



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



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SPRAWOZDANIE Z BADAŃ NR 154/2014

Nr sprawy LC7071.99.2013

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 17 lipca 2013 r.
na terenie zabudowy mieszkaniowej,
w
NIEGOWEJ,
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. Ireneusz Picz – Specjalista	2. Tomasz Trzeszkowski – Specjalista
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Osoba autoryzująca sprawozdanie:

Pieczeń i podpis

Zatwierdził:

Pieczeń i podpis

Częstochowa, 03 lutego 2014 r.

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 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, położonej w centralnej części miejscowości Niegowa, w rozumieniu wytycznych Rozporządzenia Ministra Środowiska z dnia 12 listopada 2007 r. (Dz. U. Nr 221, Poz. 1645), w ramach programu Państwowego Monitoringu Środowiska, 2013.

3. TEREN BADAŃ

Punkt pomiarowy P-1 poziomów pól elektromagnetycznych w środowisku zlokalizowano w granicach administracyjnych miejscowości Niegowa, będącej siedzibą gminy wiejskiej, przy skrzyżowaniu ulic Mirowskiej i 22-lipca, na wysokości h: 2 m n.p.t. W sąsiedztwie punktu pomiarowego zagospodarowanie terenu stanowi luźna zabudowa mieszkaniowa jednorodzinna jedno i dwukondygnacyjna z budynkami gospodarczymi oraz obiekty sakralne. Najbliższa zabudowa mieszkaniowa od punktu pomiarowego znajduje się odpowiednio w kierunku: północnym – 21 m, zachodnim – 79 m. W kierunku południowo-zachodnim, w odległości ok. 600 m od P-1, znajduje się wieża telekomunikacyjna - Stacja Linii Radiowych NIEGOWA. 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:

Tereny wiejskie

Nomenklatura jednostki terytorialnej (NTS):

Niegowa 5.2.24.46.09.03.2

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

N 50° 38' 35,2"
E 19° 28' 23,9";

Wysokość lokalizacji punktu pomiarowego:

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

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

l = 21 [m] - od elewacji budynku mieszkalnego jednorodzinnego przy ul. 22-lipca

Lokalizacja punktu pomiarowego – parking przy skrzyżowaniu ul. Mirowskiej i ul. 22-lipca.

4. METODYKA BADAŃ

Procedura badawcza Nr PB – T/22 Laboratorium w Katowicach / Pracownia Analiz w Częstochowie z dnia 05.08.2010 r. w świetle wymagań Rozporządzenia 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

Pomiary poziomów pól elektromagnetycznych częstotliwości 100 kHz – 3 GHz (składowej <i>elektrycznej</i>) 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, <i>E-Field</i> 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	17-07-2013 r.	Wyniki pomiarów:	
	10:04:43 – 12:04:43	T [°C]	21,9 – 23,2
		RH [%]	52,3 – 57,5

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

- T – temperatura powietrza w [°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 wraz z sondami Probe EF0391, *E-Field*, P/N 2402/01, S/N A-0636 :

- *Świadcstwo Wzorcowania* nr: LWiMP/W/248/12 z dnia 10 grudnia 2012 r.,
wydane przez Laboratorium Wzorców i Metrologii Pola Elektromagnetycznego (LWiMP)
Instytut Telekomunikacji, Teleinformatyki i Akustyki, Politechnika Wrocławska.

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

Świadcstwa wzorcowania nr:

- SW-0485-SD-130066-TCB z dnia 15 maja 2013 r.
 - SW-0840-SD-130066-HCB z dnia 22 maja 2013 r.
 - SW-0667-SD-130069-PCB z dnia 10 maja 2013 r.
 - SW-2013-05-021-TATB z dnia 16 maja 2013 r.
- wyd. prze CLAP – IMGW w Warszawie.

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

RADIODOKUMUNIKACYJNYCH, RADIOLOKACYJNYCH, RADIONAWIGACYJNYCH REJONU BADAŃ PÓL ELEKTROMAGNETYCZNYCH *)

(* - 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

Lp.	Punkt pomiarowy poziomów pól elektromagnetycznych w środowisku	Natężenie pola elektrycznego E **) [V/m]	Niepewność pomiaru U_{E 0,95} [dB]
1.	P-1 ul. Mirowska Miejscowość - Niegowa	0,36	2,5

Objaśnienia:

E **) [V/m] - średnia wartość arytmetyczna wartości skutecznych natężeń pól elektrycznych promieniowania elektromagnetycznego w zakresie częstotliwości 100 kHz – 3 GHz, w danym punkcie obserwacji, w środowisku;

8. ZAŁĄCZNIKI

1. *Raport pomiarowy*
 - w postaci elektronicznej, zarchiwizowany w siedzibie Laboratorium WIOŚ;
2. *Fotografie rejonu badań, szt. 4.*
3. *Szkic sytuacyjny rejonu badań.*

KONIEC SPRAWOZDANIA

Test Report

Instrument / Site

Meter	Probe	
Model: NBM-550 S/N: B-0507	Model: EF0391 S/N: A-0636	
Calibration Due Date 12/10/2012	Calibration Due Date 12/13/2012	

Site	Coordinates
P-1, ul. Mirowska/ul. 22-lipca Miejscowość (Gmina) Niegowa, powiat myszkowski, województwo śląskie	N 50° 38' 35,2" E 19° 28' 23,9"

Comment
Pomiary monitoringowe poziomów pól elektromagnetycznych w przedziale częstotliwości 100 kHz – 3 GHz (składowej <i>elektrycznej</i> E) w środowisku, wykonane dnia 17 lipca 2013 r. na terenie zabudowy mieszkaniowej, w NIEGOWEJ, województwo śląskie Ryc. Wykres zależności zmian natężenia składowej elektrycznej pola w funkcji czasu, marker - wartość średnia elementarna interwału dT: 10 sec, w przedziale czasokresu obserwacji T: 2.00 h, w środowisku, Program Państwowego Monitoringu Środowiska, 2013 rok.

Measured Values

Timer: Start Time 10:04:43 AM, Period 2h 0' 0", Interval 10s

Index	Date/Time	Zero	Max (E-Field)	Avg (E-Field)	Min (E-Field)
1	07/17/2013 10:04:53 AM		0.4390 V/m	0.3613 V/m	0.3255 V/m
2	07/17/2013 10:05:03 AM		0.3850 V/m	0.3582 V/m	0.3297 V/m
3	07/17/2013 10:05:13 AM		0.4106 V/m	0.3811 V/m	0.3600 V/m
4	07/17/2013 10:05:23 AM		0.4133 V/m	0.3758 V/m	0.3387 V/m
5	07/17/2013 10:05:33 AM		0.4059 V/m	0.3815 V/m	0.3577 V/m
6	07/17/2013 10:05:43 AM		0.4113 V/m	0.3813 V/m	0.3412 V/m
7	07/17/2013 10:05:53 AM		0.4032 V/m	0.3799 V/m	0.3577 V/m
8	07/17/2013 10:06:03 AM		0.4011 V/m	0.3795 V/m	0.3483 V/m
9	07/17/2013 10:06:13 AM		0.4106 V/m	0.3851 V/m	0.3554 V/m
10	07/17/2013 10:06:23 AM		0.4146 V/m	0.3888 V/m	0.3623 V/m
11	07/17/2013 10:06:33 AM		0.3990 V/m	0.3713 V/m	0.3483 V/m
12	07/17/2013 10:06:43 AM		0.3893 V/m	0.3653 V/m	0.3379 V/m
13	07/17/2013 10:06:53 AM		0.3886 V/m	0.3603 V/m	0.3272 V/m
14	07/17/2013 10:07:03 AM		0.4119 V/m	0.3921 V/m	0.3630 V/m
15	07/17/2013 10:07:13 AM		0.4011 V/m	0.3734 V/m	0.3404 V/m
16	07/17/2013 10:07:23 AM		0.4218 V/m	0.3630 V/m	0.3339 V/m
17	07/17/2013 10:07:33 AM		0.4334 V/m	0.3703 V/m	0.3371 V/m
18	07/17/2013 10:07:43 AM		0.3872 V/m	0.3568 V/m	0.3213 V/m
19	07/17/2013 10:07:53 AM		0.3749 V/m	0.3459 V/m	0.2927 V/m
20	07/17/2013 10:08:03 AM		0.3623 V/m	0.3260 V/m	0.2973 V/m
21	07/17/2013 10:08:13 AM		0.3592 V/m	0.3223 V/m	0.2812 V/m
22	07/17/2013 10:08:23 AM		0.3653 V/m	0.3416 V/m	0.3221 V/m
23	07/17/2013 10:08:33 AM		0.3675 V/m	0.3384 V/m	0.3135 V/m
24	07/17/2013 10:08:43 AM		0.3507 V/m	0.3253 V/m	0.3019 V/m
25	07/17/2013 10:08:53 AM		0.3371 V/m	0.3185 V/m	0.2936 V/m
26	07/17/2013 10:09:03 AM		0.3530 V/m	0.3277 V/m	0.2917 V/m
27	07/17/2013 10:09:13 AM		0.3630 V/m	0.3412 V/m	0.3152 V/m
28	07/17/2013 10:09:23 AM		0.3538 V/m	0.3306 V/m	0.2992 V/m
29	07/17/2013 10:09:33 AM		0.3623 V/m	0.3285 V/m	0.3073 V/m
30	07/17/2013 10:09:43 AM		0.3530 V/m	0.3231 V/m	0.2879 V/m
31	07/17/2013 10:09:53 AM		0.3476 V/m	0.3288 V/m	0.3028 V/m
32	07/17/2013 10:10:03 AM		0.3436 V/m	0.3267 V/m	0.3001 V/m
33	07/17/2013 10:10:13 AM		0.3561 V/m	0.3326 V/m	0.3001 V/m
34	07/17/2013 10:10:23 AM		0.3615 V/m	0.3402 V/m	0.3187 V/m
35	07/17/2013 10:10:33 AM		0.3577 V/m	0.3375 V/m	0.3028 V/m
36	07/17/2013 10:10:43 AM		0.3638 V/m	0.3421 V/m	0.3161 V/m
37	07/17/2013 10:10:53 AM		0.3705 V/m	0.3445 V/m	0.3221 V/m
38	07/17/2013 10:11:03 AM		0.3638 V/m	0.3367 V/m	0.3144 V/m
39	07/17/2013 10:11:13 AM		0.3683 V/m	0.3411 V/m	0.2917 V/m
40	07/17/2013 10:11:23 AM		0.3420 V/m	0.3228 V/m	0.2945 V/m
41	07/17/2013 10:11:33 AM		0.3499 V/m	0.3315 V/m	0.3091 V/m
42	07/17/2013 10:11:43 AM		0.3530 V/m	0.3228 V/m	0.2822 V/m
43	07/17/2013 10:11:53 AM		0.3515 V/m	0.3306 V/m	0.2973 V/m
44	07/17/2013 10:12:03 AM		0.3499 V/m	0.3349 V/m	0.3117 V/m
45	07/17/2013 10:12:13 AM		0.3698 V/m	0.3448 V/m	0.3170 V/m
46	07/17/2013 10:12:23 AM		0.3523 V/m	0.3356 V/m	0.3161 V/m
47	07/17/2013 10:12:33 AM		0.3569 V/m	0.3323 V/m	0.3028 V/m
48	07/17/2013 10:12:43 AM		0.3561 V/m	0.3355 V/m	0.3196 V/m
49	07/17/2013 10:12:53 AM		0.3491 V/m	0.3265 V/m	0.2992 V/m
50	07/17/2013 10:13:03 AM		0.3379 V/m	0.3161 V/m	0.2851 V/m
51	07/17/2013 10:13:13 AM		0.3452 V/m	0.3251 V/m	0.3082 V/m
52	07/17/2013 10:13:23 AM		0.3460 V/m	0.3246 V/m	0.3046 V/m
53	07/17/2013 10:13:33 AM		0.3363 V/m	0.3205 V/m	0.2945 V/m
54	07/17/2013 10:13:43 AM		0.3577 V/m	0.3332 V/m	0.3082 V/m
55	07/17/2013 10:13:53 AM		0.3468 V/m	0.3263 V/m	0.3010 V/m
56	07/17/2013 10:14:03 AM		0.4354 V/m	0.3296 V/m	0.2917 V/m
57	07/17/2013 10:14:13 AM		0.3436 V/m	0.3254 V/m	0.3001 V/m

