Wojewódzki Inspektorat Ochrony Środowiska w Katowicach
Pracownia Analiz Manualnych, Instrumentalnych, Hydrobiologicznych, Mikrobiologicznych oraz Pomiarów Terenowych i Pobierania Próbek w Bielsku-Białej
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Nr sprawy: LB.7072.3.2014
PROTOKÓŁ Z POMIARÓW nr 10/33/2015/PEM

SPRAWOZDANIE Z MONITORINGOWEGO POMIARU PÓL ELEKTROMAGNETYCZNYCH nr: 244/2015

Instalacja: BT 24144, BIE2020_A, 50244 CZECHOWICE PODLESIE;

Miejsce pomiarów: P-1, Czechowice-Dziedzice, ul. Łukowa;

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

Data oraz godzina wykonania pomiarów: 19.05.2015, godzina 12:47-14:47;

Pora wykonania pomiarów : dnia.

1. PODSTAWA BADAŃ

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

2. CEL BADAŃ

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

3. TEREN BADAŃ

Punkt pomiarowy P-1 poziomów pól elektromagnetycznych w środowisku zlokalizowano w granicach administracyjnych miasta Czechowice-Dziedzice, na południe od centrum miasta, przy ul. Łukowej. Zgodnie z obowiązującym Rozporządzeniem wysokość posadowienia sondy pomiarowej wyniosła h: 2 m n.p.t. W najbliższym sąsiedztwie punktu pomiarowego P-1, zagospodarowanie terenu stanowi zabudowa mieszkaniowa jednorodzinna dwukondygnacyjna. Najbliższy obiekt budowlany – budynek mieszkalny jednorodzinny nr 48 oddalony o 6 m znajduje się w kierunku południowym.
W kierunku północno-zachodnim na dachu budynku użyteczności publicznej znajdują się instalacje emitujące pola elektromagnetyczne do środowiska – stacje bazowe telefonii komórkowej.

Klasyfikacja rodzaju terenu wg wytycznych przedmiotowego Rozporządzenia:

Pozostałe miasta (do 50 tys. mieszkańców)

Nomenklatura jednostki terytorialnej (NTS):

Czechowice-Dziedzice 5.2.24.44.02.04.4

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

N 49°53'47.2"
E 19°01'07.9";

Wysokość lokalizacji punktu pomiarowego:

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

Odległości punktu pomiarowego od elewacji najbliższych obiektów mieszkalnych
- jednorodzinnych zlokalizowanej w pobliżu przekroju pomiarowego poziomów pól w środowisku:

l = 6 [m] - od elewacji budynku mieszkalnego jednorodzinnego przy ul Łukowej 48

Lokalizacja punktu pomiarowego – prywatna posesja przy ul. Łukowej.

4. METODYKA BADAŃ

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

5. WYPOSAŻENIE POMIAROWE

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

Pomiarów warunków meteorologicznych dokonano przy pomocy anemometru Kestrel 4500.
Szczegółowe dane identyfikacyjne przyrządów przedstawiono w tabeli poniżej:

Tabela 1

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

Sonda pomiarowa</td><td>Typ: Broadband Field Meter NBM-550
P/N: 2401/01
S/N: B-0777
Producent: Narda Safety Test Solutions GmbH, Niemcy;

Typ: EF0391, E-Field
P/N: 2402/01
S/N: A-0882
Producent: j.w.
Zakres: 100 kHz – 3 GHz
Charakterystyka częstotliwościowa czułości:
+/- 1 dB (1MHz – 1 GHz)
+/- 1,25dB (1GHz – 2,45 GHz)</td><td>Przyrząd pomiarowy</td><td>Typ: KESTREL 4500
S. no.: 598799
Producent: Nielsen-Kellerman</td></tr>
<tr><td rowspan="3">Data i czasokres pomiarów</td><td rowspan="3">19-05-2015 r.
12:47:19–14:47:19</td><td colspan="2">Wyniki pomiarów:</td></tr>
<tr><td>T [°C]</td><td>23,8 – 30,4</td></tr>
<tr><td>RH [%]</td><td>34,2 – 46,2</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* nr LWiMP/W/185/14 z dnia 6 października 2014 r. wydane przez Laboratorium Wzorców i Metrologii Pola Elektromagnetycznego (LWiMP) Politechniki Wrocławskiej.

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

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

(* - *w rozumieniu wymagań przedmiotowego Rozporządzenia*)

W odległości około 132 m od punktu pomiarowego P-1, w kierunku północno-zachodnim, znajduje się budynek hotelowy, na dachu którego zainstalowano anteny nadawczo-odbiorcze stacji bazowych telefonii komórkowej administrowane przez Polkomtel Sp. z o.o., P4 Sp. z o.o. oraz T-Mobile Polska S.A. W poniższych tabelach przedstawiono wyspecyfikowane parametry instalacji, zebrane na podstawie materiałów uzyskanych od operatorów instalacji.

Tabela 2

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

<u>Nazwa instalacji wg nomenklatury użytkownika:</u>
Stacja bazowa nr: **BT 24144**

<u>Lokalizacja:</u>
Czechowice-Dziedzice, ul. Łukowa 39, maszt na budynku hotelowym

Lp.	**Azymut** [^{0}]	**Typ anteny**	**Pasmo (system) pracy [MHz]**	**Wysokość zawieszenia H [m] n.p.t.**	**EIRP $_{max}$ [W]**
1.	28	Anteny sektorowe BSA 1058 BSA 1042 BSA 1058	 800 (LTE) 900 (GSM) 1800 (LTE)/2100 (UMTS)	 23,1	 1659 4017 6919
2.	140	Anteny sektorowe BSA 1058 BSA 1042 BSA 1058	 800 (LTE) 900 (GSM) 1800 (LTE)/2100 (UMTS)	 20,6	 1659 4176 7505
3.	280	Anteny sektorowe BSA 1058 BSA 1042 BSA 1058	 800 (LTE) 900 (GSM) 1800 (LTE)/2100 (UMTS)	 23,1	 1659 4017 6919

EIRP $_{max}$, łącznie ze wszystkich anten sektorowych przedmiotowej instalacji: **38 530** [W].

Objaśnienia:

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

Tabela 3

<u>Zarządzający instalacją</u>:
P4 Sp. z o.o.
ul. Taśmowa 7,
02-677 Warszawa

<u>Nazwa instalacji wg nomenklatury użytkownika:</u>
Stacja bazowa nr: **BIE_2020**

<u>Lokalizacja:</u>
Czechowice-Dziedzice, ul. Łukowa 39, maszt na budynku hotelowym

Lp.	**Azymut** [^{0}]	**Typ anteny**	**Pasmo (system) pracy [MHz]**	**Wysokość zawieszenia H [m] n.p.t.**	**EIRP $_{max}$ [W]**
1.	0	Anteny sektorowe 80010305 742215	900 (GSM) 1800 (GSM) 2100 (UMTS)	19,9 20,4	3467 5624 1995
2.	120	Anteny sektorowe 80010305 742215	900 (GSM) 1800 (GSM) 2100 (UMTS)	19,9 20,4	3467 5624 1995
3	240	Anteny sektorowe 80010305 742215	900 (GSM) 1800 (GSM) 2100 (UMTS)	19,9 20,4	3467 5624 1995

EIRP $_{max}$, łącznie ze wszystkich anten sektorowych przedmiotowej instalacji: **33 258** [W].

Objaśnienia:

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

Tabela 4

<u>Zarządzający instalacją</u>:
T-Mobile Polska S.A.
ul. Marynarska 12,
02-674 Warszawa,

<u>Nazwa instalacji wg nomenklatury użytkownika:</u>
Stacja bazowa nr: **50244 CZECHOWICE PODLESIE**

<u>Lokalizacja:</u>
Czechowice-Dziedzice, ul. Łukowa 39, maszt na budynku hotelowym

Lp.	**Azymut** [^{0}]	**Typ anteny**	**Pasmo (system) pracy [MHz]**	**Wysokość zawieszenia H [m] n.p.t.**	**EIRP $_{max}$ [W]**
1.	90	Antena sektorowa Kathrein 742266	900 (GSM)	28,2	4897
2.	200	Antena sektorowa Kathrein 742266	900 (GSM)	28,2	4623
3.	330	Antena sektorowa Kathrein 742266	900 (GSM)	28,2	4897
4.	90	Antena sektorowa Kathrein 742266	1800 (DCS)	28,2	7079
5.	200	Antena sektorowa Kathrein 742266	1800 (DCS)	28,2	6165
6.	330	Antena sektorowa Kathrein 742266	1800 (DCS)	28,2	6165
7.	90	Antena sektorowa Kathrein 80010510	2100 (UMTS) 1800 (LTE)	27,8	5623 912
8.	200	Antena sektorowa Kathrein 80010510	2100 (UMTS) 1800 (LTE)	27,8	5623 912
9.	330	Antena sektorowa Kathrein 80010510	2100 (UMTS) 1800 (LTE)	27,8	5623 912

EIRP $_{max}$, łącznie ze wszystkich anten sektorowych instalacji: **53 431** [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 5

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. Łukowa Miasto – Czechowice-Dziedzice	1,34	2,5

Objaśnienia:

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

8. ZAŁĄCZNIKI

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

Data wydania:		
Pomiary i sprawozdanie wykonał:	**Sprawozdanie autoryzował:**	**Zatwierdził:**
……...	…….....	…….....

Załącznik nr 1 do Sprawozdania z badań nr 244/2015

Instrument / Site

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

Site	Coordinates
P-1, ul. Łukowa, Miasto - Czechowice-Dziedzice, Powiat - bielski, Województwo - śląskie	Latitude: 49°53'47.2" N Longitude: 19°1'07.9" E

Comment
Pomiary poziomów pól elektromagnetycznych 100 kHz - 3 GHz (składowej elektrycznej E) w środowisku; 19.05.2015 r., Czechowice-Dziedzice woj. śląskie; Ryc. Wykres zależności zmian natężenia składowej elektrycznej pola w funkcji czasu, marker - wartość średnia max elementarna interwału dT: 10 sec, w przedziale czasokresu obserwacji T: 2.00 h, w środowisku, Program Państwowego Monitoringu Środowiska 2015 rok

