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

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

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

AB 480

SPRAWOZDANIE Z BADAŃ NR 1742/2015

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

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

**Pomiary monitoringowe poziomów pól elektromagnetycznych
w przedziale częstotliwości
100 kHz – 3 GHz
(składowej *elektrycznej* E)
w środowisku,
wykonane dnia 22 lipca 2015 r.
na terenie zabudowy mieszkaniowej i usługowej,
w KRZEPICACH,
Miasto - Krzepice,
Powiat - kłobucki,
województwo śląskie.**

Wyniki badań dotyczą tylko badanego obiektu.

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

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

Wykonujący badania:

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

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

Zatwierdził:
Pieczęć i podpis

Częstochowa, 23.12.2015

1. PODSTAWA BADAŃ

Podstawę realizacji przedmiotowych badań monitoringowych poziomów pól elektromagnetycznych w przedziale częstotliwości 100 kHz – 3 GHz w środowisku stanowi Rozporządzenie Ministra Środowiska z dnia 12 listopada 2007 r. *w sprawie zakresu i sposobu prowadzenia okresowych badań poziomów pól elektromagnetycznych w środowisku* (Dz. U. Nr 221, Poz. 1645) oraz Umowa nr 1/2012 Wydziału Monitoringu Środowiska WIOŚ w Katowicach z Laboratorium WIOŚ w Katowicach /Pracownią Analiz w Częstochowie, 42-200 Częstochowa, ul. Rząsawska 24/28, w przedmiocie realizacji ww. badań.

2. CEL BADAŃ

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

3. TEREN BADAŃ

Punkt pomiarowy P-1 poziomów pól elektromagnetycznych w środowisku zlokalizowano w granicach administracyjnych miasta Krzepice w centralnej jego części – Rynek miasta. Sondę pomiarową umieszczono na wysokości h: 2 m n.p.t. W sąsiedztwie punktu pomiarowego zagospodarowanie terenu stanowi zwarta zabudowa mieszkaniowa wielorodzinna z funkcją handlowo-usługową. Najbliższa zabudowa mieszkaniowa znajduje się w kierunku południowym, w odległości 13 m od punktu pomiarowego. W kierunku wschodnim i zachodnim linia zwartej zabudowy oddalona jest od P-1 odpowiednio 19 i 88 m. Rynek miasta zagospodarowany jest małą architekturą postaci ławek, klombów zieleni.
W odległości 176 m w kierunku północno-zachodnim od punktu pomiarowego na wieży kościoła parafialnego znajduje się instalacja radiokomunikacyjna – stacja bazowa telefonii komórkowej. emitujące pola elektromagnetyczne do środowiska.

Klasyfikacja rodzaju terenu wg wytycznych przedmiotowego Rozporządzenia:

Pozostałe miasta (poniżej 50 tys. mieszkańców)

Nomenklatura jednostki terytorialnej (NTS):

Krzepice 5.2.24.46.06.02.4

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

N 50°58'14.4"
E 18°43'34.7"

Wysokość lokalizacji punktu pomiarowego:

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

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

l = 13 [m] - od elewacji budynku mieszkalnego jednorodzinnego.

Lokalizacja punktu pomiarowego – pas zieleni we wschodniej części rynku miasta.

4. METODYKA BADAŃ

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

5. WYPOSAŻENIE POMIAROWE

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

Pomiarów warunków meteorologicznych dokonano przy pomocy automatycznej stacji meteorologicznej MAWS – 101, Vaisala, Finlandia;

Szczegółowe dane identyfikacyjne przyrządów przedstawiono w tabeli poniżej

Tabela 1

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

Sonda pomiarowa</td><td>Typ: Broadband Field Meter NBM-550
P/N: 2401/01
S/N: B-0507
Producent: Narda Safety Test Solutions GmbH, Niemcy;

Typ: EF0391, E-Field
P/N: 2402/01
S/N: A-0636
Producent: j.w.
Zakres: 100 kHz – 3 GHz
Charakterystyka częstotliwościowa czułości:
+/- 1 dB (1MHz – 1 GHz)
+/- 1,25dB (1GHz – 2,45 GHz)</td><td>Przyrząd pomiarowy</td><td>Typ: MAWS – 101
S. no.: Y023044
Producent: Vaisala, Finlandia</td></tr>
<tr><td rowspan="3">Data i czasokres pomiarów</td><td rowspan="3">22-07-2015 r.
10:05:55–12:05:45</td><td colspan="2">Wyniki pomiarów:</td></tr>
<tr><td>T [°C]</td><td>27,6 – 29,1</td></tr>
<tr><td>RH [%]</td><td>34,8 – 42,0</td></tr>
<tr><td>Częstotliwość próbkowania</td><td>f: 10 sec.</td><td colspan="2">UWAGI:
Pogodnie;
Brak opadów atmosferycznych</td></tr>
</table>

Gdzie:

T – temperatura powietrza w [^{0}C]; RH – wilgotność względna powietrza w [%].

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

- Narda Broadband Field Meter NBM-550, P/N 2401/01, S/N B-0507:

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

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

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

- Automatyczna stacja meteorologiczna MAWS – 101, Vaisala, Finlandia, s. no. Y023044:

Świadectwa wzorcowania nr:

- 0767/AH/14 z dnia 12 maja 2014 r. termohigrometr
- 0245/AC/14 z dnia 06 kwietnia 2014 r. barometr

wydane przez Laboratorium Pomiarowe „MUTECH" Tadeusz Mucha i Wspólnicy Sp. J. w Łowiczu (AP 106)

- 243/A/14 z dnia 16 kwietnia 2014 r. anemometr stacji meteo

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

Zastosowana sonda pomiarowa poziomów pól posiada sferyczną charakterystykę kierunkową, a w trakcie realizacji badań znajdowała się na wysokości 2 [m] n.p.t., na dielektrycznym statywie, w odległości d > 100 [m] od rzutu anten instalacji radiokomunikacyjnych na powierzchnię terenu, zgodnie z wymaganiami przedmiotowego Rozporządzenia.

6. INFORMACJE NA TEMAT INSTALACJI RADIOKOMUNIKACYJNYCH, RADIOLOKACYJNYCH, RADIONAWIGACYJNYCH REJONU BADAŃ PÓL ELEKTROMAGNETYCZNYCH *)

(* - *w rozumieniu wymagań przedmiotowego Rozporządzenia*)

W odległości 176 m od punktu pomiarowego P-1, w kierunku północno-zachodnim, przy ul. Kazimierza Wielkiego znajduje się kościół parafialny, na wieży którego zainstalowano anteny nadawczo-odbiorcze stacji bazowych telefonii komórkowej, należącej do Polkomtel Sp. z o.o. oraz ORANGE Polska S.A. W tabeli 2 i 3 przedstawiono wyspecyfikowane parametry instalacji, zebrane na podstawie materiałów uzyskanych od operatora instalacji.

Tabela 2

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

Nazwa instalacji wg nomenklatury użytkownika:
Stacja bazowa nr: **BT-20106**

Lokalizacja:
Krzepice ul. Kazimierza Wielkiego 1 – wieża kościoła

Lp.	Azymut [^{0}]	Typ anteny	Pasmo (system) pracy [MHz]	Wysokość zawieszenia H [m] n.p.t.	EIRP $_{max}$ [W]
1.	40	Antena sektorowa K742271	2100 (UMTS)	36,4	1490
2.	110	Antena sektorowa K742271	2100 (UMTS)	36,4	1734
3.	270	Antena sektorowa K742271	2100 (UMTS)	36,4	1858

EIRP $_{max}$, łącznie ze wszystkich anten sektorowych instalacji: **5 082** [W]

Tabela 3

Zarządzający instalacją:
ORANGE Polska S.A.
Aleje Jerozolimskie 160,
02-603 Warszawa,

Nazwa instalacji wg nomenklatury użytkownika:
Stacja bazowa nr: **2379_NOWE REPTY**

Lokalizacja:
Tarnowskie Góry, ul. Gliwicka

Lp.	Azymut [^{0}]	Typ anteny	Pasmo (system) pracy [MHz]	Wysokość zawieszenia H [m] n.p.t.	EIRP $_{max}$ [W]
1.	30	Antena sektorowa Kathrein 739854	900 (GSM)	39,0	3090
2.	150	Antena sektorowa Kathrein 739854	900 (GSM)	39,0	3162
3.	270	Antena sektorowa Kathrein 739854	900 (GSM)	39,0	4365
4.	30	Antena sektorowa Kathrein 80010510	1800 (DCS)	39,0	3388
5.	150	Antena sektorowa Kathrein 80010510	1800 (DCS)	39,0	3388
6.	270	Antena sektorowa Kathrein 80010510	1800 (DCS)	39,0	3388

EIRP $_{max}$, łącznie ze wszystkich anten sektorowych instalacji: **20 781** [W]

Objaśnienia:

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

7. WYNIKI BADAŃ

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

Tabela 4

Lp.	Punkt pomiarowy poziomów pól elektromagnetycznych w środowisku	Natężenie pola elektrycznego E **) [V/m]	Niepewność pomiaru $U_{E\ 0,95}$ [V/m]
1.	P-1 Rynek miasta Miasto – Krzepice	0,72	± 0,18

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

KONIEC SPRAWOZDANIA

narda
Safety Test Solutions
an Communications Company

Instrument / Site

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

Site	Coordinates
P-1, Rynek - Plac Powstańców Miasto - Krzepice, Powiat - kłobucki, województwo śląskie	Latitude: 50° 58' 14.4" N Longitude: 18° 43' 34.7" E

Comment
Pomiary poziomów pól elektromagnetycznych 100 kHz - 3 GHz (składowej elektrycznej E) w środowisku; 22.07.2015 r., Krzepice, woj. śląskie; Ryc. Wykres zależności zmian natężenia składowej elektrycznej pola w funkcji czasu, marker - wartość średnia max elementarna interwału dT: 10 sec, w przedziale czasokresu obserwacji T: 2.00 h, w środowisku, Program Państwowego Monitoringu Środowiska 2015 rok.