58	07/17/2013 10:14:23 AM	0.3347 V/m	0.3165 V/m	0.2982 V/m
59	07/17/2013 10:14:33 AM	0.3452 V/m	0.3211 V/m	0.3001 V/m
60	07/17/2013 10:14:43 AM	0.3221 V/m	0.3053 V/m	0.2733 V/m
61	07/17/2013 10:14:53 AM	0.3355 V/m	0.3155 V/m	0.2973 V/m
62	07/17/2013 10:15:03 AM	0.3363 V/m	0.3177 V/m	0.2973 V/m
63	07/17/2013 10:15:13 AM	0.3554 V/m	0.3221 V/m	0.3019 V/m
64	07/17/2013 10:15:23 AM	0.3428 V/m	0.3196 V/m	0.2992 V/m
65	07/17/2013 10:15:33 AM	0.3507 V/m	0.3213 V/m	0.2992 V/m
66	07/17/2013 10:15:43 AM	0.3460 V/m	0.3256 V/m	0.3001 V/m
67	07/17/2013 10:15:53 AM	0.3569 V/m	0.3327 V/m	0.2964 V/m
68	07/17/2013 10:16:03 AM	0.3800 V/m	0.3588 V/m	0.3289 V/m
69	07/17/2013 10:16:13 AM	0.3630 V/m	0.3430 V/m	0.3178 V/m
70	07/17/2013 10:16:23 AM	0.4039 V/m	0.3472 V/m	0.2973 V/m
71	07/17/2013 10:16:33 AM	0.3742 V/m	0.3505 V/m	0.3204 V/m
72	07/17/2013 10:16:43 AM	0.3942 V/m	0.3525 V/m	0.3238 V/m
73	07/17/2013 10:16:53 AM	0.3712 V/m	0.3529 V/m	0.3297 V/m
74	07/17/2013 10:17:03 AM	0.3712 V/m	0.3554 V/m	0.3379 V/m
75	07/17/2013 10:17:13 AM	0.3778 V/m	0.3555 V/m	0.3371 V/m
76	07/17/2013 10:17:23 AM	0.3705 V/m	0.3461 V/m	0.3306 V/m
77	07/17/2013 10:17:33 AM	0.3675 V/m	0.3459 V/m	0.3117 V/m
78	07/17/2013 10:17:43 AM	0.3577 V/m	0.3371 V/m	0.3126 V/m
79	07/17/2013 10:17:53 AM	0.3577 V/m	0.3379 V/m	0.3196 V/m
80	07/17/2013 10:18:03 AM	0.3630 V/m	0.3456 V/m	0.3264 V/m
81	07/17/2013 10:18:13 AM	0.3630 V/m	0.3441 V/m	0.3281 V/m
82	07/17/2013 10:18:23 AM	0.3630 V/m	0.3411 V/m	0.3289 V/m
83	07/17/2013 10:18:33 AM	0.3771 V/m	0.3527 V/m	0.3170 V/m
84	07/17/2013 10:18:43 AM	0.3727 V/m	0.3483 V/m	0.3204 V/m
85	07/17/2013 10:18:53 AM	0.3615 V/m	0.3347 V/m	0.3135 V/m
86	07/17/2013 10:19:03 AM	0.3569 V/m	0.3380 V/m	0.3187 V/m
87	07/17/2013 10:19:13 AM	0.3585 V/m	0.3371 V/m	0.3213 V/m
88	07/17/2013 10:19:23 AM	0.3515 V/m	0.3369 V/m	0.3082 V/m
89	07/17/2013 10:19:33 AM	0.3630 V/m	0.3395 V/m	0.3135 V/m
90	07/17/2013 10:19:43 AM	0.3600 V/m	0.3379 V/m	0.3213 V/m
91	07/17/2013 10:19:53 AM	0.3712 V/m	0.3445 V/m	0.3221 V/m
92	07/17/2013 10:20:03 AM	0.3668 V/m	0.3481 V/m	0.3330 V/m
93	07/17/2013 10:20:13 AM	0.3653 V/m	0.3468 V/m	0.3247 V/m
94	07/17/2013 10:20:23 AM	0.3793 V/m	0.3555 V/m	0.3204 V/m
95	07/17/2013 10:20:33 AM	0.3683 V/m	0.3424 V/m	0.3280 V/m
96	07/17/2013 10:20:43 AM	0.3653 V/m	0.3437 V/m	0.3178 V/m
97	07/17/2013 10:20:53 AM	0.3778 V/m	0.3548 V/m	0.3305 V/m
98	07/17/2013 10:21:03 AM	0.3749 V/m	0.3531 V/m	0.3305 V/m
99	07/17/2013 10:21:13 AM	0.3786 V/m	0.3484 V/m	0.3204 V/m
100	07/17/2013 10:21:23 AM	0.3712 V/m	0.3519 V/m	0.3347 V/m
101	07/17/2013 10:21:33 AM	0.3690 V/m	0.3468 V/m	0.3272 V/m
102	07/17/2013 10:21:43 AM	0.3886 V/m	0.3646 V/m	0.3404 V/m
103	07/17/2013 10:21:53 AM	0.3778 V/m	0.3546 V/m	0.3314 V/m
104	07/17/2013 10:22:03 AM	0.3720 V/m	0.3556 V/m	0.3281 V/m
105	07/17/2013 10:22:13 AM	0.3771 V/m	0.3564 V/m	0.3264 V/m
106	07/17/2013 10:22:23 AM	0.3749 V/m	0.3441 V/m	0.3144 V/m
107	07/17/2013 10:22:33 AM	0.3607 V/m	0.3393 V/m	0.3135 V/m
108	07/17/2013 10:22:43 AM	0.3907 V/m	0.3588 V/m	0.3347 V/m
109	07/17/2013 10:22:53 AM	0.3705 V/m	0.3525 V/m	0.3306 V/m
110	07/17/2013 10:23:03 AM	0.3764 V/m	0.3555 V/m	0.3297 V/m
111	07/17/2013 10:23:13 AM	0.3900 V/m	0.3648 V/m	0.3428 V/m
112	07/17/2013 10:23:23 AM	0.3907 V/m	0.3688 V/m	0.3436 V/m
113	07/17/2013 10:23:33 AM	0.3843 V/m	0.3628 V/m	0.3404 V/m
114	07/17/2013 10:23:43 AM	0.3886 V/m	0.3590 V/m	0.3347 V/m
115	07/17/2013 10:23:53 AM	0.3822 V/m	0.3642 V/m	0.3460 V/m
116	07/17/2013 10:24:03 AM	0.3886 V/m	0.3699 V/m	0.3396 V/m
117	07/17/2013 10:24:13 AM	0.3858 V/m	0.3718 V/m	0.3499 V/m
118	07/17/2013 10:24:23 AM	0.3858 V/m	0.3714 V/m	0.3523 V/m
119	07/17/2013 10:24:33 AM	0.3949 V/m	0.3750 V/m	0.3468 V/m
120	07/17/2013 10:24:43 AM	0.3843 V/m	0.3715 V/m	0.3507 V/m

