



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



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AB 480

**SPRAWOZDANIE Z BADAŃ NR 1818/2014**

Nr sprawy:

LC.7071.39.2014

Porozumienie Nr:

01/2012

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 7 października 2014 r.**

**na terenie zabudowy mieszkaniowej,**

**w**

**CZĘSTOCHOWIE**

**Gmina M. Częstochowa**

**Powiat m. Częstochowa**

**Dzielnica - Śródmieście**

**województwo śląskie**

Wyniki badań dotyczą tylko badanego obiektu.

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

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

**Wykonujący badania:**

**1. Agnieszka Turek – Specjalista**

**Osoba autoryzująca sprawozdanie:**

*Pieczęć i podpis*

**Zatwierdził:**

*Pieczęć i podpis*

**Częstochowa, 15.12.2014**

## 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 01/2012 Wydziału Monitoringu Środowiska WIOŚ w Katowicach z Laboratorium WIOŚ w Częstochowie, 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, położonej w Częstochowie, Gmina M. Częstochowa, Powiat m. Częstochowa, w części centralnej miasta, w rozumieniu wytycznych Rozporządzenia Ministra Środowiska z dnia 12 listopada 2007 r. (Dz. U. Nr 221, Poz. 1645), w ramach programu Państwowego Monitoringu Środowiska, 2014 rok.

## 3. TEREN BADAŃ

Punkt pomiarowy P-4 poziomów pól elektromagnetycznych w środowisku zlokalizowano w granicach administracyjnych miasta Częstochowa, w ścisłym centrum, przy ul. Partyzantów. Zgodnie z obowiązującym Rozporządzeniem wysokość posadowienia sondy pomiarowej wyniosła h: 2 m n.p.t. W sąsiedztwie punktu pomiarowego zagospodarowanie terenu stanowi kilkukondygnacyjna zabudowa mieszkaniowa wielorodzinna oraz obiekty rekreacyjno – sportowe. Najbliższy obiekt budowlany – trzykondygnacyjny budynek mieszkalny wielorodzinny znajduje się w kierunku południowym w odległości 45 m od P-1. Pięciokondygnacyjne budynki mieszkalne znajdują się w kierunku północnym za al. Jana Pawła II, w odległości od 69 m od punktu pomiarowego. W kierunku zachodnim punkt pomiarowy sąsiaduje z boiskiem sportowym „Orlik”. W promieniu  $d \leq 300$  m od punktu pomiarowego nie znajdują się żadne instalacje radiokomunikacyjne, radiolokacyjne, radionawigacyjne, emitujące pola elektromagnetyczne do środowiska.

Klasyfikacja rodzaju terenu wg wytycznych przedmiotowego Rozporządzenia:

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

Nomenklatura jednostki terytorialnej (NTS):

*Częstochowa 5.24.31.64.01.1*

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

*N 50° 49' 00,2"*

*E 19° 6' 22,7";*

Wysokość lokalizacji punktu pomiarowego:

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

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

$l = 45 [m]$  - od elewacji budynku mieszkalnego wielorodzinnego przy ul. Partyzantów 17

Lokalizacja punktu pomiarowego – pas zieleni pomiędzy chodnikiem przy ul. Jana Pawła II a parkingiem samochodowym przy ul. Partyzantów.

#### 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 profesjonalnej automatycznej stacji meteorologicznej MAWS – 201C, Vaisala, Finlandia;

Szczegółowe dane identyfikacyjne przyrządów przedstawiono w tabeli poniżej:

**Tabela 1**

Pomiary poziomów pól elektromagnetycznych częstotliwości 100 kHz – 3 GHz (składowej elektrycznej) w środowisku		Pomiary warunków meteorologicznych w środowisku	
Przyrząd pomiarowy	Typ: Broadband Field Meter NBM-550 P/N: 2401/01 S/N: B-0507 Producent: Narda Safety Test Solutions GmbH, Niemcy;	Przyrząd pomiarowy	Typ: MAWS – 201C S. no.: G131055 Producent: Vaisala, Finlandia
Sonda pomiarowa	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)		
Data i czasokres pomiarów	07-10-2014 r.	Wyniki pomiarów:	
	11:21:28–01:21:18	T [°C]	16,9 – 18,2
		RH [ % ]	46,3 – 51,5

Częstotliwość próbkowania	f: 10 sec.	UWAGI: Pogodnie; Brak opadów atmosferycznych
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Gdzie:

- T – temperatura powietrza w [ $^{\circ}$ C];  
RH – wilgotność względna powietrza w [%].

Zastosowany przyrząd pomiarowy poziomów pól oraz sonda pomiarowa poziomów pól posiadają stosowne *świadcstwa wzorcowania*, tj.:

- Narda Broadband Field Meter NBM-550, P/N 2401/01, S/N B-0507:
  - *Świadcstwo Wzorcowania* nr: LWiMP/W/141/14 z dnia 17 lipca 2014 r., wydane przez Laboratorium Wzorców i Metrologii Pola Elektromagnetycznego (LWiMP) Instytut Telekomunikacji, Teleinformatyki i Akustyki, Politechnika Wrocławska;
- Probe EF0391, *E-Field*, P/N 2402/01, S/N A-0636:
  - *Świadcstwo Wzorcowania* nr: LWiMP/W/141/14 z dnia 17 lipca 2014 r., wydane przez Laboratorium Wzorców i Metrologii Pola Elektromagnetycznego (LWiMP) Instytut Telekomunikacji, Teleinformatyki i Akustyki, Politechnika Wrocławska;
- Automatyeczna stacja meteorologiczna MAWS – 201C, Vaisala, Finlandia, s. no. G131055:

*Świadcstwa 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, RADIOŁOKACYJNYCH, RADIONAWIGACYJNYCH REJONU BADAŃ PÓL ELEKTROMAGNETYCZNYCH <sup>\*)</sup> (w rozumieniu wymagań przedmiotowego Rozporządzenia)**

Nie dotyczy. W promieniu  $d \leq 300$  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**

<b>Lp.</b>	<b>Punkt pomiarowy poziomów pól elektromagnetycznych w środowisku</b>	<b>Natężenie pola elektrycznego <math>E^{**})</math> [V/m]</b>	<b>Niepewność pomiaru <math>U_{E,0,95}</math> [V/m]</b>
<b>1.</b>	<b>P-1 ul. Partyzantów Dzielnica - Centrum Miasto – Częstochowa</b>	<b>0,30<sup>***)</sup></b>	<b>± 0,075</b>

*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,

$E = 0,30$  [V/m]<sup>\*\*\*)</sup> - 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**

## Test Report

Meter	Probe	
Model: NBM-550 S/N: B-0507	Model: EF0391 S/N: A-0636	
Calibration Due Date 08/12/2015	Calibration Due Date 07/30/2015	

Site	Coordinates
P-1, ul. Partyzantów Częstochowa Gmina M. Częstochowa Powiat m. Częstochowa Dzielnica - Śródmieście województwo - śląskie	Latitude: 50°49'00.2" N Longitude: 19°06'22.7" E

Comment
Pomiary poziomów pól elektromagnetycznych 100 kHz - 3 GHz (składowej elektrycznej E) w środowisku; 07.10.2014 r., Częstochowa m.n.p.p., woj. śląskie; Ryc. Wykres zależności zmian natężenia składowej elektrycznej pola w funkcji czasu, marker - wartość średnia max elementarna interwału dT: 10 sec, w przedziale czasokresu obserwacji T: 2.00 h, w środowisku; Program Państwowego Monitoringu Środowiska 2014 rok.

**Zoomed**

Timer: Start Time 11:21:18 AM, Period 2h 0' 0", Interval 10s

Index	Date/Time	Zero	Max (E-Field)	Avg (E-Field)	Min (E-Field)
1	10/07/2014 11:21:28 AM		0.5842 V/m	0.3297 V/m	0.1932 V/m
2	10/07/2014 11:21:38 AM		0.3815 V/m	0.2949 V/m	0.2284 V/m
3	10/07/2014 11:21:48 AM		0.3161 V/m	0.2897 V/m	0.2661 V/m
4	10/07/2014 11:21:58 AM		0.3170 V/m	0.2857 V/m	0.2567 V/m
5	10/07/2014 11:22:08 AM		0.3135 V/m	0.2894 V/m	0.2577 V/m
6	10/07/2014 11:22:18 AM		0.3117 V/m	0.2853 V/m	0.2567 V/m
7	10/07/2014 11:22:28 AM		0.3204 V/m	0.2850 V/m	0.2640 V/m
8	10/07/2014 11:22:38 AM		0.3117 V/m	0.2967 V/m	0.2702 V/m
9	10/07/2014 11:22:48 AM		0.3055 V/m	0.2812 V/m	0.2545 V/m
10	10/07/2014 11:22:58 AM		0.3064 V/m	0.2784 V/m	0.2424 V/m
11	10/07/2014 11:23:08 AM		0.3082 V/m	0.2819 V/m	0.2491 V/m
12	10/07/2014 11:23:18 AM		0.3196 V/m	0.2783 V/m	0.2513 V/m
13	10/07/2014 11:23:28 AM		0.3108 V/m	0.2742 V/m	0.2435 V/m
14	10/07/2014 11:23:38 AM		0.3055 V/m	0.2787 V/m	0.2524 V/m
15	10/07/2014 11:23:48 AM		0.3178 V/m	0.2752 V/m	0.2524 V/m
16	10/07/2014 11:23:58 AM		0.3152 V/m	0.2896 V/m	0.2732 V/m
17	10/07/2014 11:24:08 AM		0.3028 V/m	0.2843 V/m	0.2599 V/m
18	10/07/2014 11:24:18 AM		0.3091 V/m	0.2791 V/m	0.2599 V/m
19	10/07/2014 11:24:28 AM		0.3126 V/m	0.2826 V/m	0.2545 V/m
20	10/07/2014 11:24:38 AM		0.3126 V/m	0.2877 V/m	0.2640 V/m
21	10/07/2014 11:24:48 AM		0.3064 V/m	0.2853 V/m	0.2651 V/m
22	10/07/2014 11:24:58 AM		0.3126 V/m	0.2874 V/m	0.2671 V/m
23	10/07/2014 11:25:08 AM		0.3100 V/m	0.2888 V/m	0.2732 V/m
24	10/07/2014 11:25:18 AM		0.3264 V/m	0.2987 V/m	0.2732 V/m
25	10/07/2014 11:25:28 AM		0.3161 V/m	0.2914 V/m	0.2671 V/m
26	10/07/2014 11:25:38 AM		0.3037 V/m	0.2790 V/m	0.2534 V/m
27	10/07/2014 11:25:48 AM		0.3178 V/m	0.2796 V/m	0.2412 V/m
28	10/07/2014 11:25:58 AM		0.3161 V/m	0.2956 V/m	0.2671 V/m
29	10/07/2014 11:26:08 AM		0.3221 V/m	0.2965 V/m	0.2692 V/m
30	10/07/2014 11:26:18 AM		0.3247 V/m	0.2924 V/m	0.2651 V/m
31	10/07/2014 11:26:28 AM		0.3187 V/m	0.2917 V/m	0.2620 V/m
32	10/07/2014 11:26:38 AM		0.3247 V/m	0.2982 V/m	0.2671 V/m
33	10/07/2014 11:26:48 AM		0.3196 V/m	0.2956 V/m	0.2752 V/m
34	10/07/2014 11:26:58 AM		0.3196 V/m	0.2939 V/m	0.2682 V/m
35	10/07/2014 11:27:08 AM		0.3170 V/m	0.2974 V/m	0.2671 V/m
36	10/07/2014 11:27:18 AM		0.3230 V/m	0.2966 V/m	0.2702 V/m
37	10/07/2014 11:27:28 AM		0.3280 V/m	0.2950 V/m	0.2651 V/m
38	10/07/2014 11:27:38 AM		0.3221 V/m	0.2893 V/m	0.2599 V/m
39	10/07/2014 11:27:48 AM		0.3264 V/m	0.2970 V/m	0.2762 V/m
40	10/07/2014 11:27:58 AM		0.3126 V/m	0.2898 V/m	0.2630 V/m
41	10/07/2014 11:28:08 AM		0.3144 V/m	0.2868 V/m	0.2524 V/m
42	10/07/2014 11:28:18 AM		0.3170 V/m	0.2933 V/m	0.2620 V/m
43	10/07/2014 11:28:28 AM		0.3187 V/m	0.2980 V/m	0.2792 V/m
44	10/07/2014 11:28:38 AM		0.3230 V/m	0.2980 V/m	0.2412 V/m
45	10/07/2014 11:28:48 AM		0.3264 V/m	0.3020 V/m	0.2722 V/m
46	10/07/2014 11:28:58 AM		0.3255 V/m	0.2988 V/m	0.2630 V/m
47	10/07/2014 11:29:08 AM		0.3221 V/m	0.2956 V/m	0.2742 V/m
48	10/07/2014 11:29:18 AM		0.3289 V/m	0.2955 V/m	0.2671 V/m
49	10/07/2014 11:29:28 AM		0.3196 V/m	0.2931 V/m	0.2722 V/m
50	10/07/2014 11:29:38 AM		0.3091 V/m	0.2877 V/m	0.2651 V/m
51	10/07/2014 11:29:48 AM		0.3028 V/m	0.2829 V/m	0.2556 V/m
52	10/07/2014 11:29:58 AM		0.3161 V/m	0.2883 V/m	0.2651 V/m
53	10/07/2014 11:30:08 AM		0.3161 V/m	0.2948 V/m	0.2702 V/m
54	10/07/2014 11:30:18 AM		0.3135 V/m	0.2951 V/m	0.2742 V/m
55	10/07/2014 11:30:28 AM		0.3204 V/m	0.2929 V/m	0.2682 V/m
56	10/07/2014 11:30:38 AM		0.3152 V/m	0.2915 V/m	0.2722 V/m



