Wojewódzki Inspektorat Ochrony Środowiska w Katowicach

Pracownia Analiz Manualnych, Instrumentalnych, Hydrobiologicznych, Mikrobiologicznych oraz Pomiarów Terenowych i Pobierania Próbek w Bielsku-Białej

43-316 Bielsko-Biała, ul. Partyzantów 117; fax: (33) 812-49-30; tel: (33) 812-30-37, (33) 812-44-92
e-mail: bielsko@katowice.wios.gov.pl

Nr sprawy: LB.7072.3.2014
PROTOKÓŁ Z POMIARÓW nr 7/30/2015/PEM

SPRAWOZDANIE Z MONITORINGOWEGO POMIARU PÓL ELEKTROMAGNETYCZNYCH nr: 219/2015

Instalacja: 50371 WODZISŁAW_ŚLĄSKI, WOD2001_A;

Miejsce pomiarów: P-1, Wodzisław Śląski, Rynek;

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

Data oraz godzina wykonania pomiarów: 08.05.2015, godzina 11:03-13:03;

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 centrum miasta Wodzisław Śląski, 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 Wodzisław Śląski, w ścisłym centrum u wlotu ulicy Opolskiego na rynek miasta. 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 zwarta zabudowa mieszkaniowa wielorodzinna dwu, trzykondygnacyjna z funkcją usługowo-handlową. Runek miasta pełni także funkcję rekreacyjną, płyta rynku zagospodarowana jest poprzez małą architekturę taką jak ławki, fontanna itp. Najbliższy położony względem punktu pomiarowego obiekt budowlany – budynek nr 19, oddalony o około 12 m znajduje się w kierunku północnym. W kierunku wschodnim i zachodnim najbliższa zabudowa oddalona jest od P-1 o około 65 m.
W kierunku północno-wschodnim, około 150 m od P-1, na dachu sześciokondygnacyjnego budynku znajdują się instalacje radiokomunikacyjne – stacje bazowe telefonii komórkowych.

Klasyfikacja rodzaju terenu wg wytycznych przedmiotowego Rozporządzenia:

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

Nomenklatura jednostki terytorialnej (NTS):

Wodzisław Śląski 5.2.24.49.15.04.1

Współrzędne geogr. (GPS) punktu pomiarowego poziomów pól elektromagnetycznych w środowisku:
N 50°0'10.3";
E 18°27'45.0";

Wysokość lokalizacji punktu pomiarowego:

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

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

l = 12 [m] - od elewacji budynku mieszkalnego wielorodzinnego - Rynek 19

Lokalizacja punktu pomiarowego – w północnej części rynku miasta, u wlotu ulicy Opolskiego, w pasie zieleni niskiej pomiędzy jezdnią uliczki okalającej rynek a płytą główną rynku.

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">08-05-2015 r.
11:03:01–13:03:01</td><td colspan="2">Wyniki pomiarów:</td></tr>
<tr><td>T [°C]</td><td>15,8 – 17,5</td></tr>
<tr><td>RH [%]</td><td>31,0 – 35,8</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 150 m od punktu pomiarowego P-1, w kierunku północno-wschodnim, znajduje się sześciokondygnacyjny budynek biurowy przy ul. św. Jana 16, na duchu którego zainstalowano anteny nadawczo-odbiorcze stacji bazowych telefonii komórkowej, należące do dwóch operatorów: T-Mobile Polska S.A. oraz P4 Sp. z o.o. W tabelach 2 i 3 przedstawiono wyspecyfikowane parametry instalacji, zebrane na podstawie materiałów uzyskanych od operatorów.

Tabela 2

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

Nazwa instalacji wg nomenklatury użytkownika:
Stacja bazowa nr: **50371_Wodzisław Śląski**