121	07/17/2013 10:24:53 AM	0.3850 V/m	0.3711 V/m	0.3428 V/m
122	07/17/2013 10:25:03 AM	0.3893 V/m	0.3604 V/m	0.3355 V/m
123	07/17/2013 10:25:13 AM	0.3749 V/m	0.3602 V/m	0.3404 V/m
124	07/17/2013 10:25:23 AM	0.3829 V/m	0.3626 V/m	0.3306 V/m
125	07/17/2013 10:25:33 AM	0.3793 V/m	0.3571 V/m	0.3379 V/m
126	07/17/2013 10:25:43 AM	0.4133 V/m	0.3688 V/m	0.3355 V/m
127	07/17/2013 10:25:53 AM	0.3872 V/m	0.3681 V/m	0.3484 V/m
128	07/17/2013 10:26:03 AM	0.3815 V/m	0.3640 V/m	0.3379 V/m
129	07/17/2013 10:26:13 AM	0.3858 V/m	0.3638 V/m	0.3436 V/m
130	07/17/2013 10:26:23 AM	0.3807 V/m	0.3635 V/m	0.3460 V/m
131	07/17/2013 10:26:33 AM	0.3815 V/m	0.3613 V/m	0.3444 V/m
132	07/17/2013 10:26:43 AM	0.3683 V/m	0.3526 V/m	0.3339 V/m
133	07/17/2013 10:26:53 AM	0.3829 V/m	0.3634 V/m	0.3476 V/m
134	07/17/2013 10:27:03 AM	0.3683 V/m	0.3495 V/m	0.3264 V/m
135	07/17/2013 10:27:13 AM	0.3779 V/m	0.3582 V/m	0.3339 V/m
136	07/17/2013 10:27:23 AM	0.3829 V/m	0.3621 V/m	0.3476 V/m
137	07/17/2013 10:27:33 AM	0.3778 V/m	0.3601 V/m	0.3444 V/m
138	07/17/2013 10:27:43 AM	0.3786 V/m	0.3620 V/m	0.3371 V/m
139	07/17/2013 10:27:53 AM	0.3705 V/m	0.3561 V/m	0.3330 V/m
140	07/17/2013 10:28:03 AM	0.3660 V/m	0.3446 V/m	0.3221 V/m
141	07/17/2013 10:28:13 AM	0.3607 V/m	0.3385 V/m	0.3187 V/m
142	07/17/2013 10:28:23 AM	0.3829 V/m	0.3459 V/m	0.3037 V/m
143	07/17/2013 10:28:33 AM	0.3735 V/m	0.3506 V/m	0.3221 V/m
144	07/17/2013 10:28:43 AM	0.3585 V/m	0.3453 V/m	0.3289 V/m
145	07/17/2013 10:28:53 AM	0.3843 V/m	0.3540 V/m	0.3272 V/m
146	07/17/2013 10:29:03 AM	0.3735 V/m	0.3513 V/m	0.3230 V/m
147	07/17/2013 10:29:13 AM	0.3829 V/m	0.3518 V/m	0.3255 V/m
148	07/17/2013 10:29:23 AM	0.3815 V/m	0.3575 V/m	0.3355 V/m
149	07/17/2013 10:29:33 AM	0.4166 V/m	0.3674 V/m	0.3363 V/m
150	07/17/2013 10:29:43 AM	0.3698 V/m	0.3473 V/m	0.3204 V/m
151	07/17/2013 10:29:53 AM	0.3757 V/m	0.3499 V/m	0.3289 V/m
152	07/17/2013 10:30:03 AM	0.3727 V/m	0.3514 V/m	0.3213 V/m
153	07/17/2013 10:30:13 AM	0.3735 V/m	0.3569 V/m	0.3281 V/m
154	07/17/2013 10:30:23 AM	0.3764 V/m	0.3555 V/m	0.3196 V/m
155	07/17/2013 10:30:33 AM	0.3675 V/m	0.3456 V/m	0.3187 V/m
156	07/17/2013 10:30:43 AM	0.3829 V/m	0.3450 V/m	0.3170 V/m
157	07/17/2013 10:30:53 AM	0.3638 V/m	0.3401 V/m	0.3196 V/m
158	07/17/2013 10:31:03 AM	0.3530 V/m	0.3330 V/m	0.3187 V/m
159	07/17/2013 10:31:13 AM	0.3460 V/m	0.3265 V/m	0.3073 V/m
160	07/17/2013 10:31:23 AM	0.3683 V/m	0.3380 V/m	0.3126 V/m
161	07/17/2013 10:31:33 AM	0.3623 V/m	0.3391 V/m	0.3082 V/m
162	07/17/2013 10:31:43 AM	0.3675 V/m	0.3444 V/m	0.3187 V/m
163	07/17/2013 10:31:53 AM	0.3600 V/m	0.3423 V/m	0.3238 V/m
164	07/17/2013 10:32:03 AM	0.3592 V/m	0.3301 V/m	0.3055 V/m
165	07/17/2013 10:32:13 AM	0.3683 V/m	0.3531 V/m	0.3330 V/m
166	07/17/2013 10:32:23 AM	0.3705 V/m	0.3496 V/m	0.3289 V/m
167	07/17/2013 10:32:33 AM	0.3683 V/m	0.3500 V/m	0.3213 V/m
168	07/17/2013 10:32:43 AM	0.3645 V/m	0.3452 V/m	0.3255 V/m
169	07/17/2013 10:32:53 AM	0.3757 V/m	0.3544 V/m	0.3363 V/m
170	07/17/2013 10:33:03 AM	0.3675 V/m	0.3539 V/m	0.3420 V/m
171	07/17/2013 10:33:13 AM	0.3705 V/m	0.3498 V/m	0.3306 V/m
172	07/17/2013 10:33:23 AM	0.3653 V/m	0.3472 V/m	0.3255 V/m
173	07/17/2013 10:33:33 AM	0.3778 V/m	0.3546 V/m	0.3238 V/m
174	07/17/2013 10:33:43 AM	0.3935 V/m	0.3560 V/m	0.3213 V/m
175	07/17/2013 10:33:53 AM	0.3921 V/m	0.3752 V/m	0.3476 V/m
176	07/17/2013 10:34:03 AM	0.3997 V/m	0.3657 V/m	0.3420 V/m
177	07/17/2013 10:34:13 AM	0.3645 V/m	0.3395 V/m	0.3126 V/m
178	07/17/2013 10:34:23 AM	0.3749 V/m	0.3465 V/m	0.3264 V/m
179	07/17/2013 10:34:33 AM	0.3690 V/m	0.3399 V/m	0.3117 V/m
180	07/17/2013 10:34:43 AM	0.3630 V/m	0.3465 V/m	0.3221 V/m
181	07/17/2013 10:34:53 AM	0.3771 V/m	0.3537 V/m	0.3355 V/m
182	07/17/2013 10:35:03 AM	0.3851 V/m	0.3690 V/m	0.3476 V/m
183	07/17/2013 10:35:13 AM	0.3970 V/m	0.3598 V/m	0.3330 V/m

184	07/17/2013 10:35:23 AM	0.3793 V/m	0.3572 V/m	0.3196 V/m
185	07/17/2013 10:35:33 AM	0.3921 V/m	0.3669 V/m	0.3468 V/m
186	07/17/2013 10:35:43 AM	0.3690 V/m	0.3539 V/m	0.3380 V/m
187	07/17/2013 10:35:53 AM	0.3956 V/m	0.3776 V/m	0.3577 V/m
188	07/17/2013 10:36:03 AM	0.4113 V/m	0.3872 V/m	0.3546 V/m
189	07/17/2013 10:36:13 AM	0.4185 V/m	0.3836 V/m	0.3538 V/m
190	07/17/2013 10:36:23 AM	0.4346 V/m	0.4073 V/m	0.3858 V/m
191	07/17/2013 10:36:33 AM	0.4199 V/m	0.3939 V/m	0.3771 V/m
192	07/17/2013 10:36:43 AM	0.4119 V/m	0.3783 V/m	0.3363 V/m
193	07/17/2013 10:36:53 AM	0.4166 V/m	0.3802 V/m	0.3546 V/m
194	07/17/2013 10:37:03 AM	0.4045 V/m	0.3762 V/m	0.3444 V/m
195	07/17/2013 10:37:13 AM	0.4113 V/m	0.3802 V/m	0.3444 V/m
196	07/17/2013 10:37:23 AM	0.4079 V/m	0.3811 V/m	0.3507 V/m
197	07/17/2013 10:37:33 AM	0.3900 V/m	0.3728 V/m	0.3404 V/m
198	07/17/2013 10:37:43 AM	0.3963 V/m	0.3712 V/m	0.3499 V/m
199	07/17/2013 10:37:53 AM	0.4113 V/m	0.3879 V/m	0.3660 V/m
200	07/17/2013 10:38:03 AM	0.3800 V/m	0.3616 V/m	0.3213 V/m
201	07/17/2013 10:38:13 AM	0.4099 V/m	0.3767 V/m	0.3531 V/m
202	07/17/2013 10:38:23 AM	0.4072 V/m	0.3884 V/m	0.3615 V/m
203	07/17/2013 10:38:33 AM	0.4011 V/m	0.3711 V/m	0.3460 V/m
204	07/17/2013 10:38:43 AM	0.3742 V/m	0.3555 V/m	0.3396 V/m
205	07/17/2013 10:38:53 AM	0.3623 V/m	0.3439 V/m	0.3153 V/m
206	07/17/2013 10:39:03 AM	0.3638 V/m	0.3424 V/m	0.3196 V/m
207	07/17/2013 10:39:13 AM	0.3569 V/m	0.3326 V/m	0.3091 V/m
208	07/17/2013 10:39:23 AM	0.3600 V/m	0.3285 V/m	0.3055 V/m
209	07/17/2013 10:39:33 AM	0.3675 V/m	0.3441 V/m	0.3196 V/m
210	07/17/2013 10:39:43 AM	0.3977 V/m	0.3681 V/m	0.3281 V/m
211	07/17/2013 10:39:53 AM	0.4133 V/m	0.3823 V/m	0.3515 V/m
212	07/17/2013 10:40:03 AM	0.3793 V/m	0.3464 V/m	0.3064 V/m
213	07/17/2013 10:40:13 AM	0.3872 V/m	0.3453 V/m	0.3126 V/m
214	07/17/2013 10:40:23 AM	0.3829 V/m	0.3558 V/m	0.3255 V/m
215	07/17/2013 10:40:33 AM	0.3836 V/m	0.3535 V/m	0.3213 V/m
216	07/17/2013 10:40:43 AM	0.3735 V/m	0.3562 V/m	0.3247 V/m
217	07/17/2013 10:40:53 AM	0.3712 V/m	0.3564 V/m	0.3396 V/m
218	07/17/2013 10:41:03 AM	0.3822 V/m	0.3543 V/m	0.3281 V/m
219	07/17/2013 10:41:13 AM	0.3713 V/m	0.3515 V/m	0.3230 V/m
220	07/17/2013 10:41:23 AM	0.3705 V/m	0.3558 V/m	0.3339 V/m
221	07/17/2013 10:41:33 AM	0.3698 V/m	0.3476 V/m	0.3091 V/m
222	07/17/2013 10:41:43 AM	0.3914 V/m	0.3638 V/m	0.3371 V/m
223	07/17/2013 10:41:53 AM	0.4093 V/m	0.3750 V/m	0.3468 V/m
224	07/17/2013 10:42:03 AM	0.4025 V/m	0.3723 V/m	0.3371 V/m
225	07/17/2013 10:42:13 AM	0.3660 V/m	0.3513 V/m	0.3314 V/m
226	07/17/2013 10:42:23 AM	0.3757 V/m	0.3523 V/m	0.3170 V/m
227	07/17/2013 10:42:33 AM	0.3836 V/m	0.3602 V/m	0.3322 V/m
228	07/17/2013 10:42:43 AM	0.3949 V/m	0.3664 V/m	0.3371 V/m
229	07/17/2013 10:42:53 AM	0.3735 V/m	0.3558 V/m	0.3380 V/m
230	07/17/2013 10:43:03 AM	0.3675 V/m	0.3483 V/m	0.3230 V/m
231	07/17/2013 10:43:13 AM	0.3645 V/m	0.3498 V/m	0.3264 V/m
232	07/17/2013 10:43:23 AM	0.3720 V/m	0.3542 V/m	0.3347 V/m
233	07/17/2013 10:43:33 AM	0.3600 V/m	0.3420 V/m	0.3170 V/m
234	07/17/2013 10:43:43 AM	0.3668 V/m	0.3440 V/m	0.3221 V/m
235	07/17/2013 10:43:53 AM	0.3623 V/m	0.3434 V/m	0.3221 V/m
236	07/17/2013 10:44:03 AM	0.3713 V/m	0.3505 V/m	0.3230 V/m
237	07/17/2013 10:44:13 AM	0.3793 V/m	0.3479 V/m	0.3306 V/m
238	07/17/2013 10:44:23 AM	0.3907 V/m	0.3668 V/m	0.3444 V/m
239	07/17/2013 10:44:33 AM	0.3836 V/m	0.3582 V/m	0.3371 V/m
240	07/17/2013 10:44:43 AM	0.3900 V/m	0.3580 V/m	0.3355 V/m
241	07/17/2013 10:44:53 AM	0.3742 V/m	0.3499 V/m	0.3161 V/m
242	07/17/2013 10:45:03 AM	0.3623 V/m	0.3463 V/m	0.3170 V/m
243	07/17/2013 10:45:13 AM	0.3771 V/m	0.3610 V/m	0.3371 V/m
244	07/17/2013 10:45:23 AM	0.3764 V/m	0.3593 V/m	0.3420 V/m
245	07/17/2013 10:45:33 AM	0.3815 V/m	0.3586 V/m	0.3213 V/m
246	07/17/2013 10:45:43 AM	0.3829 V/m	0.3587 V/m	0.3380 V/m