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57	10/07/2014 11:30:48 AM	0.3247 V/m	0.2954 V/m	0.2672 V/m
58	10/07/2014 11:30:58 AM	0.3135 V/m	0.2916 V/m	0.2599 V/m
59	10/07/2014 11:31:08 AM	0.3280 V/m	0.2997 V/m	0.2712 V/m
60	10/07/2014 11:31:18 AM	0.3452 V/m	0.3087 V/m	0.2879 V/m
61	10/07/2014 11:31:28 AM	0.5048 V/m	0.3330 V/m	0.2908 V/m
62	10/07/2014 11:31:38 AM	0.4938 V/m	0.3301 V/m	0.2812 V/m
63	10/07/2014 11:31:48 AM	0.3144 V/m	0.2936 V/m	0.2692 V/m
64	10/07/2014 11:31:58 AM	0.3238 V/m	0.2976 V/m	0.2692 V/m
65	10/07/2014 11:32:08 AM	0.3314 V/m	0.3056 V/m	0.2812 V/m
66	10/07/2014 11:32:18 AM	0.3660 V/m	0.2953 V/m	0.2355 V/m
67	10/07/2014 11:32:28 AM	0.3152 V/m	0.2920 V/m	0.2742 V/m
68	10/07/2014 11:32:38 AM	0.3108 V/m	0.2913 V/m	0.2712 V/m
69	10/07/2014 11:32:48 AM	0.3187 V/m	0.3004 V/m	0.2712 V/m
70	10/07/2014 11:32:58 AM	0.3347 V/m	0.3034 V/m	0.2692 V/m
71	10/07/2014 11:33:08 AM	0.3264 V/m	0.3012 V/m	0.2802 V/m
72	10/07/2014 11:33:18 AM	0.3420 V/m	0.3009 V/m	0.2722 V/m
73	10/07/2014 11:33:28 AM	0.5161 V/m	0.3393 V/m	0.2812 V/m
74	10/07/2014 11:33:38 AM	0.4960 V/m	0.3142 V/m	0.2692 V/m
75	10/07/2014 11:33:48 AM	0.3338 V/m	0.3034 V/m	0.2733 V/m
76	10/07/2014 11:33:58 AM	0.3338 V/m	0.3050 V/m	0.2802 V/m
77	10/07/2014 11:34:08 AM	0.3412 V/m	0.3063 V/m	0.2772 V/m
78	10/07/2014 11:34:18 AM	0.3247 V/m	0.3054 V/m	0.2782 V/m
79	10/07/2014 11:34:28 AM	0.3371 V/m	0.3042 V/m	0.2722 V/m
80	10/07/2014 11:34:38 AM	0.3055 V/m	0.2865 V/m	0.2556 V/m
81	10/07/2014 11:34:48 AM	0.2898 V/m	0.2765 V/m	0.2588 V/m
82	10/07/2014 11:34:58 AM	0.4910 V/m	0.3462 V/m	0.2577 V/m
83	10/07/2014 11:35:08 AM	0.3178 V/m	0.2936 V/m	0.2682 V/m
84	10/07/2014 11:35:18 AM	0.3264 V/m	0.3016 V/m	0.2692 V/m
85	10/07/2014 11:35:28 AM	0.3387 V/m	0.3020 V/m	0.2682 V/m
86	10/07/2014 11:35:38 AM	0.3135 V/m	0.2909 V/m	0.2661 V/m
87	10/07/2014 11:35:48 AM	0.3108 V/m	0.2875 V/m	0.2577 V/m
88	10/07/2014 11:35:58 AM	0.3100 V/m	0.2896 V/m	0.2630 V/m
89	10/07/2014 11:36:08 AM	0.3019 V/m	0.2856 V/m	0.2534 V/m
90	10/07/2014 11:36:18 AM	0.2945 V/m	0.2757 V/m	0.2588 V/m
91	10/07/2014 11:36:28 AM	0.3010 V/m	0.2777 V/m	0.2588 V/m
92	10/07/2014 11:36:38 AM	0.3001 V/m	0.2822 V/m	0.2599 V/m
93	10/07/2014 11:36:48 AM	0.3028 V/m	0.2808 V/m	0.2534 V/m
94	10/07/2014 11:36:58 AM	0.3178 V/m	0.2919 V/m	0.2524 V/m
95	10/07/2014 11:37:08 AM	0.3238 V/m	0.3020 V/m	0.2702 V/m
96	10/07/2014 11:37:18 AM	0.3152 V/m	0.2923 V/m	0.2599 V/m
97	10/07/2014 11:37:28 AM	0.3055 V/m	0.2831 V/m	0.2577 V/m
98	10/07/2014 11:37:38 AM	0.3064 V/m	0.2875 V/m	0.2742 V/m
99	10/07/2014 11:37:48 AM	0.3100 V/m	0.2896 V/m	0.2640 V/m
100	10/07/2014 11:37:58 AM	0.3108 V/m	0.2865 V/m	0.2588 V/m
101	10/07/2014 11:38:08 AM	0.3028 V/m	0.2771 V/m	0.2457 V/m
102	10/07/2014 11:38:18 AM	0.3444 V/m	0.3054 V/m	0.2524 V/m
103	10/07/2014 11:38:28 AM	0.3196 V/m	0.2954 V/m	0.2702 V/m
104	10/07/2014 11:38:38 AM	0.3196 V/m	0.2915 V/m	0.2661 V/m
105	10/07/2014 11:38:48 AM	0.3028 V/m	0.2858 V/m	0.2620 V/m
106	10/07/2014 11:38:58 AM	0.3126 V/m	0.2902 V/m	0.2609 V/m
107	10/07/2014 11:39:08 AM	0.3178 V/m	0.2882 V/m	0.2630 V/m
108	10/07/2014 11:39:18 AM	0.3091 V/m	0.2906 V/m	0.2732 V/m
109	10/07/2014 11:39:28 AM	0.5437 V/m	0.3698 V/m	0.2682 V/m
110	10/07/2014 11:39:38 AM	0.3144 V/m	0.2993 V/m	0.2802 V/m
111	10/07/2014 11:39:48 AM	0.3161 V/m	0.2894 V/m	0.2620 V/m
112	10/07/2014 11:39:58 AM	0.3161 V/m	0.2901 V/m	0.2577 V/m
113	10/07/2014 11:40:08 AM	0.3507 V/m	0.3078 V/m	0.2651 V/m
114	10/07/2014 11:40:18 AM	0.3178 V/m	0.2943 V/m	0.2692 V/m
115	10/07/2014 11:40:28 AM	0.3247 V/m	0.2911 V/m	0.2640 V/m
116	10/07/2014 11:40:38 AM	0.3238 V/m	0.3003 V/m	0.2821 V/m
117	10/07/2014 11:40:48 AM	0.3144 V/m	0.2914 V/m	0.2641 V/m
118	10/07/2014 11:40:58 AM	0.3100 V/m	0.2855 V/m	0.2534 V/m
119	10/07/2014 11:41:08 AM	0.3100 V/m	0.2864 V/m	0.2491 V/m





