/2015 12:08:06 PM	0.3082 V/m	0.2612 V/m	0.2235 V/m
708	08/20/2015 12:08:16 PM	0.2772 V/m	0.2474 V/m	0.2185 V/m
709	08/20/2015 12:08:26 PM	0.2973 V/m	0.2613 V/m	0.2272 V/m
710	08/20/2015 12:08:36 PM	0.2927 V/m	0.2639 V/m	0.2272 V/m
711	08/20/2015 12:08:46 PM	0.3546 V/m	0.2864 V/m	0.2491 V/m
712	08/20/2015 12:08:56 PM	0.3347 V/m	0.2763 V/m	0.2319 V/m
713	08/20/2015 12:09:06 PM	0.4086 V/m	0.3248 V/m	0.2545 V/m
714	08/20/2015 12:09:16 PM	0.2964 V/m	0.2693 V/m	0.2135 V/m
715	08/20/2015 12:09:26 PM	0.2908 V/m	0.2718 V/m	0.2424 V/m
716	08/20/2015 12:09:36 PM	0.3963 V/m	0.3259 V/m	0.2577 V/m
717	08/20/2015 12:09:46 PM	0.4004 V/m	0.3708 V/m	0.3001 V/m
718	08/20/2015 12:09:56 PM	0.4146 V/m	0.3628 V/m	0.2378 V/m
719	08/20/2015 12:10:06 PM	0.4052 V/m	0.3647 V/m	0.2879 V/m
720	08/20/2015 12:10:16 PM	0.4092 V/m	0.3738 V/m	0.3046 V/m

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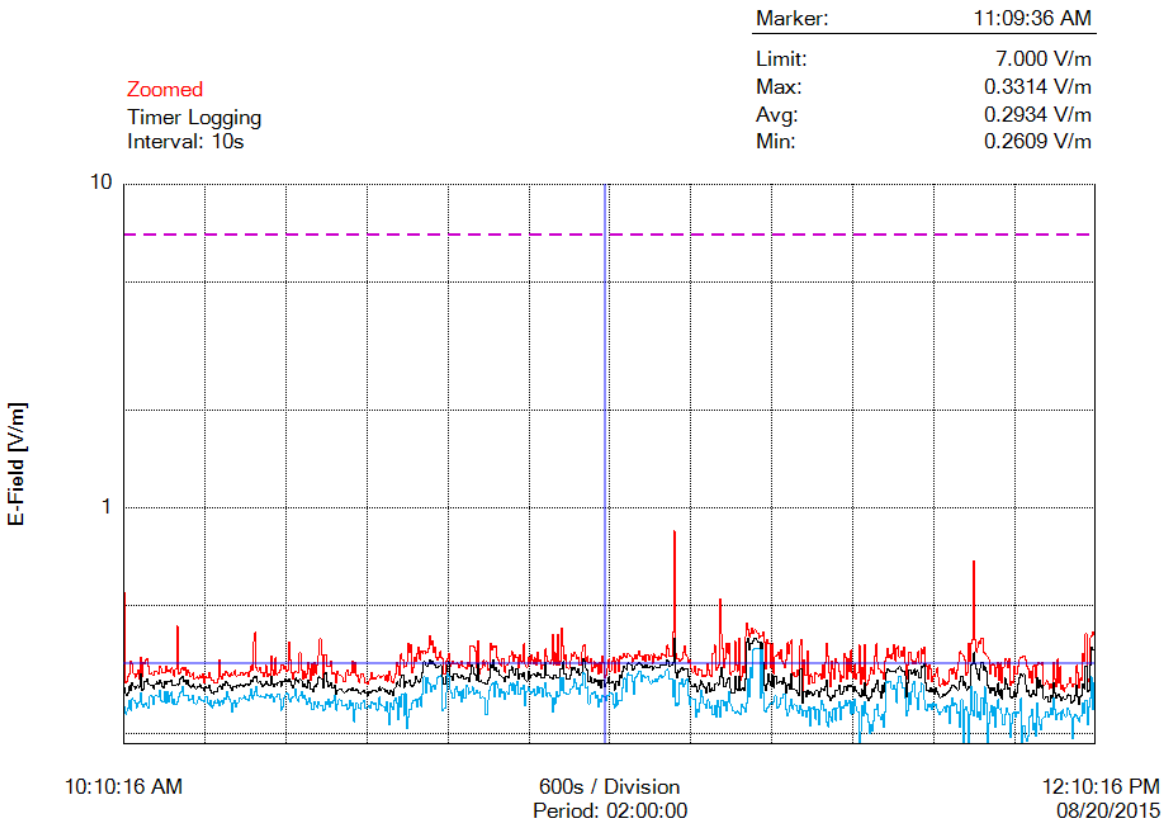
Graph



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Parameters

Number of Sub Indices	720
Storing Date	08/20/2015
Storing Time	10:10:16 AM
Dataset Type	TIM
Voice Comment Available	NO
Dataset Fine Type	T1
GPS Flag	NO
Device Product Name	NBM-550
Device Serial Number	B-0507
Device Cal Due Date	06/10/2017
Probe Product Name	EF0391
Probe Serial Number	A-0636
Probe Cal Due Date	06/15/2017
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 północno-zachodnim

Fot.2. Rejon badań, widok w kierunku zabudowy przy ul. J.U. Niemcewicza

Fot.3. Rejon badań, widok w kierunku południowo-zachodnim

Fot.4. Przyrząd pomiarowy w trakcie prowadzonego badania

BĘDZIN

Oznaczenia:

- P-2 – punkt pomiarowy poziomów pól elektromagnetycznych w środowisku

Ryc. Szkic sytuacyjny rejonu badań.