247	07/17/2013 10:45:53 AM	0.3720 V/m	0.3549 V/m	0.3388 V/m
248	07/17/2013 10:46:03 AM	0.3822 V/m	0.3548 V/m	0.3363 V/m
249	07/17/2013 10:46:13 AM	0.3690 V/m	0.3522 V/m	0.3272 V/m
250	07/17/2013 10:46:23 AM	0.3653 V/m	0.3484 V/m	0.3247 V/m
251	07/17/2013 10:46:33 AM	0.3600 V/m	0.3396 V/m	0.3213 V/m
252	07/17/2013 10:46:43 AM	0.3607 V/m	0.3459 V/m	0.3297 V/m
253	07/17/2013 10:46:53 AM	0.3645 V/m	0.3448 V/m	0.3144 V/m
254	07/17/2013 10:47:03 AM	0.3778 V/m	0.3479 V/m	0.3109 V/m
255	07/17/2013 10:47:13 AM	0.3705 V/m	0.3413 V/m	0.3152 V/m
256	07/17/2013 10:47:23 AM	0.3778 V/m	0.3448 V/m	0.3264 V/m
257	07/17/2013 10:47:33 AM	0.3491 V/m	0.3297 V/m	0.3055 V/m
258	07/17/2013 10:47:43 AM	0.3653 V/m	0.3453 V/m	0.3161 V/m
259	07/17/2013 10:47:53 AM	0.3660 V/m	0.3437 V/m	0.3230 V/m
260	07/17/2013 10:48:03 AM	0.3546 V/m	0.3427 V/m	0.3255 V/m
261	07/17/2013 10:48:13 AM	0.3757 V/m	0.3510 V/m	0.3347 V/m
262	07/17/2013 10:48:23 AM	0.3653 V/m	0.3473 V/m	0.3281 V/m
263	07/17/2013 10:48:33 AM	0.3623 V/m	0.3433 V/m	0.3179 V/m
264	07/17/2013 10:48:43 AM	0.3735 V/m	0.3492 V/m	0.3264 V/m
265	07/17/2013 10:48:53 AM	0.3668 V/m	0.3526 V/m	0.3363 V/m
266	07/17/2013 10:49:03 AM	0.3749 V/m	0.3458 V/m	0.3280 V/m
267	07/17/2013 10:49:13 AM	0.3771 V/m	0.3559 V/m	0.3339 V/m
268	07/17/2013 10:49:23 AM	0.3749 V/m	0.3487 V/m	0.3144 V/m
269	07/17/2013 10:49:33 AM	0.3793 V/m	0.3541 V/m	0.3322 V/m
270	07/17/2013 10:49:43 AM	0.3764 V/m	0.3601 V/m	0.3452 V/m
271	07/17/2013 10:49:53 AM	0.3921 V/m	0.3614 V/m	0.3404 V/m
272	07/17/2013 10:50:03 AM	0.3675 V/m	0.3494 V/m	0.3305 V/m
273	07/17/2013 10:50:13 AM	0.3757 V/m	0.3535 V/m	0.3306 V/m
274	07/17/2013 10:50:23 AM	0.3822 V/m	0.3656 V/m	0.3396 V/m
275	07/17/2013 10:50:33 AM	0.3836 V/m	0.3609 V/m	0.3222 V/m
276	07/17/2013 10:50:43 AM	0.3623 V/m	0.3427 V/m	0.2992 V/m
277	07/17/2013 10:50:53 AM	0.3720 V/m	0.3488 V/m	0.3230 V/m
278	07/17/2013 10:51:03 AM	0.3822 V/m	0.3559 V/m	0.3289 V/m
279	07/17/2013 10:51:13 AM	0.3779 V/m	0.3630 V/m	0.3371 V/m
280	07/17/2013 10:51:23 AM	0.3907 V/m	0.3674 V/m	0.3322 V/m
281	07/17/2013 10:51:33 AM	0.3886 V/m	0.3680 V/m	0.3460 V/m
282	07/17/2013 10:51:43 AM	0.4004 V/m	0.3770 V/m	0.3523 V/m
283	07/17/2013 10:51:53 AM	0.4052 V/m	0.3778 V/m	0.3380 V/m
284	07/17/2013 10:52:03 AM	0.3942 V/m	0.3725 V/m	0.3523 V/m
285	07/17/2013 10:52:13 AM	0.3720 V/m	0.3574 V/m	0.3412 V/m
286	07/17/2013 10:52:23 AM	0.3727 V/m	0.3595 V/m	0.3396 V/m
287	07/17/2013 10:52:33 AM	0.3907 V/m	0.3687 V/m	0.3436 V/m
288	07/17/2013 10:52:43 AM	0.3914 V/m	0.3666 V/m	0.3444 V/m
289	07/17/2013 10:52:53 AM	0.3886 V/m	0.3644 V/m	0.3428 V/m
290	07/17/2013 10:53:03 AM	0.3829 V/m	0.3639 V/m	0.3436 V/m
291	07/17/2013 10:53:13 AM	0.3942 V/m	0.3750 V/m	0.3396 V/m
292	07/17/2013 10:53:23 AM	0.3900 V/m	0.3726 V/m	0.3546 V/m
293	07/17/2013 10:53:33 AM	0.4011 V/m	0.3770 V/m	0.3554 V/m
294	07/17/2013 10:53:43 AM	0.3977 V/m	0.3760 V/m	0.3600 V/m
295	07/17/2013 10:53:53 AM	0.4011 V/m	0.3694 V/m	0.3523 V/m
296	07/17/2013 10:54:03 AM	0.3977 V/m	0.3741 V/m	0.3507 V/m
297	07/17/2013 10:54:13 AM	0.3949 V/m	0.3747 V/m	0.3562 V/m
298	07/17/2013 10:54:23 AM	0.3928 V/m	0.3723 V/m	0.3491 V/m
299	07/17/2013 10:54:33 AM	0.4113 V/m	0.3896 V/m	0.3645 V/m
300	07/17/2013 10:54:43 AM	0.4126 V/m	0.3977 V/m	0.3720 V/m
301	07/17/2013 10:54:53 AM	0.4179 V/m	0.4044 V/m	0.3822 V/m
302	07/17/2013 10:55:03 AM	0.4289 V/m	0.4137 V/m	0.3893 V/m
303	07/17/2013 10:55:13 AM	0.4231 V/m	0.4029 V/m	0.3793 V/m
304	07/17/2013 10:55:23 AM	0.4296 V/m	0.4103 V/m	0.3914 V/m
305	07/17/2013 10:55:33 AM	0.4276 V/m	0.4110 V/m	0.3893 V/m
306	07/17/2013 10:55:43 AM	0.4283 V/m	0.4039 V/m	0.3749 V/m
307	07/17/2013 10:55:53 AM	0.4321 V/m	0.3915 V/m	0.3705 V/m
308	07/17/2013 10:56:03 AM	0.4166 V/m	0.3952 V/m	0.3713 V/m
309	07/17/2013 10:56:13 AM	0.4119 V/m	0.3907 V/m	0.3492 V/m