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120	10/07/2014 11:41:18 AM	0.2955 V/m	0.2767 V/m	0.2480 V/m
121	10/07/2014 11:41:28 AM	0.3010 V/m	0.2841 V/m	0.2545 V/m
122	10/07/2014 11:41:38 AM	0.3046 V/m	0.2773 V/m	0.2524 V/m
123	10/07/2014 11:41:48 AM	0.2964 V/m	0.2767 V/m	0.2599 V/m
124	10/07/2014 11:41:58 AM	0.2982 V/m	0.2741 V/m	0.2469 V/m
125	10/07/2014 11:42:08 AM	0.2945 V/m	0.2751 V/m	0.2513 V/m
126	10/07/2014 11:42:18 AM	0.3037 V/m	0.2811 V/m	0.2630 V/m
127	10/07/2014 11:42:28 AM	0.3001 V/m	0.2841 V/m	0.2599 V/m
128	10/07/2014 11:42:38 AM	0.3161 V/m	0.2865 V/m	0.2620 V/m
129	10/07/2014 11:42:48 AM	0.3152 V/m	0.2847 V/m	0.2556 V/m
130	10/07/2014 11:42:58 AM	0.2991 V/m	0.2793 V/m	0.2630 V/m
131	10/07/2014 11:43:08 AM	0.3230 V/m	0.2951 V/m	0.2692 V/m
132	10/07/2014 11:43:18 AM	0.3108 V/m	0.2876 V/m	0.2599 V/m
133	10/07/2014 11:43:28 AM	0.3019 V/m	0.2848 V/m	0.2534 V/m
134	10/07/2014 11:43:38 AM	0.3037 V/m	0.2852 V/m	0.2630 V/m
135	10/07/2014 11:43:48 AM	0.3170 V/m	0.2885 V/m	0.2457 V/m
136	10/07/2014 11:43:58 AM	0.3161 V/m	0.2910 V/m	0.2762 V/m
137	10/07/2014 11:44:08 AM	0.3187 V/m	0.2973 V/m	0.2672 V/m
138	10/07/2014 11:44:18 AM	0.3170 V/m	0.2912 V/m	0.2661 V/m
139	10/07/2014 11:44:28 AM	0.3230 V/m	0.3013 V/m	0.2782 V/m
140	10/07/2014 11:44:38 AM	0.3161 V/m	0.2959 V/m	0.2702 V/m
141	10/07/2014 11:44:48 AM	0.3247 V/m	0.2992 V/m	0.2743 V/m
142	10/07/2014 11:44:58 AM	0.3170 V/m	0.3031 V/m	0.2860 V/m
143	10/07/2014 11:45:08 AM	0.3314 V/m	0.3038 V/m	0.2821 V/m
144	10/07/2014 11:45:18 AM	0.3196 V/m	0.3026 V/m	0.2841 V/m
145	10/07/2014 11:45:28 AM	0.3213 V/m	0.2986 V/m	0.2661 V/m
146	10/07/2014 11:45:38 AM	0.3204 V/m	0.2969 V/m	0.2782 V/m
147	10/07/2014 11:45:48 AM	0.3339 V/m	0.3132 V/m	0.2879 V/m
148	10/07/2014 11:45:58 AM	0.3221 V/m	0.3036 V/m	0.2792 V/m
149	10/07/2014 11:46:08 AM	0.3135 V/m	0.2953 V/m	0.2661 V/m
150	10/07/2014 11:46:18 AM	0.3289 V/m	0.3066 V/m	0.2879 V/m
151	10/07/2014 11:46:28 AM	0.3297 V/m	0.3059 V/m	0.2743 V/m
152	10/07/2014 11:46:38 AM	0.3330 V/m	0.3059 V/m	0.2802 V/m
153	10/07/2014 11:46:48 AM	0.3196 V/m	0.2940 V/m	0.2702 V/m
154	10/07/2014 11:46:58 AM	0.3178 V/m	0.2966 V/m	0.2732 V/m
155	10/07/2014 11:47:08 AM	0.3247 V/m	0.3031 V/m	0.2742 V/m
156	10/07/2014 11:47:18 AM	0.3196 V/m	0.3044 V/m	0.2753 V/m
157	10/07/2014 11:47:28 AM	0.3170 V/m	0.2975 V/m	0.2753 V/m
158	10/07/2014 11:47:38 AM	0.3178 V/m	0.2932 V/m	0.2692 V/m
159	10/07/2014 11:47:48 AM	0.3126 V/m	0.2917 V/m	0.2712 V/m
160	10/07/2014 11:47:58 AM	0.3187 V/m	0.2942 V/m	0.2712 V/m
161	10/07/2014 11:48:08 AM	0.3230 V/m	0.2872 V/m	0.2630 V/m
162	10/07/2014 11:48:18 AM	0.3135 V/m	0.2873 V/m	0.2651 V/m
163	10/07/2014 11:48:28 AM	0.3428 V/m	0.2970 V/m	0.2772 V/m
164	10/07/2014 11:48:38 AM	0.3339 V/m	0.2965 V/m	0.2712 V/m
165	10/07/2014 11:48:48 AM	0.3170 V/m	0.2883 V/m	0.2692 V/m
166	10/07/2014 11:48:58 AM	0.3135 V/m	0.3004 V/m	0.2821 V/m
167	10/07/2014 11:49:08 AM	0.3117 V/m	0.2954 V/m	0.2682 V/m
168	10/07/2014 11:49:18 AM	0.3297 V/m	0.3101 V/m	0.2762 V/m
169	10/07/2014 11:49:28 AM	0.3396 V/m	0.3092 V/m	0.2802 V/m
170	10/07/2014 11:49:38 AM	0.3213 V/m	0.3061 V/m	0.2802 V/m
171	10/07/2014 11:49:48 AM	0.3338 V/m	0.3034 V/m	0.2841 V/m
172	10/07/2014 11:49:58 AM	0.3314 V/m	0.3096 V/m	0.2850 V/m
173	10/07/2014 11:50:08 AM	0.3161 V/m	0.2976 V/m	0.2651 V/m
174	10/07/2014 11:50:18 AM	0.3144 V/m	0.2945 V/m	0.2671 V/m
175	10/07/2014 11:50:28 AM	0.3238 V/m	0.2974 V/m	0.2762 V/m
176	10/07/2014 11:50:38 AM	0.3117 V/m	0.2887 V/m	0.2630 V/m
177	10/07/2014 11:50:48 AM	0.3305 V/m	0.3001 V/m	0.2733 V/m
178	10/07/2014 11:50:58 AM	0.3330 V/m	0.3009 V/m	0.2762 V/m
179	10/07/2014 11:51:08 AM	0.3305 V/m	0.3007 V/m	0.2733 V/m
180	10/07/2014 11:51:18 AM	0.3289 V/m	0.3065 V/m	0.2917 V/m
181	10/07/2014 11:51:28 AM	0.3170 V/m	0.2954 V/m	0.2661 V/m
182	10/07/2014 11:51:38 AM	0.3255 V/m	0.2999 V/m	0.2702 V/m



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183	10/07/2014 11:51:48 AM	0.3272 V/m	0.3056 V/m	0.2792 V/m
184	10/07/2014 11:51:58 AM	0.3379 V/m	0.3084 V/m	0.2702 V/m
185	10/07/2014 11:52:08 AM	0.3387 V/m	0.3163 V/m	0.2973 V/m
186	10/07/2014 11:52:18 AM	0.3371 V/m	0.3144 V/m	0.2812 V/m
187	10/07/2014 11:52:28 AM	0.3546 V/m	0.3283 V/m	0.2991 V/m
188	10/07/2014 11:52:38 AM	0.3468 V/m	0.3259 V/m	0.3082 V/m
189	10/07/2014 11:52:48 AM	0.3355 V/m	0.3103 V/m	0.2802 V/m
190	10/07/2014 11:52:58 AM	0.3322 V/m	0.3062 V/m	0.2841 V/m
191	10/07/2014 11:53:08 AM	0.3452 V/m	0.3186 V/m	0.2898 V/m
192	10/07/2014 11:53:18 AM	0.3314 V/m	0.3069 V/m	0.2722 V/m
193	10/07/2014 11:53:28 AM	0.3238 V/m	0.3007 V/m	0.2609 V/m
194	10/07/2014 11:53:38 AM	0.3221 V/m	0.2995 V/m	0.2762 V/m
195	10/07/2014 11:53:48 AM	0.3396 V/m	0.3132 V/m	0.2945 V/m
196	10/07/2014 11:53:58 AM	0.3330 V/m	0.3028 V/m	0.2733 V/m
197	10/07/2014 11:54:08 AM	0.3117 V/m	0.2841 V/m	0.2599 V/m
198	10/07/2014 11:54:18 AM	0.3196 V/m	0.2997 V/m	0.2712 V/m
199	10/07/2014 11:54:28 AM	0.3178 V/m	0.2992 V/m	0.2722 V/m
200	10/07/2014 11:54:38 AM	0.3144 V/m	0.2873 V/m	0.2524 V/m
201	10/07/2014 11:54:48 AM	0.3109 V/m	0.2937 V/m	0.2672 V/m
202	10/07/2014 11:54:58 AM	0.3091 V/m	0.2898 V/m	0.2630 V/m
203	10/07/2014 11:55:08 AM	0.3187 V/m	0.2965 V/m	0.2753 V/m
204	10/07/2014 11:55:18 AM	0.3135 V/m	0.2961 V/m	0.2753 V/m
205	10/07/2014 11:55:28 AM	0.3289 V/m	0.2959 V/m	0.2682 V/m
206	10/07/2014 11:55:38 AM	0.3371 V/m	0.3006 V/m	0.2641 V/m
207	10/07/2014 11:55:48 AM	0.3144 V/m	0.2913 V/m	0.2630 V/m
208	10/07/2014 11:55:58 AM	0.3196 V/m	0.2968 V/m	0.2672 V/m
209	10/07/2014 11:56:08 AM	0.3144 V/m	0.2950 V/m	0.2762 V/m
210	10/07/2014 11:56:18 AM	0.3264 V/m	0.2984 V/m	0.2753 V/m
211	10/07/2014 11:56:28 AM	0.3178 V/m	0.2953 V/m	0.2692 V/m
212	10/07/2014 11:56:38 AM	0.3144 V/m	0.2935 V/m	0.2743 V/m
213	10/07/2014 11:56:48 AM	0.3204 V/m	0.2952 V/m	0.2661 V/m
214	10/07/2014 11:56:58 AM	0.3144 V/m	0.2897 V/m	0.2682 V/m
215	10/07/2014 11:57:08 AM	0.3144 V/m	0.2865 V/m	0.2588 V/m
216	10/07/2014 11:57:18 AM	0.3126 V/m	0.2935 V/m	0.2682 V/m
217	10/07/2014 11:57:28 AM	0.3204 V/m	0.3006 V/m	0.2702 V/m
218	10/07/2014 11:57:38 AM	0.3305 V/m	0.2921 V/m	0.2651 V/m
219	10/07/2014 11:57:48 AM	0.3272 V/m	0.2994 V/m	0.2641 V/m
220	10/07/2014 11:57:58 AM	0.3230 V/m	0.3002 V/m	0.2802 V/m
221	10/07/2014 11:58:08 AM	0.3230 V/m	0.3026 V/m	0.2821 V/m
222	10/07/2014 11:58:18 AM	0.3255 V/m	0.2997 V/m	0.2821 V/m
223	10/07/2014 11:58:28 AM	0.3221 V/m	0.2927 V/m	0.2661 V/m
224	10/07/2014 11:58:38 AM	0.3297 V/m	0.2996 V/m	0.2733 V/m
225	10/07/2014 11:58:48 AM	0.3247 V/m	0.3079 V/m	0.2802 V/m
226	10/07/2014 11:58:58 AM	0.3297 V/m	0.3070 V/m	0.2841 V/m
227	10/07/2014 11:59:08 AM	0.3371 V/m	0.3093 V/m	0.2879 V/m
228	10/07/2014 11:59:18 AM	0.3264 V/m	0.2999 V/m	0.2772 V/m
229	10/07/2014 11:59:28 AM	0.3387 V/m	0.3117 V/m	0.2802 V/m
230	10/07/2014 11:59:38 AM	0.3238 V/m	0.2969 V/m	0.2732 V/m
231	10/07/2014 11:59:48 AM	0.3584 V/m	0.3110 V/m	0.2917 V/m
232	10/07/2014 11:59:58 AM	0.3412 V/m	0.3093 V/m	0.2889 V/m
233	10/07/2014 12:00:08 PM	0.3280 V/m	0.3035 V/m	0.2782 V/m
234	10/07/2014 12:00:18 PM	0.3371 V/m	0.3085 V/m	0.2782 V/m
235	10/07/2014 12:00:28 PM	0.3615 V/m	0.3149 V/m	0.2879 V/m
236	10/07/2014 12:00:38 PM	0.3468 V/m	0.3127 V/m	0.2879 V/m
237	10/07/2014 12:00:48 PM	0.3314 V/m	0.3093 V/m	0.2831 V/m
238	10/07/2014 12:00:58 PM	0.3305 V/m	0.3077 V/m	0.2692 V/m
239	10/07/2014 12:01:08 PM	0.3396 V/m	0.3163 V/m	0.2955 V/m
240	10/07/2014 12:01:18 PM	0.3476 V/m	0.3196 V/m	0.3001 V/m
241	10/07/2014 12:01:28 PM	0.3379 V/m	0.3213 V/m	0.2973 V/m
242	10/07/2014 12:01:38 PM	0.3420 V/m	0.3218 V/m	0.2945 V/m
243	10/07/2014 12:01:48 PM	0.3428 V/m	0.3085 V/m	0.2692 V/m
244	10/07/2014 12:01:58 PM	0.3305 V/m	0.3074 V/m	0.2841 V/m
245	10/07/2014 12:02:08 PM	0.3280 V/m	0.3023 V/m	0.2782 V/m