narda
Safety Test Solutions
an L3 Communications Company

Measured Values

Timer: Start Time 10:05:45 AM, Period 2h 0' 0", Interval 10s

Index	Date/Time	Zero	Max (E-Field)	Avg (E-Field)	Min (E-Field)
1	07/22/2015 10:05:55 AM		0.7701 V/m	0.7467 V/m	0.7320 V/m
2	07/22/2015 10:06:05 AM		0.7590 V/m	0.7289 V/m	0.6910 V/m
3	07/22/2015 10:06:15 AM		0.7662 V/m	0.7462 V/m	0.7305 V/m
4	07/22/2015 10:06:25 AM		0.7676 V/m	0.7505 V/m	0.7083 V/m
5	07/22/2015 10:06:35 AM		0.7629 V/m	0.7424 V/m	0.7122 V/m
6	07/22/2015 10:06:45 AM		0.7888 V/m	0.7465 V/m	0.7241 V/m
7	07/22/2015 10:06:55 AM		0.7798 V/m	0.7484 V/m	0.7149 V/m
8	07/22/2015 10:07:05 AM		0.7843 V/m	0.7511 V/m	0.7130 V/m
9	07/22/2015 10:07:15 AM		0.7779 V/m	0.7452 V/m	0.7271 V/m
10	07/22/2015 10:07:25 AM		0.7772 V/m	0.7498 V/m	0.7313 V/m
11	07/22/2015 10:07:35 AM		0.7744 V/m	0.7593 V/m	0.7495 V/m
12	07/22/2015 10:07:45 AM		0.7972 V/m	0.7548 V/m	0.7290 V/m
13	07/22/2015 10:07:55 AM		0.7755 V/m	0.7592 V/m	0.7469 V/m
14	07/22/2015 10:08:05 AM		0.7867 V/m	0.7592 V/m	0.7421 V/m
15	07/22/2015 10:08:15 AM		0.7716 V/m	0.7557 V/m	0.7447 V/m
16	07/22/2015 10:08:25 AM		0.8326 V/m	0.7714 V/m	0.7458 V/m
17	07/22/2015 10:08:35 AM		0.8020 V/m	0.7768 V/m	0.7439 V/m
18	07/22/2015 10:08:45 AM		0.7968 V/m	0.7653 V/m	0.7294 V/m
19	07/22/2015 10:08:55 AM		0.7985 V/m	0.7660 V/m	0.7316 V/m
20	07/22/2015 10:09:05 AM		0.7895 V/m	0.7685 V/m	0.7582 V/m
21	07/22/2015 10:09:15 AM		0.7999 V/m	0.7750 V/m	0.7417 V/m
22	07/22/2015 10:09:25 AM		0.7895 V/m	0.7712 V/m	0.7568 V/m
23	07/22/2015 10:09:35 AM		0.8040 V/m	0.7746 V/m	0.7600 V/m
24	07/22/2015 10:09:45 AM		0.7769 V/m	0.7643 V/m	0.7473 V/m
25	07/22/2015 10:09:55 AM		0.8233 V/m	0.7758 V/m	0.7335 V/m
26	07/22/2015 10:10:05 AM		0.8250 V/m	0.7725 V/m	0.7387 V/m
27	07/22/2015 10:10:15 AM		0.8207 V/m	0.7614 V/m	0.7402 V/m
28	07/22/2015 10:10:25 AM		0.8098 V/m	0.7741 V/m	0.7229 V/m
29	07/22/2015 10:10:35 AM		0.7958 V/m	0.7731 V/m	0.7237 V/m
30	07/22/2015 10:10:45 AM		0.7985 V/m	0.7746 V/m	0.7286 V/m
31	07/22/2015 10:10:55 AM		0.8071 V/m	0.7777 V/m	0.7553 V/m
32	07/22/2015 10:11:05 AM		0.8190 V/m	0.7865 V/m	0.7571 V/m
33	07/22/2015 10:11:15 AM		0.7804 V/m	0.7589 V/m	0.7305 V/m
34	07/22/2015 10:11:25 AM		0.7992 V/m	0.7723 V/m	0.7350 V/m
35	07/22/2015 10:11:35 AM		0.7971 V/m	0.7625 V/m	0.7487 V/m
36	07/22/2015 10:11:45 AM		0.8016 V/m	0.7649 V/m	0.7498 V/m
37	07/22/2015 10:11:55 AM		0.8203 V/m	0.7769 V/m	0.7309 V/m
38	07/22/2015 10:12:05 AM		0.7673 V/m	0.7489 V/m	0.7114 V/m
39	07/22/2015 10:12:15 AM		0.7804 V/m	0.7501 V/m	0.7343 V/m
40	07/22/2015 10:12:25 AM		0.7733 V/m	0.7513 V/m	0.7320 V/m
41	07/22/2015 10:12:35 AM		0.8152 V/m	0.7691 V/m	0.7358 V/m
42	07/22/2015 10:12:45 AM		0.8112 V/m	0.7725 V/m	0.7535 V/m
43	07/22/2015 10:12:55 AM		0.7999 V/m	0.7708 V/m	0.7495 V/m
44	07/22/2015 10:13:05 AM		0.8044 V/m	0.7854 V/m	0.7604 V/m
45	07/22/2015 10:13:15 AM		0.8033 V/m	0.7902 V/m	0.7786 V/m
46	07/22/2015 10:13:25 AM		0.8040 V/m	0.7779 V/m	0.7579 V/m
47	07/22/2015 10:13:35 AM		0.7864 V/m	0.7699 V/m	0.7586 V/m
48	07/22/2015 10:13:45 AM		0.7972 V/m	0.7762 V/m	0.7417 V/m
49	07/22/2015 10:13:55 AM		0.7902 V/m	0.7757 V/m	0.7571 V/m
50	07/22/2015 10:14:05 AM		0.7961 V/m	0.7814 V/m	0.7384 V/m
51	07/22/2015 10:14:15 AM		0.8193 V/m	0.7957 V/m	0.7772 V/m
52	07/22/2015 10:14:25 AM		0.8548 V/m	0.8066 V/m	0.7733 V/m
53	07/22/2015 10:14:35 AM		0.8714 V/m	0.8297 V/m	0.7871 V/m
54	07/22/2015 10:14:45 AM		0.8346 V/m	0.8171 V/m	0.8017 V/m

narda Safety Test Solutions
an L3 Communications Company

55	07/22/2015 10:14:55 AM	0.8347 V/m	0.8093 V/m	0.7647 V/m
56	07/22/2015 10:15:05 AM	0.8327 V/m	0.8088 V/m	0.7524 V/m
57	07/22/2015 10:15:15 AM	0.8613 V/m	0.8316 V/m	0.7916 V/m
58	07/22/2015 10:15:25 AM	0.8591 V/m	0.8266 V/m	0.7989 V/m
59	07/22/2015 10:15:35 AM	0.8405 V/m	0.8153 V/m	0.7969 V/m
60	07/22/2015 10:15:45 AM	0.8250 V/m	0.7955 V/m	0.7734 V/m
61	07/22/2015 10:15:55 AM	0.8310 V/m	0.8096 V/m	0.7850 V/m
62	07/22/2015 10:16:05 AM	0.8294 V/m	0.7912 V/m	0.7297 V/m
63	07/22/2015 10:16:15 AM	0.8539 V/m	0.8066 V/m	0.7575 V/m
64	07/22/2015 10:16:25 AM	0.8438 V/m	0.8064 V/m	0.7480 V/m
65	07/22/2015 10:16:35 AM	0.8095 V/m	0.7819 V/m	0.7361 V/m
66	07/22/2015 10:16:45 AM	0.8603 V/m	0.7862 V/m	0.7590 V/m
67	07/22/2015 10:16:55 AM	0.7790 V/m	0.7636 V/m	0.7429 V/m
68	07/22/2015 10:17:05 AM	0.8153 V/m	0.7852 V/m	0.7487 V/m
69	07/22/2015 10:17:15 AM	0.8176 V/m	0.7979 V/m	0.7808 V/m
70	07/22/2015 10:17:25 AM	0.8132 V/m	0.7956 V/m	0.7751 V/m
71	07/22/2015 10:17:35 AM	0.8190 V/m	0.7965 V/m	0.7815 V/m
72	07/22/2015 10:17:45 AM	0.8095 V/m	0.7946 V/m	0.7815 V/m
73	07/22/2015 10:17:55 AM	0.8386 V/m	0.7929 V/m	0.7145 V/m
74	07/22/2015 10:18:05 AM	0.8041 V/m	0.7882 V/m	0.7691 V/m
75	07/22/2015 10:18:15 AM	0.8346 V/m	0.8127 V/m	0.7850 V/m
76	07/22/2015 10:18:25 AM	0.8326 V/m	0.8075 V/m	0.7726 V/m
77	07/22/2015 10:18:35 AM	0.8180 V/m	0.7967 V/m	0.7790 V/m
78	07/22/2015 10:18:45 AM	0.8149 V/m	0.8012 V/m	0.7885 V/m
79	07/22/2015 10:18:55 AM	0.8270 V/m	0.7971 V/m	0.7395 V/m
80	07/22/2015 10:19:05 AM	0.8290 V/m	0.8126 V/m	0.7975 V/m
81	07/22/2015 10:19:15 AM	0.8353 V/m	0.8016 V/m	0.7640 V/m
82	07/22/2015 10:19:25 AM	0.8200 V/m	0.7988 V/m	0.7776 V/m
83	07/22/2015 10:19:35 AM	0.8267 V/m	0.8067 V/m	0.7930 V/m
84	07/22/2015 10:19:45 AM	0.8303 V/m	0.8061 V/m	0.7636 V/m
85	07/22/2015 10:19:55 AM	0.8376 V/m	0.8016 V/m	0.7818 V/m
86	07/22/2015 10:20:05 AM	0.8307 V/m	0.8130 V/m	0.7857 V/m
87	07/22/2015 10:20:15 AM	0.8494 V/m	0.8270 V/m	0.8058 V/m
88	07/22/2015 10:20:25 AM	0.8497 V/m	0.8319 V/m	0.8122 V/m
89	07/22/2015 10:20:35 AM	0.8481 V/m	0.8208 V/m	0.7712 V/m
90	07/22/2015 10:20:45 AM	0.8392 V/m	0.8056 V/m	0.7473 V/m
91	07/22/2015 10:20:55 AM	0.8353 V/m	0.8174 V/m	0.8034 V/m
92	07/22/2015 10:21:05 AM	0.8448 V/m	0.8175 V/m	0.7712 V/m
93	07/22/2015 10:21:15 AM	0.8267 V/m	0.8076 V/m	0.7779 V/m
94	07/22/2015 10:21:25 AM	0.8477 V/m	0.8197 V/m	0.7506 V/m
95	07/22/2015 10:21:35 AM	0.8280 V/m	0.8152 V/m	0.8065 V/m
96	07/22/2015 10:21:45 AM	0.8412 V/m	0.8147 V/m	0.7857 V/m
97	07/22/2015 10:21:55 AM	0.8526 V/m	0.8271 V/m	0.7892 V/m
98	07/22/2015 10:22:05 AM	0.8539 V/m	0.8313 V/m	0.8116 V/m
99	07/22/2015 10:22:15 AM	0.8399 V/m	0.8201 V/m	0.8075 V/m
100	07/22/2015 10:22:25 AM	0.8806 V/m	0.8274 V/m	0.7822 V/m
101	07/22/2015 10:22:35 AM	0.8320 V/m	0.8151 V/m	0.7575 V/m
102	07/22/2015 10:22:45 AM	0.8890 V/m	0.8266 V/m	0.7733 V/m
103	07/22/2015 10:22:55 AM	0.8392 V/m	0.8156 V/m	0.7786 V/m
104	07/22/2015 10:23:05 AM	0.8303 V/m	0.8104 V/m	0.7793 V/m
105	07/22/2015 10:23:15 AM	0.8471 V/m	0.8149 V/m	0.7618 V/m
106	07/22/2015 10:23:25 AM	0.8392 V/m	0.8124 V/m	0.7662 V/m
107	07/22/2015 10:23:35 AM	0.8474 V/m	0.8104 V/m	0.7683 V/m
108	07/22/2015 10:23:45 AM	0.8307 V/m	0.8092 V/m	0.7637 V/m
109	07/22/2015 10:23:55 AM	0.8578 V/m	0.8108 V/m	0.7560 V/m
110	07/22/2015 10:24:05 AM	0.8369 V/m	0.8115 V/m	0.7604 V/m
111	07/22/2015 10:24:15 AM	0.8186 V/m	0.8002 V/m	0.7857 V/m
112	07/22/2015 10:24:25 AM	0.8307 V/m	0.8020 V/m	0.7885 V/m
113	07/22/2015 10:24:35 AM	0.8193 V/m	0.8022 V/m	0.7600 V/m
114	07/22/2015 10:24:45 AM	0.8260 V/m	0.7978 V/m	0.7480 V/m
115	07/22/2015 10:24:55 AM	0.8227 V/m	0.7970 V/m	0.7633 V/m
116	07/22/2015 10:25:05 AM	0.8139 V/m	0.8032 V/m	0.7920 V/m
117	07/22/2015 10:25:15 AM	0.8078 V/m	0.7943 V/m	0.7694 V/m