Measured Values

Zoomed

Timer: Start Time 12:47:19 PM, Period 2h 0' 0", Interval 10s

Index	Date/Time	Zero	Max (E-Field)	Avg (E-Field)	Min (E-Field)
1	05/19/2015 12:47:29 PM		1.390 V/m	1.322 V/m	1.254 V/m
2	05/19/2015 12:47:39 PM		1.432 V/m	1.363 V/m	1.290 V/m
3	05/19/2015 12:47:49 PM		1.513 V/m	1.394 V/m	1.333 V/m
4	05/19/2015 12:47:59 PM		1.408 V/m	1.363 V/m	1.320 V/m
5	05/19/2015 12:48:09 PM		1.402 V/m	1.361 V/m	1.332 V/m
6	05/19/2015 12:48:19 PM		1.455 V/m	1.391 V/m	1.333 V/m
7	05/19/2015 12:48:29 PM		1.399 V/m	1.356 V/m	1.332 V/m
8	05/19/2015 12:48:39 PM		1.450 V/m	1.354 V/m	1.296 V/m
9	05/19/2015 12:48:49 PM		1.434 V/m	1.345 V/m	1.302 V/m
10	05/19/2015 12:48:59 PM		1.403 V/m	1.366 V/m	1.335 V/m
11	05/19/2015 12:49:09 PM		1.427 V/m	1.383 V/m	1.331 V/m
12	05/19/2015 12:49:19 PM		1.394 V/m	1.355 V/m	1.316 V/m
13	05/19/2015 12:49:29 PM		1.432 V/m	1.359 V/m	1.317 V/m
14	05/19/2015 12:49:39 PM		1.368 V/m	1.333 V/m	1.294 V/m
15	05/19/2015 12:49:49 PM		1.399 V/m	1.350 V/m	1.307 V/m
16	05/19/2015 12:49:59 PM		1.410 V/m	1.351 V/m	1.309 V/m
17	05/19/2015 12:50:09 PM		1.417 V/m	1.364 V/m	1.325 V/m
18	05/19/2015 12:50:19 PM		1.408 V/m	1.345 V/m	1.304 V/m
19	05/19/2015 12:50:29 PM		1.399 V/m	1.366 V/m	1.290 V/m
20	05/19/2015 12:50:39 PM		1.438 V/m	1.356 V/m	1.310 V/m
21	05/19/2015 12:50:49 PM		1.505 V/m	1.420 V/m	1.346 V/m
22	05/19/2015 12:50:59 PM		1.517 V/m	1.392 V/m	1.325 V/m
23	05/19/2015 12:51:09 PM		1.410 V/m	1.357 V/m	1.317 V/m
24	05/19/2015 12:51:19 PM		1.490 V/m	1.354 V/m	1.300 V/m
25	05/19/2015 12:51:29 PM		1.454 V/m	1.383 V/m	1.333 V/m
26	05/19/2015 12:51:39 PM		1.441 V/m	1.356 V/m	1.304 V/m
27	05/19/2015 12:51:49 PM		1.422 V/m	1.363 V/m	1.307 V/m
28	05/19/2015 12:51:59 PM		1.437 V/m	1.390 V/m	1.348 V/m
29	05/19/2015 12:52:09 PM		1.464 V/m	1.421 V/m	1.347 V/m
30	05/19/2015 12:52:19 PM		1.493 V/m	1.391 V/m	1.337 V/m
31	05/19/2015 12:52:29 PM		1.488 V/m	1.394 V/m	1.334 V/m
32	05/19/2015 12:52:39 PM		1.494 V/m	1.385 V/m	1.335 V/m
33	05/19/2015 12:52:49 PM		1.400 V/m	1.347 V/m	1.260 V/m
34	05/19/2015 12:52:59 PM		1.368 V/m	1.315 V/m	1.280 V/m
35	05/19/2015 12:53:09 PM		1.393 V/m	1.328 V/m	1.294 V/m
36	05/19/2015 12:53:19 PM		1.446 V/m	1.373 V/m	1.324 V/m
37	05/19/2015 12:53:29 PM		1.509 V/m	1.375 V/m	1.315 V/m
38	05/19/2015 12:53:39 PM		1.363 V/m	1.332 V/m	1.308 V/m
39	05/19/2015 12:53:49 PM		1.502 V/m	1.374 V/m	1.314 V/m
40	05/19/2015 12:53:59 PM		1.406 V/m	1.342 V/m	1.296 V/m
41	05/19/2015 12:54:09 PM		1.481 V/m	1.374 V/m	1.313 V/m
42	05/19/2015 12:54:19 PM		1.562 V/m	1.418 V/m	1.302 V/m
43	05/19/2015 12:54:29 PM		1.653 V/m	1.449 V/m	1.305 V/m
44	05/19/2015 12:54:39 PM		1.639 V/m	1.352 V/m	1.307 V/m
45	05/19/2015 12:54:49 PM		1.530 V/m	1.365 V/m	1.311 V/m
46	05/19/2015 12:54:59 PM		1.545 V/m	1.359 V/m	1.297 V/m
47	05/19/2015 12:55:09 PM		1.608 V/m	1.378 V/m	1.310 V/m
48	05/19/2015 12:55:19 PM		1.637 V/m	1.348 V/m	1.275 V/m

49	05/19/2015 12:55:29 PM	1.696 V/m	1.382 V/m	1.297 V/m
50	05/19/2015 12:55:39 PM	1.797 V/m	1.403 V/m	1.318 V/m
51	05/19/2015 12:55:49 PM	1.621 V/m	1.341 V/m	1.247 V/m
52	05/19/2015 12:55:59 PM	1.689 V/m	1.364 V/m	1.299 V/m
53	05/19/2015 12:56:09 PM	1.701 V/m	1.347 V/m	1.245 V/m
54	05/19/2015 12:56:19 PM	1.489 V/m	1.306 V/m	1.236 V/m
55	05/19/2015 12:56:29 PM	1.746 V/m	1.392 V/m	1.257 V/m
56	05/19/2015 12:56:39 PM	1.692 V/m	1.369 V/m	1.277 V/m
57	05/19/2015 12:56:49 PM	1.740 V/m	1.437 V/m	1.318 V/m
58	05/19/2015 12:56:59 PM	1.650 V/m	1.445 V/m	1.241 V/m
59	05/19/2015 12:57:09 PM	1.697 V/m	1.507 V/m	1.319 V/m
60	05/19/2015 12:57:19 PM	1.648 V/m	1.421 V/m	1.297 V/m
61	05/19/2015 12:57:29 PM	1.719 V/m	1.367 V/m	1.262 V/m
62	05/19/2015 12:57:39 PM	1.650 V/m	1.371 V/m	1.302 V/m
63	05/19/2015 12:57:49 PM	1.721 V/m	1.381 V/m	1.257 V/m
64	05/19/2015 12:57:59 PM	1.632 V/m	1.370 V/m	1.285 V/m
65	05/19/2015 12:58:09 PM	1.656 V/m	1.355 V/m	1.311 V/m
66	05/19/2015 12:58:19 PM	1.653 V/m	1.328 V/m	1.235 V/m
67	05/19/2015 12:58:29 PM	1.577 V/m	1.300 V/m	1.245 V/m
68	05/19/2015 12:58:39 PM	1.349 V/m	1.293 V/m	1.255 V/m
69	05/19/2015 12:58:49 PM	1.377 V/m	1.321 V/m	1.272 V/m
70	05/19/2015 12:58:59 PM	1.309 V/m	1.276 V/m	1.237 V/m
71	05/19/2015 12:59:09 PM	1.456 V/m	1.314 V/m	1.253 V/m
72	05/19/2015 12:59:19 PM	1.359 V/m	1.272 V/m	1.239 V/m
73	05/19/2015 12:59:29 PM	1.375 V/m	1.289 V/m	1.244 V/m
74	05/19/2015 12:59:39 PM	1.418 V/m	1.304 V/m	1.238 V/m
75	05/19/2015 12:59:49 PM	1.432 V/m	1.310 V/m	1.253 V/m
76	05/19/2015 12:59:59 PM	1.388 V/m	1.301 V/m	1.254 V/m
77	05/19/2015 01:00:09 PM	1.416 V/m	1.297 V/m	1.248 V/m
78	05/19/2015 01:00:19 PM	1.447 V/m	1.308 V/m	1.250 V/m
79	05/19/2015 01:00:29 PM	1.640 V/m	1.371 V/m	1.270 V/m
80	05/19/2015 01:00:39 PM	1.675 V/m	1.406 V/m	1.314 V/m
81	05/19/2015 01:00:49 PM	1.490 V/m	1.335 V/m	1.274 V/m
82	05/19/2015 01:00:59 PM	1.632 V/m	1.425 V/m	1.299 V/m
83	05/19/2015 01:01:09 PM	1.432 V/m	1.306 V/m	1.262 V/m
84	05/19/2015 01:01:19 PM	1.464 V/m	1.325 V/m	1.287 V/m
85	05/19/2015 01:01:29 PM	1.429 V/m	1.327 V/m	1.264 V/m
86	05/19/2015 01:01:39 PM	1.402 V/m	1.350 V/m	1.308 V/m
87	05/19/2015 01:01:49 PM	1.491 V/m	1.363 V/m	1.274 V/m
88	05/19/2015 01:01:59 PM	1.389 V/m	1.341 V/m	1.299 V/m
89	05/19/2015 01:02:09 PM	1.368 V/m	1.313 V/m	1.258 V/m
90	05/19/2015 01:02:19 PM	1.484 V/m	1.316 V/m	1.260 V/m
91	05/19/2015 01:02:29 PM	1.487 V/m	1.349 V/m	1.284 V/m
92	05/19/2015 01:02:39 PM	1.596 V/m	1.432 V/m	1.331 V/m
93	05/19/2015 01:02:49 PM	1.411 V/m	1.342 V/m	1.305 V/m
94	05/19/2015 01:02:59 PM	1.471 V/m	1.351 V/m	1.298 V/m
95	05/19/2015 01:03:09 PM	1.385 V/m	1.322 V/m	1.276 V/m
96	05/19/2015 01:03:19 PM	1.428 V/m	1.326 V/m	1.265 V/m
97	05/19/2015 01:03:29 PM	1.468 V/m	1.342 V/m	1.267 V/m
98	05/19/2015 01:03:39 PM	1.459 V/m	1.362 V/m	1.293 V/m
99	05/19/2015 01:03:49 PM	1.602 V/m	1.420 V/m	1.339 V/m
100	05/19/2015 01:03:59 PM	1.452 V/m	1.360 V/m	1.308 V/m
101	05/19/2015 01:04:09 PM	1.483 V/m	1.393 V/m	1.308 V/m
102	05/19/2015 01:04:19 PM	1.460 V/m	1.382 V/m	1.337 V/m
103	05/19/2015 01:04:29 PM	1.514 V/m	1.382 V/m	1.325 V/m