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246	10/07/2014 12:02:18 PM	0.3187 V/m	0.2993 V/m	0.2722 V/m
247	10/07/2014 12:02:28 PM	0.3289 V/m	0.2984 V/m	0.2672 V/m
248	10/07/2014 12:02:38 PM	0.3238 V/m	0.3023 V/m	0.2651 V/m
249	10/07/2014 12:02:48 PM	0.3322 V/m	0.3109 V/m	0.2841 V/m
250	10/07/2014 12:02:58 PM	0.3322 V/m	0.3133 V/m	0.2879 V/m
251	10/07/2014 12:03:08 PM	0.3363 V/m	0.3100 V/m	0.2889 V/m
252	10/07/2014 12:03:18 PM	0.3297 V/m	0.3091 V/m	0.2802 V/m
253	10/07/2014 12:03:28 PM	0.3444 V/m	0.3183 V/m	0.2879 V/m
254	10/07/2014 12:03:38 PM	0.3420 V/m	0.3195 V/m	0.2964 V/m
255	10/07/2014 12:03:48 PM	0.3468 V/m	0.3169 V/m	0.2917 V/m
256	10/07/2014 12:03:58 PM	0.3355 V/m	0.3112 V/m	0.2908 V/m
257	10/07/2014 12:04:08 PM	0.3499 V/m	0.3223 V/m	0.3046 V/m
258	10/07/2014 12:04:18 PM	0.3645 V/m	0.3212 V/m	0.2879 V/m
259	10/07/2014 12:04:28 PM	0.3347 V/m	0.3071 V/m	0.2763 V/m
260	10/07/2014 12:04:38 PM	0.3247 V/m	0.2999 V/m	0.2712 V/m
261	10/07/2014 12:04:48 PM	0.3363 V/m	0.3089 V/m	0.2762 V/m
262	10/07/2014 12:04:58 PM	0.3314 V/m	0.3050 V/m	0.2889 V/m
263	10/07/2014 12:05:08 PM	0.3280 V/m	0.3068 V/m	0.2812 V/m
264	10/07/2014 12:05:18 PM	0.3221 V/m	0.3050 V/m	0.2821 V/m
265	10/07/2014 12:05:28 PM	0.3379 V/m	0.3195 V/m	0.2973 V/m
266	10/07/2014 12:05:38 PM	0.3491 V/m	0.3175 V/m	0.2917 V/m
267	10/07/2014 12:05:48 PM	0.3330 V/m	0.3136 V/m	0.2898 V/m
268	10/07/2014 12:05:58 PM	0.3428 V/m	0.3130 V/m	0.2908 V/m
269	10/07/2014 12:06:08 PM	0.3452 V/m	0.3252 V/m	0.3046 V/m
270	10/07/2014 12:06:18 PM	0.3379 V/m	0.3153 V/m	0.2908 V/m
271	10/07/2014 12:06:28 PM	0.3314 V/m	0.3140 V/m	0.2908 V/m
272	10/07/2014 12:06:38 PM	0.3347 V/m	0.3054 V/m	0.2671 V/m
273	10/07/2014 12:06:48 PM	0.3152 V/m	0.2969 V/m	0.2762 V/m
274	10/07/2014 12:06:58 PM	0.3371 V/m	0.3073 V/m	0.2762 V/m
275	10/07/2014 12:07:08 PM	0.3371 V/m	0.3184 V/m	0.2991 V/m
276	10/07/2014 12:07:18 PM	0.3305 V/m	0.3157 V/m	0.2973 V/m
277	10/07/2014 12:07:28 PM	0.3297 V/m	0.3125 V/m	0.2870 V/m
278	10/07/2014 12:07:38 PM	0.3338 V/m	0.3198 V/m	0.3046 V/m
279	10/07/2014 12:07:48 PM	0.3330 V/m	0.3121 V/m	0.2850 V/m
280	10/07/2014 12:07:58 PM	0.3355 V/m	0.3186 V/m	0.2936 V/m
281	10/07/2014 12:08:08 PM	0.3255 V/m	0.3079 V/m	0.2860 V/m
282	10/07/2014 12:08:18 PM	0.3238 V/m	0.3007 V/m	0.2802 V/m
283	10/07/2014 12:08:28 PM	0.3213 V/m	0.3005 V/m	0.2682 V/m
284	10/07/2014 12:08:38 PM	0.3264 V/m	0.2983 V/m	0.2722 V/m
285	10/07/2014 12:08:48 PM	0.3213 V/m	0.2957 V/m	0.2742 V/m
286	10/07/2014 12:08:58 PM	0.3272 V/m	0.2892 V/m	0.2599 V/m
287	10/07/2014 12:09:08 PM	0.3082 V/m	0.2824 V/m	0.2599 V/m
288	10/07/2014 12:09:18 PM	0.3108 V/m	0.2869 V/m	0.2577 V/m
289	10/07/2014 12:09:28 PM	0.3170 V/m	0.2811 V/m	0.2556 V/m
290	10/07/2014 12:09:38 PM	0.3109 V/m	0.2873 V/m	0.2692 V/m
291	10/07/2014 12:09:48 PM	0.3108 V/m	0.2890 V/m	0.2661 V/m
292	10/07/2014 12:09:58 PM	0.3170 V/m	0.3014 V/m	0.2821 V/m
293	10/07/2014 12:10:08 PM	0.3170 V/m	0.2855 V/m	0.2567 V/m
294	10/07/2014 12:10:18 PM	0.2992 V/m	0.2792 V/m	0.2588 V/m
295	10/07/2014 12:10:28 PM	0.3100 V/m	0.2862 V/m	0.2567 V/m
296	10/07/2014 12:10:38 PM	0.3213 V/m	0.2967 V/m	0.2763 V/m
297	10/07/2014 12:10:48 PM	0.3264 V/m	0.3074 V/m	0.2850 V/m
298	10/07/2014 12:10:58 PM	0.3247 V/m	0.2963 V/m	0.2630 V/m
299	10/07/2014 12:11:08 PM	0.3152 V/m	0.2891 V/m	0.2567 V/m
300	10/07/2014 12:11:18 PM	0.3170 V/m	0.2925 V/m	0.2682 V/m
301	10/07/2014 12:11:28 PM	0.3314 V/m	0.2979 V/m	0.2702 V/m
302	10/07/2014 12:11:38 PM	0.3204 V/m	0.2911 V/m	0.2457 V/m
303	10/07/2014 12:11:48 PM	0.3238 V/m	0.2900 V/m	0.2599 V/m
304	10/07/2014 12:11:58 PM	0.3238 V/m	0.2949 V/m	0.2682 V/m
305	10/07/2014 12:12:08 PM	0.3213 V/m	0.2999 V/m	0.2692 V/m
306	10/07/2014 12:12:18 PM	0.3170 V/m	0.2943 V/m	0.2752 V/m
307	10/07/2014 12:12:28 PM	0.3178 V/m	0.2934 V/m	0.2772 V/m
308	10/07/2014 12:12:38 PM	0.3187 V/m	0.2987 V/m	0.2762 V/m



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309	10/07/2014 12:12:48 PM	0.3213 V/m	0.2981 V/m	0.2692 V/m
310	10/07/2014 12:12:58 PM	0.3247 V/m	0.3038 V/m	0.2802 V/m
311	10/07/2014 12:13:08 PM	0.3073 V/m	0.2897 V/m	0.2692 V/m
312	10/07/2014 12:13:18 PM	0.3117 V/m	0.2930 V/m	0.2712 V/m
313	10/07/2014 12:13:28 PM	0.3170 V/m	0.2945 V/m	0.2752 V/m
314	10/07/2014 12:13:38 PM	0.3082 V/m	0.2898 V/m	0.2524 V/m
315	10/07/2014 12:13:48 PM	0.3108 V/m	0.2911 V/m	0.2702 V/m
316	10/07/2014 12:13:58 PM	0.3108 V/m	0.2900 V/m	0.2588 V/m
317	10/07/2014 12:14:08 PM	0.3238 V/m	0.3051 V/m	0.2821 V/m
318	10/07/2014 12:14:18 PM	0.3355 V/m	0.3107 V/m	0.2821 V/m
319	10/07/2014 12:14:28 PM	0.3289 V/m	0.3034 V/m	0.2762 V/m
320	10/07/2014 12:14:38 PM	0.3371 V/m	0.3075 V/m	0.2821 V/m
321	10/07/2014 12:14:48 PM	0.3255 V/m	0.2972 V/m	0.2671 V/m
322	10/07/2014 12:14:58 PM	0.3091 V/m	0.2939 V/m	0.2702 V/m
323	10/07/2014 12:15:08 PM	0.3126 V/m	0.2887 V/m	0.2651 V/m
324	10/07/2014 12:15:18 PM	0.3144 V/m	0.2965 V/m	0.2661 V/m
325	10/07/2014 12:15:28 PM	0.3108 V/m	0.2904 V/m	0.2702 V/m
326	10/07/2014 12:15:38 PM	0.3213 V/m	0.2964 V/m	0.2772 V/m
327	10/07/2014 12:15:48 PM	0.3420 V/m	0.3044 V/m	0.2782 V/m
328	10/07/2014 12:15:58 PM	0.3238 V/m	0.2996 V/m	0.2640 V/m
329	10/07/2014 12:16:08 PM	0.3305 V/m	0.3089 V/m	0.2851 V/m
330	10/07/2014 12:16:18 PM	0.3230 V/m	0.3024 V/m	0.2792 V/m
331	10/07/2014 12:16:28 PM	0.3280 V/m	0.3031 V/m	0.2742 V/m
332	10/07/2014 12:16:38 PM	0.3238 V/m	0.3024 V/m	0.2821 V/m
333	10/07/2014 12:16:48 PM	0.3230 V/m	0.2994 V/m	0.2702 V/m
334	10/07/2014 12:16:58 PM	0.3272 V/m	0.3029 V/m	0.2802 V/m
335	10/07/2014 12:17:08 PM	0.3247 V/m	0.2997 V/m	0.2812 V/m
336	10/07/2014 12:17:18 PM	0.3387 V/m	0.3111 V/m	0.2609 V/m
337	10/07/2014 12:17:28 PM	0.3305 V/m	0.3087 V/m	0.2889 V/m
338	10/07/2014 12:17:38 PM	0.3322 V/m	0.3065 V/m	0.2841 V/m
339	10/07/2014 12:17:48 PM	0.3363 V/m	0.3129 V/m	0.2743 V/m
340	10/07/2014 12:17:58 PM	0.3297 V/m	0.3026 V/m	0.2792 V/m
341	10/07/2014 12:18:08 PM	0.3289 V/m	0.3083 V/m	0.2870 V/m
342	10/07/2014 12:18:18 PM	0.3247 V/m	0.3056 V/m	0.2792 V/m
343	10/07/2014 12:18:28 PM	0.3272 V/m	0.3044 V/m	0.2802 V/m
344	10/07/2014 12:18:38 PM	0.3444 V/m	0.3143 V/m	0.2964 V/m
345	10/07/2014 12:18:48 PM	0.3436 V/m	0.3153 V/m	0.2850 V/m
346	10/07/2014 12:18:58 PM	0.3305 V/m	0.3139 V/m	0.2898 V/m
347	10/07/2014 12:19:08 PM	0.3836 V/m	0.3301 V/m	0.2945 V/m
348	10/07/2014 12:19:18 PM	0.3584 V/m	0.3253 V/m	0.2917 V/m
349	10/07/2014 12:19:28 PM	0.3363 V/m	0.3086 V/m	0.2802 V/m
350	10/07/2014 12:19:38 PM	0.3523 V/m	0.3170 V/m	0.2889 V/m
351	10/07/2014 12:19:48 PM	0.3645 V/m	0.3381 V/m	0.3046 V/m
352	10/07/2014 12:19:58 PM	0.3444 V/m	0.3218 V/m	0.2982 V/m
353	10/07/2014 12:20:08 PM	0.3475 V/m	0.3306 V/m	0.2917 V/m
354	10/07/2014 12:20:18 PM	0.3468 V/m	0.3212 V/m	0.2945 V/m
355	10/07/2014 12:20:28 PM	0.3371 V/m	0.3190 V/m	0.3001 V/m
356	10/07/2014 12:20:38 PM	0.3460 V/m	0.3122 V/m	0.2917 V/m
357	10/07/2014 12:20:48 PM	0.3330 V/m	0.3116 V/m	0.2850 V/m
358	10/07/2014 12:20:58 PM	0.3330 V/m	0.3143 V/m	0.2926 V/m
359	10/07/2014 12:21:08 PM	0.3507 V/m	0.3307 V/m	0.3108 V/m
360	10/07/2014 12:21:18 PM	0.3515 V/m	0.3276 V/m	0.3010 V/m
361	10/07/2014 12:21:28 PM	0.3638 V/m	0.3213 V/m	0.2850 V/m
362	10/07/2014 12:21:38 PM	0.3468 V/m	0.3186 V/m	0.2599 V/m
363	10/07/2014 12:21:48 PM	0.3530 V/m	0.3080 V/m	0.2762 V/m
364	10/07/2014 12:21:58 PM	0.3428 V/m	0.3151 V/m	0.2792 V/m
365	10/07/2014 12:22:08 PM	0.3338 V/m	0.3102 V/m	0.2908 V/m
366	10/07/2014 12:22:18 PM	0.3530 V/m	0.3166 V/m	0.2556 V/m
367	10/07/2014 12:22:28 PM	0.3314 V/m	0.3100 V/m	0.2917 V/m
368	10/07/2014 12:22:38 PM	0.3204 V/m	0.2990 V/m	0.2732 V/m
369	10/07/2014 12:22:48 PM	0.3305 V/m	0.3017 V/m	0.2651 V/m
370	10/07/2014 12:22:58 PM	0.3297 V/m	0.3008 V/m	0.2513 V/m
371	10/07/2014 12:23:08 PM	0.3420 V/m	0.3086 V/m	0.2841 V/m