narda Safety Test Solutions
an Communications Company

118	07/22/2015 10:25:25 AM	0.8300 V/m	0.8033 V/m	0.7892 V/m
119	07/22/2015 10:25:35 AM	0.8227 V/m	0.8076 V/m	0.7961 V/m
120	07/22/2015 10:25:45 AM	0.8099 V/m	0.7982 V/m	0.7715 V/m
121	07/22/2015 10:25:55 AM	0.8092 V/m	0.7977 V/m	0.7772 V/m
122	07/22/2015 10:26:05 AM	0.8156 V/m	0.7919 V/m	0.7294 V/m
123	07/22/2015 10:26:15 AM	0.8166 V/m	0.7997 V/m	0.7888 V/m
124	07/22/2015 10:26:25 AM	0.8180 V/m	0.7976 V/m	0.7804 V/m
125	07/22/2015 10:26:35 AM	0.8230 V/m	0.8053 V/m	0.7853 V/m
126	07/22/2015 10:26:45 AM	0.8200 V/m	0.7882 V/m	0.7064 V/m
127	07/22/2015 10:26:55 AM	0.8568 V/m	0.8122 V/m	0.7697 V/m
128	07/22/2015 10:27:05 AM	0.8494 V/m	0.8180 V/m	0.7687 V/m
129	07/22/2015 10:27:15 AM	0.8217 V/m	0.8024 V/m	0.7546 V/m
130	07/22/2015 10:27:25 AM	0.8163 V/m	0.7981 V/m	0.7804 V/m
131	07/22/2015 10:27:35 AM	0.8156 V/m	0.7936 V/m	0.7372 V/m
132	07/22/2015 10:27:45 AM	0.9101 V/m	0.8089 V/m	0.7443 V/m
133	07/22/2015 10:27:55 AM	0.8578 V/m	0.8187 V/m	0.7350 V/m
134	07/22/2015 10:28:05 AM	0.9233 V/m	0.8403 V/m	0.7723 V/m
135	07/22/2015 10:28:15 AM	0.8156 V/m	0.7889 V/m	0.7593 V/m
136	07/22/2015 10:28:25 AM	0.8330 V/m	0.8028 V/m	0.7895 V/m
137	07/22/2015 10:28:35 AM	0.8373 V/m	0.8034 V/m	0.7698 V/m
138	07/22/2015 10:28:45 AM	0.8240 V/m	0.8048 V/m	0.7902 V/m
139	07/22/2015 10:28:55 AM	0.8244 V/m	0.8024 V/m	0.7593 V/m
140	07/22/2015 10:29:05 AM	0.8267 V/m	0.8010 V/m	0.7421 V/m
141	07/22/2015 10:29:15 AM	0.8323 V/m	0.8096 V/m	0.7676 V/m
142	07/22/2015 10:29:25 AM	0.8170 V/m	0.7913 V/m	0.7495 V/m
143	07/22/2015 10:29:35 AM	0.8409 V/m	0.8113 V/m	0.7622 V/m
144	07/22/2015 10:29:45 AM	0.8307 V/m	0.8099 V/m	0.7885 V/m
145	07/22/2015 10:29:55 AM	0.8333 V/m	0.8172 V/m	0.7944 V/m
146	07/22/2015 10:30:05 AM	0.8425 V/m	0.8101 V/m	0.7790 V/m
147	07/22/2015 10:30:15 AM	0.8493 V/m	0.8022 V/m	0.7480 V/m
148	07/22/2015 10:30:25 AM	0.8277 V/m	0.8021 V/m	0.7339 V/m
149	07/22/2015 10:30:35 AM	0.8180 V/m	0.7634 V/m	0.6725 V/m
150	07/22/2015 10:30:45 AM	0.8193 V/m	0.7967 V/m	0.7391 V/m
151	07/22/2015 10:30:55 AM	0.8406 V/m	0.8105 V/m	0.7832 V/m
152	07/22/2015 10:31:05 AM	0.8136 V/m	0.7880 V/m	0.7365 V/m
153	07/22/2015 10:31:15 AM	0.8484 V/m	0.7995 V/m	0.7854 V/m
154	07/22/2015 10:31:25 AM	0.8257 V/m	0.7981 V/m	0.7857 V/m
155	07/22/2015 10:31:35 AM	0.8210 V/m	0.7976 V/m	0.7818 V/m
156	07/22/2015 10:31:45 AM	0.8143 V/m	0.7949 V/m	0.7726 V/m
157	07/22/2015 10:31:55 AM	0.7996 V/m	0.7574 V/m	0.6572 V/m
158	07/22/2015 10:32:05 AM	0.8190 V/m	0.7951 V/m	0.7787 V/m
159	07/22/2015 10:32:15 AM	0.8051 V/m	0.7834 V/m	0.7590 V/m
160	07/22/2015 10:32:25 AM	0.8150 V/m	0.7917 V/m	0.7787 V/m
161	07/22/2015 10:32:35 AM	0.8068 V/m	0.7854 V/m	0.7561 V/m
162	07/22/2015 10:32:45 AM	0.8263 V/m	0.7934 V/m	0.7297 V/m
163	07/22/2015 10:32:55 AM	0.8227 V/m	0.7975 V/m	0.7593 V/m
164	07/22/2015 10:33:05 AM	0.7779 V/m	0.7577 V/m	0.7233 V/m
165	07/22/2015 10:33:15 AM	0.7719 V/m	0.7488 V/m	0.7350 V/m
166	07/22/2015 10:33:25 AM	0.7790 V/m	0.7490 V/m	0.7339 V/m
167	07/22/2015 10:33:35 AM	0.7694 V/m	0.7548 V/m	0.7428 V/m
168	07/22/2015 10:33:45 AM	0.7658 V/m	0.7523 V/m	0.7316 V/m
169	07/22/2015 10:33:55 AM	0.7769 V/m	0.7602 V/m	0.7286 V/m
170	07/22/2015 10:34:05 AM	0.7947 V/m	0.7666 V/m	0.7267 V/m
171	07/22/2015 10:34:15 AM	0.7885 V/m	0.7686 V/m	0.7133 V/m
172	07/22/2015 10:34:25 AM	0.7871 V/m	0.7494 V/m	0.7184 V/m
173	07/22/2015 10:34:35 AM	0.8071 V/m	0.7761 V/m	0.7365 V/m
174	07/22/2015 10:34:45 AM	0.7740 V/m	0.7447 V/m	0.7229 V/m
175	07/22/2015 10:34:55 AM	0.7857 V/m	0.7580 V/m	0.7335 V/m
176	07/22/2015 10:35:05 AM	0.7769 V/m	0.7561 V/m	0.7399 V/m
177	07/22/2015 10:35:15 AM	0.7944 V/m	0.7704 V/m	0.7443 V/m
178	07/22/2015 10:35:25 AM	0.8016 V/m	0.7721 V/m	0.7568 V/m
179	07/22/2015 10:35:35 AM	0.7888 V/m	0.7645 V/m	0.7454 V/m
180	07/22/2015 10:35:45 AM	0.7730 V/m	0.7599 V/m	0.7469 V/m

narda Safety Test Solutions
an L3 Communications Company

181	07/22/2015 10:35:55 AM	0.8034 V/m	0.7802 V/m	0.7626 V/m
182	07/22/2015 10:36:05 AM	0.8139 V/m	0.7833 V/m	0.7524 V/m
183	07/22/2015 10:36:15 AM	0.8058 V/m	0.7858 V/m	0.7611 V/m
184	07/22/2015 10:36:25 AM	0.7958 V/m	0.7812 V/m	0.7701 V/m
185	07/22/2015 10:36:35 AM	0.8064 V/m	0.7858 V/m	0.7737 V/m
186	07/22/2015 10:36:45 AM	0.8119 V/m	0.7871 V/m	0.7748 V/m
187	07/22/2015 10:36:55 AM	0.7951 V/m	0.7779 V/m	0.7705 V/m
188	07/22/2015 10:37:05 AM	0.7954 V/m	0.7736 V/m	0.7403 V/m
189	07/22/2015 10:37:15 AM	0.7985 V/m	0.7767 V/m	0.7335 V/m
190	07/22/2015 10:37:25 AM	0.8253 V/m	0.7868 V/m	0.7608 V/m
191	07/22/2015 10:37:35 AM	0.8085 V/m	0.7840 V/m	0.7495 V/m
192	07/22/2015 10:37:45 AM	0.8030 V/m	0.7732 V/m	0.7279 V/m
193	07/22/2015 10:37:55 AM	0.7836 V/m	0.7380 V/m	0.7118 V/m
194	07/22/2015 10:38:05 AM	0.7615 V/m	0.7390 V/m	0.7214 V/m
195	07/22/2015 10:38:15 AM	0.8009 V/m	0.7666 V/m	0.7290 V/m
196	07/22/2015 10:38:25 AM	0.7705 V/m	0.7435 V/m	0.7275 V/m
197	07/22/2015 10:38:35 AM	0.7469 V/m	0.7332 V/m	0.7218 V/m
198	07/22/2015 10:38:45 AM	0.7619 V/m	0.7385 V/m	0.7222 V/m
199	07/22/2015 10:38:55 AM	0.7469 V/m	0.7320 V/m	0.7210 V/m
200	07/22/2015 10:39:05 AM	0.7633 V/m	0.7425 V/m	0.7264 V/m
201	07/22/2015 10:39:15 AM	0.7528 V/m	0.7325 V/m	0.7118 V/m
202	07/22/2015 10:39:25 AM	0.7669 V/m	0.7352 V/m	0.6870 V/m
203	07/22/2015 10:39:35 AM	0.7676 V/m	0.7392 V/m	0.7237 V/m
204	07/22/2015 10:39:45 AM	0.7550 V/m	0.7358 V/m	0.7241 V/m
205	07/22/2015 10:39:55 AM	0.7740 V/m	0.7214 V/m	0.6219 V/m
206	07/22/2015 10:40:05 AM	0.7476 V/m	0.7336 V/m	0.7218 V/m
207	07/22/2015 10:40:15 AM	0.7705 V/m	0.7383 V/m	0.7210 V/m
208	07/22/2015 10:40:25 AM	0.7528 V/m	0.7346 V/m	0.7191 V/m
209	07/22/2015 10:40:35 AM	0.7705 V/m	0.7481 V/m	0.7245 V/m
210	07/22/2015 10:40:45 AM	0.7633 V/m	0.7428 V/m	0.7161 V/m
211	07/22/2015 10:40:55 AM	0.7669 V/m	0.7444 V/m	0.7264 V/m
212	07/22/2015 10:41:05 AM	0.7535 V/m	0.7360 V/m	0.7256 V/m
213	07/22/2015 10:41:15 AM	0.7520 V/m	0.7410 V/m	0.7279 V/m
214	07/22/2015 10:41:25 AM	0.7546 V/m	0.7422 V/m	0.7252 V/m
215	07/22/2015 10:41:35 AM	0.7619 V/m	0.7437 V/m	0.7282 V/m
216	07/22/2015 10:41:45 AM	0.7465 V/m	0.7349 V/m	0.7199 V/m
217	07/22/2015 10:41:55 AM	0.7557 V/m	0.7346 V/m	0.7195 V/m
218	07/22/2015 10:42:05 AM	0.7535 V/m	0.7352 V/m	0.7199 V/m
219	07/22/2015 10:42:15 AM	0.7626 V/m	0.7371 V/m	0.7176 V/m
220	07/22/2015 10:42:25 AM	0.7626 V/m	0.7453 V/m	0.7324 V/m
221	07/22/2015 10:42:35 AM	0.7701 V/m	0.7425 V/m	0.7048 V/m
222	07/22/2015 10:42:45 AM	0.7520 V/m	0.7373 V/m	0.7187 V/m
223	07/22/2015 10:42:55 AM	0.7509 V/m	0.7390 V/m	0.7214 V/m
224	07/22/2015 10:43:05 AM	0.7498 V/m	0.7378 V/m	0.7248 V/m
225	07/22/2015 10:43:15 AM	0.7502 V/m	0.7340 V/m	0.7114 V/m
226	07/22/2015 10:43:25 AM	0.7597 V/m	0.7374 V/m	0.7180 V/m
227	07/22/2015 10:43:35 AM	0.7662 V/m	0.7404 V/m	0.7233 V/m
228	07/22/2015 10:43:45 AM	0.7582 V/m	0.7459 V/m	0.7286 V/m
229	07/22/2015 10:43:55 AM	0.7647 V/m	0.7364 V/m	0.7145 V/m
230	07/22/2015 10:44:05 AM	0.7626 V/m	0.7326 V/m	0.7145 V/m
231	07/22/2015 10:44:15 AM	0.7604 V/m	0.7419 V/m	0.7222 V/m
232	07/22/2015 10:44:25 AM	0.7539 V/m	0.7341 V/m	0.7005 V/m
233	07/22/2015 10:44:35 AM	0.7575 V/m	0.7359 V/m	0.7114 V/m
234	07/22/2015 10:44:45 AM	0.7687 V/m	0.7384 V/m	0.7160 V/m
235	07/22/2015 10:44:55 AM	0.7655 V/m	0.7396 V/m	0.7286 V/m
236	07/22/2015 10:45:05 AM	0.7715 V/m	0.7463 V/m	0.7153 V/m
237	07/22/2015 10:45:15 AM	0.7626 V/m	0.7454 V/m	0.7275 V/m
238	07/22/2015 10:45:25 AM	0.7629 V/m	0.7365 V/m	0.7271 V/m
239	07/22/2015 10:45:35 AM	0.7520 V/m	0.7352 V/m	0.7176 V/m
240	07/22/2015 10:45:45 AM	0.7829 V/m	0.7477 V/m	0.7083 V/m
241	07/22/2015 10:45:55 AM	0.7878 V/m	0.7547 V/m	0.7384 V/m
242	07/22/2015 10:46:05 AM	0.7676 V/m	0.7491 V/m	0.7248 V/m
243	07/22/2015 10:46:15 AM	0.7672 V/m	0.7468 V/m	0.7260 V/m