310	07/17/2013 10:56:23 AM	0.4146 V/m	0.3857 V/m	0.3713 V/m
311	07/17/2013 10:56:33 AM	0.4032 V/m	0.3836 V/m	0.3705 V/m
312	07/17/2013 10:56:43 AM	0.4179 V/m	0.3974 V/m	0.3793 V/m
313	07/17/2013 10:56:53 AM	0.4099 V/m	0.3907 V/m	0.3569 V/m
314	07/17/2013 10:57:03 AM	0.4186 V/m	0.4034 V/m	0.3786 V/m
315	07/17/2013 10:57:13 AM	0.4099 V/m	0.3902 V/m	0.3749 V/m
316	07/17/2013 10:57:23 AM	0.4179 V/m	0.4010 V/m	0.3829 V/m
317	07/17/2013 10:57:33 AM	0.4126 V/m	0.3991 V/m	0.3793 V/m
318	07/17/2013 10:57:43 AM	0.4045 V/m	0.3838 V/m	0.3569 V/m
319	07/17/2013 10:57:53 AM	0.3991 V/m	0.3737 V/m	0.3507 V/m
320	07/17/2013 10:58:03 AM	0.4059 V/m	0.3826 V/m	0.3562 V/m
321	07/17/2013 10:58:13 AM	0.4018 V/m	0.3852 V/m	0.3515 V/m
322	07/17/2013 10:58:23 AM	0.4011 V/m	0.3769 V/m	0.3444 V/m
323	07/17/2013 10:58:33 AM	0.4045 V/m	0.3898 V/m	0.3735 V/m
324	07/17/2013 10:58:43 AM	0.4119 V/m	0.3812 V/m	0.3476 V/m
325	07/17/2013 10:58:53 AM	0.4119 V/m	0.3826 V/m	0.3592 V/m
326	07/17/2013 10:59:03 AM	0.3991 V/m	0.3684 V/m	0.3388 V/m
327	07/17/2013 10:59:13 AM	0.3991 V/m	0.3797 V/m	0.3515 V/m
328	07/17/2013 10:59:23 AM	0.4126 V/m	0.3895 V/m	0.3698 V/m
329	07/17/2013 10:59:33 AM	0.4011 V/m	0.3703 V/m	0.3404 V/m
330	07/17/2013 10:59:43 AM	0.3984 V/m	0.3815 V/m	0.3538 V/m
331	07/17/2013 10:59:53 AM	0.4093 V/m	0.3888 V/m	0.3683 V/m
332	07/17/2013 11:00:03 AM	0.4045 V/m	0.3847 V/m	0.3608 V/m
333	07/17/2013 11:00:13 AM	0.3977 V/m	0.3716 V/m	0.3428 V/m
334	07/17/2013 11:00:23 AM	0.4072 V/m	0.3836 V/m	0.3484 V/m
335	07/17/2013 11:00:33 AM	0.4032 V/m	0.3783 V/m	0.3492 V/m
336	07/17/2013 11:00:43 AM	0.3914 V/m	0.3537 V/m	0.3289 V/m
337	07/17/2013 11:00:53 AM	0.3914 V/m	0.3722 V/m	0.3538 V/m
338	07/17/2013 11:01:03 AM	0.4093 V/m	0.3806 V/m	0.3531 V/m
339	07/17/2013 11:01:13 AM	0.3893 V/m	0.3647 V/m	0.3412 V/m
340	07/17/2013 11:01:23 AM	0.3970 V/m	0.3771 V/m	0.3554 V/m
341	07/17/2013 11:01:33 AM	0.4106 V/m	0.3908 V/m	0.3705 V/m
342	07/17/2013 11:01:43 AM	0.4302 V/m	0.3949 V/m	0.3585 V/m
343	07/17/2013 11:01:53 AM	0.4066 V/m	0.3842 V/m	0.3623 V/m
344	07/17/2013 11:02:03 AM	0.3970 V/m	0.3747 V/m	0.3436 V/m
345	07/17/2013 11:02:13 AM	0.3764 V/m	0.3548 V/m	0.3322 V/m
346	07/17/2013 11:02:23 AM	0.3991 V/m	0.3755 V/m	0.3444 V/m
347	07/17/2013 11:02:33 AM	0.4025 V/m	0.3737 V/m	0.3499 V/m
348	07/17/2013 11:02:43 AM	0.4126 V/m	0.3849 V/m	0.3577 V/m
349	07/17/2013 11:02:53 AM	0.4270 V/m	0.3894 V/m	0.3630 V/m
350	07/17/2013 11:03:03 AM	0.3984 V/m	0.3745 V/m	0.3484 V/m
351	07/17/2013 11:03:13 AM	0.4045 V/m	0.3769 V/m	0.3444 V/m
352	07/17/2013 11:03:23 AM	0.4231 V/m	0.3863 V/m	0.3515 V/m
353	07/17/2013 11:03:33 AM	0.4225 V/m	0.3954 V/m	0.3592 V/m
354	07/17/2013 11:03:43 AM	0.4113 V/m	0.3864 V/m	0.3645 V/m
355	07/17/2013 11:03:53 AM	0.4038 V/m	0.3831 V/m	0.3645 V/m
356	07/17/2013 11:04:03 AM	0.4045 V/m	0.3849 V/m	0.3645 V/m
357	07/17/2013 11:04:13 AM	0.3914 V/m	0.3674 V/m	0.3452 V/m
358	07/17/2013 11:04:23 AM	0.3786 V/m	0.3535 V/m	0.3239 V/m
359	07/17/2013 11:04:33 AM	0.3949 V/m	0.3612 V/m	0.3306 V/m
360	07/17/2013 11:04:43 AM	0.4052 V/m	0.3719 V/m	0.3531 V/m
361	07/17/2013 11:04:53 AM	0.3808 V/m	0.3580 V/m	0.3404 V/m
362	07/17/2013 11:05:03 AM	0.3727 V/m	0.3534 V/m	0.3187 V/m
363	07/17/2013 11:05:13 AM	0.3822 V/m	0.3531 V/m	0.3264 V/m
364	07/17/2013 11:05:23 AM	0.3822 V/m	0.3574 V/m	0.3306 V/m
365	07/17/2013 11:05:33 AM	0.3858 V/m	0.3586 V/m	0.3289 V/m
366	07/17/2013 11:05:43 AM	0.3928 V/m	0.3646 V/m	0.3372 V/m
367	07/17/2013 11:05:53 AM	0.3764 V/m	0.3547 V/m	0.3322 V/m
368	07/17/2013 11:06:03 AM	0.3836 V/m	0.3686 V/m	0.3515 V/m
369	07/17/2013 11:06:13 AM	0.3800 V/m	0.3607 V/m	0.3371 V/m
370	07/17/2013 11:06:23 AM	0.3815 V/m	0.3562 V/m	0.3322 V/m
371	07/17/2013 11:06:33 AM	0.3690 V/m	0.3447 V/m	0.3126 V/m
372	07/17/2013 11:06:43 AM	0.3705 V/m	0.3522 V/m	0.3355 V/m

373	07/17/2013 11:06:53 AM	0.3757 V/m	0.3527 V/m	0.3153 V/m
374	07/17/2013 11:07:03 AM	0.4126 V/m	0.3771 V/m	0.3476 V/m
375	07/17/2013 11:07:13 AM	0.4059 V/m	0.3812 V/m	0.3630 V/m
376	07/17/2013 11:07:23 AM	0.3822 V/m	0.3615 V/m	0.3355 V/m
377	07/17/2013 11:07:33 AM	0.3779 V/m	0.3494 V/m	0.3144 V/m
378	07/17/2013 11:07:43 AM	0.3836 V/m	0.3592 V/m	0.3347 V/m
379	07/17/2013 11:07:53 AM	0.3991 V/m	0.3764 V/m	0.3577 V/m
380	07/17/2013 11:08:03 AM	0.3698 V/m	0.3444 V/m	0.3213 V/m
381	07/17/2013 11:08:13 AM	0.3623 V/m	0.3352 V/m	0.3055 V/m
382	07/17/2013 11:08:23 AM	0.3592 V/m	0.3389 V/m	0.3230 V/m
383	07/17/2013 11:08:33 AM	0.3921 V/m	0.3539 V/m	0.3187 V/m
384	07/17/2013 11:08:43 AM	0.4079 V/m	0.3927 V/m	0.3562 V/m
385	07/17/2013 11:08:53 AM	0.4126 V/m	0.3900 V/m	0.3690 V/m
386	07/17/2013 11:09:03 AM	0.4185 V/m	0.3893 V/m	0.3668 V/m
387	07/17/2013 11:09:13 AM	0.3893 V/m	0.3609 V/m	0.3396 V/m
388	07/17/2013 11:09:23 AM	0.3865 V/m	0.3621 V/m	0.3388 V/m
389	07/17/2013 11:09:33 AM	0.4113 V/m	0.3810 V/m	0.3538 V/m
390	07/17/2013 11:09:43 AM	0.4072 V/m	0.3729 V/m	0.3347 V/m
391	07/17/2013 11:09:53 AM	0.4011 V/m	0.3754 V/m	0.3420 V/m
392	07/17/2013 11:10:03 AM	0.3800 V/m	0.3603 V/m	0.3238 V/m
393	07/17/2013 11:10:13 AM	0.3921 V/m	0.3653 V/m	0.3396 V/m
394	07/17/2013 11:10:23 AM	0.3879 V/m	0.3586 V/m	0.3363 V/m
395	07/17/2013 11:10:33 AM	0.3668 V/m	0.3505 V/m	0.3322 V/m
396	07/17/2013 11:10:43 AM	0.3786 V/m	0.3561 V/m	0.3264 V/m
397	07/17/2013 11:10:53 AM	0.4004 V/m	0.3750 V/m	0.3436 V/m
398	07/17/2013 11:11:03 AM	0.3886 V/m	0.3684 V/m	0.3452 V/m
399	07/17/2013 11:11:13 AM	0.3942 V/m	0.3718 V/m	0.3499 V/m
400	07/17/2013 11:11:23 AM	0.3865 V/m	0.3648 V/m	0.3404 V/m
401	07/17/2013 11:11:33 AM	0.3742 V/m	0.3487 V/m	0.3264 V/m
402	07/17/2013 11:11:43 AM	0.3630 V/m	0.3405 V/m	0.3153 V/m
403	07/17/2013 11:11:53 AM	0.3900 V/m	0.3653 V/m	0.3452 V/m
404	07/17/2013 11:12:03 AM	0.3843 V/m	0.3582 V/m	0.3306 V/m
405	07/17/2013 11:12:13 AM	0.3829 V/m	0.3606 V/m	0.3355 V/m
406	07/17/2013 11:12:23 AM	0.3800 V/m	0.3605 V/m	0.3355 V/m
407	07/17/2013 11:12:33 AM	0.3829 V/m	0.3593 V/m	0.3380 V/m
408	07/17/2013 11:12:43 AM	0.3800 V/m	0.3566 V/m	0.3322 V/m
409	07/17/2013 11:12:53 AM	0.3764 V/m	0.3506 V/m	0.3213 V/m
410	07/17/2013 11:13:03 AM	0.3815 V/m	0.3609 V/m	0.3380 V/m
411	07/17/2013 11:13:13 AM	0.3720 V/m	0.3558 V/m	0.3289 V/m
412	07/17/2013 11:13:23 AM	0.3793 V/m	0.3577 V/m	0.3297 V/m
413	07/17/2013 11:13:33 AM	0.3771 V/m	0.3593 V/m	0.3339 V/m
414	07/17/2013 11:13:43 AM	0.3705 V/m	0.3522 V/m	0.3339 V/m
415	07/17/2013 11:13:53 AM	0.3705 V/m	0.3471 V/m	0.3281 V/m
416	07/17/2013 11:14:03 AM	0.3977 V/m	0.3735 V/m	0.3484 V/m
417	07/17/2013 11:14:13 AM	0.3956 V/m	0.3738 V/m	0.3592 V/m
418	07/17/2013 11:14:23 AM	0.3771 V/m	0.3632 V/m	0.3460 V/m
419	07/17/2013 11:14:33 AM	0.3764 V/m	0.3577 V/m	0.3428 V/m
420	07/17/2013 11:14:43 AM	0.3749 V/m	0.3568 V/m	0.3420 V/m
421	07/17/2013 11:14:53 AM	0.3771 V/m	0.3566 V/m	0.3331 V/m
422	07/17/2013 11:15:03 AM	0.3727 V/m	0.3564 V/m	0.3380 V/m
423	07/17/2013 11:15:13 AM	0.3815 V/m	0.3624 V/m	0.3428 V/m
424	07/17/2013 11:15:23 AM	0.3815 V/m	0.3575 V/m	0.3264 V/m
425	07/17/2013 11:15:33 AM	0.3735 V/m	0.3583 V/m	0.3428 V/m
426	07/17/2013 11:15:43 AM	0.3815 V/m	0.3558 V/m	0.3347 V/m
427	07/17/2013 11:15:53 AM	0.3749 V/m	0.3537 V/m	0.3281 V/m
428	07/17/2013 11:16:03 AM	0.3749 V/m	0.3584 V/m	0.3420 V/m
429	07/17/2013 11:16:13 AM	0.3858 V/m	0.3576 V/m	0.3371 V/m
430	07/17/2013 11:16:23 AM	0.3815 V/m	0.3613 V/m	0.3412 V/m
431	07/17/2013 11:16:33 AM	0.3900 V/m	0.3659 V/m	0.3355 V/m
432	07/17/2013 11:16:43 AM	0.3757 V/m	0.3540 V/m	0.3314 V/m
433	07/17/2013 11:16:53 AM	0.3713 V/m	0.3505 V/m	0.3019 V/m
434	07/17/2013 11:17:03 AM	0.3829 V/m	0.3634 V/m	0.3396 V/m
435	07/17/2013 11:17:13 AM	0.3786 V/m	0.3541 V/m	0.3289 V/m