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372	10/07/2014 12:23:18 PM	0.3314 V/m	0.3117 V/m	0.2898 V/m
373	10/07/2014 12:23:28 PM	0.3347 V/m	0.3067 V/m	0.2792 V/m
374	10/07/2014 12:23:38 PM	0.3297 V/m	0.3104 V/m	0.2752 V/m
375	10/07/2014 12:23:48 PM	0.3371 V/m	0.3150 V/m	0.2973 V/m
376	10/07/2014 12:23:58 PM	0.3444 V/m	0.3282 V/m	0.3010 V/m
377	10/07/2014 12:24:08 PM	0.3412 V/m	0.3189 V/m	0.2973 V/m
378	10/07/2014 12:24:18 PM	0.3475 V/m	0.3233 V/m	0.3001 V/m
379	10/07/2014 12:24:28 PM	0.3452 V/m	0.3146 V/m	0.2889 V/m
380	10/07/2014 12:24:38 PM	0.3499 V/m	0.3125 V/m	0.2850 V/m
381	10/07/2014 12:24:48 PM	0.3554 V/m	0.3169 V/m	0.2851 V/m
382	10/07/2014 12:24:58 PM	0.3468 V/m	0.3212 V/m	0.2917 V/m
383	10/07/2014 12:25:08 PM	0.3507 V/m	0.3345 V/m	0.3073 V/m
384	10/07/2014 12:25:18 PM	0.3452 V/m	0.3273 V/m	0.2992 V/m
385	10/07/2014 12:25:28 PM	0.3347 V/m	0.3171 V/m	0.2936 V/m
386	10/07/2014 12:25:38 PM	0.3483 V/m	0.3200 V/m	0.2917 V/m
387	10/07/2014 12:25:48 PM	0.3491 V/m	0.3213 V/m	0.2889 V/m
388	10/07/2014 12:25:58 PM	0.3255 V/m	0.3047 V/m	0.2752 V/m
389	10/07/2014 12:26:08 PM	0.3452 V/m	0.3173 V/m	0.2802 V/m
390	10/07/2014 12:26:18 PM	0.3355 V/m	0.3056 V/m	0.2821 V/m
391	10/07/2014 12:26:28 PM	0.3436 V/m	0.3177 V/m	0.2945 V/m
392	10/07/2014 12:26:38 PM	0.3396 V/m	0.3191 V/m	0.3037 V/m
393	10/07/2014 12:26:48 PM	0.3428 V/m	0.3197 V/m	0.2898 V/m
394	10/07/2014 12:26:58 PM	0.3322 V/m	0.3146 V/m	0.2841 V/m
395	10/07/2014 12:27:08 PM	0.3280 V/m	0.3075 V/m	0.2732 V/m
396	10/07/2014 12:27:18 PM	0.3396 V/m	0.3206 V/m	0.2917 V/m
397	10/07/2014 12:27:28 PM	0.3305 V/m	0.3065 V/m	0.2792 V/m
398	10/07/2014 12:27:38 PM	0.3387 V/m	0.3116 V/m	0.2908 V/m
399	10/07/2014 12:27:48 PM	0.3404 V/m	0.3154 V/m	0.2850 V/m
400	10/07/2014 12:27:58 PM	0.3355 V/m	0.3095 V/m	0.2841 V/m
401	10/07/2014 12:28:08 PM	0.3289 V/m	0.3000 V/m	0.2640 V/m
402	10/07/2014 12:28:18 PM	0.3305 V/m	0.2981 V/m	0.2802 V/m
403	10/07/2014 12:28:28 PM	0.3161 V/m	0.2894 V/m	0.2577 V/m
404	10/07/2014 12:28:38 PM	0.3187 V/m	0.2965 V/m	0.2682 V/m
405	10/07/2014 12:28:48 PM	0.3221 V/m	0.3002 V/m	0.2782 V/m
406	10/07/2014 12:28:58 PM	0.3314 V/m	0.3022 V/m	0.2732 V/m
407	10/07/2014 12:29:08 PM	0.3338 V/m	0.3026 V/m	0.2762 V/m
408	10/07/2014 12:29:18 PM	0.3379 V/m	0.3080 V/m	0.2567 V/m
409	10/07/2014 12:29:28 PM	0.3338 V/m	0.3086 V/m	0.2860 V/m
410	10/07/2014 12:29:38 PM	0.3379 V/m	0.3077 V/m	0.2812 V/m
411	10/07/2014 12:29:48 PM	0.3460 V/m	0.3173 V/m	0.2898 V/m
412	10/07/2014 12:29:58 PM	0.3297 V/m	0.3107 V/m	0.2772 V/m
413	10/07/2014 12:30:08 PM	0.3355 V/m	0.3053 V/m	0.2742 V/m
414	10/07/2014 12:30:18 PM	0.3330 V/m	0.3067 V/m	0.2802 V/m
415	10/07/2014 12:30:28 PM	0.3363 V/m	0.3085 V/m	0.2782 V/m
416	10/07/2014 12:30:38 PM	0.3452 V/m	0.3113 V/m	0.2812 V/m
417	10/07/2014 12:30:48 PM	0.3371 V/m	0.3133 V/m	0.2889 V/m
418	10/07/2014 12:30:58 PM	0.3238 V/m	0.3083 V/m	0.2917 V/m
419	10/07/2014 12:31:08 PM	0.3314 V/m	0.3064 V/m	0.2802 V/m
420	10/07/2014 12:31:18 PM	0.3452 V/m	0.3147 V/m	0.2821 V/m
421	10/07/2014 12:31:28 PM	0.3305 V/m	0.3125 V/m	0.2889 V/m
422	10/07/2014 12:31:38 PM	0.3468 V/m	0.3102 V/m	0.2860 V/m
423	10/07/2014 12:31:48 PM	0.3280 V/m	0.3072 V/m	0.2802 V/m
424	10/07/2014 12:31:58 PM	0.3420 V/m	0.3104 V/m	0.2889 V/m
425	10/07/2014 12:32:08 PM	0.3330 V/m	0.3116 V/m	0.2945 V/m
426	10/07/2014 12:32:18 PM	0.3280 V/m	0.3114 V/m	0.2812 V/m
427	10/07/2014 12:32:28 PM	0.3371 V/m	0.3122 V/m	0.2870 V/m
428	10/07/2014 12:32:38 PM	0.3247 V/m	0.3071 V/m	0.2870 V/m
429	10/07/2014 12:32:48 PM	0.3404 V/m	0.3126 V/m	0.2898 V/m
430	10/07/2014 12:32:58 PM	0.3460 V/m	0.3115 V/m	0.2545 V/m
431	10/07/2014 12:33:08 PM	0.3404 V/m	0.3166 V/m	0.2945 V/m
432	10/07/2014 12:33:18 PM	0.3396 V/m	0.3110 V/m	0.2841 V/m
433	10/07/2014 12:33:28 PM	0.3289 V/m	0.3033 V/m	0.2671 V/m
434	10/07/2014 12:33:38 PM	0.3230 V/m	0.3017 V/m	0.2722 V/m