244	07/22/2015 10:46:25 AM	0.7772 V/m	0.7462 V/m	0.7309 V/m
245	07/22/2015 10:46:35 AM	0.8396 V/m	0.7860 V/m	0.7539 V/m
246	07/22/2015 10:46:45 AM	0.7864 V/m	0.7686 V/m	0.7487 V/m
247	07/22/2015 10:46:55 AM	0.7839 V/m	0.7577 V/m	0.7410 V/m
248	07/22/2015 10:47:05 AM	0.7651 V/m	0.7448 V/m	0.7294 V/m
249	07/22/2015 10:47:15 AM	0.7772 V/m	0.7522 V/m	0.7313 V/m
250	07/22/2015 10:47:25 AM	0.7673 V/m	0.7499 V/m	0.7399 V/m
251	07/22/2015 10:47:35 AM	0.7751 V/m	0.7460 V/m	0.7283 V/m
252	07/22/2015 10:47:45 AM	0.7637 V/m	0.7398 V/m	0.7264 V/m
253	07/22/2015 10:47:55 AM	0.7758 V/m	0.7525 V/m	0.7267 V/m
254	07/22/2015 10:48:05 AM	0.7740 V/m	0.7545 V/m	0.7267 V/m
255	07/22/2015 10:48:15 AM	0.7662 V/m	0.7529 V/m	0.7425 V/m
256	07/22/2015 10:48:25 AM	0.7790 V/m	0.7551 V/m	0.7380 V/m
257	07/22/2015 10:48:35 AM	0.8075 V/m	0.7630 V/m	0.7451 V/m
258	07/22/2015 10:48:45 AM	0.7776 V/m	0.7510 V/m	0.7373 V/m
259	07/22/2015 10:48:55 AM	0.7885 V/m	0.7699 V/m	0.7542 V/m
260	07/22/2015 10:49:05 AM	0.7611 V/m	0.7518 V/m	0.7410 V/m
261	07/22/2015 10:49:15 AM	0.7748 V/m	0.7507 V/m	0.7350 V/m
262	07/22/2015 10:49:25 AM	0.8584 V/m	0.7651 V/m	0.7275 V/m
263	07/22/2015 10:49:35 AM	0.7615 V/m	0.7448 V/m	0.7138 V/m
264	07/22/2015 10:49:45 AM	0.7797 V/m	0.7441 V/m	0.7233 V/m
265	07/22/2015 10:49:55 AM	0.8301 V/m	0.7732 V/m	0.7358 V/m
266	07/22/2015 10:50:05 AM	0.7910 V/m	0.7581 V/m	0.7275 V/m
267	07/22/2015 10:50:15 AM	0.8112 V/m	0.7625 V/m	0.7286 V/m
268	07/22/2015 10:50:25 AM	0.7673 V/m	0.7452 V/m	0.7191 V/m
269	07/22/2015 10:50:35 AM	0.7684 V/m	0.7477 V/m	0.7188 V/m
270	07/22/2015 10:50:45 AM	0.8106 V/m	0.7720 V/m	0.7365 V/m
271	07/22/2015 10:50:55 AM	0.8183 V/m	0.7782 V/m	0.7583 V/m
272	07/22/2015 10:51:05 AM	0.8048 V/m	0.7859 V/m	0.7669 V/m
273	07/22/2015 10:51:15 AM	0.8017 V/m	0.7747 V/m	0.7601 V/m
274	07/22/2015 10:51:25 AM	0.7790 V/m	0.7630 V/m	0.7301 V/m
275	07/22/2015 10:51:35 AM	0.7979 V/m	0.7703 V/m	0.7149 V/m
276	07/22/2015 10:51:45 AM	0.7794 V/m	0.7645 V/m	0.7491 V/m
277	07/22/2015 10:51:55 AM	0.8030 V/m	0.7751 V/m	0.7454 V/m
278	07/22/2015 10:52:05 AM	0.8730 V/m	0.8073 V/m	0.7762 V/m
279	07/22/2015 10:52:15 AM	0.8664 V/m	0.8019 V/m	0.7528 V/m
280	07/22/2015 10:52:25 AM	0.9784 V/m	0.9055 V/m	0.8523 V/m
281	07/22/2015 10:52:35 AM	0.9440 V/m	0.9145 V/m	0.8884 V/m
282	07/22/2015 10:52:45 AM	0.9431 V/m	0.8497 V/m	0.7965 V/m
283	07/22/2015 10:52:55 AM	0.8480 V/m	0.8103 V/m	0.7737 V/m
284	07/22/2015 10:53:05 AM	0.8936 V/m	0.8208 V/m	0.7843 V/m
285	07/22/2015 10:53:15 AM	0.8274 V/m	0.7998 V/m	0.7553 V/m
286	07/22/2015 10:53:25 AM	0.8686 V/m	0.8111 V/m	0.7853 V/m
287	07/22/2015 10:53:35 AM	0.8445 V/m	0.7892 V/m	0.7626 V/m
288	07/22/2015 10:53:45 AM	0.7878 V/m	0.7694 V/m	0.7564 V/m
289	07/22/2015 10:53:55 AM	0.7864 V/m	0.7682 V/m	0.7417 V/m
290	07/22/2015 10:54:05 AM	0.7968 V/m	0.7680 V/m	0.7286 V/m
291	07/22/2015 10:54:15 AM	0.7909 V/m	0.7415 V/m	0.6232 V/m
292	07/22/2015 10:54:25 AM	0.7920 V/m	0.7598 V/m	0.6875 V/m
293	07/22/2015 10:54:35 AM	0.7899 V/m	0.7674 V/m	0.7316 V/m
294	07/22/2015 10:54:45 AM	0.7899 V/m	0.7704 V/m	0.7604 V/m
295	07/22/2015 10:54:55 AM	0.8054 V/m	0.7819 V/m	0.7611 V/m
296	07/22/2015 10:55:05 AM	0.7975 V/m	0.7772 V/m	0.7521 V/m
297	07/22/2015 10:55:15 AM	0.8529 V/m	0.7938 V/m	0.7539 V/m
298	07/22/2015 10:55:25 AM	0.8082 V/m	0.7815 V/m	0.7380 V/m
299	07/22/2015 10:55:35 AM	0.8163 V/m	0.7800 V/m	0.7432 V/m
300	07/22/2015 10:55:45 AM	0.8055 V/m	0.7859 V/m	0.7719 V/m
301	07/22/2015 10:55:55 AM	0.8277 V/m	0.7891 V/m	0.7619 V/m
302	07/22/2015 10:56:05 AM	0.8224 V/m	0.7806 V/m	0.7458 V/m
303	07/22/2015 10:56:15 AM	0.8085 V/m	0.7755 V/m	0.7380 V/m
304	07/22/2015 10:56:25 AM	0.8274 V/m	0.7791 V/m	0.7290 V/m
305	07/22/2015 10:56:35 AM	0.8307 V/m	0.7831 V/m	0.7637 V/m
306	07/22/2015 10:56:45 AM	0.8247 V/m	0.7888 V/m	0.7619 V/m

307	07/22/2015 10:56:55 AM	0.8163 V/m	0.7851 V/m	0.7528 V/m
308	07/22/2015 10:57:05 AM	0.8102 V/m	0.7837 V/m	0.7455 V/m
309	07/22/2015 10:57:15 AM	0.8260 V/m	0.7957 V/m	0.7676 V/m
310	07/22/2015 10:57:25 AM	0.8173 V/m	0.7865 V/m	0.7531 V/m
311	07/22/2015 10:57:35 AM	0.8438 V/m	0.8023 V/m	0.7666 V/m
312	07/22/2015 10:57:45 AM	0.8353 V/m	0.7928 V/m	0.7590 V/m
313	07/22/2015 10:57:55 AM	0.8166 V/m	0.7912 V/m	0.7506 V/m
314	07/22/2015 10:58:05 AM	0.8190 V/m	0.7891 V/m	0.7586 V/m
315	07/22/2015 10:58:15 AM	0.8254 V/m	0.7852 V/m	0.7644 V/m
316	07/22/2015 10:58:25 AM	0.8254 V/m	0.7815 V/m	0.7365 V/m
317	07/22/2015 10:58:35 AM	0.8030 V/m	0.7712 V/m	0.7491 V/m
318	07/22/2015 10:58:45 AM	0.8082 V/m	0.7668 V/m	0.7362 V/m
319	07/22/2015 10:58:55 AM	0.7944 V/m	0.7713 V/m	0.7572 V/m
320	07/22/2015 10:59:05 AM	0.7906 V/m	0.7757 V/m	0.7564 V/m
321	07/22/2015 10:59:15 AM	0.8507 V/m	0.7808 V/m	0.7358 V/m
322	07/22/2015 10:59:25 AM	0.7916 V/m	0.7756 V/m	0.7557 V/m
323	07/22/2015 10:59:35 AM	0.7955 V/m	0.7790 V/m	0.7604 V/m
324	07/22/2015 10:59:45 AM	0.8058 V/m	0.7751 V/m	0.7535 V/m
325	07/22/2015 10:59:55 AM	0.8112 V/m	0.7747 V/m	0.7550 V/m
326	07/22/2015 11:00:05 AM	0.8333 V/m	0.7823 V/m	0.7510 V/m
327	07/22/2015 11:00:15 AM	0.8180 V/m	0.7780 V/m	0.7604 V/m
328	07/22/2015 11:00:25 AM	0.7899 V/m	0.7646 V/m	0.7316 V/m
329	07/22/2015 11:00:35 AM	0.8037 V/m	0.7745 V/m	0.7328 V/m
330	07/22/2015 11:00:45 AM	0.8034 V/m	0.7820 V/m	0.7561 V/m
331	07/22/2015 11:00:55 AM	0.7903 V/m	0.7753 V/m	0.7451 V/m
332	07/22/2015 11:01:05 AM	0.8190 V/m	0.7759 V/m	0.7305 V/m
333	07/22/2015 11:01:15 AM	0.8458 V/m	0.7793 V/m	0.7362 V/m
334	07/22/2015 11:01:25 AM	0.8048 V/m	0.7738 V/m	0.7480 V/m
335	07/22/2015 11:01:35 AM	0.8409 V/m	0.7785 V/m	0.7428 V/m
336	07/22/2015 11:01:45 AM	0.7875 V/m	0.7681 V/m	0.7491 V/m
337	07/22/2015 11:01:55 AM	0.8357 V/m	0.7924 V/m	0.7521 V/m
338	07/22/2015 11:02:05 AM	0.7993 V/m	0.7685 V/m	0.7546 V/m
339	07/22/2015 11:02:15 AM	0.8260 V/m	0.7833 V/m	0.7491 V/m
340	07/22/2015 11:02:25 AM	0.8254 V/m	0.7925 V/m	0.7673 V/m
341	07/22/2015 11:02:35 AM	0.7996 V/m	0.7737 V/m	0.7350 V/m
342	07/22/2015 11:02:45 AM	0.8140 V/m	0.7773 V/m	0.7550 V/m
343	07/22/2015 11:02:55 AM	0.8003 V/m	0.7754 V/m	0.7491 V/m
344	07/22/2015 11:03:05 AM	0.8392 V/m	0.7925 V/m	0.7597 V/m
345	07/22/2015 11:03:15 AM	0.8442 V/m	0.8003 V/m	0.7733 V/m
346	07/22/2015 11:03:25 AM	0.8190 V/m	0.7900 V/m	0.7436 V/m
347	07/22/2015 11:03:35 AM	0.8300 V/m	0.7940 V/m	0.7691 V/m
348	07/22/2015 11:03:45 AM	0.8136 V/m	0.7771 V/m	0.7524 V/m
349	07/22/2015 11:03:55 AM	0.8204 V/m	0.7873 V/m	0.7698 V/m
350	07/22/2015 11:04:05 AM	0.7889 V/m	0.7684 V/m	0.7502 V/m
351	07/22/2015 11:04:15 AM	0.7906 V/m	0.7723 V/m	0.7539 V/m
352	07/22/2015 11:04:25 AM	0.7878 V/m	0.7648 V/m	0.7279 V/m
353	07/22/2015 11:04:35 AM	0.8075 V/m	0.7808 V/m	0.7694 V/m
354	07/22/2015 11:04:45 AM	0.8163 V/m	0.7723 V/m	0.7252 V/m
355	07/22/2015 11:04:55 AM	0.8109 V/m	0.7860 V/m	0.7517 V/m
356	07/22/2015 11:05:05 AM	0.8085 V/m	0.7803 V/m	0.7358 V/m
357	07/22/2015 11:05:15 AM	0.8034 V/m	0.7811 V/m	0.7665 V/m
358	07/22/2015 11:05:25 AM	0.8217 V/m	0.7921 V/m	0.7744 V/m
359	07/22/2015 11:05:35 AM	0.7958 V/m	0.7744 V/m	0.7495 V/m
360	07/22/2015 11:05:45 AM	0.7888 V/m	0.7623 V/m	0.7440 V/m
361	07/22/2015 11:05:55 AM	0.7986 V/m	0.7736 V/m	0.7568 V/m
362	07/22/2015 11:06:05 AM	0.7860 V/m	0.7646 V/m	0.7275 V/m
363	07/22/2015 11:06:15 AM	0.8132 V/m	0.7874 V/m	0.7528 V/m
364	07/22/2015 11:06:25 AM	0.8360 V/m	0.7951 V/m	0.7417 V/m
365	07/22/2015 11:06:35 AM	0.8186 V/m	0.7722 V/m	0.7260 V/m
366	07/22/2015 11:06:45 AM	0.7836 V/m	0.7622 V/m	0.7328 V/m
367	07/22/2015 11:06:55 AM	0.7860 V/m	0.7631 V/m	0.7373 V/m
368	07/22/2015 11:07:05 AM	0.7673 V/m	0.7533 V/m	0.7429 V/m
369	07/22/2015 11:07:15 AM	0.7744 V/m	0.7502 V/m	0.7294 V/m