Lokalizacja:
Wodzisław Śląski, ul. Św. Jana 16, dach budynku biurowego

Lp.	Azymut [^{0}]	Typ anteny	Pasmo (system) pracy [MHz]	Wysokość zawieszenia H [m] n.p.t.	EIRP $_{max}$ [W]
1.	100	Antena sektorowa Kathrein 742264	900 (GSM)	28,2	2398
2.	210	Antena sektorowa Kathrein 742264	900 (GSM)	28,2	2398
3.	330	Antena sektorowa Kathrein 742264	900 (GSM)	27,2	2398
4.	100	Antena sektorowa Kathrein 742264	1800 (DCS)	28,2	2398
5.	210	Antena sektorowa Kathrein 742264	1800 (DCS)	28,2	2398
6.	330	Antena sektorowa Kathrein 742264	1800 (DCS)	27,2	2398
7.	100	Antena sektorowa Kathrein 80010510	1800 (LTE)	28,2	977
8.	210	Antena sektorowa Kathrein 80010510	1800 (LTE)	28,2	977
9.	330	Antena sektorowa Kathrein 80010510	1800 (LTE)	27,2	977
10.	100	Antena sektorowa Kathrein 80010510	2100 (UMTS)	28,2	6309
11.	210	Antena sektorowa Kathrein 80010510	2100 (UMTS)	28,2	6309
12.	330	Antena sektorowa Kathrein 80010510	2100 (UMTS)	27,2	6309

EIRP $_{max}$, łącznie ze wszystkich anten sektorowych instalacji: **36 246** [W]

Objaśnienia:

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

Tabela 3

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

Nazwa instalacji wg nomenklatury użytkownika:
Stacja bazowa nr: **WOD2001_A**

Lokalizacja:
Dach budynku biurowego przy ul. św. Jana 16.

Lp.	Azymut [^{0}]	Typ anteny	Pasmo (system) pracy [MHz]	Wysokość zawieszenia H [m] n.p.t.	EIRP $_{max}$ [W]
1.	50	Antena sektorowa Kathrein 742215	2100 (UMTS)	27,1	1995
2.	140	Antena sektorowa Kathrein 742215	2100 (UMTS)	24,3	1995
3.	230	Antena sektorowa Kathrein 742215	2100 (UMTS)	24,3	1995
4.	320	Antena sektorowa Kathrein 742215	2100 (UMTS)	24,3	1995
5.	20	Antena sektorowa Kathrein 80010304	900 (GSM)	26,9	1348
6.	140	Antena sektorowa Kathrein 80010304	900 (GSM)	24,1	1348
7.	250	Antena sektorowa Kathrein 80010304	900 (GSM)	24,1	1348
8.	20	Antena sektorowa Huawei A19451811	1800 (GSM)	27,1	5495
9.	140	Antena sektorowa Huawei A19451811	1800 (GSM)	24,3	5495
10.	250	Antena sektorowa Huawei A19451811	1800 (GSM)	24,3	5495

EIRP $_{max}$, łącznie ze wszystkich anten sektorowych instalacji: **28 509** [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 $U_{E\ 0,95}$ [dB]
1.	P-1 Rynek miasta Dzielnica – Śródmieście Miasto – Wodzisław Śląski	0,54	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 219/2015

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 Rynek Miasto – Wodzisław Śląski Powiat – wodzisławski Województwo - śląskie	Latitude: 50°0'10.3" N Longitude: 18°27'45.0" E

Comment
Pomiary poziomów pól elektromagnetycznych 100 kHz - 3 GHz (składowej elektrycznej E) w środowisku; 08.05.2015 r., Wodzisław Śląski, 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 11:03:01 AM, Period 2h 0' 0", Interval 10s