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435	10/07/2014 12:33:48 PM	0.3314 V/m	0.3073 V/m	0.2860 V/m
436	10/07/2014 12:33:58 PM	0.3272 V/m	0.3064 V/m	0.2762 V/m
437	10/07/2014 12:34:08 PM	0.3347 V/m	0.3051 V/m	0.2753 V/m
438	10/07/2014 12:34:18 PM	0.3221 V/m	0.3020 V/m	0.2753 V/m
439	10/07/2014 12:34:28 PM	0.3100 V/m	0.2907 V/m	0.2682 V/m
440	10/07/2014 12:34:38 PM	0.3213 V/m	0.2958 V/m	0.2545 V/m
441	10/07/2014 12:34:48 PM	0.3272 V/m	0.2990 V/m	0.2692 V/m
442	10/07/2014 12:34:58 PM	0.4073 V/m	0.3084 V/m	0.2331 V/m
443	10/07/2014 12:35:08 PM	0.3645 V/m	0.3050 V/m	0.2743 V/m
444	10/07/2014 12:35:18 PM	0.3230 V/m	0.3014 V/m	0.2743 V/m
445	10/07/2014 12:35:28 PM	0.3230 V/m	0.3018 V/m	0.2753 V/m
446	10/07/2014 12:35:38 PM	0.3314 V/m	0.3050 V/m	0.2743 V/m
447	10/07/2014 12:35:48 PM	0.3338 V/m	0.3071 V/m	0.2831 V/m
448	10/07/2014 12:35:58 PM	0.3371 V/m	0.3125 V/m	0.2898 V/m
449	10/07/2014 12:36:08 PM	0.3396 V/m	0.3185 V/m	0.2945 V/m
450	10/07/2014 12:36:18 PM	0.3515 V/m	0.3225 V/m	0.2841 V/m
451	10/07/2014 12:36:28 PM	0.3523 V/m	0.3203 V/m	0.2964 V/m
452	10/07/2014 12:36:38 PM	0.3305 V/m	0.3074 V/m	0.2792 V/m
453	10/07/2014 12:36:48 PM	0.3387 V/m	0.3205 V/m	0.3028 V/m
454	10/07/2014 12:36:58 PM	0.3355 V/m	0.3109 V/m	0.2917 V/m
455	10/07/2014 12:37:08 PM	0.3272 V/m	0.3092 V/m	0.2879 V/m
456	10/07/2014 12:37:18 PM	0.3178 V/m	0.3015 V/m	0.2782 V/m
457	10/07/2014 12:37:28 PM	0.3305 V/m	0.3097 V/m	0.2860 V/m
458	10/07/2014 12:37:38 PM	0.3347 V/m	0.3109 V/m	0.2831 V/m
459	10/07/2014 12:37:48 PM	0.3247 V/m	0.3078 V/m	0.2821 V/m
460	10/07/2014 12:37:58 PM	0.3330 V/m	0.3062 V/m	0.2908 V/m
461	10/07/2014 12:38:08 PM	0.3371 V/m	0.3136 V/m	0.2860 V/m
462	10/07/2014 12:38:18 PM	0.3330 V/m	0.3217 V/m	0.3010 V/m
463	10/07/2014 12:38:28 PM	0.3379 V/m	0.3170 V/m	0.2936 V/m
464	10/07/2014 12:38:38 PM	0.3363 V/m	0.3159 V/m	0.2982 V/m
465	10/07/2014 12:38:48 PM	0.3444 V/m	0.3194 V/m	0.2851 V/m
466	10/07/2014 12:38:58 PM	0.3420 V/m	0.3205 V/m	0.2945 V/m
467	10/07/2014 12:39:08 PM	0.3388 V/m	0.3186 V/m	0.2982 V/m
468	10/07/2014 12:39:18 PM	0.3452 V/m	0.3160 V/m	0.2772 V/m
469	10/07/2014 12:39:28 PM	0.3144 V/m	0.2960 V/m	0.2722 V/m
470	10/07/2014 12:39:38 PM	0.3412 V/m	0.3124 V/m	0.2733 V/m
471	10/07/2014 12:39:48 PM	0.3460 V/m	0.3153 V/m	0.2955 V/m
472	10/07/2014 12:39:58 PM	0.3404 V/m	0.3228 V/m	0.3010 V/m
473	10/07/2014 12:40:08 PM	0.3436 V/m	0.3191 V/m	0.2991 V/m
474	10/07/2014 12:40:18 PM	0.3491 V/m	0.3234 V/m	0.3019 V/m
475	10/07/2014 12:40:28 PM	0.3476 V/m	0.3297 V/m	0.3073 V/m
476	10/07/2014 12:40:38 PM	0.3297 V/m	0.3092 V/m	0.2927 V/m
477	10/07/2014 12:40:48 PM	0.3255 V/m	0.3058 V/m	0.2692 V/m
478	10/07/2014 12:40:58 PM	0.3491 V/m	0.3197 V/m	0.2964 V/m
479	10/07/2014 12:41:08 PM	0.3428 V/m	0.3133 V/m	0.2945 V/m
480	10/07/2014 12:41:18 PM	0.3371 V/m	0.3139 V/m	0.2908 V/m
481	10/07/2014 12:41:28 PM	0.3355 V/m	0.3125 V/m	0.2908 V/m
482	10/07/2014 12:41:38 PM	0.3330 V/m	0.3147 V/m	0.2850 V/m
483	10/07/2014 12:41:48 PM	0.3305 V/m	0.3145 V/m	0.3010 V/m
484	10/07/2014 12:41:58 PM	0.3404 V/m	0.3196 V/m	0.2917 V/m
485	10/07/2014 12:42:08 PM	0.3314 V/m	0.3100 V/m	0.2802 V/m
486	10/07/2014 12:42:18 PM	0.3338 V/m	0.3174 V/m	0.2955 V/m
487	10/07/2014 12:42:28 PM	0.3339 V/m	0.3143 V/m	0.2851 V/m
488	10/07/2014 12:42:38 PM	0.3379 V/m	0.3186 V/m	0.2831 V/m
489	10/07/2014 12:42:48 PM	0.3272 V/m	0.3086 V/m	0.2879 V/m
490	10/07/2014 12:42:58 PM	0.3314 V/m	0.3128 V/m	0.2898 V/m
491	10/07/2014 12:43:08 PM	0.3420 V/m	0.3144 V/m	0.2991 V/m
492	10/07/2014 12:43:18 PM	0.3305 V/m	0.3098 V/m	0.2917 V/m
493	10/07/2014 12:43:28 PM	0.3330 V/m	0.3122 V/m	0.2889 V/m
494	10/07/2014 12:43:38 PM	0.3515 V/m	0.3217 V/m	0.2973 V/m
495	10/07/2014 12:43:48 PM	0.3507 V/m	0.3222 V/m	0.2841 V/m
496	10/07/2014 12:43:58 PM	0.3483 V/m	0.3222 V/m	0.2964 V/m
497	10/07/2014 12:44:08 PM	0.3379 V/m	0.3237 V/m	0.3064 V/m



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498	10/07/2014 12:44:18 PM	0.3436 V/m	0.3222 V/m	0.3019 V/m
499	10/07/2014 12:44:28 PM	0.3538 V/m	0.3277 V/m	0.2982 V/m
500	10/07/2014 12:44:38 PM	0.3412 V/m	0.3213 V/m	0.2982 V/m
501	10/07/2014 12:44:48 PM	0.3569 V/m	0.3258 V/m	0.3010 V/m
502	10/07/2014 12:44:58 PM	0.3475 V/m	0.3237 V/m	0.2964 V/m
503	10/07/2014 12:45:08 PM	0.3515 V/m	0.3210 V/m	0.2762 V/m
504	10/07/2014 12:45:18 PM	0.3355 V/m	0.3194 V/m	0.2898 V/m
505	10/07/2014 12:45:28 PM	0.3412 V/m	0.3172 V/m	0.2936 V/m
506	10/07/2014 12:45:38 PM	0.3554 V/m	0.3301 V/m	0.3117 V/m
507	10/07/2014 12:45:48 PM	0.3475 V/m	0.3282 V/m	0.3001 V/m
508	10/07/2014 12:45:58 PM	0.3499 V/m	0.3250 V/m	0.2982 V/m
509	10/07/2014 12:46:08 PM	0.3491 V/m	0.3270 V/m	0.3019 V/m
510	10/07/2014 12:46:18 PM	0.3444 V/m	0.3218 V/m	0.2812 V/m
511	10/07/2014 12:46:28 PM	0.3322 V/m	0.3149 V/m	0.2792 V/m
512	10/07/2014 12:46:38 PM	0.3523 V/m	0.3170 V/m	0.2762 V/m
513	10/07/2014 12:46:48 PM	0.3314 V/m	0.3033 V/m	0.2782 V/m
514	10/07/2014 12:46:58 PM	0.3491 V/m	0.3209 V/m	0.2802 V/m
515	10/07/2014 12:47:08 PM	0.3363 V/m	0.3106 V/m	0.2889 V/m
516	10/07/2014 12:47:18 PM	0.3355 V/m	0.3053 V/m	0.2641 V/m
517	10/07/2014 12:47:28 PM	0.3404 V/m	0.3128 V/m	0.2870 V/m
518	10/07/2014 12:47:38 PM	0.3221 V/m	0.3006 V/m	0.2782 V/m
519	10/07/2014 12:47:48 PM	0.3305 V/m	0.3075 V/m	0.2762 V/m
520	10/07/2014 12:47:58 PM	0.3387 V/m	0.3065 V/m	0.2898 V/m
521	10/07/2014 12:48:08 PM	0.3305 V/m	0.3069 V/m	0.2762 V/m
522	10/07/2014 12:48:18 PM	0.3412 V/m	0.3113 V/m	0.2762 V/m
523	10/07/2014 12:48:28 PM	0.3355 V/m	0.3127 V/m	0.2879 V/m
524	10/07/2014 12:48:38 PM	0.3305 V/m	0.3103 V/m	0.2889 V/m
525	10/07/2014 12:48:48 PM	0.3196 V/m	0.3051 V/m	0.2860 V/m
526	10/07/2014 12:48:58 PM	0.3436 V/m	0.3138 V/m	0.2821 V/m
527	10/07/2014 12:49:08 PM	0.3272 V/m	0.3020 V/m	0.2692 V/m
528	10/07/2014 12:49:18 PM	0.3371 V/m	0.3111 V/m	0.2898 V/m
529	10/07/2014 12:49:28 PM	0.3091 V/m	0.2947 V/m	0.2782 V/m
530	10/07/2014 12:49:38 PM	0.3322 V/m	0.3113 V/m	0.2841 V/m
531	10/07/2014 12:49:48 PM	0.3247 V/m	0.3063 V/m	0.2821 V/m
532	10/07/2014 12:49:58 PM	0.3404 V/m	0.3204 V/m	0.3001 V/m
533	10/07/2014 12:50:08 PM	0.3404 V/m	0.3211 V/m	0.2991 V/m
534	10/07/2014 12:50:18 PM	0.3420 V/m	0.3218 V/m	0.3028 V/m
535	10/07/2014 12:50:28 PM	0.3499 V/m	0.3252 V/m	0.3010 V/m
536	10/07/2014 12:50:38 PM	0.3420 V/m	0.3227 V/m	0.3028 V/m
537	10/07/2014 12:50:48 PM	0.3523 V/m	0.3212 V/m	0.2821 V/m
538	10/07/2014 12:50:58 PM	0.3412 V/m	0.3196 V/m	0.2955 V/m
539	10/07/2014 12:51:08 PM	0.3330 V/m	0.3135 V/m	0.2917 V/m
540	10/07/2014 12:51:18 PM	0.3507 V/m	0.3194 V/m	0.3019 V/m
541	10/07/2014 12:51:28 PM	0.3460 V/m	0.3287 V/m	0.3064 V/m
542	10/07/2014 12:51:38 PM	0.3499 V/m	0.3236 V/m	0.2908 V/m
543	10/07/2014 12:51:48 PM	0.3452 V/m	0.3216 V/m	0.2917 V/m
544	10/07/2014 12:51:58 PM	0.3412 V/m	0.3222 V/m	0.3046 V/m
545	10/07/2014 12:52:08 PM	0.3314 V/m	0.3122 V/m	0.2802 V/m
546	10/07/2014 12:52:18 PM	0.3322 V/m	0.3101 V/m	0.2841 V/m
547	10/07/2014 12:52:28 PM	0.3428 V/m	0.3166 V/m	0.2889 V/m
548	10/07/2014 12:52:38 PM	0.3363 V/m	0.3157 V/m	0.2908 V/m
549	10/07/2014 12:52:48 PM	0.3460 V/m	0.3218 V/m	0.2964 V/m
550	10/07/2014 12:52:58 PM	0.3569 V/m	0.3226 V/m	0.3019 V/m
551	10/07/2014 12:53:08 PM	0.3297 V/m	0.3108 V/m	0.2821 V/m
552	10/07/2014 12:53:18 PM	0.3338 V/m	0.3153 V/m	0.2973 V/m
553	10/07/2014 12:53:28 PM	0.3355 V/m	0.3165 V/m	0.2955 V/m
554	10/07/2014 12:53:38 PM	0.3322 V/m	0.3145 V/m	0.2982 V/m
555	10/07/2014 12:53:48 PM	0.3289 V/m	0.3092 V/m	0.2831 V/m
556	10/07/2014 12:53:58 PM	0.3483 V/m	0.3239 V/m	0.3073 V/m
557	10/07/2014 12:54:08 PM	0.3379 V/m	0.3221 V/m	0.2973 V/m
558	10/07/2014 12:54:18 PM	0.3379 V/m	0.3101 V/m	0.2762 V/m
559	10/07/2014 12:54:28 PM	0.3264 V/m	0.3079 V/m	0.2860 V/m
560	10/07/2014 12:54:38 PM	0.3330 V/m	0.3130 V/m	0.2917 V/m