370	07/22/2015 11:07:25 AM	0.7832 V/m	0.7565 V/m	0.7462 V/m
371	07/22/2015 11:07:35 AM	0.8037 V/m	0.7716 V/m	0.7320 V/m
372	07/22/2015 11:07:45 AM	0.8013 V/m	0.7666 V/m	0.7384 V/m
373	07/22/2015 11:07:55 AM	0.7927 V/m	0.7721 V/m	0.7484 V/m
374	07/22/2015 11:08:05 AM	0.7965 V/m	0.7677 V/m	0.7502 V/m
375	07/22/2015 11:08:15 AM	0.7985 V/m	0.7782 V/m	0.7564 V/m
376	07/22/2015 11:08:25 AM	0.8109 V/m	0.7808 V/m	0.7546 V/m
377	07/22/2015 11:08:35 AM	0.7832 V/m	0.7619 V/m	0.7469 V/m
378	07/22/2015 11:08:45 AM	0.7888 V/m	0.7658 V/m	0.7499 V/m
379	07/22/2015 11:08:55 AM	0.7895 V/m	0.7658 V/m	0.7488 V/m
380	07/22/2015 11:09:05 AM	0.7996 V/m	0.7625 V/m	0.7332 V/m
381	07/22/2015 11:09:15 AM	0.7941 V/m	0.7649 V/m	0.7369 V/m
382	07/22/2015 11:09:25 AM	0.7833 V/m	0.7607 V/m	0.7320 V/m
383	07/22/2015 11:09:35 AM	0.7878 V/m	0.7667 V/m	0.7517 V/m
384	07/22/2015 11:09:45 AM	0.7822 V/m	0.7625 V/m	0.7480 V/m
385	07/22/2015 11:09:55 AM	0.7783 V/m	0.7594 V/m	0.7391 V/m
386	07/22/2015 11:10:05 AM	0.7794 V/m	0.7572 V/m	0.7421 V/m
387	07/22/2015 11:10:15 AM	0.7927 V/m	0.7638 V/m	0.7454 V/m
388	07/22/2015 11:10:25 AM	0.7937 V/m	0.7604 V/m	0.7260 V/m
389	07/22/2015 11:10:35 AM	0.7871 V/m	0.7566 V/m	0.7421 V/m
390	07/22/2015 11:10:45 AM	0.7885 V/m	0.7591 V/m	0.7395 V/m
391	07/22/2015 11:10:55 AM	0.8220 V/m	0.7751 V/m	0.7290 V/m
392	07/22/2015 11:11:05 AM	0.8037 V/m	0.7687 V/m	0.7517 V/m
393	07/22/2015 11:11:15 AM	0.7794 V/m	0.7578 V/m	0.7454 V/m
394	07/22/2015 11:11:25 AM	0.7864 V/m	0.7653 V/m	0.7443 V/m
395	07/22/2015 11:11:35 AM	0.7896 V/m	0.7635 V/m	0.7395 V/m
396	07/22/2015 11:11:45 AM	0.7951 V/m	0.7697 V/m	0.7358 V/m
397	07/22/2015 11:11:55 AM	0.8099 V/m	0.7767 V/m	0.7495 V/m
398	07/22/2015 11:12:05 AM	0.7787 V/m	0.7645 V/m	0.7458 V/m
399	07/22/2015 11:12:15 AM	0.7723 V/m	0.7609 V/m	0.7350 V/m
400	07/22/2015 11:12:25 AM	0.8092 V/m	0.7773 V/m	0.7365 V/m
401	07/22/2015 11:12:35 AM	0.7983 V/m	0.7643 V/m	0.7249 V/m
402	07/22/2015 11:12:45 AM	0.8462 V/m	0.7785 V/m	0.7488 V/m
403	07/22/2015 11:12:55 AM	0.8109 V/m	0.7712 V/m	0.7320 V/m
404	07/22/2015 11:13:05 AM	0.7910 V/m	0.7650 V/m	0.7230 V/m
405	07/22/2015 11:13:15 AM	0.8170 V/m	0.7747 V/m	0.7458 V/m
406	07/22/2015 11:13:25 AM	0.8116 V/m	0.7846 V/m	0.7557 V/m
407	07/22/2015 11:13:35 AM	0.8187 V/m	0.7885 V/m	0.7673 V/m
408	07/22/2015 11:13:45 AM	0.8122 V/m	0.7826 V/m	0.7557 V/m
409	07/22/2015 11:13:55 AM	0.7979 V/m	0.7817 V/m	0.7579 V/m
410	07/22/2015 11:14:05 AM	0.8561 V/m	0.8136 V/m	0.7899 V/m
411	07/22/2015 11:14:15 AM	0.8187 V/m	0.7901 V/m	0.7608 V/m
412	07/22/2015 11:14:25 AM	0.7899 V/m	0.7682 V/m	0.7428 V/m
413	07/22/2015 11:14:35 AM	0.7846 V/m	0.7629 V/m	0.7252 V/m
414	07/22/2015 11:14:45 AM	0.8088 V/m	0.7728 V/m	0.7469 V/m
415	07/22/2015 11:14:55 AM	0.7825 V/m	0.7681 V/m	0.7583 V/m
416	07/22/2015 11:15:05 AM	0.7822 V/m	0.7615 V/m	0.7271 V/m
417	07/22/2015 11:15:15 AM	0.7909 V/m	0.7712 V/m	0.7590 V/m
418	07/22/2015 11:15:25 AM	0.7776 V/m	0.7635 V/m	0.7484 V/m
419	07/22/2015 11:15:35 AM	0.7751 V/m	0.7589 V/m	0.7176 V/m
420	07/22/2015 11:15:45 AM	0.8010 V/m	0.7640 V/m	0.7218 V/m
421	07/22/2015 11:15:55 AM	0.8023 V/m	0.7786 V/m	0.7608 V/m
422	07/22/2015 11:16:05 AM	0.7930 V/m	0.7686 V/m	0.7506 V/m
423	07/22/2015 11:16:15 AM	0.7829 V/m	0.7613 V/m	0.7264 V/m
424	07/22/2015 11:16:25 AM	0.7913 V/m	0.7689 V/m	0.7428 V/m
425	07/22/2015 11:16:35 AM	0.7996 V/m	0.7628 V/m	0.7316 V/m
426	07/22/2015 11:16:45 AM	0.8183 V/m	0.7754 V/m	0.7575 V/m
427	07/22/2015 11:16:55 AM	0.8122 V/m	0.7803 V/m	0.7593 V/m
428	07/22/2015 11:17:05 AM	0.8102 V/m	0.7482 V/m	0.6368 V/m
429	07/22/2015 11:17:15 AM	0.8003 V/m	0.7758 V/m	0.7553 V/m
430	07/22/2015 11:17:25 AM	0.7801 V/m	0.7623 V/m	0.7339 V/m
431	07/22/2015 11:17:35 AM	0.8013 V/m	0.7635 V/m	0.7369 V/m
432	07/22/2015 11:17:45 AM	0.8105 V/m	0.7680 V/m	0.7513 V/m