Index	Date/Time	Zero	Max (E-Field)	Avg (E-Field)	Min (E-Field)
1	05/08/2015 11:03:11 AM		0.5706 V/m	0.5047 V/m	0.4770 V/m
2	05/08/2015 11:03:21 AM	!	0.5440 V/m	0.5087 V/m	0.4994 V/m
3	05/08/2015 11:03:31 AM		0.5204 V/m	0.4935 V/m	0.4695 V/m
4	05/08/2015 11:03:41 AM		0.5485 V/m	0.5107 V/m	0.4827 V/m
5	05/08/2015 11:03:51 AM		0.5390 V/m	0.4996 V/m	0.4619 V/m
6	05/08/2015 11:04:01 AM		0.5796 V/m	0.5224 V/m	0.4839 V/m
7	05/08/2015 11:04:11 AM		0.5867 V/m	0.5379 V/m	0.4889 V/m
8	05/08/2015 11:04:21 AM		0.5696 V/m	0.5169 V/m	0.4895 V/m
9	05/08/2015 11:04:31 AM		0.5172 V/m	0.5004 V/m	0.4805 V/m
10	05/08/2015 11:04:41 AM		0.5287 V/m	0.5001 V/m	0.4770 V/m
11	05/08/2015 11:04:51 AM		0.5415 V/m	0.5057 V/m	0.4872 V/m
12	05/08/2015 11:05:01 AM		0.5390 V/m	0.5026 V/m	0.4799 V/m
13	05/08/2015 11:05:11 AM		0.5475 V/m	0.5055 V/m	0.4822 V/m
14	05/08/2015 11:05:21 AM		0.5369 V/m	0.5073 V/m	0.4827 V/m
15	05/08/2015 11:05:31 AM		0.5415 V/m	0.5024 V/m	0.4747 V/m
16	05/08/2015 11:05:41 AM		0.5277 V/m	0.5065 V/m	0.4805 V/m
17	05/08/2015 11:05:51 AM		0.5589 V/m	0.5163 V/m	0.4850 V/m
18	05/08/2015 11:06:01 AM		0.5328 V/m	0.5120 V/m	0.4844 V/m
19	05/08/2015 11:06:11 AM		0.5480 V/m	0.5145 V/m	0.4917 V/m
20	05/08/2015 11:06:21 AM		0.5440 V/m	0.5214 V/m	0.5027 V/m
21	05/08/2015 11:06:31 AM		0.5801 V/m	0.5372 V/m	0.5108 V/m
22	05/08/2015 11:06:41 AM		0.5530 V/m	0.5280 V/m	0.4895 V/m
23	05/08/2015 11:06:51 AM		0.5749 V/m	0.5425 V/m	0.5140 V/m
24	05/08/2015 11:07:01 AM		0.5445 V/m	0.5320 V/m	0.5114 V/m
25	05/08/2015 11:07:11 AM		0.5555 V/m	0.5316 V/m	0.5071 V/m
26	05/08/2015 11:07:21 AM		0.5614 V/m	0.5352 V/m	0.5097 V/m
27	05/08/2015 11:07:31 AM		0.5530 V/m	0.5268 V/m	0.5049 V/m
28	05/08/2015 11:07:41 AM		0.5710 V/m	0.5204 V/m	0.4983 V/m
29	05/08/2015 11:07:51 AM		0.5691 V/m	0.5339 V/m	0.4994 V/m
30	05/08/2015 11:08:01 AM		0.6162 V/m	0.5337 V/m	0.4917 V/m
31	05/08/2015 11:08:11 AM		0.5425 V/m	0.5166 V/m	0.4961 V/m
32	05/08/2015 11:08:21 AM		0.5256 V/m	0.5032 V/m	0.4906 V/m
33	05/08/2015 11:08:31 AM		0.5455 V/m	0.5249 V/m	0.5011 V/m
34	05/08/2015 11:08:41 AM		0.5918 V/m	0.5321 V/m	0.5049 V/m
35	05/08/2015 11:08:51 AM		0.5395 V/m	0.5120 V/m	0.4822 V/m
36	05/08/2015 11:09:01 AM		0.5594 V/m	0.5236 V/m	0.4972 V/m
37	05/08/2015 11:09:11 AM		0.5866 V/m	0.5356 V/m	0.4867 V/m
38	05/08/2015 11:09:21 AM		0.5787 V/m	0.5352 V/m	0.4961 V/m
39	05/08/2015 11:09:31 AM		0.5510 V/m	0.5272 V/m	0.4844 V/m
40	05/08/2015 11:09:41 AM		0.5857 V/m	0.5295 V/m	0.5000 V/m
41	05/08/2015 11:09:51 AM		0.5400 V/m	0.5189 V/m	0.4994 V/m
42	05/08/2015 11:10:01 AM		0.5791 V/m	0.5413 V/m	0.5016 V/m
43	05/08/2015 11:10:11 AM		0.5729 V/m	0.5258 V/m	0.5000 V/m
44	05/08/2015 11:10:21 AM		0.5344 V/m	0.5132 V/m	0.4912 V/m
45	05/08/2015 11:10:31 AM		0.5753 V/m	0.5203 V/m	0.5022 V/m
46	05/08/2015 11:10:41 AM		0.5604 V/m	0.5250 V/m	0.5022 V/m
47	05/08/2015 11:10:51 AM		0.5430 V/m	0.5171 V/m	0.4906 V/m
48	05/08/2015 11:11:01 AM		0.5701 V/m	0.5203 V/m	0.4889 V/m