561	10/07/2014 12:54:48 PM	0.3305 V/m	0.3109 V/m	0.2850 V/m
562	10/07/2014 12:54:58 PM	0.3297 V/m	0.3122 V/m	0.2927 V/m
563	10/07/2014 12:55:08 PM	0.3347 V/m	0.3080 V/m	0.2850 V/m
564	10/07/2014 12:55:18 PM	0.3255 V/m	0.3098 V/m	0.2889 V/m
565	10/07/2014 12:55:28 PM	0.3452 V/m	0.3197 V/m	0.2973 V/m
566	10/07/2014 12:55:38 PM	0.3452 V/m	0.3099 V/m	0.2860 V/m
567	10/07/2014 12:55:48 PM	0.3305 V/m	0.3118 V/m	0.2802 V/m
568	10/07/2014 12:55:58 PM	0.3280 V/m	0.3066 V/m	0.2850 V/m
569	10/07/2014 12:56:08 PM	0.3363 V/m	0.3192 V/m	0.2936 V/m
570	10/07/2014 12:56:18 PM	0.3355 V/m	0.3162 V/m	0.2964 V/m
571	10/07/2014 12:56:28 PM	0.3387 V/m	0.3178 V/m	0.2955 V/m
572	10/07/2014 12:56:38 PM	0.3436 V/m	0.3219 V/m	0.2964 V/m
573	10/07/2014 12:56:48 PM	0.3483 V/m	0.3225 V/m	0.3082 V/m
574	10/07/2014 12:56:58 PM	0.3371 V/m	0.3123 V/m	0.2870 V/m
575	10/07/2014 12:57:08 PM	0.3347 V/m	0.3109 V/m	0.2860 V/m
576	10/07/2014 12:57:18 PM	0.3436 V/m	0.3147 V/m	0.2889 V/m
577	10/07/2014 12:57:28 PM	0.3322 V/m	0.3065 V/m	0.2831 V/m
578	10/07/2014 12:57:38 PM	0.3280 V/m	0.3034 V/m	0.2742 V/m
579	10/07/2014 12:57:48 PM	0.3272 V/m	0.3068 V/m	0.2831 V/m
580	10/07/2014 12:57:58 PM	0.3387 V/m	0.3128 V/m	0.2917 V/m
581	10/07/2014 12:58:08 PM	0.3338 V/m	0.3116 V/m	0.2860 V/m
582	10/07/2014 12:58:18 PM	0.3272 V/m	0.3074 V/m	0.2752 V/m
583	10/07/2014 12:58:28 PM	0.3347 V/m	0.3166 V/m	0.2982 V/m
584	10/07/2014 12:58:38 PM	0.3314 V/m	0.3137 V/m	0.2889 V/m
585	10/07/2014 12:58:48 PM	0.3420 V/m	0.3201 V/m	0.3028 V/m
586	10/07/2014 12:58:58 PM	0.3507 V/m	0.3250 V/m	0.3010 V/m
587	10/07/2014 12:59:08 PM	0.3305 V/m	0.3125 V/m	0.2908 V/m
588	10/07/2014 12:59:18 PM	0.3355 V/m	0.3110 V/m	0.2898 V/m
589	10/07/2014 12:59:28 PM	0.3363 V/m	0.3083 V/m	0.2792 V/m
590	10/07/2014 12:59:38 PM	0.3387 V/m	0.3155 V/m	0.2955 V/m
591	10/07/2014 12:59:48 PM	0.3314 V/m	0.3137 V/m	0.2973 V/m
592	10/07/2014 12:59:58 PM	0.3314 V/m	0.3104 V/m	0.2982 V/m
593	10/07/2014 01:00:08 PM	0.3255 V/m	0.3079 V/m	0.2782 V/m
594	10/07/2014 01:00:18 PM	0.3264 V/m	0.3055 V/m	0.2831 V/m
595	10/07/2014 01:00:28 PM	0.3187 V/m	0.2959 V/m	0.2762 V/m
596	10/07/2014 01:00:38 PM	0.3305 V/m	0.3048 V/m	0.2812 V/m
597	10/07/2014 01:00:48 PM	0.3255 V/m	0.3054 V/m	0.2860 V/m
598	10/07/2014 01:00:58 PM	0.3396 V/m	0.3176 V/m	0.2936 V/m
599	10/07/2014 01:01:08 PM	0.3305 V/m	0.3135 V/m	0.2831 V/m
600	10/07/2014 01:01:18 PM	0.3475 V/m	0.3122 V/m	0.2802 V/m
601	10/07/2014 01:01:28 PM	0.3221 V/m	0.2977 V/m	0.2661 V/m
602	10/07/2014 01:01:38 PM	0.3247 V/m	0.3034 V/m	0.2722 V/m
603	10/07/2014 01:01:48 PM	0.3196 V/m	0.2970 V/m	0.2702 V/m
604	10/07/2014 01:01:58 PM	0.3221 V/m	0.2981 V/m	0.2732 V/m
605	10/07/2014 01:02:08 PM	0.3412 V/m	0.3158 V/m	0.2860 V/m
606	10/07/2014 01:02:18 PM	0.3280 V/m	0.3052 V/m	0.2712 V/m
607	10/07/2014 01:02:28 PM	0.3305 V/m	0.2913 V/m	0.2556 V/m
608	10/07/2014 01:02:38 PM	0.3238 V/m	0.2998 V/m	0.2782 V/m
609	10/07/2014 01:02:48 PM	0.3135 V/m	0.2881 V/m	0.2630 V/m
610	10/07/2014 01:02:58 PM	0.3135 V/m	0.2889 V/m	0.2609 V/m
611	10/07/2014 01:03:08 PM	0.3213 V/m	0.2983 V/m	0.2702 V/m
612	10/07/2014 01:03:18 PM	0.3170 V/m	0.3014 V/m	0.2782 V/m
613	10/07/2014 01:03:28 PM	0.3347 V/m	0.3090 V/m	0.2802 V/m
614	10/07/2014 01:03:38 PM	0.3330 V/m	0.3063 V/m	0.2841 V/m
615	10/07/2014 01:03:48 PM	0.3272 V/m	0.3082 V/m	0.2870 V/m
616	10/07/2014 01:03:58 PM	0.3264 V/m	0.3103 V/m	0.2841 V/m
617	10/07/2014 01:04:08 PM	0.3280 V/m	0.3116 V/m	0.2821 V/m
618	10/07/2014 01:04:18 PM	0.3289 V/m	0.3024 V/m	0.2812 V/m
619	10/07/2014 01:04:28 PM	0.3338 V/m	0.3042 V/m	0.2630 V/m
620	10/07/2014 01:04:38 PM	0.3213 V/m	0.3042 V/m	0.2889 V/m
621	10/07/2014 01:04:48 PM	0.3314 V/m	0.3086 V/m	0.2752 V/m
622	10/07/2014 01:04:58 PM	0.3108 V/m	0.2936 V/m	0.2671 V/m
623	10/07/2014 01:05:08 PM	0.3152 V/m	0.2914 V/m	0.2609 V/m





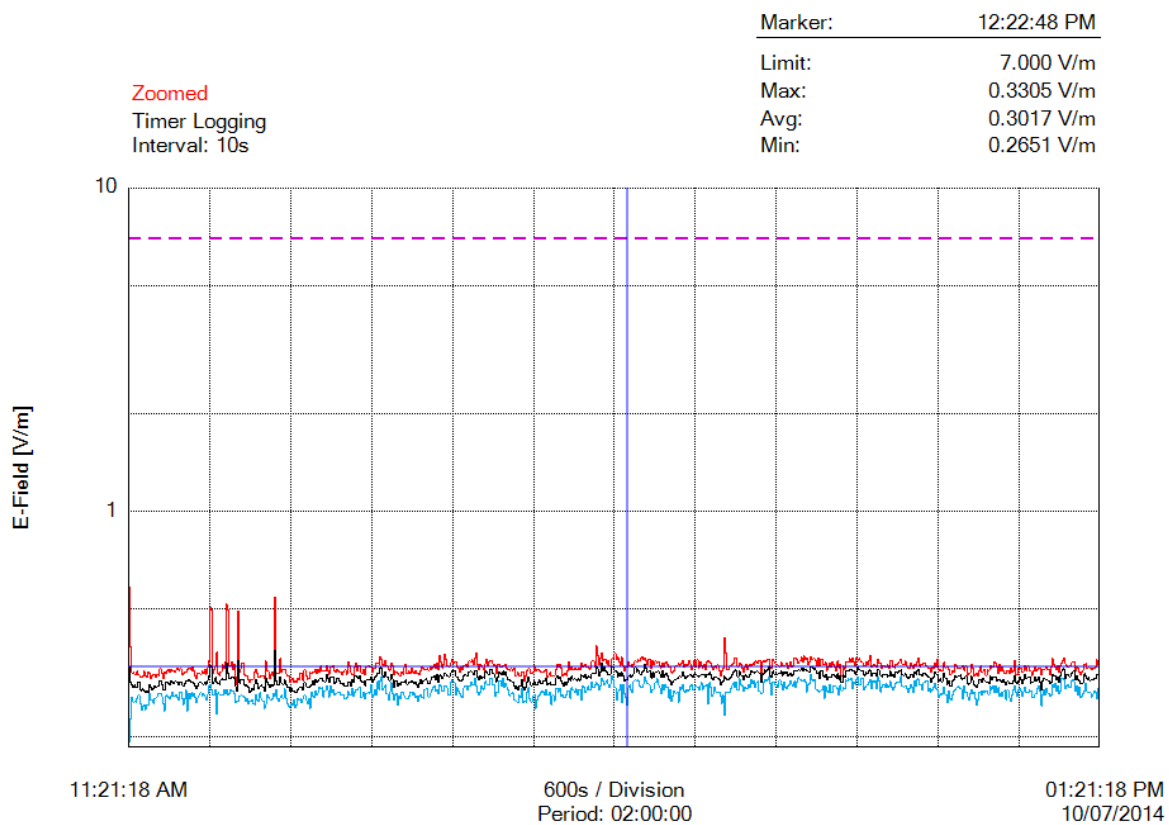
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624	10/07/2014 01:05:18 PM	0.3161 V/m	0.2943 V/m	0.2732 V/m
625	10/07/2014 01:05:28 PM	0.3371 V/m	0.3085 V/m	0.2802 V/m
626	10/07/2014 01:05:38 PM	0.3264 V/m	0.3002 V/m	0.2732 V/m
627	10/07/2014 01:05:48 PM	0.3100 V/m	0.2910 V/m	0.2752 V/m
628	10/07/2014 01:05:58 PM	0.3117 V/m	0.2876 V/m	0.2630 V/m
629	10/07/2014 01:06:08 PM	0.3144 V/m	0.2860 V/m	0.2513 V/m
630	10/07/2014 01:06:18 PM	0.3100 V/m	0.2921 V/m	0.2609 V/m
631	10/07/2014 01:06:28 PM	0.3213 V/m	0.3010 V/m	0.2762 V/m
632	10/07/2014 01:06:38 PM	0.3314 V/m	0.3017 V/m	0.2772 V/m
633	10/07/2014 01:06:48 PM	0.3170 V/m	0.2956 V/m	0.2692 V/m
634	10/07/2014 01:06:58 PM	0.3196 V/m	0.3040 V/m	0.2782 V/m
635	10/07/2014 01:07:08 PM	0.3247 V/m	0.2992 V/m	0.2742 V/m
636	10/07/2014 01:07:18 PM	0.3108 V/m	0.2963 V/m	0.2782 V/m
637	10/07/2014 01:07:28 PM	0.3230 V/m	0.2961 V/m	0.2722 V/m
638	10/07/2014 01:07:38 PM	0.3221 V/m	0.2936 V/m	0.2712 V/m
639	10/07/2014 01:07:48 PM	0.3322 V/m	0.3089 V/m	0.2870 V/m
640	10/07/2014 01:07:58 PM	0.3280 V/m	0.3009 V/m	0.2812 V/m
641	10/07/2014 01:08:08 PM	0.3297 V/m	0.3060 V/m	0.2889 V/m
642	10/07/2014 01:08:18 PM	0.3428 V/m	0.3079 V/m	0.2752 V/m
643	10/07/2014 01:08:28 PM	0.3379 V/m	0.3061 V/m	0.2879 V/m
644	10/07/2014 01:08:38 PM	0.3305 V/m	0.2994 V/m	0.2762 V/m
645	10/07/2014 01:08:48 PM	0.3161 V/m	0.3025 V/m	0.2841 V/m
646	10/07/2014 01:08:58 PM	0.3355 V/m	0.3008 V/m	0.2671 V/m
647	10/07/2014 01:09:08 PM	0.3213 V/m	0.2982 V/m	0.2742 V/m
648	10/07/2014 01:09:18 PM	0.3305 V/m	0.2951 V/m	0.2682 V/m
649	10/07/2014 01:09:28 PM	0.3204 V/m	0.3014 V/m	0.2772 V/m
650	10/07/2014 01:09:38 PM	0.3144 V/m	0.2953 V/m	0.2792 V/m
651	10/07/2014 01:09:48 PM	0.3144 V/m	0.2903 V/m	0.2609 V/m
652	10/07/2014 01:09:58 PM	0.3213 V/m	0.2984 V/m	0.2792 V/m
653	10/07/2014 01:10:08 PM	0.3144 V/m	0.2927 V/m	0.2651 V/m
654	10/07/2014 01:10:18 PM	0.3280 V/m	0.2929 V/m	0.2577 V/m
655	10/07/2014 01:10:28 PM	0.3178 V/m	0.2935 V/m	0.2702 V/m
656	10/07/2014 01:10:38 PM	0.3204 V/m	0.2984 V/m	0.2812 V/m
657	10/07/2014 01:10:48 PM	0.3460 V/m	0.3105 V/m	0.2870 V/m
658	10/07/2014 01:10:58 PM	0.3126 V/m	0.2956 V/m	0.2742 V/m
659	10/07/2014 01:11:08 PM	0.3135 V/m	0.2934 V/m	0.2682 V/m
660	10/07/2014 01:11:18 PM	0.3280 V/m	0.2993 V/m	0.2802 V/m
661	10/07/2014 01:11:28 PM	0.3264 V/m	0.3058 V/m	0.2831 V/m
662	10/07/2014 01:11:38 PM	0.3255 V/m	0.3020 V/m	0.2782 V/m
663	10/07/2014 01:11:48 PM	0.3178 V/m	0.2931 V/m	0.2682 V/m
664	10/07/2014 01:11:58 PM	0.3204 V/m	0.3015 V/m	0.2772 V/m
665	10/07/2014 01:12:08 PM	0.3338 V/m	0.3132 V/m	0.2860 V/m
666	10/07/2014 01:12:18 PM	0.3213 V/m	0.3034 V/m	0.2752 V/m
667	10/07/2014 01:12:28 PM	0.3314 V/m	0.3066 V/m	0.2742 V/m
668	10/07/2014 01:12:38 PM	0.3221 V/m	0.3066 V/m	0.2792 V/m
669	10/07/2014 01:12:48 PM	0.3204 V/m	0.2943 V/m	0.2782 V/m
670	10/07/2014 01:12:58 PM	0.3108 V/m	0.2958 V/m	0.2661 V/m
671	10/07/2014 01:13:08 PM	0.3196 V/m	0.2967 V/m	0.2651 V/m
672	10/07/2014 01:13:18 PM	0.3289 V/m	0.3065 V/m	0.2712 V/m
673	10/07/2014 01:13:28 PM	0.3204 V/m	0.2995 V/m	0.2722 V/m
674	10/07/2014 01:13:38 PM	0.3230 V/m	0.3015 V/m	0.2831 V/m
675	10/07/2014 01:13:48 PM	0.3264 V/m	0.3058 V/m	0.2879 V/m
676	10/07/2014 01:13:58 PM	0.3255 V/m	0.2952 V/m	0.2772 V/m
677	10/07/2014 01:14:08 PM	0.3117 V/m	0.2806 V/m	0.2502 V/m
678	10/07/2014 01:14:18 PM	0.3238 V/m	0.2989 V/m	0.2702 V/m
679	10/07/2014 01:14:28 PM	0.3247 V/m	0.3051 V/m	0.2812 V/m
680	10/07/2014 01:14:38 PM	0.3264 V/m	0.3021 V/m	0.2702 V/m
681	10/07/2014 01:14:48 PM	0.3297 V/m	0.3004 V/m	0.2831 V/m
682	10/07/2014 01:14:58 PM	0.3238 V/m	0.2990 V/m	0.2732 V/m
683	10/07/2014 01:15:08 PM	0.3117 V/m	0.2927 V/m	0.2671 V/m
684	10/07/2014 01:15:18 PM	0.3297 V/m	0.2960 V/m	0.2692 V/m
685	10/07/2014 01:15:28 PM	0.3499 V/m	0.3123 V/m	0.2908 V/m
686	10/07/2014 01:15:38 PM	0.3371 V/m	0.3082 V/m	0.2850 V/m