433	07/22/2015 11:17:55 AM	0.8435 V/m	0.7815 V/m	0.7440 V/m
434	07/22/2015 11:18:05 AM	0.7962 V/m	0.7807 V/m	0.7673 V/m
435	07/22/2015 11:18:15 AM	0.8109 V/m	0.7885 V/m	0.7776 V/m
436	07/22/2015 11:18:25 AM	0.8376 V/m	0.7933 V/m	0.7687 V/m
437	07/22/2015 11:18:35 AM	0.8210 V/m	0.7814 V/m	0.7406 V/m
438	07/22/2015 11:18:45 AM	0.8030 V/m	0.7794 V/m	0.7575 V/m
439	07/22/2015 11:18:55 AM	0.8471 V/m	0.7898 V/m	0.7473 V/m
440	07/22/2015 11:19:05 AM	0.8156 V/m	0.7870 V/m	0.7593 V/m
441	07/22/2015 11:19:15 AM	0.8081 V/m	0.7822 V/m	0.7633 V/m
442	07/22/2015 11:19:25 AM	0.8207 V/m	0.7873 V/m	0.7369 V/m
443	07/22/2015 11:19:35 AM	0.8075 V/m	0.7741 V/m	0.7513 V/m
444	07/22/2015 11:19:45 AM	0.7941 V/m	0.7717 V/m	0.7491 V/m
445	07/22/2015 11:19:55 AM	0.7954 V/m	0.7745 V/m	0.7524 V/m
446	07/22/2015 11:20:05 AM	0.8119 V/m	0.7793 V/m	0.7615 V/m
447	07/22/2015 11:20:15 AM	0.8095 V/m	0.7833 V/m	0.7458 V/m
448	07/22/2015 11:20:25 AM	0.7744 V/m	0.7582 V/m	0.7428 V/m
449	07/22/2015 11:20:35 AM	0.7888 V/m	0.7634 V/m	0.7271 V/m
450	07/22/2015 11:20:45 AM	0.7871 V/m	0.7676 V/m	0.7476 V/m
451	07/22/2015 11:20:55 AM	0.8037 V/m	0.7832 V/m	0.7590 V/m
452	07/22/2015 11:21:05 AM	0.8176 V/m	0.7844 V/m	0.7506 V/m
453	07/22/2015 11:21:15 AM	0.8105 V/m	0.7717 V/m	0.7510 V/m
454	07/22/2015 11:21:25 AM	0.7937 V/m	0.7692 V/m	0.7517 V/m
455	07/22/2015 11:21:35 AM	0.8061 V/m	0.7769 V/m	0.7469 V/m
456	07/22/2015 11:21:45 AM	0.8187 V/m	0.7733 V/m	0.7615 V/m
457	07/22/2015 11:21:55 AM	0.7853 V/m	0.7632 V/m	0.7391 V/m
458	07/22/2015 11:22:05 AM	0.7780 V/m	0.7594 V/m	0.7458 V/m
459	07/22/2015 11:22:15 AM	0.7947 V/m	0.7628 V/m	0.7417 V/m
460	07/22/2015 11:22:25 AM	0.7825 V/m	0.7635 V/m	0.7517 V/m
461	07/22/2015 11:22:35 AM	0.7871 V/m	0.7637 V/m	0.7241 V/m
462	07/22/2015 11:22:45 AM	0.7832 V/m	0.7640 V/m	0.7335 V/m
463	07/22/2015 11:22:55 AM	0.7927 V/m	0.7717 V/m	0.7550 V/m
464	07/22/2015 11:23:05 AM	0.7829 V/m	0.7603 V/m	0.7462 V/m
465	07/22/2015 11:23:15 AM	0.7885 V/m	0.7626 V/m	0.7458 V/m
466	07/22/2015 11:23:25 AM	0.7751 V/m	0.7555 V/m	0.7172 V/m
467	07/22/2015 11:23:35 AM	0.7783 V/m	0.7544 V/m	0.7301 V/m
468	07/22/2015 11:23:45 AM	0.7762 V/m	0.7571 V/m	0.7226 V/m
469	07/22/2015 11:23:55 AM	0.8064 V/m	0.7808 V/m	0.7462 V/m
470	07/22/2015 11:24:05 AM	0.8040 V/m	0.7723 V/m	0.7432 V/m
471	07/22/2015 11:24:15 AM	0.8136 V/m	0.7795 V/m	0.7495 V/m
472	07/22/2015 11:24:25 AM	0.7758 V/m	0.7573 V/m	0.7432 V/m
473	07/22/2015 11:24:35 AM	0.8054 V/m	0.7720 V/m	0.7469 V/m
474	07/22/2015 11:24:45 AM	0.8186 V/m	0.7890 V/m	0.7542 V/m
475	07/22/2015 11:24:55 AM	0.7944 V/m	0.7680 V/m	0.7391 V/m
476	07/22/2015 11:25:05 AM	0.8431 V/m	0.7887 V/m	0.7361 V/m
477	07/22/2015 11:25:15 AM	0.8108 V/m	0.7695 V/m	0.7484 V/m
478	07/22/2015 11:25:25 AM	0.8376 V/m	0.7773 V/m	0.7350 V/m
479	07/22/2015 11:25:35 AM	0.8493 V/m	0.8111 V/m	0.7940 V/m
480	07/22/2015 11:25:45 AM	0.8193 V/m	0.7838 V/m	0.7454 V/m
481	07/22/2015 11:25:55 AM	0.7850 V/m	0.7705 V/m	0.7564 V/m
482	07/22/2015 11:26:05 AM	0.8497 V/m	0.7951 V/m	0.7436 V/m
483	07/22/2015 11:26:15 AM	0.8500 V/m	0.7881 V/m	0.7447 V/m
484	07/22/2015 11:26:25 AM	0.7787 V/m	0.7626 V/m	0.7331 V/m
485	07/22/2015 11:26:35 AM	0.8112 V/m	0.7787 V/m	0.7432 V/m
486	07/22/2015 11:26:45 AM	0.8183 V/m	0.7824 V/m	0.7509 V/m
487	07/22/2015 11:26:55 AM	0.8169 V/m	0.7685 V/m	0.7454 V/m
488	07/22/2015 11:27:05 AM	0.8300 V/m	0.7827 V/m	0.7271 V/m
489	07/22/2015 11:27:15 AM	0.8132 V/m	0.7749 V/m	0.7331 V/m
490	07/22/2015 11:27:25 AM	0.7665 V/m	0.7546 V/m	0.7421 V/m
491	07/22/2015 11:27:35 AM	0.8263 V/m	0.8018 V/m	0.7673 V/m
492	07/22/2015 11:27:45 AM	0.8246 V/m	0.7928 V/m	0.7571 V/m
493	07/22/2015 11:27:55 AM	0.8415 V/m	0.7984 V/m	0.7637 V/m
494	07/22/2015 11:28:05 AM	0.8310 V/m	0.7903 V/m	0.7762 V/m
495	07/22/2015 11:28:15 AM	0.7923 V/m	0.7797 V/m	0.7655 V/m

496	07/22/2015 11:28:25 AM	0.7975 V/m	0.7821 V/m	0.7709 V/m
497	07/22/2015 11:28:35 AM	0.8006 V/m	0.7779 V/m	0.7399 V/m
498	07/22/2015 11:28:45 AM	0.7961 V/m	0.7728 V/m	0.7354 V/m
499	07/22/2015 11:28:55 AM	0.8058 V/m	0.7842 V/m	0.7480 V/m
500	07/22/2015 11:29:05 AM	0.8170 V/m	0.7861 V/m	0.7582 V/m
501	07/22/2015 11:29:15 AM	0.8277 V/m	0.7977 V/m	0.7658 V/m
502	07/22/2015 11:29:25 AM	0.8146 V/m	0.7844 V/m	0.7484 V/m
503	07/22/2015 11:29:35 AM	0.8356 V/m	0.7973 V/m	0.7730 V/m
504	07/22/2015 11:29:45 AM	0.8122 V/m	0.7807 V/m	0.7615 V/m
505	07/22/2015 11:29:55 AM	0.8074 V/m	0.7814 V/m	0.7622 V/m
506	07/22/2015 11:30:05 AM	0.8122 V/m	0.7837 V/m	0.7658 V/m
507	07/22/2015 11:30:15 AM	0.8112 V/m	0.7896 V/m	0.7644 V/m
508	07/22/2015 11:30:25 AM	0.8237 V/m	0.7974 V/m	0.7780 V/m
509	07/22/2015 11:30:35 AM	0.8313 V/m	0.7897 V/m	0.7640 V/m
510	07/22/2015 11:30:45 AM	0.7996 V/m	0.7726 V/m	0.7506 V/m
511	07/22/2015 11:30:55 AM	0.7669 V/m	0.7536 V/m	0.7436 V/m
512	07/22/2015 11:31:05 AM	0.7829 V/m	0.7622 V/m	0.7376 V/m
513	07/22/2015 11:31:15 AM	0.7776 V/m	0.7576 V/m	0.7421 V/m
514	07/22/2015 11:31:25 AM	0.7673 V/m	0.7516 V/m	0.7395 V/m
515	07/22/2015 11:31:35 AM	0.7747 V/m	0.7534 V/m	0.7406 V/m
516	07/22/2015 11:31:45 AM	0.7888 V/m	0.7624 V/m	0.7387 V/m
517	07/22/2015 11:31:55 AM	0.7839 V/m	0.7452 V/m	0.7149 V/m
518	07/22/2015 11:32:05 AM	0.7680 V/m	0.7353 V/m	0.6938 V/m
519	07/22/2015 11:32:15 AM	0.7484 V/m	0.7363 V/m	0.7040 V/m
520	07/22/2015 11:32:25 AM	0.7447 V/m	0.7362 V/m	0.7199 V/m
521	07/22/2015 11:32:35 AM	0.7335 V/m	0.6848 V/m	0.5277 V/m
522	07/22/2015 11:32:45 AM	0.5349 V/m	0.4373 V/m	0.3991 V/m
523	07/22/2015 11:32:55 AM	0.4658 V/m	0.4201 V/m	0.4004 V/m
524	07/22/2015 11:33:05 AM	0.4483 V/m	0.4247 V/m	0.4052 V/m
525	07/22/2015 11:33:15 AM	0.4508 V/m	0.4233 V/m	0.3977 V/m
526	07/22/2015 11:33:25 AM	0.4465 V/m	0.4279 V/m	0.4079 V/m
527	07/22/2015 11:33:35 AM	0.4465 V/m	0.4266 V/m	0.4079 V/m
528	07/22/2015 11:33:45 AM	0.5026 V/m	0.4746 V/m	0.4099 V/m
529	07/22/2015 11:33:55 AM	0.6966 V/m	0.5408 V/m	0.4453 V/m
530	07/22/2015 11:34:05 AM	0.7579 V/m	0.7262 V/m	0.6834 V/m
531	07/22/2015 11:34:15 AM	0.7298 V/m	0.6882 V/m	0.5654 V/m
532	07/22/2015 11:34:25 AM	0.5731 V/m	0.4623 V/m	0.4086 V/m
533	07/22/2015 11:34:35 AM	0.4231 V/m	0.4064 V/m	0.3921 V/m
534	07/22/2015 11:34:45 AM	0.4372 V/m	0.4064 V/m	0.3538 V/m
535	07/22/2015 11:34:55 AM	0.4225 V/m	0.4094 V/m	0.3914 V/m
536	07/22/2015 11:35:05 AM	0.4251 V/m	0.4026 V/m	0.3749 V/m
537	07/22/2015 11:35:15 AM	0.4302 V/m	0.4006 V/m	0.3727 V/m
538	07/22/2015 11:35:25 AM	0.4146 V/m	0.4025 V/m	0.3886 V/m
539	07/22/2015 11:35:35 AM	0.4126 V/m	0.4016 V/m	0.3879 V/m
540	07/22/2015 11:35:45 AM	0.4166 V/m	0.4010 V/m	0.3829 V/m
541	07/22/2015 11:35:55 AM	0.4192 V/m	0.3995 V/m	0.3720 V/m
542	07/22/2015 11:36:05 AM	0.4205 V/m	0.4000 V/m	0.3683 V/m
543	07/22/2015 11:36:15 AM	0.4435 V/m	0.4099 V/m	0.3690 V/m
544	07/22/2015 11:36:25 AM	0.4212 V/m	0.4034 V/m	0.3858 V/m
545	07/22/2015 11:36:35 AM	0.4179 V/m	0.3987 V/m	0.3772 V/m
546	07/22/2015 11:36:45 AM	0.4166 V/m	0.3759 V/m	0.2320 V/m
547	07/22/2015 11:36:55 AM	0.4086 V/m	0.3948 V/m	0.3779 V/m
548	07/22/2015 11:37:05 AM	0.4086 V/m	0.3882 V/m	0.3713 V/m
549	07/22/2015 11:37:15 AM	0.4073 V/m	0.3894 V/m	0.3698 V/m
550	07/22/2015 11:37:25 AM	0.4133 V/m	0.3890 V/m	0.3690 V/m
551	07/22/2015 11:37:35 AM	0.3970 V/m	0.3849 V/m	0.3683 V/m
552	07/22/2015 11:37:45 AM	0.4066 V/m	0.3893 V/m	0.3705 V/m
553	07/22/2015 11:37:55 AM	0.3991 V/m	0.3877 V/m	0.3720 V/m
554	07/22/2015 11:38:05 AM	0.4113 V/m	0.3954 V/m	0.3742 V/m
555	07/22/2015 11:38:15 AM	0.4199 V/m	0.3957 V/m	0.3698 V/m
556	07/22/2015 11:38:25 AM	0.4100 V/m	0.3816 V/m	0.3569 V/m
557	07/22/2015 11:38:35 AM	0.3998 V/m	0.3836 V/m	0.3720 V/m
558	07/22/2015 11:38:45 AM	0.3998 V/m	0.3813 V/m	0.3600 V/m