49	05/08/2015 11:11:11 AM	0.5540 V/m	0.5258 V/m	0.4989 V/m
50	05/08/2015 11:11:21 AM	0.5328 V/m	0.5171 V/m	0.4994 V/m
51	05/08/2015 11:11:31 AM	0.5589 V/m	0.5314 V/m	0.5065 V/m
52	05/08/2015 11:11:41 AM	0.5848 V/m	0.5352 V/m	0.5081 V/m
53	05/08/2015 11:11:51 AM	0.5495 V/m	0.5277 V/m	0.5011 V/m
54	05/08/2015 11:12:01 AM	0.5465 V/m	0.5265 V/m	0.5065 V/m
55	05/08/2015 11:12:11 AM	0.5706 V/m	0.5372 V/m	0.5151 V/m
56	05/08/2015 11:12:21 AM	0.5739 V/m	0.5407 V/m	0.5119 V/m
57	05/08/2015 11:12:31 AM	0.5535 V/m	0.5281 V/m	0.5114 V/m
58	05/08/2015 11:12:41 AM	0.5913 V/m	0.5453 V/m	0.5060 V/m
59	05/08/2015 11:12:51 AM	0.5643 V/m	0.5353 V/m	0.5193 V/m
60	05/08/2015 11:13:01 AM	0.5662 V/m	0.5381 V/m	0.5081 V/m
61	05/08/2015 11:13:11 AM	0.5555 V/m	0.5185 V/m	0.4912 V/m
62	05/08/2015 11:13:21 AM	0.5820 V/m	0.5306 V/m	0.5065 V/m
63	05/08/2015 11:13:31 AM	0.5715 V/m	0.5293 V/m	0.4950 V/m
64	05/08/2015 11:13:41 AM	0.5638 V/m	0.5182 V/m	0.4782 V/m
65	05/08/2015 11:13:51 AM	0.5594 V/m	0.5229 V/m	0.4978 V/m
66	05/08/2015 11:14:01 AM	0.5978 V/m	0.5366 V/m	0.4934 V/m
67	05/08/2015 11:14:11 AM	0.5867 V/m	0.5436 V/m	0.5140 V/m
68	05/08/2015 11:14:21 AM	0.6000 V/m	0.5440 V/m	0.5188 V/m
69	05/08/2015 11:14:31 AM	0.5954 V/m	0.5455 V/m	0.5103 V/m
70	05/08/2015 11:14:41 AM	0.5791 V/m	0.5303 V/m	0.5000 V/m
71	05/08/2015 11:14:51 AM	0.5470 V/m	0.5153 V/m	0.4945 V/m
72	05/08/2015 11:15:01 AM	0.5763 V/m	0.5281 V/m	0.5011 V/m
73	05/08/2015 11:15:11 AM	0.5908 V/m	0.5363 V/m	0.5087 V/m
74	05/08/2015 11:15:21 AM	0.5500 V/m	0.5238 V/m	0.4989 V/m
75	05/08/2015 11:15:31 AM	0.5480 V/m	0.5239 V/m	0.4994 V/m
76	05/08/2015 11:15:41 AM	0.5574 V/m	0.5194 V/m	0.4850 V/m