104	05/19/2015 01:04:39 PM	1.620 V/m	1.444 V/m	1.314 V/m
105	05/19/2015 01:04:49 PM	1.687 V/m	1.543 V/m	1.290 V/m
106	05/19/2015 01:04:59 PM	1.560 V/m	1.327 V/m	1.250 V/m
107	05/19/2015 01:05:09 PM	1.660 V/m	1.355 V/m	1.280 V/m
108	05/19/2015 01:05:19 PM	1.370 V/m	1.316 V/m	1.280 V/m
109	05/19/2015 01:05:29 PM	1.478 V/m	1.336 V/m	1.281 V/m
110	05/19/2015 01:05:39 PM	1.607 V/m	1.408 V/m	1.352 V/m
111	05/19/2015 01:05:49 PM	1.620 V/m	1.392 V/m	1.333 V/m
112	05/19/2015 01:05:59 PM	1.678 V/m	1.390 V/m	1.314 V/m
113	05/19/2015 01:06:09 PM	1.615 V/m	1.347 V/m	1.268 V/m
114	05/19/2015 01:06:19 PM	1.461 V/m	1.315 V/m	1.261 V/m
115	05/19/2015 01:06:29 PM	1.384 V/m	1.308 V/m	1.246 V/m
116	05/19/2015 01:06:39 PM	1.553 V/m	1.316 V/m	1.264 V/m
117	05/19/2015 01:06:49 PM	1.366 V/m	1.306 V/m	1.264 V/m
118	05/19/2015 01:06:59 PM	1.548 V/m	1.307 V/m	1.257 V/m
119	05/19/2015 01:07:09 PM	1.459 V/m	1.324 V/m	1.256 V/m
120	05/19/2015 01:07:19 PM	1.366 V/m	1.318 V/m	1.283 V/m
121	05/19/2015 01:07:29 PM	1.436 V/m	1.303 V/m	1.260 V/m
122	05/19/2015 01:07:39 PM	1.571 V/m	1.387 V/m	1.246 V/m
123	05/19/2015 01:07:49 PM	1.488 V/m	1.296 V/m	1.241 V/m
124	05/19/2015 01:07:59 PM	1.387 V/m	1.302 V/m	1.250 V/m
125	05/19/2015 01:08:09 PM	1.345 V/m	1.265 V/m	1.219 V/m
126	05/19/2015 01:08:19 PM	1.401 V/m	1.315 V/m	1.252 V/m
127	05/19/2015 01:08:29 PM	1.496 V/m	1.295 V/m	1.251 V/m
128	05/19/2015 01:08:39 PM	1.429 V/m	1.309 V/m	1.245 V/m
129	05/19/2015 01:08:49 PM	1.326 V/m	1.277 V/m	1.230 V/m
130	05/19/2015 01:08:59 PM	1.332 V/m	1.278 V/m	1.216 V/m
131	05/19/2015 01:09:09 PM	1.426 V/m	1.279 V/m	1.229 V/m
132	05/19/2015 01:09:19 PM	1.380 V/m	1.338 V/m	1.302 V/m
133	05/19/2015 01:09:29 PM	1.439 V/m	1.368 V/m	1.308 V/m
134	05/19/2015 01:09:39 PM	1.627 V/m	1.361 V/m	1.249 V/m
135	05/19/2015 01:09:49 PM	1.620 V/m	1.514 V/m	1.297 V/m
136	05/19/2015 01:09:59 PM	1.515 V/m	1.325 V/m	1.279 V/m
137	05/19/2015 01:10:09 PM	1.388 V/m	1.312 V/m	1.258 V/m
138	05/19/2015 01:10:19 PM	1.336 V/m	1.288 V/m	1.248 V/m
139	05/19/2015 01:10:29 PM	1.331 V/m	1.283 V/m	1.219 V/m
140	05/19/2015 01:10:39 PM	1.371 V/m	1.308 V/m	1.278 V/m
141	05/19/2015 01:10:49 PM	1.418 V/m	1.322 V/m	1.272 V/m
142	05/19/2015 01:10:59 PM	1.351 V/m	1.296 V/m	1.257 V/m
143	05/19/2015 01:11:09 PM	1.485 V/m	1.337 V/m	1.264 V/m
144	05/19/2015 01:11:19 PM	1.487 V/m	1.347 V/m	1.293 V/m
145	05/19/2015 01:11:29 PM	1.423 V/m	1.339 V/m	1.293 V/m
146	05/19/2015 01:11:39 PM	1.430 V/m	1.365 V/m	1.317 V/m
147	05/19/2015 01:11:49 PM	1.627 V/m	1.389 V/m	1.314 V/m
148	05/19/2015 01:11:59 PM	1.501 V/m	1.382 V/m	1.321 V/m
149	05/19/2015 01:12:09 PM	1.427 V/m	1.357 V/m	1.295 V/m
150	05/19/2015 01:12:19 PM	1.437 V/m	1.355 V/m	1.313 V/m
151	05/19/2015 01:12:29 PM	1.348 V/m	1.301 V/m	1.261 V/m
152	05/19/2015 01:12:39 PM	1.434 V/m	1.360 V/m	1.321 V/m
153	05/19/2015 01:12:49 PM	1.402 V/m	1.338 V/m	1.271 V/m
154	05/19/2015 01:12:59 PM	1.429 V/m	1.302 V/m	1.264 V/m
155	05/19/2015 01:13:09 PM	1.392 V/m	1.317 V/m	1.266 V/m
156	05/19/2015 01:13:19 PM	1.351 V/m	1.291 V/m	1.239 V/m
157	05/19/2015 01:13:29 PM	1.372 V/m	1.307 V/m	1.268 V/m
158	05/19/2015 01:13:39 PM	1.449 V/m	1.312 V/m	1.261 V/m

159	05/19/2015 01:13:49 PM	1.492 V/m	1.339 V/m	1.275 V/m
160	05/19/2015 01:13:59 PM	1.402 V/m	1.305 V/m	1.249 V/m
161	05/19/2015 01:14:09 PM	1.384 V/m	1.287 V/m	1.216 V/m
162	05/19/2015 01:14:19 PM	1.473 V/m	1.325 V/m	1.244 V/m
163	05/19/2015 01:14:29 PM	1.372 V/m	1.291 V/m	1.235 V/m
164	05/19/2015 01:14:39 PM	1.341 V/m	1.291 V/m	1.223 V/m
165	05/19/2015 01:14:49 PM	1.361 V/m	1.305 V/m	1.265 V/m
166	05/19/2015 01:14:59 PM	1.345 V/m	1.295 V/m	1.258 V/m
167	05/19/2015 01:15:09 PM	1.330 V/m	1.287 V/m	1.259 V/m
168	05/19/2015 01:15:19 PM	1.344 V/m	1.306 V/m	1.273 V/m
169	05/19/2015 01:15:29 PM	1.420 V/m	1.332 V/m	1.299 V/m
170	05/19/2015 01:15:39 PM	1.414 V/m	1.329 V/m	1.266 V/m
171	05/19/2015 01:15:49 PM	1.435 V/m	1.352 V/m	1.306 V/m
172	05/19/2015 01:15:59 PM	1.377 V/m	1.319 V/m	1.274 V/m
173	05/19/2015 01:16:09 PM	1.451 V/m	1.355 V/m	1.295 V/m
174	05/19/2015 01:16:19 PM	1.485 V/m	1.359 V/m	1.208 V/m
175	05/19/2015 01:16:29 PM	1.351 V/m	1.305 V/m	1.257 V/m
176	05/19/2015 01:16:39 PM	1.367 V/m	1.317 V/m	1.263 V/m
177	05/19/2015 01:16:49 PM	1.376 V/m	1.326 V/m	1.300 V/m
178	05/19/2015 01:16:59 PM	1.411 V/m	1.315 V/m	1.259 V/m
179	05/19/2015 01:17:09 PM	1.385 V/m	1.305 V/m	1.256 V/m
180	05/19/2015 01:17:19 PM	1.352 V/m	1.300 V/m	1.259 V/m
181	05/19/2015 01:17:29 PM	1.353 V/m	1.302 V/m	1.265 V/m
182	05/19/2015 01:17:39 PM	1.344 V/m	1.318 V/m	1.283 V/m
183	05/19/2015 01:17:49 PM	1.330 V/m	1.300 V/m	1.250 V/m
184	05/19/2015 01:17:59 PM	1.362 V/m	1.300 V/m	1.244 V/m
185	05/19/2015 01:18:09 PM	1.323 V/m	1.278 V/m	1.210 V/m
186	05/19/2015 01:18:19 PM	1.329 V/m	1.285 V/m	1.238 V/m
187	05/19/2015 01:18:29 PM	1.339 V/m	1.291 V/m	1.243 V/m
188	05/19/2015 01:18:39 PM	1.356 V/m	1.313 V/m	1.267 V/m
189	05/19/2015 01:18:49 PM	1.374 V/m	1.315 V/m	1.264 V/m
190	05/19/2015 01:18:59 PM	1.366 V/m	1.317 V/m	1.263 V/m
191	05/19/2015 01:19:09 PM	1.404 V/m	1.349 V/m	1.303 V/m
192	05/19/2015 01:19:19 PM	1.605 V/m	1.430 V/m	1.284 V/m
193	05/19/2015 01:19:29 PM	1.398 V/m	1.335 V/m	1.270 V/m
194	05/19/2015 01:19:39 PM	1.692 V/m	1.455 V/m	1.303 V/m
195	05/19/2015 01:19:49 PM	1.670 V/m	1.574 V/m	1.520 V/m
196	05/19/2015 01:19:59 PM	1.778 V/m	1.609 V/m	1.378 V/m
197	05/19/2015 01:20:09 PM	1.681 V/m	1.412 V/m	1.303 V/m
198	05/19/2015 01:20:19 PM	1.418 V/m	1.364 V/m	1.323 V/m
199	05/19/2015 01:20:29 PM	1.415 V/m	1.360 V/m	1.316 V/m
200	05/19/2015 01:20:39 PM	1.406 V/m	1.349 V/m	1.290 V/m
201	05/19/2015 01:20:49 PM	1.399 V/m	1.318 V/m	1.272 V/m
202	05/19/2015 01:20:59 PM	1.354 V/m	1.295 V/m	1.259 V/m
203	05/19/2015 01:21:09 PM	1.436 V/m	1.343 V/m	1.272 V/m
204	05/19/2015 01:21:19 PM	1.431 V/m	1.356 V/m	1.313 V/m
205	05/19/2015 01:21:29 PM	1.399 V/m	1.324 V/m	1.287 V/m
206	05/19/2015 01:21:39 PM	1.379 V/m	1.330 V/m	1.286 V/m
207	05/19/2015 01:21:49 PM	1.426 V/m	1.356 V/m	1.310 V/m
208	05/19/2015 01:21:59 PM	1.402 V/m	1.342 V/m	1.301 V/m
209	05/19/2015 01:22:09 PM	1.551 V/m	1.380 V/m	1.306 V/m
210	05/19/2015 01:22:19 PM	1.413 V/m	1.361 V/m	1.329 V/m
211	05/19/2015 01:22:29 PM	1.407 V/m	1.357 V/m	1.311 V/m
212	05/19/2015 01:22:39 PM	1.398 V/m	1.332 V/m	1.291 V/m
213	05/19/2015 01:22:49 PM	1.398 V/m	1.332 V/m	1.269 V/m