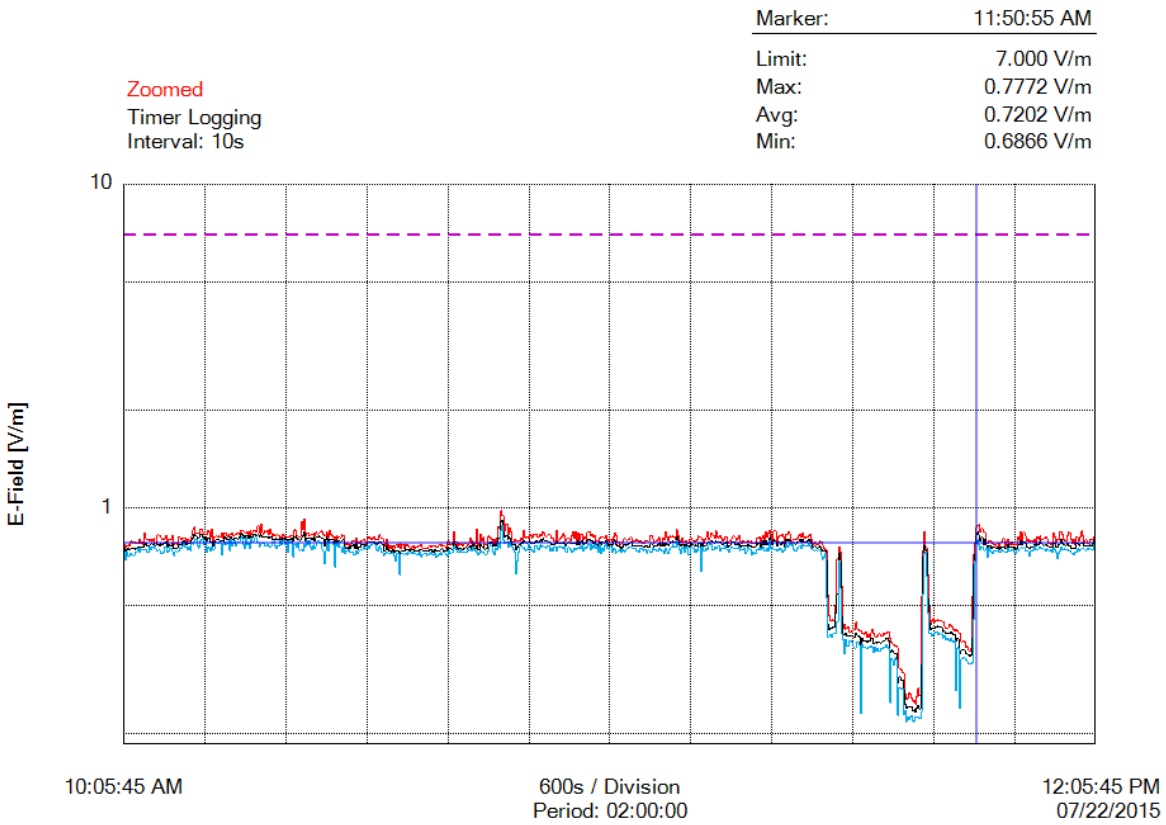
559	07/22/2015 11:38:55 AM	0.4039 V/m	0.3847 V/m	0.3683 V/m
560	07/22/2015 11:39:05 AM	0.4086 V/m	0.3843 V/m	0.3600 V/m
561	07/22/2015 11:39:15 AM	0.4032 V/m	0.3814 V/m	0.3676 V/m
562	07/22/2015 11:39:25 AM	0.4025 V/m	0.3856 V/m	0.3668 V/m
563	07/22/2015 11:39:35 AM	0.4106 V/m	0.3869 V/m	0.3713 V/m
564	07/22/2015 11:39:45 AM	0.4073 V/m	0.3893 V/m	0.3713 V/m
565	07/22/2015 11:39:55 AM	0.4093 V/m	0.3958 V/m	0.3771 V/m
566	07/22/2015 11:40:05 AM	0.4139 V/m	0.3960 V/m	0.3713 V/m
567	07/22/2015 11:40:15 AM	0.4140 V/m	0.3890 V/m	0.3668 V/m
568	07/22/2015 11:40:25 AM	0.3942 V/m	0.3561 V/m	0.2502 V/m
569	07/22/2015 11:40:35 AM	0.3836 V/m	0.3626 V/m	0.3412 V/m
570	07/22/2015 11:40:45 AM	0.3786 V/m	0.3612 V/m	0.3372 V/m
571	07/22/2015 11:40:55 AM	0.3771 V/m	0.3555 V/m	0.3272 V/m
572	07/22/2015 11:41:05 AM	0.3727 V/m	0.3542 V/m	0.3436 V/m
573	07/22/2015 11:41:15 AM	0.3749 V/m	0.3559 V/m	0.3388 V/m
574	07/22/2015 11:41:25 AM	0.3683 V/m	0.2879 V/m	0.2284 V/m
575	07/22/2015 11:41:35 AM	0.3187 V/m	0.3001 V/m	0.2783 V/m
576	07/22/2015 11:41:45 AM	0.3161 V/m	0.2927 V/m	0.2763 V/m
577	07/22/2015 11:41:55 AM	0.3109 V/m	0.2940 V/m	0.2763 V/m
578	07/22/2015 11:42:05 AM	0.3082 V/m	0.2732 V/m	0.2296 V/m
579	07/22/2015 11:42:15 AM	0.2651 V/m	0.2477 V/m	0.2367 V/m
580	07/22/2015 11:42:25 AM	0.2556 V/m	0.2394 V/m	0.2186 V/m
581	07/22/2015 11:42:35 AM	0.2588 V/m	0.2415 V/m	0.2260 V/m
582	07/22/2015 11:42:45 AM	0.2672 V/m	0.2418 V/m	0.2211 V/m
583	07/22/2015 11:42:55 AM	0.2651 V/m	0.2415 V/m	0.2260 V/m
584	07/22/2015 11:43:05 AM	0.2588 V/m	0.2425 V/m	0.2284 V/m
585	07/22/2015 11:43:15 AM	0.2524 V/m	0.2360 V/m	0.2186 V/m
586	07/22/2015 11:43:25 AM	0.2535 V/m	0.2376 V/m	0.2198 V/m
587	07/22/2015 11:43:35 AM	0.2480 V/m	0.2341 V/m	0.2260 V/m
588	07/22/2015 11:43:45 AM	0.2609 V/m	0.2411 V/m	0.2248 V/m
589	07/22/2015 11:43:55 AM	0.2773 V/m	0.2458 V/m	0.2260 V/m
590	07/22/2015 11:44:05 AM	0.2620 V/m	0.2389 V/m	0.2235 V/m
591	07/22/2015 11:44:15 AM	0.5340 V/m	0.3256 V/m	0.2343 V/m
592	07/22/2015 11:44:25 AM	0.7391 V/m	0.7061 V/m	0.5411 V/m
593	07/22/2015 11:44:35 AM	0.8454 V/m	0.7631 V/m	0.7207 V/m
594	07/22/2015 11:44:45 AM	0.7561 V/m	0.7443 V/m	0.7290 V/m
595	07/22/2015 11:44:55 AM	0.7539 V/m	0.7223 V/m	0.6166 V/m
596	07/22/2015 11:45:05 AM	0.6232 V/m	0.5229 V/m	0.4746 V/m
597	07/22/2015 11:45:15 AM	0.4955 V/m	0.4412 V/m	0.4079 V/m
598	07/22/2015 11:45:25 AM	0.4366 V/m	0.4197 V/m	0.4079 V/m
599	07/22/2015 11:45:35 AM	0.4471 V/m	0.4242 V/m	0.4011 V/m
600	07/22/2015 11:45:45 AM	0.4544 V/m	0.4257 V/m	0.4059 V/m
601	07/22/2015 11:45:55 AM	0.4428 V/m	0.4263 V/m	0.4106 V/m
602	07/22/2015 11:46:05 AM	0.4477 V/m	0.4276 V/m	0.4126 V/m
603	07/22/2015 11:46:15 AM	0.4508 V/m	0.4304 V/m	0.4119 V/m
604	07/22/2015 11:46:25 AM	0.4484 V/m	0.4271 V/m	0.4046 V/m
605	07/22/2015 11:46:35 AM	0.4471 V/m	0.4264 V/m	0.4099 V/m
606	07/22/2015 11:46:45 AM	0.4465 V/m	0.4268 V/m	0.4073 V/m
607	07/22/2015 11:46:55 AM	0.4447 V/m	0.4148 V/m	0.3963 V/m
608	07/22/2015 11:47:05 AM	0.4315 V/m	0.4163 V/m	0.4039 V/m
609	07/22/2015 11:47:15 AM	0.4251 V/m	0.4102 V/m	0.3900 V/m
610	07/22/2015 11:47:25 AM	0.4251 V/m	0.4112 V/m	0.3942 V/m
611	07/22/2015 11:47:35 AM	0.4264 V/m	0.4110 V/m	0.3928 V/m
612	07/22/2015 11:47:45 AM	0.4365 V/m	0.4082 V/m	0.3886 V/m
613	07/22/2015 11:47:55 AM	0.4309 V/m	0.4116 V/m	0.3935 V/m
614	07/22/2015 11:48:05 AM	0.4277 V/m	0.4076 V/m	0.3886 V/m
615	07/22/2015 11:48:15 AM	0.4212 V/m	0.4058 V/m	0.3851 V/m
616	07/22/2015 11:48:25 AM	0.4179 V/m	0.4063 V/m	0.3900 V/m
617	07/22/2015 11:48:35 AM	0.4225 V/m	0.3866 V/m	0.2723 V/m
618	07/22/2015 11:48:45 AM	0.4166 V/m	0.3945 V/m	0.3683 V/m
619	07/22/2015 11:48:55 AM	0.4099 V/m	0.3928 V/m	0.3705 V/m
620	07/22/2015 11:49:05 AM	0.4093 V/m	0.3544 V/m	0.2401 V/m
621	07/22/2015 11:49:15 AM	0.3851 V/m	0.3632 V/m	0.3404 V/m

622	07/22/2015 11:49:25 AM	0.3879 V/m	0.3648 V/m	0.3452 V/m
623	07/22/2015 11:49:35 AM	0.3844 V/m	0.3635 V/m	0.3436 V/m
624	07/22/2015 11:49:45 AM	0.3713 V/m	0.3528 V/m	0.3396 V/m
625	07/22/2015 11:49:55 AM	0.3727 V/m	0.3531 V/m	0.3347 V/m
626	07/22/2015 11:50:05 AM	0.3630 V/m	0.3502 V/m	0.3297 V/m
627	07/22/2015 11:50:15 AM	0.3600 V/m	0.3473 V/m	0.3289 V/m
628	07/22/2015 11:50:25 AM	0.3683 V/m	0.3500 V/m	0.3289 V/m
629	07/22/2015 11:50:35 AM	0.5303 V/m	0.3946 V/m	0.3331 V/m
630	07/22/2015 11:50:45 AM	0.7180 V/m	0.6677 V/m	0.4514 V/m
631	07/22/2015 11:50:55 AM	0.7772 V/m	0.7202 V/m	0.6866 V/m
632	07/22/2015 11:51:05 AM	0.8708 V/m	0.8259 V/m	0.7744 V/m
633	07/22/2015 11:51:15 AM	0.8812 V/m	0.8412 V/m	0.7975 V/m
634	07/22/2015 11:51:25 AM	0.8892 V/m	0.8241 V/m	0.7705 V/m
635	07/22/2015 11:51:35 AM	0.8432 V/m	0.7884 V/m	0.7406 V/m
636	07/22/2015 11:51:45 AM	0.8657 V/m	0.8130 V/m	0.7593 V/m
637	07/22/2015 11:51:55 AM	0.8438 V/m	0.7678 V/m	0.7399 V/m
638	07/22/2015 11:52:05 AM	0.8412 V/m	0.8006 V/m	0.7388 V/m
639	07/22/2015 11:52:15 AM	0.7818 V/m	0.7676 V/m	0.7487 V/m
640	07/22/2015 11:52:25 AM	0.7751 V/m	0.7475 V/m	0.7033 V/m
641	07/22/2015 11:52:35 AM	0.7937 V/m	0.7659 V/m	0.7491 V/m
642	07/22/2015 11:52:45 AM	0.7906 V/m	0.7625 V/m	0.7388 V/m
643	07/22/2015 11:52:55 AM	0.7811 V/m	0.7515 V/m	0.7316 V/m
644	07/22/2015 11:53:05 AM	0.7747 V/m	0.7543 V/m	0.7245 V/m
645	07/22/2015 11:53:15 AM	0.7723 V/m	0.7572 V/m	0.7388 V/m
646	07/22/2015 11:53:25 AM	0.7665 V/m	0.7528 V/m	0.7358 V/m
647	07/22/2015 11:53:35 AM	0.7741 V/m	0.7516 V/m	0.7335 V/m
648	07/22/2015 11:53:45 AM	0.7801 V/m	0.7574 V/m	0.7402 V/m
649	07/22/2015 11:53:55 AM	0.7582 V/m	0.7444 V/m	0.7290 V/m
650	07/22/2015 11:54:05 AM	0.7826 V/m	0.7528 V/m	0.7313 V/m
651	07/22/2015 11:54:15 AM	0.7829 V/m	0.7594 V/m	0.7406 V/m
652	07/22/2015 11:54:25 AM	0.8040 V/m	0.7571 V/m	0.7332 V/m
653	07/22/2015 11:54:35 AM	0.7597 V/m	0.7481 V/m	0.7294 V/m
654	07/22/2015 11:54:45 AM	0.7815 V/m	0.7478 V/m	0.7305 V/m
655	07/22/2015 11:54:55 AM	0.8003 V/m	0.7735 V/m	0.7509 V/m
656	07/22/2015 11:55:05 AM	0.7779 V/m	0.7562 V/m	0.7361 V/m
657	07/22/2015 11:55:15 AM	0.7719 V/m	0.7582 V/m	0.7343 V/m
658	07/22/2015 11:55:25 AM	0.7808 V/m	0.7594 V/m	0.7439 V/m
659	07/22/2015 11:55:35 AM	0.7701 V/m	0.7560 V/m	0.7440 V/m
660	07/22/2015 11:55:45 AM	0.7730 V/m	0.7494 V/m	0.7279 V/m
661	07/22/2015 11:55:55 AM	0.7716 V/m	0.7452 V/m	0.7241 V/m
662	07/22/2015 11:56:05 AM	0.7669 V/m	0.7527 V/m	0.7417 V/m
663	07/22/2015 11:56:15 AM	0.8136 V/m	0.7680 V/m	0.7380 V/m
664	07/22/2015 11:56:25 AM	0.7996 V/m	0.7717 V/m	0.7473 V/m
665	07/22/2015 11:56:35 AM	0.8451 V/m	0.7968 V/m	0.7531 V/m
666	07/22/2015 11:56:45 AM	0.7934 V/m	0.7691 V/m	0.7513 V/m
667	07/22/2015 11:56:55 AM	0.8399 V/m	0.7871 V/m	0.7553 V/m
668	07/22/2015 11:57:05 AM	0.8196 V/m	0.7800 V/m	0.7391 V/m
669	07/22/2015 11:57:15 AM	0.7910 V/m	0.7568 V/m	0.7346 V/m
670	07/22/2015 11:57:25 AM	0.7989 V/m	0.7550 V/m	0.7343 V/m
671	07/22/2015 11:57:35 AM	0.7839 V/m	0.7497 V/m	0.7087 V/m
672	07/22/2015 11:57:45 AM	0.7916 V/m	0.7563 V/m	0.7391 V/m
673	07/22/2015 11:57:55 AM	0.7899 V/m	0.7560 V/m	0.7343 V/m
674	07/22/2015 11:58:05 AM	0.7808 V/m	0.7539 V/m	0.7399 V/m
675	07/22/2015 11:58:15 AM	0.7951 V/m	0.7730 V/m	0.7615 V/m
676	07/22/2015 11:58:25 AM	0.7744 V/m	0.7627 V/m	0.7451 V/m
677	07/22/2015 11:58:35 AM	0.8166 V/m	0.7700 V/m	0.7454 V/m
678	07/22/2015 11:58:45 AM	0.8010 V/m	0.7670 V/m	0.7480 V/m
679	07/22/2015 11:58:55 AM	0.8173 V/m	0.7892 V/m	0.7564 V/m
680	07/22/2015 11:59:05 AM	0.7968 V/m	0.7754 V/m	0.7473 V/m
681	07/22/2015 11:59:15 AM	0.8010 V/m	0.7733 V/m	0.7487 V/m
682	07/22/2015 11:59:25 AM	0.8047 V/m	0.7642 V/m	0.7451 V/m
683	07/22/2015 11:59:35 AM	0.8142 V/m	0.7706 V/m	0.7347 V/m
684	07/22/2015 11:59:45 AM	0.8034 V/m	0.7643 V/m	0.7476 V/m