77	05/08/2015 11:15:51 AM	0.5686 V/m	0.5358 V/m	0.5167 V/m
78	05/08/2015 11:16:01 AM	0.5796 V/m	0.5385 V/m	0.5177 V/m
79	05/08/2015 11:16:11 AM	0.5857 V/m	0.5525 V/m	0.5156 V/m
80	05/08/2015 11:16:21 AM	0.5584 V/m	0.5275 V/m	0.5097 V/m
81	05/08/2015 11:16:31 AM	0.5579 V/m	0.5251 V/m	0.5114 V/m
82	05/08/2015 11:16:41 AM	0.5672 V/m	0.5350 V/m	0.5054 V/m
83	05/08/2015 11:16:51 AM	0.6091 V/m	0.5490 V/m	0.5140 V/m
84	05/08/2015 11:17:01 AM	0.5710 V/m	0.5272 V/m	0.4906 V/m
85	05/08/2015 11:17:11 AM	0.5715 V/m	0.5268 V/m	0.4967 V/m
86	05/08/2015 11:17:21 AM	0.5667 V/m	0.5257 V/m	0.5022 V/m
87	05/08/2015 11:17:31 AM	0.5540 V/m	0.5269 V/m	0.5071 V/m
88	05/08/2015 11:17:41 AM	0.5445 V/m	0.5189 V/m	0.4900 V/m
89	05/08/2015 11:17:51 AM	0.5313 V/m	0.5146 V/m	0.4906 V/m
90	05/08/2015 11:18:01 AM	0.5589 V/m	0.5262 V/m	0.4956 V/m
91	05/08/2015 11:18:11 AM	0.5619 V/m	0.5335 V/m	0.4945 V/m
92	05/08/2015 11:18:21 AM	0.5323 V/m	0.5153 V/m	0.4928 V/m
93	05/08/2015 11:18:31 AM	0.5385 V/m	0.5128 V/m	0.4861 V/m
94	05/08/2015 11:18:41 AM	0.5480 V/m	0.5139 V/m	0.4799 V/m
95	05/08/2015 11:18:51 AM	0.5375 V/m	0.5112 V/m	0.4839 V/m
96	05/08/2015 11:19:01 AM	0.5385 V/m	0.5162 V/m	0.4827 V/m
97	05/08/2015 11:19:11 AM	0.5313 V/m	0.5057 V/m	0.4764 V/m
98	05/08/2015 11:19:21 AM	0.5380 V/m	0.5121 V/m	0.4912 V/m
99	05/08/2015 11:19:31 AM	0.5525 V/m	0.5149 V/m	0.4895 V/m
100	05/08/2015 11:19:41 AM	0.5204 V/m	0.5078 V/m	0.4889 V/m
101	05/08/2015 11:19:51 AM	0.5575 V/m	0.5225 V/m	0.4884 V/m
102	05/08/2015 11:20:01 AM	0.5739 V/m	0.5271 V/m	0.4978 V/m
103	05/08/2015 11:20:11 AM	0.5574 V/m	0.5324 V/m	0.5156 V/m