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687	10/07/2014 01:15:48 PM	0.3297 V/m	0.3095 V/m	0.2936 V/m
688	10/07/2014 01:15:58 PM	0.3247 V/m	0.3017 V/m	0.2772 V/m
689	10/07/2014 01:16:08 PM	0.3330 V/m	0.3073 V/m	0.2879 V/m
690	10/07/2014 01:16:18 PM	0.3187 V/m	0.2965 V/m	0.2722 V/m
691	10/07/2014 01:16:28 PM	0.3322 V/m	0.3098 V/m	0.2782 V/m
692	10/07/2014 01:16:38 PM	0.3379 V/m	0.3197 V/m	0.3046 V/m
693	10/07/2014 01:16:48 PM	0.3460 V/m	0.3258 V/m	0.3037 V/m
694	10/07/2014 01:16:58 PM	0.3507 V/m	0.3245 V/m	0.3019 V/m
695	10/07/2014 01:17:08 PM	0.3363 V/m	0.3041 V/m	0.2821 V/m
696	10/07/2014 01:17:18 PM	0.3330 V/m	0.3133 V/m	0.2879 V/m
697	10/07/2014 01:17:28 PM	0.3297 V/m	0.3119 V/m	0.2908 V/m
698	10/07/2014 01:17:38 PM	0.3314 V/m	0.3073 V/m	0.2850 V/m
699	10/07/2014 01:17:48 PM	0.3396 V/m	0.3151 V/m	0.2982 V/m
700	10/07/2014 01:17:58 PM	0.3428 V/m	0.3189 V/m	0.3010 V/m
701	10/07/2014 01:18:08 PM	0.3428 V/m	0.3212 V/m	0.2973 V/m
702	10/07/2014 01:18:18 PM	0.3204 V/m	0.3012 V/m	0.2772 V/m
703	10/07/2014 01:18:28 PM	0.3305 V/m	0.3091 V/m	0.2870 V/m
704	10/07/2014 01:18:38 PM	0.3255 V/m	0.3008 V/m	0.2692 V/m
705	10/07/2014 01:18:48 PM	0.3170 V/m	0.2993 V/m	0.2860 V/m
706	10/07/2014 01:18:58 PM	0.3117 V/m	0.2936 V/m	0.2661 V/m
707	10/07/2014 01:19:08 PM	0.3178 V/m	0.2939 V/m	0.2672 V/m
708	10/07/2014 01:19:18 PM	0.3230 V/m	0.2946 V/m	0.2722 V/m
709	10/07/2014 01:19:28 PM	0.3363 V/m	0.3141 V/m	0.2782 V/m
710	10/07/2014 01:19:38 PM	0.3379 V/m	0.3094 V/m	0.2936 V/m
711	10/07/2014 01:19:48 PM	0.3255 V/m	0.3016 V/m	0.2762 V/m
712	10/07/2014 01:19:58 PM	0.3289 V/m	0.3053 V/m	0.2752 V/m
713	10/07/2014 01:20:08 PM	0.3280 V/m	0.2996 V/m	0.2742 V/m
714	10/07/2014 01:20:18 PM	0.3238 V/m	0.3015 V/m	0.2661 V/m
715	10/07/2014 01:20:28 PM	0.3280 V/m	0.3008 V/m	0.2712 V/m
716	10/07/2014 01:20:38 PM	0.3272 V/m	0.3034 V/m	0.2782 V/m
717	10/07/2014 01:20:48 PM	0.3305 V/m	0.3029 V/m	0.2752 V/m
718	10/07/2014 01:20:58 PM	0.3468 V/m	0.3110 V/m	0.2620 V/m
719	10/07/2014 01:21:08 PM	0.3363 V/m	0.3115 V/m	0.2821 V/m
720	10/07/2014 01:21:18 PM	0.3428 V/m	0.3002 V/m	0.2630 V/m



Number of Sub Indices	720
Storing Date	10/07/2014
Storing Time	11:21:18 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	08/12/2015
Probe Product Name	EF0391
Probe Serial Number	A-0636
Probe Cal Due Date	07/30/2015
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



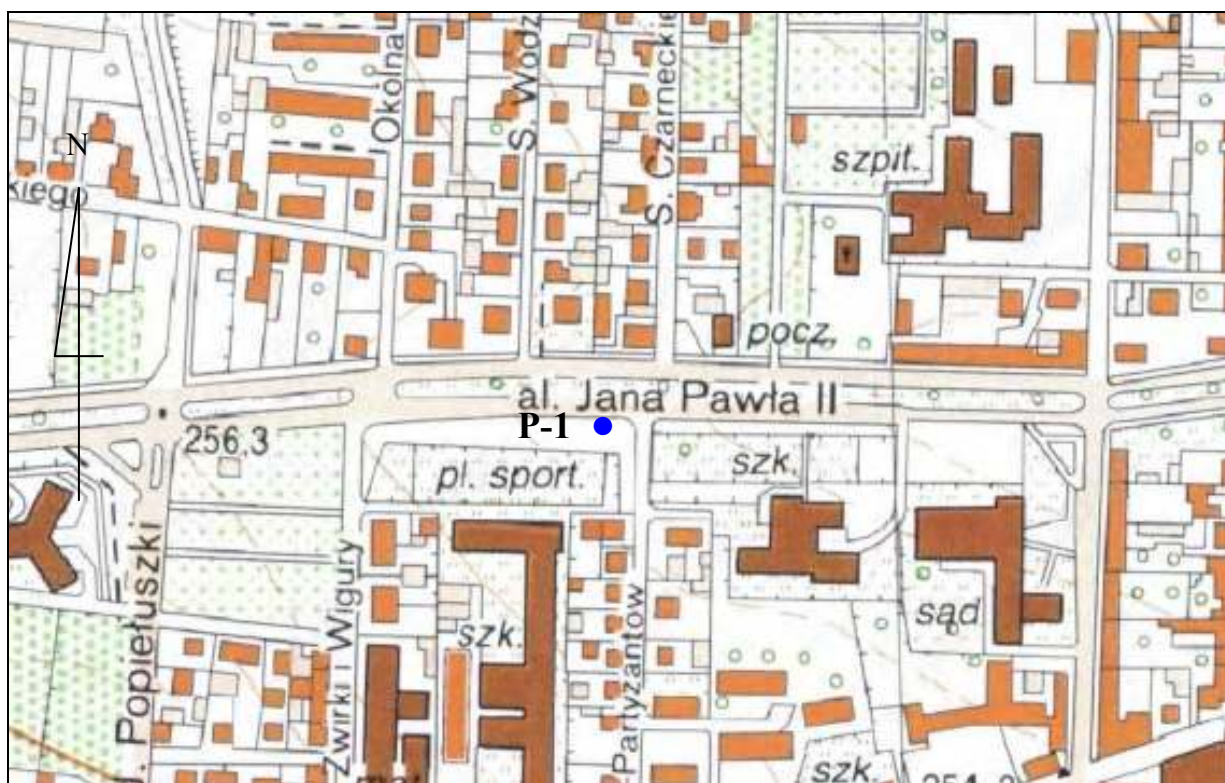
Fot. 2. Rejon badań, widok w kierunku zachodnim



Fot. 3. Rejon badań, widok w kierunku południowym



Fot. 4. Przyrząd pomiarowy w trakcie wykonywanego badania



## CZĘSTOCHOWA

*Oznaczenia:*

- P-1 – punkt pomiarowy poziomów pól elektromagnetycznych w środowisku

**Ryc. Szkic sytuacyjny rejonu badań.**