214	05/19/2015 01:22:59 PM	1.363 V/m	1.321 V/m	1.287 V/m
215	05/19/2015 01:23:09 PM	1.370 V/m	1.329 V/m	1.290 V/m
216	05/19/2015 01:23:19 PM	1.372 V/m	1.318 V/m	1.263 V/m
217	05/19/2015 01:23:29 PM	1.359 V/m	1.322 V/m	1.284 V/m
218	05/19/2015 01:23:39 PM	1.364 V/m	1.312 V/m	1.274 V/m
219	05/19/2015 01:23:49 PM	1.504 V/m	1.321 V/m	1.262 V/m
220	05/19/2015 01:23:59 PM	1.574 V/m	1.355 V/m	1.285 V/m
221	05/19/2015 01:24:09 PM	1.391 V/m	1.326 V/m	1.285 V/m
222	05/19/2015 01:24:19 PM	1.420 V/m	1.342 V/m	1.291 V/m
223	05/19/2015 01:24:29 PM	1.398 V/m	1.357 V/m	1.328 V/m
224	05/19/2015 01:24:39 PM	1.402 V/m	1.353 V/m	1.311 V/m
225	05/19/2015 01:24:49 PM	1.403 V/m	1.337 V/m	1.297 V/m
226	05/19/2015 01:24:59 PM	1.450 V/m	1.338 V/m	1.275 V/m
227	05/19/2015 01:25:09 PM	1.380 V/m	1.314 V/m	1.281 V/m
228	05/19/2015 01:25:19 PM	1.390 V/m	1.308 V/m	1.258 V/m
229	05/19/2015 01:25:29 PM	1.421 V/m	1.330 V/m	1.276 V/m
230	05/19/2015 01:25:39 PM	1.459 V/m	1.338 V/m	1.296 V/m
231	05/19/2015 01:25:49 PM	1.422 V/m	1.345 V/m	1.278 V/m
232	05/19/2015 01:25:59 PM	1.405 V/m	1.347 V/m	1.288 V/m
233	05/19/2015 01:26:09 PM	1.457 V/m	1.339 V/m	1.293 V/m
234	05/19/2015 01:26:19 PM	1.404 V/m	1.332 V/m	1.298 V/m
235	05/19/2015 01:26:29 PM	1.473 V/m	1.333 V/m	1.284 V/m
236	05/19/2015 01:26:39 PM	1.392 V/m	1.326 V/m	1.294 V/m
237	05/19/2015 01:26:49 PM	1.418 V/m	1.339 V/m	1.287 V/m
238	05/19/2015 01:26:59 PM	1.472 V/m	1.337 V/m	1.286 V/m
239	05/19/2015 01:27:09 PM	1.511 V/m	1.387 V/m	1.318 V/m
240	05/19/2015 01:27:19 PM	1.408 V/m	1.337 V/m	1.288 V/m
241	05/19/2015 01:27:29 PM	1.565 V/m	1.378 V/m	1.287 V/m
242	05/19/2015 01:27:39 PM	1.386 V/m	1.324 V/m	1.281 V/m
243	05/19/2015 01:27:49 PM	1.370 V/m	1.317 V/m	1.266 V/m
244	05/19/2015 01:27:59 PM	1.343 V/m	1.297 V/m	1.259 V/m
245	05/19/2015 01:28:09 PM	1.358 V/m	1.318 V/m	1.277 V/m
246	05/19/2015 01:28:19 PM	1.387 V/m	1.327 V/m	1.286 V/m
247	05/19/2015 01:28:29 PM	1.355 V/m	1.314 V/m	1.285 V/m
248	05/19/2015 01:28:39 PM	1.416 V/m	1.332 V/m	1.280 V/m
249	05/19/2015 01:28:49 PM	1.365 V/m	1.327 V/m	1.303 V/m
250	05/19/2015 01:28:59 PM	1.434 V/m	1.340 V/m	1.296 V/m
251	05/19/2015 01:29:09 PM	1.463 V/m	1.371 V/m	1.305 V/m
252	05/19/2015 01:29:19 PM	1.471 V/m	1.350 V/m	1.290 V/m
253	05/19/2015 01:29:29 PM	1.415 V/m	1.346 V/m	1.316 V/m
254	05/19/2015 01:29:39 PM	1.383 V/m	1.344 V/m	1.320 V/m
255	05/19/2015 01:29:49 PM	1.407 V/m	1.355 V/m	1.327 V/m
256	05/19/2015 01:29:59 PM	1.367 V/m	1.333 V/m	1.281 V/m
257	05/19/2015 01:30:09 PM	1.340 V/m	1.307 V/m	1.276 V/m
258	05/19/2015 01:30:19 PM	1.345 V/m	1.290 V/m	1.261 V/m
259	05/19/2015 01:30:29 PM	1.390 V/m	1.307 V/m	1.268 V/m
260	05/19/2015 01:30:39 PM	1.363 V/m	1.326 V/m	1.293 V/m
261	05/19/2015 01:30:49 PM	1.348 V/m	1.312 V/m	1.268 V/m
262	05/19/2015 01:30:59 PM	1.344 V/m	1.306 V/m	1.258 V/m
263	05/19/2015 01:31:09 PM	1.396 V/m	1.340 V/m	1.282 V/m
264	05/19/2015 01:31:19 PM	1.360 V/m	1.318 V/m	1.257 V/m
265	05/19/2015 01:31:29 PM	1.369 V/m	1.318 V/m	1.269 V/m
266	05/19/2015 01:31:39 PM	1.363 V/m	1.317 V/m	1.262 V/m
267	05/19/2015 01:31:49 PM	1.420 V/m	1.329 V/m	1.284 V/m
268	05/19/2015 01:31:59 PM	1.356 V/m	1.287 V/m	1.256 V/m

269	05/19/2015 01:32:09 PM	1.426 V/m	1.332 V/m	1.263 V/m
270	05/19/2015 01:32:19 PM	1.405 V/m	1.353 V/m	1.301 V/m
271	05/19/2015 01:32:29 PM	1.366 V/m	1.323 V/m	1.306 V/m
272	05/19/2015 01:32:39 PM	1.405 V/m	1.339 V/m	1.298 V/m
273	05/19/2015 01:32:49 PM	1.371 V/m	1.313 V/m	1.287 V/m
274	05/19/2015 01:32:59 PM	1.365 V/m	1.323 V/m	1.275 V/m
275	05/19/2015 01:33:09 PM	1.341 V/m	1.311 V/m	1.277 V/m
276	05/19/2015 01:33:19 PM	1.424 V/m	1.357 V/m	1.289 V/m
277	05/19/2015 01:33:29 PM	1.368 V/m	1.326 V/m	1.282 V/m
278	05/19/2015 01:33:39 PM	1.387 V/m	1.350 V/m	1.316 V/m
279	05/19/2015 01:33:49 PM	1.407 V/m	1.340 V/m	1.296 V/m
280	05/19/2015 01:33:59 PM	1.413 V/m	1.341 V/m	1.289 V/m
281	05/19/2015 01:34:09 PM	1.408 V/m	1.349 V/m	1.296 V/m
282	05/19/2015 01:34:19 PM	1.381 V/m	1.318 V/m	1.276 V/m
283	05/19/2015 01:34:29 PM	1.404 V/m	1.345 V/m	1.302 V/m
284	05/19/2015 01:34:39 PM	1.383 V/m	1.313 V/m	1.278 V/m
285	05/19/2015 01:34:49 PM	1.403 V/m	1.351 V/m	1.302 V/m
286	05/19/2015 01:34:59 PM	1.368 V/m	1.333 V/m	1.297 V/m
287	05/19/2015 01:35:09 PM	1.357 V/m	1.330 V/m	1.283 V/m
288	05/19/2015 01:35:19 PM	1.361 V/m	1.330 V/m	1.257 V/m
289	05/19/2015 01:35:29 PM	1.441 V/m	1.374 V/m	1.324 V/m
290	05/19/2015 01:35:39 PM	1.424 V/m	1.369 V/m	1.325 V/m
291	05/19/2015 01:35:49 PM	1.379 V/m	1.344 V/m	1.316 V/m
292	05/19/2015 01:35:59 PM	1.346 V/m	1.302 V/m	1.263 V/m
293	05/19/2015 01:36:09 PM	1.424 V/m	1.366 V/m	1.303 V/m
294	05/19/2015 01:36:19 PM	1.408 V/m	1.351 V/m	1.307 V/m
295	05/19/2015 01:36:29 PM	1.366 V/m	1.335 V/m	1.312 V/m
296	05/19/2015 01:36:39 PM	1.324 V/m	1.278 V/m	1.237 V/m
297	05/19/2015 01:36:49 PM	1.366 V/m	1.316 V/m	1.271 V/m
298	05/19/2015 01:36:59 PM	1.361 V/m	1.320 V/m	1.275 V/m
299	05/19/2015 01:37:09 PM	1.388 V/m	1.330 V/m	1.290 V/m
300	05/19/2015 01:37:19 PM	1.377 V/m	1.326 V/m	1.283 V/m
301	05/19/2015 01:37:29 PM	1.427 V/m	1.340 V/m	1.306 V/m
302	05/19/2015 01:37:39 PM	1.475 V/m	1.371 V/m	1.316 V/m
303	05/19/2015 01:37:49 PM	1.405 V/m	1.355 V/m	1.326 V/m
304	05/19/2015 01:37:59 PM	1.464 V/m	1.349 V/m	1.296 V/m
305	05/19/2015 01:38:09 PM	1.340 V/m	1.317 V/m	1.284 V/m
306	05/19/2015 01:38:19 PM	1.451 V/m	1.332 V/m	1.276 V/m
307	05/19/2015 01:38:29 PM	1.375 V/m	1.331 V/m	1.287 V/m
308	05/19/2015 01:38:39 PM	1.467 V/m	1.349 V/m	1.295 V/m
309	05/19/2015 01:38:49 PM	1.514 V/m	1.341 V/m	1.285 V/m
310	05/19/2015 01:38:59 PM	1.365 V/m	1.326 V/m	1.278 V/m
311	05/19/2015 01:39:09 PM	1.389 V/m	1.320 V/m	1.290 V/m
312	05/19/2015 01:39:19 PM	1.362 V/m	1.315 V/m	1.283 V/m
313	05/19/2015 01:39:29 PM	1.468 V/m	1.368 V/m	1.307 V/m
314	05/19/2015 01:39:39 PM	1.392 V/m	1.328 V/m	1.283 V/m
315	05/19/2015 01:39:49 PM	1.380 V/m	1.332 V/m	1.298 V/m
316	05/19/2015 01:39:59 PM	1.395 V/m	1.331 V/m	1.294 V/m
317	05/19/2015 01:40:09 PM	1.392 V/m	1.345 V/m	1.312 V/m
318	05/19/2015 01:40:19 PM	1.362 V/m	1.337 V/m	1.315 V/m
319	05/19/2015 01:40:29 PM	1.477 V/m	1.377 V/m	1.332 V/m
320	05/19/2015 01:40:39 PM	1.422 V/m	1.361 V/m	1.321 V/m
321	05/19/2015 01:40:49 PM	1.376 V/m	1.329 V/m	1.301 V/m
322	05/19/2015 01:40:59 PM	1.380 V/m	1.330 V/m	1.287 V/m
323	05/19/2015 01:41:09 PM	1.388 V/m	1.322 V/m	1.273 V/m

324	05/19/2015 01:41:19 PM	1.364 V/m	1.322 V/m	1.267 V/m
325	05/19/2015 01:41:29 PM	1.372 V/m	1.334 V/m	1.308 V/m
326	05/19/2015 01:41:39 PM	1.370 V/m	1.333 V/m	1.305 V/m
327	05/19/2015 01:41:49 PM	1.390 V/m	1.351 V/m	1.317 V/m
328	05/19/2015 01:41:59 PM	1.393 V/m	1.353 V/m	1.315 V/m
329	05/19/2015 01:42:09 PM	1.387 V/m	1.345 V/m	1.314 V/m
330	05/19/2015 01:42:19 PM	1.359 V/m	1.305 V/m	1.261 V/m
331	05/19/2015 01:42:29 PM	1.335 V/m	1.291 V/m	1.257 V/m
332	05/19/2015 01:42:39 PM	1.337 V/m	1.307 V/m	1.281 V/m
333	05/19/2015 01:42:49 PM	1.339 V/m	1.287 V/m	1.250 V/m
334	05/19/2015 01:42:59 PM	1.423 V/m	1.325 V/m	1.263 V/m
335	05/19/2015 01:43:09 PM	1.359 V/m	1.312 V/m	1.282 V/m
336	05/19/2015 01:43:19 PM	1.394 V/m	1.301 V/m	1.255 V/m
337	05/19/2015 01:43:29 PM	1.357 V/m	1.310 V/m	1.265 V/m
338	05/19/2015 01:43:39 PM	1.384 V/m	1.339 V/m	1.285 V/m
339	05/19/2015 01:43:49 PM	1.400 V/m	1.360 V/m	1.311 V/m
340	05/19/2015 01:43:59 PM	1.419 V/m	1.359 V/m	1.299 V/m
341	05/19/2015 01:44:09 PM	1.436 V/m	1.352 V/m	1.305 V/m
342	05/19/2015 01:44:19 PM	1.525 V/m	1.378 V/m	1.310 V/m
343	05/19/2015 01:44:29 PM	1.462 V/m	1.355 V/m	1.299 V/m
344	05/19/2015 01:44:39 PM	1.440 V/m	1.346 V/m	1.305 V/m
345	05/19/2015 01:44:49 PM	1.546 V/m	1.354 V/m	1.308 V/m
346	05/19/2015 01:44:59 PM	1.406 V/m	1.314 V/m	1.261 V/m
347	05/19/2015 01:45:09 PM	1.509 V/m	1.356 V/m	1.303 V/m
348	05/19/2015 01:45:19 PM	1.413 V/m	1.357 V/m	1.311 V/m
349	05/19/2015 01:45:29 PM	1.462 V/m	1.351 V/m	1.288 V/m
350	05/19/2015 01:45:39 PM	1.404 V/m	1.347 V/m	1.282 V/m
351	05/19/2015 01:45:49 PM	1.459 V/m	1.365 V/m	1.312 V/m
352	05/19/2015 01:45:59 PM	1.494 V/m	1.349 V/m	1.287 V/m
353	05/19/2015 01:46:09 PM	1.421 V/m	1.364 V/m	1.326 V/m
354	05/19/2015 01:46:19 PM	1.415 V/m	1.345 V/m	1.289 V/m
355	05/19/2015 01:46:29 PM	1.421 V/m	1.352 V/m	1.315 V/m
356	05/19/2015 01:46:39 PM	1.759 V/m	1.457 V/m	1.321 V/m
357	05/19/2015 01:46:49 PM	1.541 V/m	1.395 V/m	1.333 V/m
358	05/19/2015 01:46:59 PM	1.494 V/m	1.376 V/m	1.309 V/m
359	05/19/2015 01:47:09 PM	1.539 V/m	1.417 V/m	1.327 V/m
360	05/19/2015 01:47:19 PM	1.498 V/m	1.408 V/m	1.311 V/m
361	05/19/2015 01:47:29 PM	1.482 V/m	1.324 V/m	1.259 V/m
362	05/19/2015 01:47:39 PM	1.449 V/m	1.359 V/m	1.302 V/m
363	05/19/2015 01:47:49 PM	1.390 V/m	1.358 V/m	1.326 V/m
364	05/19/2015 01:47:59 PM	1.408 V/m	1.332 V/m	1.294 V/m
365	05/19/2015 01:48:09 PM	1.579 V/m	1.369 V/m	1.297 V/m
366	05/19/2015 01:48:19 PM	1.420 V/m	1.363 V/m	1.326 V/m
367	05/19/2015 01:48:29 PM	1.392 V/m	1.344 V/m	1.310 V/m
368	05/19/2015 01:48:39 PM	1.393 V/m	1.345 V/m	1.300 V/m
369	05/19/2015 01:48:49 PM	1.398 V/m	1.349 V/m	1.302 V/m
370	05/19/2015 01:48:59 PM	1.416 V/m	1.360 V/m	1.300 V/m
371	05/19/2015 01:49:09 PM	1.400 V/m	1.361 V/m	1.320 V/m
372	05/19/2015 01:49:19 PM	1.401 V/m	1.334 V/m	1.287 V/m
373	05/19/2015 01:49:29 PM	1.429 V/m	1.346 V/m	1.277 V/m
374	05/19/2015 01:49:39 PM	1.420 V/m	1.380 V/m	1.338 V/m
375	05/19/2015 01:49:49 PM	1.504 V/m	1.357 V/m	1.271 V/m
376	05/19/2015 01:49:59 PM	1.346 V/m	1.290 V/m	1.251 V/m
377	05/19/2015 01:50:09 PM	1.317 V/m	1.280 V/m	1.252 V/m
378	05/19/2015 01:50:19 PM	1.358 V/m	1.314 V/m	1.289 V/m