104	05/08/2015 11:20:21 AM	0.5681 V/m	0.5362 V/m	0.5156 V/m
105	05/08/2015 11:20:31 AM	0.5475 V/m	0.5266 V/m	0.5081 V/m
106	05/08/2015 11:20:41 AM	0.5710 V/m	0.5218 V/m	0.4872 V/m
107	05/08/2015 11:20:51 AM	0.5354 V/m	0.5111 V/m	0.4928 V/m
108	05/08/2015 11:21:01 AM	0.5410 V/m	0.5192 V/m	0.4889 V/m
109	05/08/2015 11:21:11 AM	0.6377 V/m	0.5655 V/m	0.5065 V/m
110	05/08/2015 11:21:21 AM	0.6238 V/m	0.5842 V/m	0.5172 V/m
111	05/08/2015 11:21:31 AM	0.5545 V/m	0.5362 V/m	0.5033 V/m
112	05/08/2015 11:21:41 AM	0.5599 V/m	0.5252 V/m	0.5065 V/m
113	05/08/2015 11:21:51 AM	0.5385 V/m	0.5123 V/m	0.4895 V/m
114	05/08/2015 11:22:01 AM	0.5510 V/m	0.5213 V/m	0.4972 V/m
115	05/08/2015 11:22:11 AM	0.5820 V/m	0.5350 V/m	0.5033 V/m
116	05/08/2015 11:22:21 AM	0.5475 V/m	0.5168 V/m	0.4967 V/m
117	05/08/2015 11:22:31 AM	0.5768 V/m	0.5322 V/m	0.5000 V/m
118	05/08/2015 11:22:41 AM	0.5777 V/m	0.5325 V/m	0.5071 V/m
119	05/08/2015 11:22:51 AM	0.5339 V/m	0.5144 V/m	0.4945 V/m
120	05/08/2015 11:23:01 AM	0.5530 V/m	0.5269 V/m	0.4972 V/m
121	05/08/2015 11:23:11 AM	0.5344 V/m	0.5163 V/m	0.4983 V/m
122	05/08/2015 11:23:21 AM	0.5510 V/m	0.5206 V/m	0.5005 V/m
123	05/08/2015 11:23:31 AM	0.5359 V/m	0.5106 V/m	0.4917 V/m
124	05/08/2015 11:23:41 AM	0.5303 V/m	0.5079 V/m	0.4895 V/m
125	05/08/2015 11:23:51 AM	0.5400 V/m	0.5129 V/m	0.4850 V/m
126	05/08/2015 11:24:01 AM	0.5515 V/m	0.5161 V/m	0.5022 V/m
127	05/08/2015 11:24:11 AM	0.5667 V/m	0.5254 V/m	0.4967 V/m
128	05/08/2015 11:24:21 AM	0.5505 V/m	0.5176 V/m	0.4900 V/m
129	05/08/2015 11:24:31 AM	0.5623 V/m	0.5262 V/m	0.4827 V/m
130	05/08/2015 11:24:41 AM	0.5701 V/m	0.5299 V/m	0.4967 V/m
131	05/08/2015 11:24:51 AM	0.5715 V/m	0.5212 V/m	0.4994 V/m
132	05/08/2015 11:25:01 AM	0.5628 V/m	0.5286 V/m	0.4945 V/m
133	05/08/2015 11:25:11 AM	0.5460 V/m	0.5221 V/m	0.4945 V/m
134	05/08/2015 11:25:21 AM	0.5359 V/m	0.5082 V/m	0.4872 V/m
135	05/08/2015 11:25:31 AM	0.5323 V/m	0.5149 V/m	0.5000 V/m
136	05/08/2015 11:25:41 AM	0.5638 V/m	0.5329 V/m	0.5011 V/m
137	05/08/2015 11:25:51 AM	0.5715 V/m	0.5509 V/m	0.5272 V/m
138	05/08/2015 11:26:01 AM	0.5801 V/m	0.5465 V/m	0.5183 V/m
139	05/08/2015 11:26:11 AM	0.5495 V/m	0.5227 V/m	0.5038 V/m
140	05/08/2015 11:26:21 AM	0.5614 V/m	0.5293 V/m	0.4967 V/m
141	05/08/2015 11:26:31 AM	0.5475 V/m	0.5303 V/m	0.5071 V/m
142	05/08/2015 11:26:41 AM	0.5589 V/m	0.5279 V/m	0.4978 V/m
143	05/08/2015 11:26:51 AM	0.5535 V/m	0.5277 V/m	0.5087 V/m
144	05/08/2015 11:27:01 AM	0.5435 V/m	0.5224 V/m	0.4978 V/m
145	05/08/2015 11:27:11 AM	0.5706 V/m	0.5245 V/m	0.4923 V/m
146	05/08/2015 11:27:21 AM	0.5824 V/m	0.5294 V/m	0.5022 V/m
147	05/08/2015 11:27:31 AM	0.5730 V/m	0.5353 V/m	0.5119 V/m
148	05/08/2015 11:27:41 AM	0.5768 V/m	0.5479 V/m	0.5204 V/m
149	05/08/2015 11:27:51 AM	0.6277 V/m	0.5564 V/m	0.5214 V/m
150	05/08/2015 11:28:01 AM	0.5777 V/m	0.5380 V/m	0.5027 V/m
151	05/08/2015 11:28:11 AM	0.5614 V/m	0.5340 V/m	0.5071 V/m
152	05/08/2015 11:28:21 AM	0.5862 V/m	0.5493 V/m	0.5230 V/m
153	05/08/2015 11:28:31 AM	0.6424 V/m	0.5892 V/m	0.5292 V/m
154	05/08/2015 11:28:41 AM	0.6462 V/m	0.5679 V/m	0.5135 V/m
155	05/08/2015 11:28:51 AM	0.6333 V/m	0.5596 V/m	0.5140 V/m
156	05/08/2015 11:29:01 AM	0.6377 V/m	0.5884 V/m	0.5334 V/m
157	05/08/2015 11:29:11 AM	0.6163 V/m	0.5542 V/m	0.5135 V/m
158	05/08/2015 11:29:21 AM	0.6207 V/m	0.5566 V/m	0.5246 V/m