436	07/17/2013 11:17:23 AM	0.3829 V/m	0.3600 V/m	0.3339 V/m
437	07/17/2013 11:17:33 AM	0.3872 V/m	0.3585 V/m	0.3380 V/m
438	07/17/2013 11:17:43 AM	0.3970 V/m	0.3729 V/m	0.3577 V/m
439	07/17/2013 11:17:53 AM	0.4106 V/m	0.3886 V/m	0.3668 V/m
440	07/17/2013 11:18:03 AM	0.4218 V/m	0.3980 V/m	0.3683 V/m
441	07/17/2013 11:18:13 AM	0.4159 V/m	0.3954 V/m	0.3786 V/m
442	07/17/2013 11:18:23 AM	0.4066 V/m	0.3858 V/m	0.3661 V/m
443	07/17/2013 11:18:33 AM	0.4025 V/m	0.3842 V/m	0.3660 V/m
444	07/17/2013 11:18:43 AM	0.4186 V/m	0.3836 V/m	0.3600 V/m
445	07/17/2013 11:18:53 AM	0.4004 V/m	0.3778 V/m	0.3492 V/m
446	07/17/2013 11:19:03 AM	0.4045 V/m	0.3814 V/m	0.3523 V/m
447	07/17/2013 11:19:13 AM	0.4079 V/m	0.3834 V/m	0.3562 V/m
448	07/17/2013 11:19:23 AM	0.3956 V/m	0.3770 V/m	0.3554 V/m
449	07/17/2013 11:19:33 AM	0.4225 V/m	0.3952 V/m	0.3705 V/m
450	07/17/2013 11:19:43 AM	0.4212 V/m	0.4049 V/m	0.3779 V/m
451	07/17/2013 11:19:53 AM	0.4205 V/m	0.3799 V/m	0.3484 V/m
452	07/17/2013 11:20:03 AM	0.4059 V/m	0.3802 V/m	0.3623 V/m
453	07/17/2013 11:20:13 AM	0.3893 V/m	0.3697 V/m	0.3436 V/m
454	07/17/2013 11:20:23 AM	0.3872 V/m	0.3642 V/m	0.3412 V/m
455	07/17/2013 11:20:33 AM	0.3865 V/m	0.3664 V/m	0.3492 V/m
456	07/17/2013 11:20:43 AM	0.3865 V/m	0.3629 V/m	0.3331 V/m
457	07/17/2013 11:20:53 AM	0.3998 V/m	0.3770 V/m	0.3444 V/m
458	07/17/2013 11:21:03 AM	0.4045 V/m	0.3848 V/m	0.3638 V/m
459	07/17/2013 11:21:13 AM	0.4079 V/m	0.3823 V/m	0.3615 V/m
460	07/17/2013 11:21:23 AM	0.4146 V/m	0.3951 V/m	0.3698 V/m
461	07/17/2013 11:21:33 AM	0.4257 V/m	0.3929 V/m	0.3676 V/m
462	07/17/2013 11:21:43 AM	0.4086 V/m	0.3790 V/m	0.3460 V/m
463	07/17/2013 11:21:53 AM	0.3771 V/m	0.3612 V/m	0.3404 V/m
464	07/17/2013 11:22:03 AM	0.3800 V/m	0.3602 V/m	0.3396 V/m
465	07/17/2013 11:22:13 AM	0.3742 V/m	0.3561 V/m	0.3380 V/m
466	07/17/2013 11:22:23 AM	0.3800 V/m	0.3584 V/m	0.3372 V/m
467	07/17/2013 11:22:33 AM	0.3742 V/m	0.3573 V/m	0.3306 V/m
468	07/17/2013 11:22:43 AM	0.3720 V/m	0.3482 V/m	0.3170 V/m
469	07/17/2013 11:22:53 AM	0.3735 V/m	0.3616 V/m	0.3420 V/m
470	07/17/2013 11:23:03 AM	0.3956 V/m	0.3718 V/m	0.3428 V/m
471	07/17/2013 11:23:13 AM	0.3928 V/m	0.3787 V/m	0.3546 V/m
472	07/17/2013 11:23:23 AM	0.3858 V/m	0.3594 V/m	0.3339 V/m
473	07/17/2013 11:23:33 AM	0.3851 V/m	0.3595 V/m	0.3363 V/m
474	07/17/2013 11:23:43 AM	0.3683 V/m	0.3556 V/m	0.3347 V/m
475	07/17/2013 11:23:53 AM	0.3900 V/m	0.3686 V/m	0.3460 V/m
476	07/17/2013 11:24:03 AM	0.4018 V/m	0.3767 V/m	0.3523 V/m
477	07/17/2013 11:24:13 AM	0.3829 V/m	0.3596 V/m	0.3396 V/m
478	07/17/2013 11:24:23 AM	0.3713 V/m	0.3588 V/m	0.3380 V/m
479	07/17/2013 11:24:33 AM	0.3660 V/m	0.3503 V/m	0.3306 V/m
480	07/17/2013 11:24:43 AM	0.3727 V/m	0.3509 V/m	0.3322 V/m
481	07/17/2013 11:24:53 AM	0.3698 V/m	0.3534 V/m	0.3289 V/m
482	07/17/2013 11:25:03 AM	0.3630 V/m	0.3403 V/m	0.3118 V/m
483	07/17/2013 11:25:13 AM	0.3921 V/m	0.3545 V/m	0.3355 V/m
484	07/17/2013 11:25:23 AM	0.3683 V/m	0.3508 V/m	0.3355 V/m
485	07/17/2013 11:25:33 AM	0.3690 V/m	0.3528 V/m	0.3355 V/m
486	07/17/2013 11:25:43 AM	0.3779 V/m	0.3582 V/m	0.3436 V/m
487	07/17/2013 11:25:53 AM	0.3851 V/m	0.3657 V/m	0.3460 V/m
488	07/17/2013 11:26:03 AM	0.3764 V/m	0.3602 V/m	0.3428 V/m
489	07/17/2013 11:26:13 AM	0.3757 V/m	0.3590 V/m	0.3371 V/m
490	07/17/2013 11:26:23 AM	0.3779 V/m	0.3594 V/m	0.3412 V/m
491	07/17/2013 11:26:33 AM	0.3851 V/m	0.3618 V/m	0.3484 V/m
492	07/17/2013 11:26:43 AM	0.3705 V/m	0.3537 V/m	0.3355 V/m
493	07/17/2013 11:26:53 AM	0.3690 V/m	0.3490 V/m	0.3306 V/m
494	07/17/2013 11:27:03 AM	0.3749 V/m	0.3456 V/m	0.3281 V/m
495	07/17/2013 11:27:13 AM	0.3808 V/m	0.3576 V/m	0.3314 V/m
496	07/17/2013 11:27:23 AM	0.3879 V/m	0.3630 V/m	0.3420 V/m
497	07/17/2013 11:27:33 AM	0.3727 V/m	0.3568 V/m	0.3355 V/m
498	07/17/2013 11:27:43 AM	0.4052 V/m	0.3816 V/m	0.3499 V/m

499	07/17/2013 11:27:53 AM	0.3935 V/m	0.3742 V/m	0.3444 V/m
500	07/17/2013 11:28:03 AM	0.3858 V/m	0.3613 V/m	0.3355 V/m
501	07/17/2013 11:28:13 AM	0.3793 V/m	0.3645 V/m	0.3507 V/m
502	07/17/2013 11:28:23 AM	0.3836 V/m	0.3634 V/m	0.3396 V/m
503	07/17/2013 11:28:33 AM	0.3893 V/m	0.3606 V/m	0.3247 V/m
504	07/17/2013 11:28:43 AM	0.3963 V/m	0.3722 V/m	0.3531 V/m
505	07/17/2013 11:28:53 AM	0.3836 V/m	0.3710 V/m	0.3538 V/m
506	07/17/2013 11:29:03 AM	0.3872 V/m	0.3680 V/m	0.3468 V/m
507	07/17/2013 11:29:13 AM	0.3851 V/m	0.3609 V/m	0.3412 V/m
508	07/17/2013 11:29:23 AM	0.3683 V/m	0.3499 V/m	0.3289 V/m
509	07/17/2013 11:29:33 AM	0.3928 V/m	0.3693 V/m	0.3476 V/m
510	07/17/2013 11:29:43 AM	0.3705 V/m	0.3548 V/m	0.3264 V/m
511	07/17/2013 11:29:53 AM	0.3727 V/m	0.3441 V/m	0.3091 V/m
512	07/17/2013 11:30:03 AM	0.3638 V/m	0.3459 V/m	0.3297 V/m
513	07/17/2013 11:30:13 AM	0.3742 V/m	0.3515 V/m	0.3281 V/m
514	07/17/2013 11:30:23 AM	0.3800 V/m	0.3613 V/m	0.3371 V/m
515	07/17/2013 11:30:33 AM	0.3720 V/m	0.3546 V/m	0.3330 V/m
516	07/17/2013 11:30:43 AM	0.4634 V/m	0.3720 V/m	0.3363 V/m
517	07/17/2013 11:30:53 AM	0.4086 V/m	0.3765 V/m	0.3554 V/m
518	07/17/2013 11:31:03 AM	0.4032 V/m	0.3669 V/m	0.3412 V/m
519	07/17/2013 11:31:13 AM	0.3727 V/m	0.3569 V/m	0.3264 V/m
520	07/17/2013 11:31:23 AM	0.3865 V/m	0.3637 V/m	0.3363 V/m
521	07/17/2013 11:31:33 AM	0.3963 V/m	0.3625 V/m	0.3452 V/m
522	07/17/2013 11:31:43 AM	0.3942 V/m	0.3660 V/m	0.3452 V/m
523	07/17/2013 11:31:53 AM	0.3977 V/m	0.3746 V/m	0.3476 V/m
524	07/17/2013 11:32:03 AM	0.3858 V/m	0.3660 V/m	0.3428 V/m
525	07/17/2013 11:32:13 AM	0.3991 V/m	0.3684 V/m	0.3484 V/m
526	07/17/2013 11:32:23 AM	0.3771 V/m	0.3519 V/m	0.3255 V/m
527	07/17/2013 11:32:33 AM	0.3808 V/m	0.3552 V/m	0.3281 V/m
528	07/17/2013 11:32:43 AM	0.3742 V/m	0.3582 V/m	0.3330 V/m
529	07/17/2013 11:32:53 AM	0.3977 V/m	0.3575 V/m	0.3404 V/m
530	07/17/2013 11:33:03 AM	0.3735 V/m	0.3506 V/m	0.3230 V/m
531	07/17/2013 11:33:13 AM	0.3914 V/m	0.3546 V/m	0.3363 V/m
532	07/17/2013 11:33:23 AM	0.3757 V/m	0.3449 V/m	0.3170 V/m
533	07/17/2013 11:33:33 AM	0.3735 V/m	0.3527 V/m	0.3363 V/m
534	07/17/2013 11:33:43 AM	0.3851 V/m	0.3624 V/m	0.3404 V/m
535	07/17/2013 11:33:53 AM	0.3764 V/m	0.3597 V/m	0.3412 V/m
536	07/17/2013 11:34:03 AM	0.3822 V/m	0.3646 V/m	0.3380 V/m
537	07/17/2013 11:34:13 AM	0.4119 V/m	0.3765 V/m	0.3507 V/m
538	07/17/2013 11:34:23 AM	0.3907 V/m	0.3661 V/m	0.3420 V/m
539	07/17/2013 11:34:33 AM	0.3851 V/m	0.3636 V/m	0.3468 V/m
540	07/17/2013 11:34:43 AM	0.3928 V/m	0.3651 V/m	0.3322 V/m
541	07/17/2013 11:34:53 AM	0.3865 V/m	0.3609 V/m	0.3388 V/m
542	07/17/2013 11:35:03 AM	0.3836 V/m	0.3673 V/m	0.3484 V/m
543	07/17/2013 11:35:13 AM	0.4072 V/m	0.3781 V/m	0.3499 V/m
544	07/17/2013 11:35:23 AM	0.4106 V/m	0.3753 V/m	0.3396 V/m
545	07/17/2013 11:35:33 AM	0.3970 V/m	0.3787 V/m	0.3491 V/m
546	07/17/2013 11:35:43 AM	0.4072 V/m	0.3821 V/m	0.3554 V/m
547	07/17/2013 11:35:53 AM	0.3956 V/m	0.3667 V/m	0.3388 V/m
548	07/17/2013 11:36:03 AM	0.3858 V/m	0.3660 V/m	0.3297 V/m
549	07/17/2013 11:36:13 AM	0.3764 V/m	0.3581 V/m	0.3187 V/m
550	07/17/2013 11:36:23 AM	0.4032 V/m	0.3724 V/m	0.3314 V/m
551	07/17/2013 11:36:33 AM	0.4212 V/m	0.4011 V/m	0.3749 V/m
552	07/17/2013 11:36:43 AM	0.3907 V/m	0.3772 V/m	0.3600 V/m
553	07/17/2013 11:36:53 AM	0.3921 V/m	0.3643 V/m	0.3347 V/m
554	07/17/2013 11:37:03 AM	0.3865 V/m	0.3668 V/m	0.3347 V/m
555	07/17/2013 11:37:13 AM	0.3949 V/m	0.3688 V/m	0.3388 V/m
556	07/17/2013 11:37:23 AM	0.3949 V/m	0.3643 V/m	0.3412 V/m
557	07/17/2013 11:37:33 AM	0.3963 V/m	0.3695 V/m	0.3363 V/m
558	07/17/2013 11:37:43 AM	0.3970 V/m	0.3748 V/m	0.3523 V/m
559	07/17/2013 11:37:53 AM	0.4025 V/m	0.3791 V/m	0.3585 V/m
560	07/17/2013 11:38:03 AM	0.4126 V/m	0.3817 V/m	0.3314 V/m
561	07/17/2013 11:38:13 AM	0.4218 V/m	0.3942 V/m	0.3653 V/m