379	05/19/2015 01:50:29 PM	1.380 V/m	1.327 V/m	1.286 V/m
380	05/19/2015 01:50:39 PM	1.415 V/m	1.351 V/m	1.311 V/m
381	05/19/2015 01:50:49 PM	1.377 V/m	1.329 V/m	1.287 V/m
382	05/19/2015 01:50:59 PM	1.360 V/m	1.317 V/m	1.272 V/m
383	05/19/2015 01:51:09 PM	1.454 V/m	1.342 V/m	1.294 V/m
384	05/19/2015 01:51:19 PM	1.375 V/m	1.321 V/m	1.262 V/m
385	05/19/2015 01:51:29 PM	1.402 V/m	1.348 V/m	1.318 V/m
386	05/19/2015 01:51:39 PM	1.474 V/m	1.353 V/m	1.311 V/m
387	05/19/2015 01:51:49 PM	1.428 V/m	1.348 V/m	1.301 V/m
388	05/19/2015 01:51:59 PM	1.442 V/m	1.348 V/m	1.288 V/m
389	05/19/2015 01:52:09 PM	1.388 V/m	1.358 V/m	1.325 V/m
390	05/19/2015 01:52:19 PM	1.458 V/m	1.382 V/m	1.276 V/m
391	05/19/2015 01:52:29 PM	1.440 V/m	1.351 V/m	1.284 V/m
392	05/19/2015 01:52:39 PM	1.545 V/m	1.331 V/m	1.218 V/m
393	05/19/2015 01:52:49 PM	1.517 V/m	1.372 V/m	1.224 V/m
394	05/19/2015 01:52:59 PM	1.431 V/m	1.366 V/m	1.310 V/m
395	05/19/2015 01:53:09 PM	1.388 V/m	1.335 V/m	1.277 V/m
396	05/19/2015 01:53:19 PM	1.434 V/m	1.352 V/m	1.308 V/m
397	05/19/2015 01:53:29 PM	1.385 V/m	1.334 V/m	1.285 V/m
398	05/19/2015 01:53:39 PM	1.404 V/m	1.324 V/m	1.265 V/m
399	05/19/2015 01:53:49 PM	1.463 V/m	1.367 V/m	1.299 V/m
400	05/19/2015 01:53:59 PM	1.540 V/m	1.348 V/m	1.264 V/m
401	05/19/2015 01:54:09 PM	1.522 V/m	1.358 V/m	1.262 V/m
402	05/19/2015 01:54:19 PM	1.478 V/m	1.378 V/m	1.278 V/m
403	05/19/2015 01:54:29 PM	1.450 V/m	1.373 V/m	1.306 V/m
404	05/19/2015 01:54:39 PM	1.472 V/m	1.404 V/m	1.356 V/m
405	05/19/2015 01:54:49 PM	1.508 V/m	1.384 V/m	1.335 V/m
406	05/19/2015 01:54:59 PM	1.485 V/m	1.372 V/m	1.318 V/m
407	05/19/2015 01:55:09 PM	1.672 V/m	1.381 V/m	1.324 V/m
408	05/19/2015 01:55:19 PM	1.457 V/m	1.350 V/m	1.296 V/m
409	05/19/2015 01:55:29 PM	1.426 V/m	1.346 V/m	1.279 V/m
410	05/19/2015 01:55:39 PM	1.462 V/m	1.368 V/m	1.299 V/m
411	05/19/2015 01:55:49 PM	1.460 V/m	1.388 V/m	1.324 V/m
412	05/19/2015 01:55:59 PM	1.473 V/m	1.378 V/m	1.336 V/m
413	05/19/2015 01:56:09 PM	1.698 V/m	1.383 V/m	1.296 V/m
414	05/19/2015 01:56:19 PM	1.467 V/m	1.359 V/m	1.317 V/m
415	05/19/2015 01:56:29 PM	1.447 V/m	1.349 V/m	1.291 V/m
416	05/19/2015 01:56:39 PM	1.629 V/m	1.355 V/m	1.293 V/m
417	05/19/2015 01:56:49 PM	1.450 V/m	1.347 V/m	1.275 V/m
418	05/19/2015 01:56:59 PM	1.429 V/m	1.338 V/m	1.284 V/m
419	05/19/2015 01:57:09 PM	1.440 V/m	1.351 V/m	1.293 V/m
420	05/19/2015 01:57:19 PM	1.536 V/m	1.383 V/m	1.329 V/m
421	05/19/2015 01:57:29 PM	1.535 V/m	1.408 V/m	1.342 V/m
422	05/19/2015 01:57:39 PM	1.450 V/m	1.368 V/m	1.313 V/m
423	05/19/2015 01:57:49 PM	1.416 V/m	1.325 V/m	1.262 V/m
424	05/19/2015 01:57:59 PM	1.386 V/m	1.324 V/m	1.283 V/m
425	05/19/2015 01:58:09 PM	1.425 V/m	1.347 V/m	1.295 V/m
426	05/19/2015 01:58:19 PM	1.452 V/m	1.360 V/m	1.282 V/m
427	05/19/2015 01:58:29 PM	1.392 V/m	1.356 V/m	1.312 V/m
428	05/19/2015 01:58:39 PM	1.407 V/m	1.350 V/m	1.305 V/m
429	05/19/2015 01:58:49 PM	1.483 V/m	1.353 V/m	1.298 V/m
430	05/19/2015 01:58:59 PM	1.697 V/m	1.371 V/m	1.290 V/m
431	05/19/2015 01:59:09 PM	1.378 V/m	1.336 V/m	1.281 V/m
432	05/19/2015 01:59:19 PM	1.445 V/m	1.354 V/m	1.285 V/m
433	05/19/2015 01:59:29 PM	1.413 V/m	1.353 V/m	1.298 V/m

434	05/19/2015 01:59:39 PM	1.472 V/m	1.390 V/m	1.342 V/m
435	05/19/2015 01:59:49 PM	1.515 V/m	1.364 V/m	1.317 V/m
436	05/19/2015 01:59:59 PM	1.451 V/m	1.369 V/m	1.322 V/m
437	05/19/2015 02:00:09 PM	1.386 V/m	1.337 V/m	1.289 V/m
438	05/19/2015 02:00:19 PM	1.437 V/m	1.358 V/m	1.281 V/m
439	05/19/2015 02:00:29 PM	1.443 V/m	1.375 V/m	1.316 V/m
440	05/19/2015 02:00:39 PM	1.484 V/m	1.375 V/m	1.317 V/m
441	05/19/2015 02:00:49 PM	1.431 V/m	1.371 V/m	1.294 V/m
442	05/19/2015 02:00:59 PM	1.449 V/m	1.364 V/m	1.289 V/m
443	05/19/2015 02:01:09 PM	1.416 V/m	1.363 V/m	1.322 V/m
444	05/19/2015 02:01:19 PM	1.490 V/m	1.397 V/m	1.314 V/m
445	05/19/2015 02:01:29 PM	1.506 V/m	1.402 V/m	1.317 V/m
446	05/19/2015 02:01:39 PM	1.423 V/m	1.351 V/m	1.297 V/m
447	05/19/2015 02:01:49 PM	1.573 V/m	1.427 V/m	1.322 V/m
448	05/19/2015 02:01:59 PM	1.518 V/m	1.365 V/m	1.299 V/m
449	05/19/2015 02:02:09 PM	1.433 V/m	1.359 V/m	1.311 V/m
450	05/19/2015 02:02:19 PM	1.401 V/m	1.334 V/m	1.245 V/m
451	05/19/2015 02:02:29 PM	1.409 V/m	1.329 V/m	1.204 V/m
452	05/19/2015 02:02:39 PM	1.353 V/m	1.314 V/m	1.274 V/m
453	05/19/2015 02:02:49 PM	1.336 V/m	1.304 V/m	1.237 V/m
454	05/19/2015 02:02:59 PM	1.345 V/m	1.311 V/m	1.280 V/m
455	05/19/2015 02:03:09 PM	1.392 V/m	1.334 V/m	1.273 V/m
456	05/19/2015 02:03:19 PM	1.417 V/m	1.338 V/m	1.286 V/m
457	05/19/2015 02:03:29 PM	1.410 V/m	1.365 V/m	1.301 V/m
458	05/19/2015 02:03:39 PM	1.587 V/m	1.410 V/m	1.360 V/m
459	05/19/2015 02:03:49 PM	1.461 V/m	1.391 V/m	1.336 V/m
460	05/19/2015 02:03:59 PM	1.367 V/m	1.308 V/m	1.269 V/m
461	05/19/2015 02:04:09 PM	1.363 V/m	1.319 V/m	1.287 V/m
462	05/19/2015 02:04:19 PM	1.362 V/m	1.317 V/m	1.265 V/m
463	05/19/2015 02:04:29 PM	1.413 V/m	1.317 V/m	1.261 V/m
464	05/19/2015 02:04:39 PM	1.576 V/m	1.478 V/m	1.348 V/m
465	05/19/2015 02:04:49 PM	1.418 V/m	1.326 V/m	1.293 V/m
466	05/19/2015 02:04:59 PM	1.366 V/m	1.312 V/m	1.252 V/m
467	05/19/2015 02:05:09 PM	1.360 V/m	1.317 V/m	1.259 V/m
468	05/19/2015 02:05:19 PM	1.341 V/m	1.298 V/m	1.274 V/m
469	05/19/2015 02:05:29 PM	1.321 V/m	1.286 V/m	1.257 V/m
470	05/19/2015 02:05:39 PM	1.325 V/m	1.297 V/m	1.253 V/m
471	05/19/2015 02:05:49 PM	1.310 V/m	1.272 V/m	1.253 V/m
472	05/19/2015 02:05:59 PM	1.404 V/m	1.284 V/m	1.250 V/m
473	05/19/2015 02:06:09 PM	1.388 V/m	1.305 V/m	1.257 V/m
474	05/19/2015 02:06:19 PM	1.410 V/m	1.308 V/m	1.252 V/m
475	05/19/2015 02:06:29 PM	1.415 V/m	1.346 V/m	1.297 V/m
476	05/19/2015 02:06:39 PM	1.357 V/m	1.303 V/m	1.261 V/m
477	05/19/2015 02:06:49 PM	1.305 V/m	1.282 V/m	1.250 V/m
478	05/19/2015 02:06:59 PM	1.404 V/m	1.342 V/m	1.295 V/m
479	05/19/2015 02:07:09 PM	1.387 V/m	1.343 V/m	1.303 V/m
480	05/19/2015 02:07:19 PM	1.427 V/m	1.322 V/m	1.287 V/m
481	05/19/2015 02:07:29 PM	1.449 V/m	1.325 V/m	1.270 V/m
482	05/19/2015 02:07:39 PM	1.445 V/m	1.339 V/m	1.299 V/m
483	05/19/2015 02:07:49 PM	1.367 V/m	1.320 V/m	1.249 V/m
484	05/19/2015 02:07:59 PM	1.436 V/m	1.324 V/m	1.276 V/m
485	05/19/2015 02:08:09 PM	1.356 V/m	1.300 V/m	1.248 V/m
486	05/19/2015 02:08:19 PM	1.345 V/m	1.296 V/m	1.269 V/m
487	05/19/2015 02:08:29 PM	1.401 V/m	1.327 V/m	1.278 V/m
488	05/19/2015 02:08:39 PM	1.358 V/m	1.306 V/m	1.266 V/m