685	07/22/2015 11:59:55 AM	0.7804 V/m	0.7604 V/m	0.7406 V/m
686	07/22/2015 12:00:05 PM	0.7804 V/m	0.7545 V/m	0.7354 V/m
687	07/22/2015 12:00:15 PM	0.7708 V/m	0.7548 V/m	0.7436 V/m
688	07/22/2015 12:00:25 PM	0.7783 V/m	0.7582 V/m	0.7267 V/m
689	07/22/2015 12:00:35 PM	0.8386 V/m	0.7763 V/m	0.7517 V/m
690	07/22/2015 12:00:45 PM	0.8095 V/m	0.7804 V/m	0.7451 V/m
691	07/22/2015 12:00:55 PM	0.7853 V/m	0.7583 V/m	0.7298 V/m
692	07/22/2015 12:01:05 PM	0.8017 V/m	0.7540 V/m	0.6978 V/m
693	07/22/2015 12:01:15 PM	0.7992 V/m	0.7700 V/m	0.7233 V/m
694	07/22/2015 12:01:25 PM	0.8461 V/m	0.7750 V/m	0.7361 V/m
695	07/22/2015 12:01:35 PM	0.8409 V/m	0.8002 V/m	0.7568 V/m
696	07/22/2015 12:01:45 PM	0.8247 V/m	0.7740 V/m	0.7421 V/m
697	07/22/2015 12:01:55 PM	0.7958 V/m	0.7678 V/m	0.7465 V/m
698	07/22/2015 12:02:05 PM	0.7895 V/m	0.7638 V/m	0.7421 V/m
699	07/22/2015 12:02:15 PM	0.8217 V/m	0.7776 V/m	0.7454 V/m
700	07/22/2015 12:02:25 PM	0.8409 V/m	0.7614 V/m	0.7373 V/m
701	07/22/2015 12:02:35 PM	0.8386 V/m	0.7644 V/m	0.7373 V/m
702	07/22/2015 12:02:45 PM	0.7965 V/m	0.7512 V/m	0.7271 V/m
703	07/22/2015 12:02:55 PM	0.7772 V/m	0.7480 V/m	0.7241 V/m
704	07/22/2015 12:03:05 PM	0.7958 V/m	0.7494 V/m	0.7157 V/m
705	07/22/2015 12:03:15 PM	0.7733 V/m	0.7500 V/m	0.7271 V/m
706	07/22/2015 12:03:25 PM	0.8109 V/m	0.7785 V/m	0.7309 V/m
707	07/22/2015 12:03:35 PM	0.8088 V/m	0.7766 V/m	0.7469 V/m
708	07/22/2015 12:03:45 PM	0.7892 V/m	0.7659 V/m	0.7361 V/m
709	07/22/2015 12:03:55 PM	0.8132 V/m	0.7753 V/m	0.7454 V/m
710	07/22/2015 12:04:05 PM	0.8480 V/m	0.7756 V/m	0.7480 V/m
711	07/22/2015 12:04:15 PM	0.8173 V/m	0.7789 V/m	0.7513 V/m
712	07/22/2015 12:04:25 PM	0.7780 V/m	0.7618 V/m	0.7454 V/m
713	07/22/2015 12:04:35 PM	0.7954 V/m	0.7633 V/m	0.7391 V/m
714	07/22/2015 12:04:45 PM	0.7786 V/m	0.7608 V/m	0.7506 V/m
715	07/22/2015 12:04:55 PM	0.7797 V/m	0.7619 V/m	0.7462 V/m
716	07/22/2015 12:05:05 PM	0.7961 V/m	0.7667 V/m	0.7476 V/m
717	07/22/2015 12:05:15 PM	0.7982 V/m	0.7633 V/m	0.7432 V/m
718	07/22/2015 12:05:25 PM	0.7978 V/m	0.7738 V/m	0.7406 V/m
719	07/22/2015 12:05:35 PM	0.8129 V/m	0.7884 V/m	0.7701 V/m
720	07/22/2015 12:05:45 PM	0.8412 V/m	0.8003 V/m	0.7658 V/m

narda Safety Test Solutions
an Communications Company

Graph



narda Safety Test Solutions
an Communications Company

Parameters

Number of Sub Indices	720
Storing Date	07/22/2015
Storing Time	10:05:45 AM
Dataset Type	TIM
Voice Comment Available	NO
Dataset Fine Type	T1
GPS Flag	NORMAL
Device Product Name	NBM-550
Device Serial Number	B-0507
Device Cal Due Date	06/10/2017
Probe Product Name	EF0391
Probe Serial Number	A-0636
Probe Cal Due Date	06/15/2017
Probe Field Type	E
Probe Connection Type	A
Probe Lower Frequency Limit A	100 kHz
Probe Upper Frequency Limit A	3 GHz
Probe Lower Frequency Limit B	100 kHz
Probe Upper Frequency Limit B	3 GHz
Probe Emin A	185.0 mV/m
Probe Emax A	300.0 V/m
Probe Emin B	185.0 mV/m
Probe Emax B	300.0 V/m
Shaped Probe	NO
Standard ID	1
Standard Name	FCC 1997 Occupational
Apply Standard	OFF
Frequency	100 kHz
Apply Correction Frequency	OFF
Eref_E(f)	614.0 V/m
Eref_H(f)	614.5 V/m
Combi Probe Use	E_H
Unit	V/m
Results Format	FIXED
Auto-Zero Interval	OFF
Result Type	-
Averaging Time	-
Average Progress	-
Spatial AVG Mode	-
Store Condition	-
Storing Range	-
Cond. Stop Time	-
Upper Threshold	-
Lower Threshold	-
Timer Interval	10 sec
Timer Duration	02:00:00
History Time Scale	-
Time progress of current segment	-

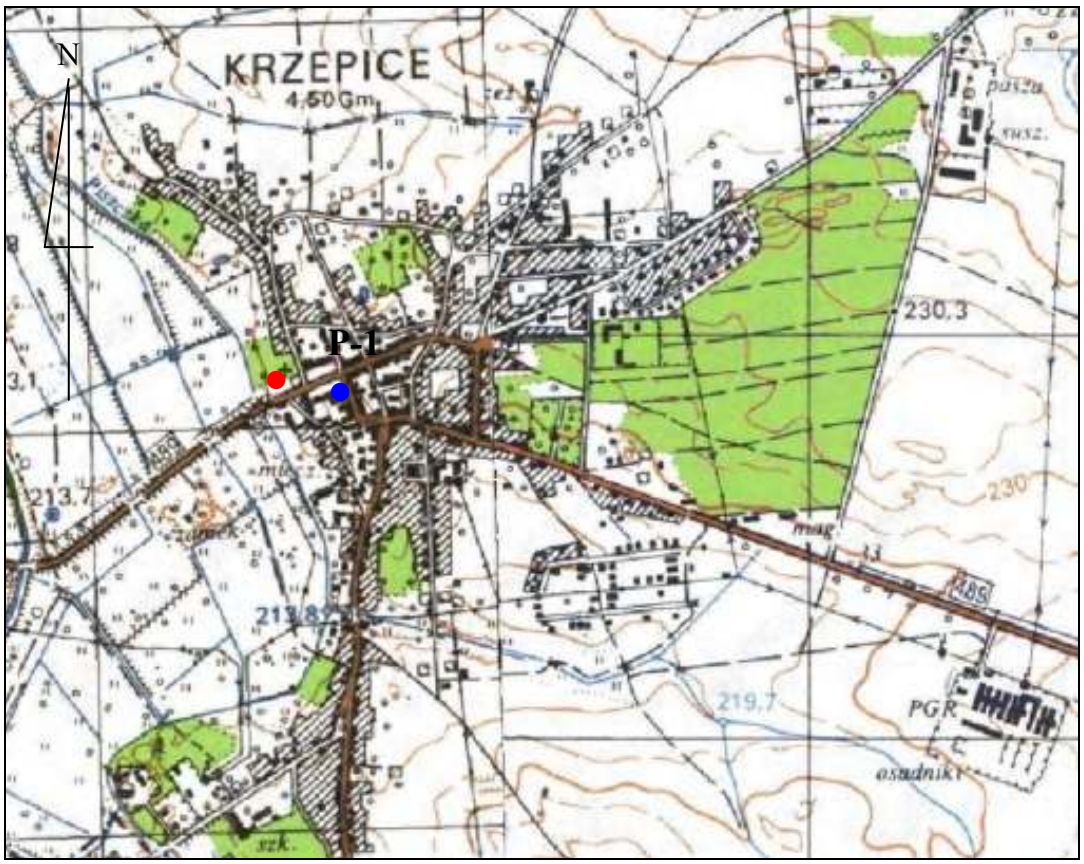
FOTOGRAFIE REJONU BADAŃ:

Fot. 1. Rejon badań, widok w kierunku wschodnim

Fot. 2. Rejon badań, widok w kierunku zachodnim

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

Fot. 4. Przyrząd pomiarowy w trakcie prowadzonego badania



KRZEPICE

Oznaczenia:

- P-1 – punkt pomiarowy poziomów pól elektromagnetycznych w środowisku
- – lokalizacja instalacji radiokomunikacyjnych

Ryc. Szkic sytuacyjny rejonu badań.