562	07/17/2013 11:38:23 AM	0.4119 V/m	0.3780 V/m	0.3546 V/m
563	07/17/2013 11:38:33 AM	0.3900 V/m	0.3607 V/m	0.3247 V/m
564	07/17/2013 11:38:43 AM	0.3949 V/m	0.3583 V/m	0.3272 V/m
565	07/17/2013 11:38:53 AM	0.3984 V/m	0.3714 V/m	0.3468 V/m
566	07/17/2013 11:39:03 AM	0.4018 V/m	0.3674 V/m	0.3371 V/m
567	07/17/2013 11:39:13 AM	0.4106 V/m	0.3861 V/m	0.3569 V/m
568	07/17/2013 11:39:23 AM	0.3991 V/m	0.3710 V/m	0.3297 V/m
569	07/17/2013 11:39:33 AM	0.4032 V/m	0.3663 V/m	0.3371 V/m
570	07/17/2013 11:39:43 AM	0.3942 V/m	0.3583 V/m	0.3355 V/m
571	07/17/2013 11:39:53 AM	0.3865 V/m	0.3552 V/m	0.3170 V/m
572	07/17/2013 11:40:03 AM	0.3822 V/m	0.3553 V/m	0.3339 V/m
573	07/17/2013 11:40:13 AM	0.3858 V/m	0.3584 V/m	0.3281 V/m
574	07/17/2013 11:40:23 AM	0.3893 V/m	0.3665 V/m	0.3380 V/m
575	07/17/2013 11:40:33 AM	0.3970 V/m	0.3755 V/m	0.3531 V/m
576	07/17/2013 11:40:43 AM	0.3886 V/m	0.3589 V/m	0.3306 V/m
577	07/17/2013 11:40:53 AM	0.3942 V/m	0.3695 V/m	0.3420 V/m
578	07/17/2013 11:41:03 AM	0.3900 V/m	0.3707 V/m	0.3491 V/m
579	07/17/2013 11:41:13 AM	0.3793 V/m	0.3628 V/m	0.3444 V/m
580	07/17/2013 11:41:23 AM	0.3720 V/m	0.3552 V/m	0.3306 V/m
581	07/17/2013 11:41:33 AM	0.3921 V/m	0.3690 V/m	0.3396 V/m
582	07/17/2013 11:41:43 AM	0.4072 V/m	0.3819 V/m	0.3499 V/m
583	07/17/2013 11:41:53 AM	0.3956 V/m	0.3578 V/m	0.3297 V/m
584	07/17/2013 11:42:03 AM	0.3764 V/m	0.3557 V/m	0.3238 V/m
585	07/17/2013 11:42:13 AM	0.3921 V/m	0.3670 V/m	0.3347 V/m
586	07/17/2013 11:42:23 AM	0.3764 V/m	0.3498 V/m	0.3306 V/m
587	07/17/2013 11:42:33 AM	0.3749 V/m	0.3552 V/m	0.3396 V/m
588	07/17/2013 11:42:43 AM	0.3829 V/m	0.3629 V/m	0.3221 V/m
589	07/17/2013 11:42:53 AM	0.4045 V/m	0.3731 V/m	0.3396 V/m
590	07/17/2013 11:43:03 AM	0.3836 V/m	0.3656 V/m	0.3476 V/m
591	07/17/2013 11:43:13 AM	0.4099 V/m	0.3766 V/m	0.3577 V/m
592	07/17/2013 11:43:23 AM	0.3786 V/m	0.3601 V/m	0.3347 V/m
593	07/17/2013 11:43:33 AM	0.3771 V/m	0.3593 V/m	0.3221 V/m
594	07/17/2013 11:43:43 AM	0.3935 V/m	0.3637 V/m	0.3380 V/m
595	07/17/2013 11:43:53 AM	0.3800 V/m	0.3582 V/m	0.3330 V/m
596	07/17/2013 11:44:03 AM	0.3900 V/m	0.3658 V/m	0.3247 V/m
597	07/17/2013 11:44:13 AM	0.3907 V/m	0.3553 V/m	0.3272 V/m
598	07/17/2013 11:44:23 AM	0.4018 V/m	0.3764 V/m	0.3491 V/m
599	07/17/2013 11:44:33 AM	0.3928 V/m	0.3704 V/m	0.3523 V/m
600	07/17/2013 11:44:43 AM	0.3935 V/m	0.3753 V/m	0.3546 V/m
601	07/17/2013 11:44:53 AM	0.3956 V/m	0.3757 V/m	0.3476 V/m
602	07/17/2013 11:45:03 AM	0.4032 V/m	0.3772 V/m	0.3531 V/m
603	07/17/2013 11:45:13 AM	0.4004 V/m	0.3795 V/m	0.3546 V/m
604	07/17/2013 11:45:23 AM	0.4045 V/m	0.3773 V/m	0.3314 V/m
605	07/17/2013 11:45:33 AM	0.3771 V/m	0.3525 V/m	0.3297 V/m
606	07/17/2013 11:45:43 AM	0.3836 V/m	0.3505 V/m	0.3144 V/m
607	07/17/2013 11:45:53 AM	0.4153 V/m	0.3867 V/m	0.3592 V/m
608	07/17/2013 11:46:03 AM	0.4011 V/m	0.3797 V/m	0.3476 V/m
609	07/17/2013 11:46:13 AM	0.3829 V/m	0.3525 V/m	0.3289 V/m
610	07/17/2013 11:46:23 AM	0.4004 V/m	0.3691 V/m	0.3371 V/m
611	07/17/2013 11:46:33 AM	0.3921 V/m	0.3696 V/m	0.3372 V/m
612	07/17/2013 11:46:43 AM	0.3843 V/m	0.3621 V/m	0.3371 V/m
613	07/17/2013 11:46:53 AM	0.3829 V/m	0.3562 V/m	0.3330 V/m
614	07/17/2013 11:47:03 AM	0.3800 V/m	0.3643 V/m	0.3404 V/m
615	07/17/2013 11:47:13 AM	0.3779 V/m	0.3577 V/m	0.3355 V/m
616	07/17/2013 11:47:23 AM	0.3815 V/m	0.3585 V/m	0.3372 V/m
617	07/17/2013 11:47:33 AM	0.3956 V/m	0.3661 V/m	0.3436 V/m
618	07/17/2013 11:47:43 AM	0.3749 V/m	0.3466 V/m	0.3153 V/m
619	07/17/2013 11:47:53 AM	0.3608 V/m	0.3438 V/m	0.3196 V/m
620	07/17/2013 11:48:03 AM	0.3757 V/m	0.3405 V/m	0.3179 V/m
621	07/17/2013 11:48:13 AM	0.3771 V/m	0.3365 V/m	0.3144 V/m
622	07/17/2013 11:48:23 AM	0.3592 V/m	0.3401 V/m	0.3196 V/m
623	07/17/2013 11:48:33 AM	0.3646 V/m	0.3440 V/m	0.3230 V/m
624	07/17/2013 11:48:43 AM	0.3727 V/m	0.3554 V/m	0.3380 V/m