489	05/19/2015 02:08:49 PM	1.353 V/m	1.300 V/m	1.252 V/m
490	05/19/2015 02:08:59 PM	1.377 V/m	1.313 V/m	1.283 V/m
491	05/19/2015 02:09:09 PM	1.338 V/m	1.290 V/m	1.238 V/m
492	05/19/2015 02:09:19 PM	1.401 V/m	1.292 V/m	1.235 V/m
493	05/19/2015 02:09:29 PM	1.424 V/m	1.307 V/m	1.237 V/m
494	05/19/2015 02:09:39 PM	1.622 V/m	1.373 V/m	1.256 V/m
495	05/19/2015 02:09:49 PM	1.698 V/m	1.462 V/m	1.271 V/m
496	05/19/2015 02:09:59 PM	1.376 V/m	1.311 V/m	1.263 V/m
497	05/19/2015 02:10:09 PM	1.390 V/m	1.311 V/m	1.273 V/m
498	05/19/2015 02:10:19 PM	1.382 V/m	1.313 V/m	1.256 V/m
499	05/19/2015 02:10:29 PM	1.457 V/m	1.357 V/m	1.278 V/m
500	05/19/2015 02:10:39 PM	1.524 V/m	1.364 V/m	1.276 V/m
501	05/19/2015 02:10:49 PM	1.398 V/m	1.305 V/m	1.259 V/m
502	05/19/2015 02:10:59 PM	1.531 V/m	1.333 V/m	1.258 V/m
503	05/19/2015 02:11:09 PM	1.395 V/m	1.308 V/m	1.266 V/m
504	05/19/2015 02:11:19 PM	1.449 V/m	1.320 V/m	1.254 V/m
505	05/19/2015 02:11:29 PM	1.466 V/m	1.309 V/m	1.241 V/m
506	05/19/2015 02:11:39 PM	1.449 V/m	1.337 V/m	1.271 V/m
507	05/19/2015 02:11:49 PM	1.355 V/m	1.291 V/m	1.230 V/m
508	05/19/2015 02:11:59 PM	1.352 V/m	1.300 V/m	1.275 V/m
509	05/19/2015 02:12:09 PM	1.346 V/m	1.280 V/m	1.242 V/m
510	05/19/2015 02:12:19 PM	1.408 V/m	1.310 V/m	1.261 V/m
511	05/19/2015 02:12:29 PM	1.397 V/m	1.324 V/m	1.268 V/m
512	05/19/2015 02:12:39 PM	1.384 V/m	1.317 V/m	1.259 V/m
513	05/19/2015 02:12:49 PM	1.392 V/m	1.301 V/m	1.251 V/m
514	05/19/2015 02:12:59 PM	1.341 V/m	1.300 V/m	1.259 V/m
515	05/19/2015 02:13:09 PM	1.344 V/m	1.295 V/m	1.253 V/m
516	05/19/2015 02:13:19 PM	1.355 V/m	1.311 V/m	1.263 V/m
517	05/19/2015 02:13:29 PM	1.378 V/m	1.314 V/m	1.255 V/m
518	05/19/2015 02:13:39 PM	1.437 V/m	1.322 V/m	1.271 V/m
519	05/19/2015 02:13:49 PM	1.354 V/m	1.311 V/m	1.257 V/m
520	05/19/2015 02:13:59 PM	1.533 V/m	1.319 V/m	1.232 V/m
521	05/19/2015 02:14:09 PM	1.335 V/m	1.296 V/m	1.255 V/m
522	05/19/2015 02:14:19 PM	1.406 V/m	1.318 V/m	1.263 V/m
523	05/19/2015 02:14:29 PM	1.408 V/m	1.317 V/m	1.245 V/m
524	05/19/2015 02:14:39 PM	1.377 V/m	1.319 V/m	1.257 V/m
525	05/19/2015 02:14:49 PM	1.368 V/m	1.316 V/m	1.279 V/m
526	05/19/2015 02:14:59 PM	1.386 V/m	1.322 V/m	1.253 V/m
527	05/19/2015 02:15:09 PM	1.412 V/m	1.325 V/m	1.266 V/m
528	05/19/2015 02:15:19 PM	1.414 V/m	1.367 V/m	1.284 V/m
529	05/19/2015 02:15:29 PM	1.475 V/m	1.386 V/m	1.318 V/m
530	05/19/2015 02:15:39 PM	1.451 V/m	1.367 V/m	1.293 V/m
531	05/19/2015 02:15:49 PM	1.456 V/m	1.368 V/m	1.277 V/m
532	05/19/2015 02:15:59 PM	1.450 V/m	1.378 V/m	1.309 V/m
533	05/19/2015 02:16:09 PM	1.442 V/m	1.363 V/m	1.310 V/m
534	05/19/2015 02:16:19 PM	1.490 V/m	1.402 V/m	1.339 V/m
535	05/19/2015 02:16:29 PM	1.514 V/m	1.402 V/m	1.327 V/m
536	05/19/2015 02:16:39 PM	1.479 V/m	1.379 V/m	1.311 V/m
537	05/19/2015 02:16:49 PM	1.433 V/m	1.378 V/m	1.342 V/m
538	05/19/2015 02:16:59 PM	1.455 V/m	1.391 V/m	1.336 V/m
539	05/19/2015 02:17:09 PM	1.600 V/m	1.430 V/m	1.330 V/m
540	05/19/2015 02:17:19 PM	1.748 V/m	1.421 V/m	1.315 V/m
541	05/19/2015 02:17:29 PM	1.607 V/m	1.424 V/m	1.359 V/m
542	05/19/2015 02:17:39 PM	1.445 V/m	1.374 V/m	1.312 V/m
543	05/19/2015 02:17:49 PM	1.478 V/m	1.381 V/m	1.320 V/m

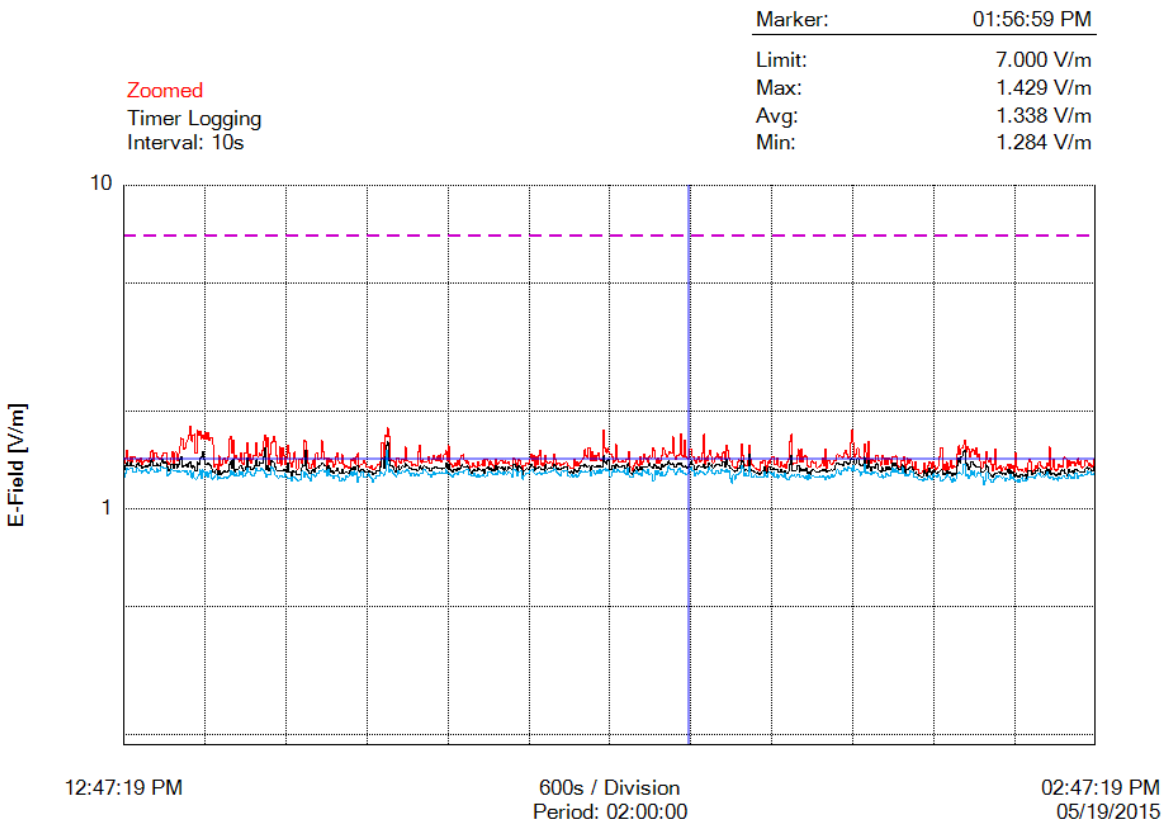
544	05/19/2015 02:17:59 PM	1.541 V/m	1.432 V/m	1.321 V/m
545	05/19/2015 02:18:09 PM	1.448 V/m	1.373 V/m	1.303 V/m
546	05/19/2015 02:18:19 PM	1.431 V/m	1.358 V/m	1.271 V/m
547	05/19/2015 02:18:29 PM	1.437 V/m	1.363 V/m	1.296 V/m
548	05/19/2015 02:18:39 PM	1.432 V/m	1.370 V/m	1.301 V/m
549	05/19/2015 02:18:49 PM	1.583 V/m	1.443 V/m	1.370 V/m
550	05/19/2015 02:18:59 PM	1.496 V/m	1.356 V/m	1.289 V/m
551	05/19/2015 02:19:09 PM	1.381 V/m	1.332 V/m	1.297 V/m
552	05/19/2015 02:19:19 PM	1.608 V/m	1.406 V/m	1.290 V/m
553	05/19/2015 02:19:29 PM	1.418 V/m	1.345 V/m	1.292 V/m
554	05/19/2015 02:19:39 PM	1.384 V/m	1.312 V/m	1.273 V/m
555	05/19/2015 02:19:49 PM	1.427 V/m	1.353 V/m	1.301 V/m
556	05/19/2015 02:19:59 PM	1.409 V/m	1.350 V/m	1.289 V/m
557	05/19/2015 02:20:09 PM	1.395 V/m	1.337 V/m	1.303 V/m
558	05/19/2015 02:20:19 PM	1.463 V/m	1.379 V/m	1.290 V/m
559	05/19/2015 02:20:29 PM	1.460 V/m	1.370 V/m	1.289 V/m
560	05/19/2015 02:20:39 PM	1.407 V/m	1.316 V/m	1.257 V/m
561	05/19/2015 02:20:49 PM	1.362 V/m	1.297 V/m	1.254 V/m
562	05/19/2015 02:20:59 PM	1.466 V/m	1.343 V/m	1.274 V/m
563	05/19/2015 02:21:09 PM	1.434 V/m	1.318 V/m	1.247 V/m
564	05/19/2015 02:21:19 PM	1.371 V/m	1.311 V/m	1.252 V/m
565	05/19/2015 02:21:29 PM	1.442 V/m	1.345 V/m	1.291 V/m
566	05/19/2015 02:21:39 PM	1.371 V/m	1.319 V/m	1.278 V/m
567	05/19/2015 02:21:49 PM	1.436 V/m	1.347 V/m	1.261 V/m
568	05/19/2015 02:21:59 PM	1.419 V/m	1.324 V/m	1.264 V/m
569	05/19/2015 02:22:09 PM	1.381 V/m	1.336 V/m	1.303 V/m
570	05/19/2015 02:22:19 PM	1.447 V/m	1.387 V/m	1.334 V/m
571	05/19/2015 02:22:29 PM	1.449 V/m	1.354 V/m	1.297 V/m
572	05/19/2015 02:22:39 PM	1.459 V/m	1.385 V/m	1.334 V/m
573	05/19/2015 02:22:49 PM	1.448 V/m	1.356 V/m	1.296 V/m
574	05/19/2015 02:22:59 PM	1.365 V/m	1.336 V/m	1.312 V/m
575	05/19/2015 02:23:09 PM	1.344 V/m	1.321 V/m	1.284 V/m
576	05/19/2015 02:23:19 PM	1.413 V/m	1.349 V/m	1.288 V/m
577	05/19/2015 02:23:29 PM	1.411 V/m	1.370 V/m	1.342 V/m
578	05/19/2015 02:23:39 PM	1.446 V/m	1.347 V/m	1.293 V/m
579	05/19/2015 02:23:49 PM	1.321 V/m	1.289 V/m	1.264 V/m
580	05/19/2015 02:23:59 PM	1.368 V/m	1.327 V/m	1.278 V/m
581	05/19/2015 02:24:09 PM	1.430 V/m	1.326 V/m	1.270 V/m
582	05/19/2015 02:24:19 PM	1.380 V/m	1.332 V/m	1.277 V/m
583	05/19/2015 02:24:29 PM	1.422 V/m	1.348 V/m	1.310 V/m
584	05/19/2015 02:24:39 PM	1.403 V/m	1.347 V/m	1.295 V/m
585	05/19/2015 02:24:49 PM	1.349 V/m	1.321 V/m	1.303 V/m
586	05/19/2015 02:24:59 PM	1.323 V/m	1.290 V/m	1.257 V/m
587	05/19/2015 02:25:09 PM	1.397 V/m	1.297 V/m	1.257 V/m
588	05/19/2015 02:25:19 PM	1.320 V/m	1.279 V/m	1.253 V/m
589	05/19/2015 02:25:29 PM	1.326 V/m	1.274 V/m	1.234 V/m
590	05/19/2015 02:25:39 PM	1.287 V/m	1.261 V/m	1.229 V/m
591	05/19/2015 02:25:49 PM	1.291 V/m	1.255 V/m	1.236 V/m
592	05/19/2015 02:25:59 PM	1.311 V/m	1.258 V/m	1.215 V/m
593	05/19/2015 02:26:09 PM	1.386 V/m	1.317 V/m	1.242 V/m
594	05/19/2015 02:26:19 PM	1.328 V/m	1.286 V/m	1.228 V/m
595	05/19/2015 02:26:29 PM	1.300 V/m	1.264 V/m	1.227 V/m
596	05/19/2015 02:26:39 PM	1.354 V/m	1.297 V/m	1.250 V/m
597	05/19/2015 02:26:49 PM	1.401 V/m	1.338 V/m	1.263 V/m
598	05/19/2015 02:26:59 PM	1.382 V/m	1.297 V/m	1.241 V/m

599	05/19/2015 02:27:09 PM	1.333 V/m	1.279 V/m	1.231 V/m
600	05/19/2015 02:27:19 PM	1.396 V/m	1.318 V/m	1.284 V/m
601	05/19/2015 02:27:29 PM	1.359 V/m	1.308 V/m	1.268 V/m
602	05/19/2015 02:27:39 PM	1.324 V/m	1.294 V/m	1.270 V/m
603	05/19/2015 02:27:49 PM	1.342 V/m	1.290 V/m	1.252 V/m
604	05/19/2015 02:27:59 PM	1.356 V/m	1.304 V/m	1.276 V/m
605	05/19/2015 02:28:09 PM	1.453 V/m	1.310 V/m	1.257 V/m
606	05/19/2015 02:28:19 PM	1.549 V/m	1.320 V/m	1.219 V/m
607	05/19/2015 02:28:29 PM	1.320 V/m	1.277 V/m	1.234 V/m
608	05/19/2015 02:28:39 PM	1.374 V/m	1.293 V/m	1.237 V/m
609	05/19/2015 02:28:49 PM	1.313 V/m	1.281 V/m	1.254 V/m
610	05/19/2015 02:28:59 PM	1.393 V/m	1.317 V/m	1.282 V/m
611	05/19/2015 02:29:09 PM	1.323 V/m	1.291 V/m	1.261 V/m
612	05/19/2015 02:29:19 PM	1.351 V/m	1.296 V/m	1.256 V/m
613	05/19/2015 02:29:29 PM	1.407 V/m	1.289 V/m	1.235 V/m
614	05/19/2015 02:29:39 PM	1.331 V/m	1.260 V/m	1.211 V/m
615	05/19/2015 02:29:49 PM	1.357 V/m	1.289 V/m	1.239 V/m
616	05/19/2015 02:29:59 PM	1.348 V/m	1.280 V/m	1.220 V/m
617	05/19/2015 02:30:09 PM	1.341 V/m	1.293 V/m	1.240 V/m
618	05/19/2015 02:30:19 PM	1.482 V/m	1.361 V/m	1.284 V/m
619	05/19/2015 02:30:29 PM	1.568 V/m	1.440 V/m	1.296 V/m
620	05/19/2015 02:30:39 PM	1.472 V/m	1.390 V/m	1.287 V/m
621	05/19/2015 02:30:49 PM	1.541 V/m	1.455 V/m	1.281 V/m
622	05/19/2015 02:30:59 PM	1.577 V/m	1.500 V/m	1.373 V/m
623	05/19/2015 02:31:09 PM	1.630 V/m	1.517 V/m	1.374 V/m
624	05/19/2015 02:31:19 PM	1.505 V/m	1.362 V/m	1.264 V/m
625	05/19/2015 02:31:29 PM	1.563 V/m	1.381 V/m	1.280 V/m
626	05/19/2015 02:31:39 PM	1.529 V/m	1.322 V/m	1.239 V/m
627	05/19/2015 02:31:49 PM	1.451 V/m	1.352 V/m	1.261 V/m
628	05/19/2015 02:31:59 PM	1.500 V/m	1.393 V/m	1.306 V/m
629	05/19/2015 02:32:09 PM	1.525 V/m	1.396 V/m	1.273 V/m
630	05/19/2015 02:32:19 PM	1.517 V/m	1.372 V/m	1.307 V/m
631	05/19/2015 02:32:29 PM	1.478 V/m	1.359 V/m	1.259 V/m
632	05/19/2015 02:32:39 PM	1.548 V/m	1.348 V/m	1.260 V/m
633	05/19/2015 02:32:49 PM	1.447 V/m	1.346 V/m	1.297 V/m
634	05/19/2015 02:32:59 PM	1.475 V/m	1.347 V/m	1.284 V/m
635	05/19/2015 02:33:09 PM	1.401 V/m	1.339 V/m	1.292 V/m
636	05/19/2015 02:33:19 PM	1.341 V/m	1.298 V/m	1.258 V/m
637	05/19/2015 02:33:29 PM	1.401 V/m	1.302 V/m	1.187 V/m
638	05/19/2015 02:33:39 PM	1.384 V/m	1.317 V/m	1.222 V/m
639	05/19/2015 02:33:49 PM	1.500 V/m	1.366 V/m	1.293 V/m
640	05/19/2015 02:33:59 PM	1.417 V/m	1.347 V/m	1.296 V/m
641	05/19/2015 02:34:09 PM	1.394 V/m	1.291 V/m	1.239 V/m
642	05/19/2015 02:34:19 PM	1.434 V/m	1.284 V/m	1.232 V/m
643	05/19/2015 02:34:29 PM	1.373 V/m	1.262 V/m	1.215 V/m
644	05/19/2015 02:34:39 PM	1.310 V/m	1.260 V/m	1.214 V/m
645	05/19/2015 02:34:49 PM	1.376 V/m	1.276 V/m	1.235 V/m
646	05/19/2015 02:34:59 PM	1.534 V/m	1.288 V/m	1.246 V/m
647	05/19/2015 02:35:09 PM	1.320 V/m	1.290 V/m	1.263 V/m
648	05/19/2015 02:35:19 PM	1.345 V/m	1.297 V/m	1.254 V/m
649	05/19/2015 02:35:29 PM	1.332 V/m	1.294 V/m	1.266 V/m
650	05/19/2015 02:35:39 PM	1.364 V/m	1.301 V/m	1.257 V/m
651	05/19/2015 02:35:49 PM	1.311 V/m	1.279 V/m	1.244 V/m
652	05/19/2015 02:35:59 PM	1.344 V/m	1.291 V/m	1.248 V/m
653	05/19/2015 02:36:09 PM	1.319 V/m	1.275 V/m	1.220 V/m