625	07/17/2013 11:48:53 AM	0.3661 V/m	0.3433 V/m	0.3144 V/m
626	07/17/2013 11:49:03 AM	0.3577 V/m	0.3454 V/m	0.3297 V/m
627	07/17/2013 11:49:13 AM	0.3600 V/m	0.3396 V/m	0.3187 V/m
628	07/17/2013 11:49:23 AM	0.3984 V/m	0.3606 V/m	0.3372 V/m
629	07/17/2013 11:49:33 AM	0.3645 V/m	0.3496 V/m	0.3331 V/m
630	07/17/2013 11:49:43 AM	0.3668 V/m	0.3473 V/m	0.3222 V/m
631	07/17/2013 11:49:53 AM	0.3705 V/m	0.3453 V/m	0.3196 V/m
632	07/17/2013 11:50:03 AM	0.3569 V/m	0.3411 V/m	0.3239 V/m
633	07/17/2013 11:50:13 AM	0.3592 V/m	0.3407 V/m	0.3239 V/m
634	07/17/2013 11:50:23 AM	0.3623 V/m	0.3449 V/m	0.3204 V/m
635	07/17/2013 11:50:33 AM	0.3705 V/m	0.3468 V/m	0.3247 V/m
636	07/17/2013 11:50:43 AM	0.3630 V/m	0.3477 V/m	0.3187 V/m
637	07/17/2013 11:50:53 AM	0.3793 V/m	0.3533 V/m	0.3322 V/m
638	07/17/2013 11:51:03 AM	0.3786 V/m	0.3566 V/m	0.3255 V/m
639	07/17/2013 11:51:13 AM	0.3735 V/m	0.3520 V/m	0.3118 V/m
640	07/17/2013 11:51:23 AM	0.3949 V/m	0.3611 V/m	0.3289 V/m
641	07/17/2013 11:51:33 AM	0.3858 V/m	0.3642 V/m	0.3306 V/m
642	07/17/2013 11:51:43 AM	0.3683 V/m	0.3541 V/m	0.3297 V/m
643	07/17/2013 11:51:53 AM	0.3808 V/m	0.3567 V/m	0.3355 V/m
644	07/17/2013 11:52:03 AM	0.3779 V/m	0.3578 V/m	0.3396 V/m
645	07/17/2013 11:52:13 AM	0.3742 V/m	0.3529 V/m	0.3306 V/m
646	07/17/2013 11:52:23 AM	0.3757 V/m	0.3539 V/m	0.3222 V/m
647	07/17/2013 11:52:33 AM	0.3886 V/m	0.3599 V/m	0.3404 V/m
648	07/17/2013 11:52:43 AM	0.3949 V/m	0.3674 V/m	0.3436 V/m
649	07/17/2013 11:52:53 AM	0.4011 V/m	0.3849 V/m	0.3600 V/m
650	07/17/2013 11:53:03 AM	0.4192 V/m	0.3901 V/m	0.3515 V/m
651	07/17/2013 11:53:13 AM	0.3907 V/m	0.3732 V/m	0.3538 V/m
652	07/17/2013 11:53:23 AM	0.3893 V/m	0.3720 V/m	0.3460 V/m
653	07/17/2013 11:53:33 AM	0.3977 V/m	0.3779 V/m	0.3585 V/m
654	07/17/2013 11:53:43 AM	0.4039 V/m	0.3820 V/m	0.3698 V/m
655	07/17/2013 11:53:53 AM	0.4025 V/m	0.3850 V/m	0.3653 V/m
656	07/17/2013 11:54:03 AM	0.4011 V/m	0.3746 V/m	0.3546 V/m
657	07/17/2013 11:54:13 AM	0.3921 V/m	0.3668 V/m	0.3444 V/m
658	07/17/2013 11:54:23 AM	0.3963 V/m	0.3757 V/m	0.3562 V/m
659	07/17/2013 11:54:33 AM	0.4039 V/m	0.3792 V/m	0.3546 V/m
660	07/17/2013 11:54:43 AM	0.4093 V/m	0.3909 V/m	0.3569 V/m
661	07/17/2013 11:54:53 AM	0.4045 V/m	0.3782 V/m	0.3484 V/m
662	07/17/2013 11:55:03 AM	0.3984 V/m	0.3774 V/m	0.3515 V/m
663	07/17/2013 11:55:13 AM	0.4086 V/m	0.3860 V/m	0.3538 V/m
664	07/17/2013 11:55:23 AM	0.4225 V/m	0.3988 V/m	0.3735 V/m
665	07/17/2013 11:55:33 AM	0.4347 V/m	0.4100 V/m	0.3757 V/m
666	07/17/2013 11:55:43 AM	0.4372 V/m	0.4120 V/m	0.3928 V/m
667	07/17/2013 11:55:53 AM	0.4192 V/m	0.3896 V/m	0.3690 V/m
668	07/17/2013 11:56:03 AM	0.4032 V/m	0.3853 V/m	0.3653 V/m
669	07/17/2013 11:56:13 AM	0.4359 V/m	0.4026 V/m	0.3771 V/m
670	07/17/2013 11:56:23 AM	0.4113 V/m	0.3899 V/m	0.3690 V/m
671	07/17/2013 11:56:33 AM	0.4106 V/m	0.3930 V/m	0.3742 V/m
672	07/17/2013 11:56:43 AM	0.4011 V/m	0.3853 V/m	0.3569 V/m
673	07/17/2013 11:56:53 AM	0.4139 V/m	0.3876 V/m	0.3592 V/m
674	07/17/2013 11:57:03 AM	0.4133 V/m	0.3834 V/m	0.3592 V/m
675	07/17/2013 11:57:13 AM	0.4126 V/m	0.3959 V/m	0.3698 V/m
676	07/17/2013 11:57:23 AM	0.4032 V/m	0.3821 V/m	0.3585 V/m
677	07/17/2013 11:57:33 AM	0.4106 V/m	0.3926 V/m	0.3615 V/m
678	07/17/2013 11:57:43 AM	0.3998 V/m	0.3807 V/m	0.3577 V/m
679	07/17/2013 11:57:53 AM	0.4079 V/m	0.3905 V/m	0.3705 V/m
680	07/17/2013 11:58:03 AM	0.4133 V/m	0.3935 V/m	0.3705 V/m
681	07/17/2013 11:58:13 AM	0.4153 V/m	0.3884 V/m	0.3668 V/m
682	07/17/2013 11:58:23 AM	0.4052 V/m	0.3905 V/m	0.3653 V/m
683	07/17/2013 11:58:33 AM	0.4086 V/m	0.3820 V/m	0.3531 V/m
684	07/17/2013 11:58:43 AM	0.4025 V/m	0.3794 V/m	0.3569 V/m
685	07/17/2013 11:58:53 AM	0.4066 V/m	0.3792 V/m	0.3538 V/m
686	07/17/2013 11:59:03 AM	0.3942 V/m	0.3736 V/m	0.3420 V/m
687	07/17/2013 11:59:13 AM	0.3858 V/m	0.3697 V/m	0.3492 V/m

688	07/17/2013 11:59:23 AM	0.3843 V/m	0.3670 V/m	0.3436 V/m
689	07/17/2013 11:59:33 AM	0.3815 V/m	0.3657 V/m	0.3499 V/m
690	07/17/2013 11:59:43 AM	0.3907 V/m	0.3652 V/m	0.3452 V/m
691	07/17/2013 11:59:53 AM	0.3977 V/m	0.3768 V/m	0.3476 V/m
692	07/17/2013 12:00:03 PM	0.3956 V/m	0.3683 V/m	0.3388 V/m
693	07/17/2013 12:00:13 PM	0.3956 V/m	0.3722 V/m	0.3554 V/m
694	07/17/2013 12:00:23 PM	0.3928 V/m	0.3669 V/m	0.3331 V/m
695	07/17/2013 12:00:33 PM	0.3705 V/m	0.3540 V/m	0.3331 V/m
696	07/17/2013 12:00:43 PM	0.3771 V/m	0.3604 V/m	0.3428 V/m
697	07/17/2013 12:00:53 PM	0.3749 V/m	0.3586 V/m	0.3396 V/m
698	07/17/2013 12:01:03 PM	0.4039 V/m	0.3725 V/m	0.3347 V/m
699	07/17/2013 12:01:13 PM	0.3921 V/m	0.3754 V/m	0.3546 V/m
700	07/17/2013 12:01:23 PM	0.4052 V/m	0.3875 V/m	0.3577 V/m
701	07/17/2013 12:01:33 PM	0.4093 V/m	0.3952 V/m	0.3675 V/m
702	07/17/2013 12:01:43 PM	0.4205 V/m	0.3950 V/m	0.3749 V/m
703	07/17/2013 12:01:53 PM	0.4126 V/m	0.3939 V/m	0.3727 V/m
704	07/17/2013 12:02:03 PM	0.4152 V/m	0.3928 V/m	0.3630 V/m
705	07/17/2013 12:02:13 PM	0.3991 V/m	0.3831 V/m	0.3554 V/m
706	07/17/2013 12:02:23 PM	0.4066 V/m	0.3826 V/m	0.3645 V/m
707	07/17/2013 12:02:33 PM	0.4092 V/m	0.3874 V/m	0.3630 V/m
708	07/17/2013 12:02:43 PM	0.3956 V/m	0.3825 V/m	0.3554 V/m
709	07/17/2013 12:02:53 PM	0.3977 V/m	0.3767 V/m	0.3623 V/m
710	07/17/2013 12:03:03 PM	0.3997 V/m	0.3786 V/m	0.3592 V/m
711	07/17/2013 12:03:13 PM	0.3977 V/m	0.3738 V/m	0.3452 V/m
712	07/17/2013 12:03:23 PM	0.4179 V/m	0.3923 V/m	0.3720 V/m
713	07/17/2013 12:03:33 PM	0.4018 V/m	0.3841 V/m	0.3615 V/m
714	07/17/2013 12:03:43 PM	0.4052 V/m	0.3763 V/m	0.3484 V/m
715	07/17/2013 12:03:53 PM	0.4052 V/m	0.3816 V/m	0.3638 V/m
716	07/17/2013 12:04:03 PM	0.4032 V/m	0.3871 V/m	0.3713 V/m
717	07/17/2013 12:04:13 PM	0.4025 V/m	0.3783 V/m	0.3507 V/m
718	07/17/2013 12:04:23 PM	0.3865 V/m	0.3671 V/m	0.3428 V/m
719	07/17/2013 12:04:33 PM	0.3836 V/m	0.3695 V/m	0.3523 V/m
720	07/17/2013 12:04:43 PM	0.4066 V/m	0.3828 V/m	0.3538 V/m

Parameters

Number of Sub Indices	720
Storing Date	07/17/2013
Storing Time	10:04:43 AM
Dataset Type	TIM
Voice Comment Available	NO
Dataset Fine Type	T1
GPS Flag	DIFF
Device Product Name	NBM-550
Device Serial Number	B-0507
Device Cal Due Date	12/10/2012
Probe Product Name	EF0391
Probe Serial Number	A-0636
Probe Cal Due Date	12/13/2012
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 zachodnim



Fot. 2. Rejon badań, widok w kierunku wschodnim



Fot. 3. Przyrząd pomiarowy w trakcie wykonywanego badania



Fot. 4. Wieża radiokomunikacyjna SLR NIEGOWA



Oznaczenia:

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

Ryc. Szkic sytuacyjny rejonu badań.