654	05/19/2015 02:36:19 PM	1.351 V/m	1.293 V/m	1.243 V/m
655	05/19/2015 02:36:29 PM	1.378 V/m	1.325 V/m	1.238 V/m
656	05/19/2015 02:36:39 PM	1.334 V/m	1.291 V/m	1.232 V/m
657	05/19/2015 02:36:49 PM	1.374 V/m	1.319 V/m	1.279 V/m
658	05/19/2015 02:36:59 PM	1.331 V/m	1.290 V/m	1.246 V/m
659	05/19/2015 02:37:09 PM	1.366 V/m	1.305 V/m	1.252 V/m
660	05/19/2015 02:37:19 PM	1.300 V/m	1.268 V/m	1.231 V/m
661	05/19/2015 02:37:29 PM	1.486 V/m	1.284 V/m	1.223 V/m
662	05/19/2015 02:37:39 PM	1.351 V/m	1.258 V/m	1.215 V/m
663	05/19/2015 02:37:49 PM	1.317 V/m	1.269 V/m	1.234 V/m
664	05/19/2015 02:37:59 PM	1.324 V/m	1.256 V/m	1.206 V/m
665	05/19/2015 02:38:09 PM	1.316 V/m	1.277 V/m	1.241 V/m
666	05/19/2015 02:38:19 PM	1.326 V/m	1.280 V/m	1.250 V/m
667	05/19/2015 02:38:29 PM	1.306 V/m	1.264 V/m	1.219 V/m
668	05/19/2015 02:38:39 PM	1.342 V/m	1.282 V/m	1.237 V/m
669	05/19/2015 02:38:49 PM	1.296 V/m	1.245 V/m	1.223 V/m
670	05/19/2015 02:38:59 PM	1.391 V/m	1.315 V/m	1.253 V/m
671	05/19/2015 02:39:09 PM	1.420 V/m	1.307 V/m	1.256 V/m
672	05/19/2015 02:39:19 PM	1.397 V/m	1.311 V/m	1.256 V/m
673	05/19/2015 02:39:29 PM	1.291 V/m	1.273 V/m	1.253 V/m
674	05/19/2015 02:39:39 PM	1.315 V/m	1.291 V/m	1.252 V/m
675	05/19/2015 02:39:49 PM	1.320 V/m	1.284 V/m	1.244 V/m
676	05/19/2015 02:39:59 PM	1.365 V/m	1.309 V/m	1.264 V/m
677	05/19/2015 02:40:09 PM	1.339 V/m	1.317 V/m	1.284 V/m
678	05/19/2015 02:40:19 PM	1.392 V/m	1.330 V/m	1.280 V/m
679	05/19/2015 02:40:29 PM	1.393 V/m	1.328 V/m	1.297 V/m
680	05/19/2015 02:40:39 PM	1.357 V/m	1.301 V/m	1.257 V/m
681	05/19/2015 02:40:49 PM	1.342 V/m	1.295 V/m	1.262 V/m
682	05/19/2015 02:40:59 PM	1.333 V/m	1.278 V/m	1.257 V/m
683	05/19/2015 02:41:09 PM	1.345 V/m	1.313 V/m	1.274 V/m
684	05/19/2015 02:41:19 PM	1.387 V/m	1.332 V/m	1.302 V/m
685	05/19/2015 02:41:29 PM	1.363 V/m	1.286 V/m	1.257 V/m
686	05/19/2015 02:41:39 PM	1.552 V/m	1.319 V/m	1.244 V/m
687	05/19/2015 02:41:49 PM	1.318 V/m	1.281 V/m	1.254 V/m
688	05/19/2015 02:41:59 PM	1.341 V/m	1.293 V/m	1.253 V/m
689	05/19/2015 02:42:09 PM	1.419 V/m	1.291 V/m	1.236 V/m
690	05/19/2015 02:42:19 PM	1.326 V/m	1.274 V/m	1.239 V/m
691	05/19/2015 02:42:29 PM	1.310 V/m	1.269 V/m	1.244 V/m
692	05/19/2015 02:42:39 PM	1.326 V/m	1.275 V/m	1.226 V/m
693	05/19/2015 02:42:49 PM	1.376 V/m	1.286 V/m	1.253 V/m
694	05/19/2015 02:42:59 PM	1.351 V/m	1.276 V/m	1.240 V/m
695	05/19/2015 02:43:09 PM	1.364 V/m	1.319 V/m	1.240 V/m
696	05/19/2015 02:43:19 PM	1.348 V/m	1.313 V/m	1.263 V/m
697	05/19/2015 02:43:29 PM	1.448 V/m	1.321 V/m	1.267 V/m
698	05/19/2015 02:43:39 PM	1.433 V/m	1.284 V/m	1.245 V/m
699	05/19/2015 02:43:49 PM	1.340 V/m	1.266 V/m	1.243 V/m
700	05/19/2015 02:43:59 PM	1.416 V/m	1.329 V/m	1.275 V/m
701	05/19/2015 02:44:09 PM	1.359 V/m	1.299 V/m	1.265 V/m
702	05/19/2015 02:44:19 PM	1.396 V/m	1.303 V/m	1.242 V/m
703	05/19/2015 02:44:29 PM	1.387 V/m	1.314 V/m	1.253 V/m
704	05/19/2015 02:44:39 PM	1.394 V/m	1.290 V/m	1.239 V/m
705	05/19/2015 02:44:49 PM	1.357 V/m	1.321 V/m	1.290 V/m
706	05/19/2015 02:44:59 PM	1.391 V/m	1.327 V/m	1.286 V/m
707	05/19/2015 02:45:09 PM	1.431 V/m	1.309 V/m	1.242 V/m
708	05/19/2015 02:45:19 PM	1.372 V/m	1.305 V/m	1.271 V/m

709	05/19/2015 02:45:29 PM	1.405 V/m	1.305 V/m	1.267 V/m
710	05/19/2015 02:45:39 PM	1.339 V/m	1.305 V/m	1.276 V/m
711	05/19/2015 02:45:49 PM	1.351 V/m	1.301 V/m	1.262 V/m
712	05/19/2015 02:45:59 PM	1.354 V/m	1.300 V/m	1.271 V/m
713	05/19/2015 02:46:09 PM	1.412 V/m	1.333 V/m	1.274 V/m
714	05/19/2015 02:46:19 PM	1.396 V/m	1.343 V/m	1.308 V/m
715	05/19/2015 02:46:29 PM	1.359 V/m	1.328 V/m	1.291 V/m
716	05/19/2015 02:46:39 PM	1.380 V/m	1.334 V/m	1.303 V/m
717	05/19/2015 02:46:49 PM	1.346 V/m	1.313 V/m	1.276 V/m
718	05/19/2015 02:46:59 PM	1.363 V/m	1.308 V/m	1.275 V/m
719	05/19/2015 02:47:09 PM	1.429 V/m	1.342 V/m	1.288 V/m
720	05/19/2015 02:47:19 PM	1.359 V/m	1.323 V/m	1.286 V/m

Graph


Marker: 01:56:59 PM
Limit: 7.000 V/m
Max: 1.429 V/m
Avg: 1.338 V/m
Min: 1.284 V/m
Zoomed
Timer Logging
Interval: 10s
10
1
E-Field [V/m]
12:47:19 PM
600s / Division
Period: 02:00:00
02:47:19 PM
05/19/2015

Parameters

Number of Sub Indices	720
Storing Date	05/19/2015
Storing Time	12:47:19 PM
Dataset Type	TIM
Voice Comment Available	NO
Dataset Fine Type	T1
GPS Flag	NORMAL
Device Product Name	NBM-550
Device Serial Number	B-0777
Device Cal Due Date	08/06/2011
Probe Product Name	EF0391
Probe Serial Number	A-0882
Probe Cal Due Date	08/03/2011
Probe Field Type	E
Probe Connection Type	A
Probe Lower Frequency Limit A	100 kHz
Probe Upper Frequency Limit A	3 GHz
Probe Lower Frequency Limit B	100 kHz
Probe Upper Frequency Limit B	3 GHz
Probe Emin A	185.0 mV/m
Probe Emax A	300.0 V/m
Probe Emin B	185.0 mV/m
Probe Emax B	300.0 V/m
Shaped Probe	NO
Standard ID	1
Standard Name	FCC 1997 Occupational
Apply Standard	OFF
Frequency	100 kHz
Apply Correction Frequency	OFF
Eref_E(f)	614.0 V/m
Eref_H(f)	614.5 V/m
Combi Probe Use	E_H
Unit	V/m
Results Format	FIXED
Auto-Zero Interval	OFF
Result Type	-
Averaging Time	-
Average Progress	-
Spatial AVG Mode	-
Store Condition	-
Storing Range	-
Cond. Stop Time	-
Upper Threshold	-
Lower Threshold	-
Timer Interval	10 sec
Timer Duration	02:00:00
History Time Scale	-
Time progress of current segment	-

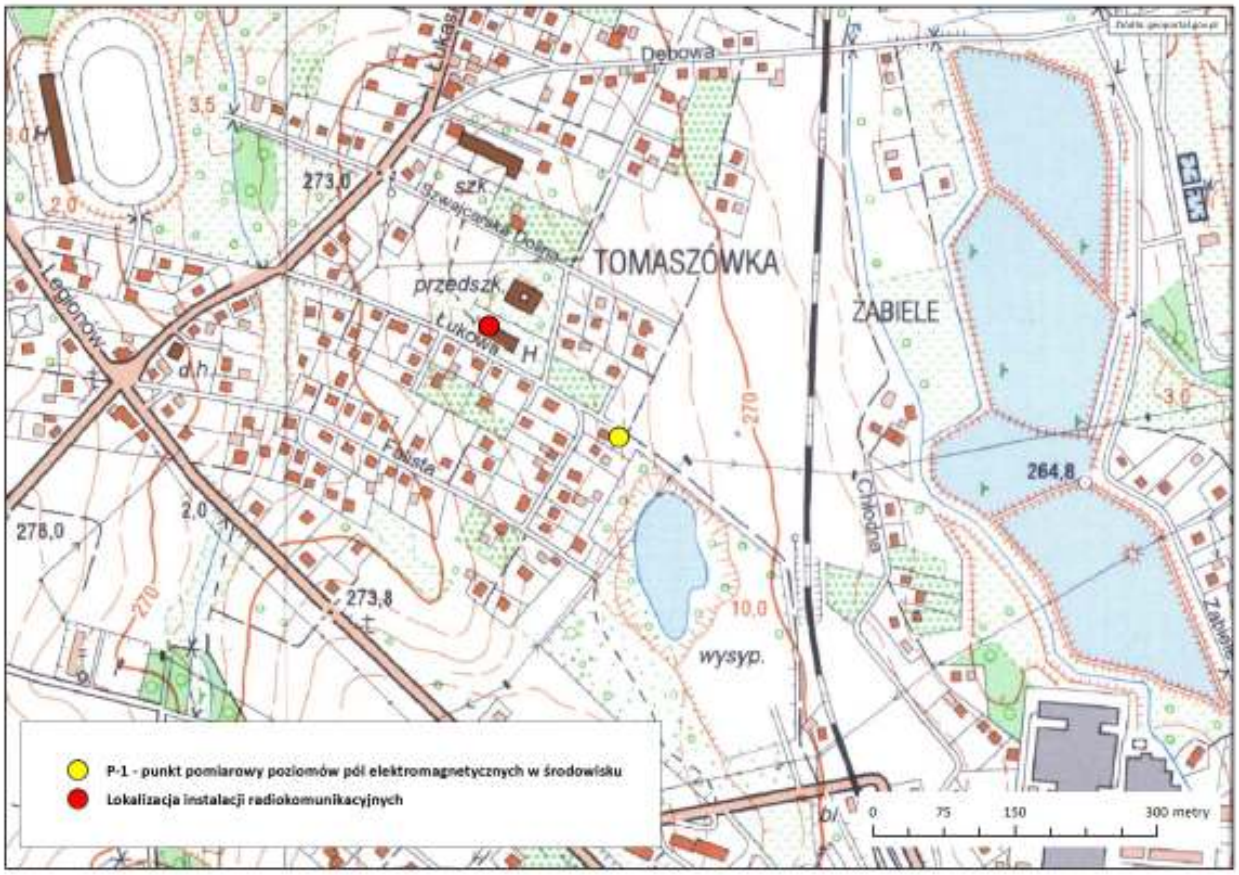
FOTOGRAFIE REJONU BADAŃ:

Fot. 1. Rejon badań, widok w kierunku północnym

Fot. 2. Rejon badań, widok w kierunku południowo-wschodnim

Fot. 3. Fragment instalacji radiokomunikacyjnej na dachu hotelu przy ul. Łukowej

Fot. 4. Przyrząd pomiarowy w trakcie prowadzonego badania



Ryc. Szkic sytuacyjny rejonu badań w miejscowości Czechowice-Dziedzice.