159	05/08/2015 11:29:31 AM	0.5977 V/m	0.5427 V/m	0.5198 V/m
160	05/08/2015 11:29:41 AM	0.5599 V/m	0.5224 V/m	0.4934 V/m
161	05/08/2015 11:29:51 AM	0.6096 V/m	0.5385 V/m	0.4961 V/m
162	05/08/2015 11:30:01 AM	0.5968 V/m	0.5553 V/m	0.5172 V/m
163	05/08/2015 11:30:11 AM	0.6251 V/m	0.5645 V/m	0.5261 V/m
164	05/08/2015 11:30:21 AM	0.5871 V/m	0.5522 V/m	0.5308 V/m
165	05/08/2015 11:30:31 AM	0.5662 V/m	0.5462 V/m	0.5282 V/m
166	05/08/2015 11:30:41 AM	0.6140 V/m	0.5628 V/m	0.5108 V/m
167	05/08/2015 11:30:51 AM	0.5500 V/m	0.5292 V/m	0.5081 V/m
168	05/08/2015 11:31:01 AM	0.6037 V/m	0.5515 V/m	0.5076 V/m
169	05/08/2015 11:31:11 AM	0.5810 V/m	0.5551 V/m	0.5235 V/m
170	05/08/2015 11:31:21 AM	0.6238 V/m	0.5531 V/m	0.5225 V/m
171	05/08/2015 11:31:31 AM	0.6023 V/m	0.5507 V/m	0.5235 V/m
172	05/08/2015 11:31:41 AM	0.6082 V/m	0.5496 V/m	0.5177 V/m
173	05/08/2015 11:31:51 AM	0.6140 V/m	0.5441 V/m	0.5103 V/m
174	05/08/2015 11:32:01 AM	0.5643 V/m	0.5361 V/m	0.5188 V/m
175	05/08/2015 11:32:11 AM	0.5763 V/m	0.5428 V/m	0.5167 V/m
176	05/08/2015 11:32:21 AM	0.5987 V/m	0.5337 V/m	0.5054 V/m
177	05/08/2015 11:32:31 AM	0.5565 V/m	0.5258 V/m	0.4961 V/m
178	05/08/2015 11:32:41 AM	0.5945 V/m	0.5654 V/m	0.5167 V/m
179	05/08/2015 11:32:51 AM	0.6238 V/m	0.5676 V/m	0.5114 V/m
180	05/08/2015 11:33:01 AM	0.5604 V/m	0.5336 V/m	0.5027 V/m
181	05/08/2015 11:33:11 AM	0.5964 V/m	0.5379 V/m	0.5167 V/m
182	05/08/2015 11:33:21 AM	0.6149 V/m	0.5576 V/m	0.5214 V/m
183	05/08/2015 11:33:31 AM	0.6338 V/m	0.5957 V/m	0.5140 V/m
184	05/08/2015 11:33:41 AM	0.6096 V/m	0.5487 V/m	0.5124 V/m
185	05/08/2015 11:33:51 AM	0.5520 V/m	0.5274 V/m	0.5027 V/m
186	05/08/2015 11:34:01 AM	0.5706 V/m	0.5344 V/m	0.5146 V/m
187	05/08/2015 11:34:11 AM	0.5710 V/m	0.5332 V/m	0.5087 V/m
188	05/08/2015 11:34:21 AM	0.5880 V/m	0.5490 V/m	0.5256 V/m
189	05/08/2015 11:34:31 AM	0.5834 V/m	0.5409 V/m	0.5071 V/m
190	05/08/2015 11:34:41 AM	0.5686 V/m	0.5360 V/m	0.5161 V/m
191	05/08/2015 11:34:51 AM	0.5852 V/m	0.5377 V/m	0.5124 V/m
192	05/08/2015 11:35:01 AM	0.5936 V/m	0.5329 V/m	0.5065 V/m
193	05/08/2015 11:35:11 AM	0.5936 V/m	0.5368 V/m	0.4945 V/m
194	05/08/2015 11:35:21 AM	0.5682 V/m	0.5164 V/m	0.4827 V/m
195	05/08/2015 11:35:31 AM	0.5604 V/m	0.5220 V/m	0.4961 V/m
196	05/08/2015 11:35:41 AM	0.5904 V/m	0.5463 V/m	0.4983 V/m
197	05/08/2015 11:35:51 AM	0.5720 V/m	0.5113 V/m	0.4805 V/m
198	05/08/2015 11:36:01 AM	0.5575 V/m	0.5091 V/m	0.4850 V/m
199	05/08/2015 11:36:11 AM	0.5183 V/m	0.4954 V/m	0.4765 V/m
200	05/08/2015 11:36:21 AM	0.5308 V/m	0.5003 V/m	0.4782 V/m
201	05/08/2015 11:36:31 AM	0.5415 V/m	0.5062 V/m	0.4816 V/m
202	05/08/2015 11:36:41 AM	0.5235 V/m	0.4988 V/m	0.4776 V/m
203	05/08/2015 11:36:51 AM	0.5193 V/m	0.5008 V/m	0.4856 V/m
204	05/08/2015 11:37:01 AM	0.5465 V/m	0.5109 V/m	0.4827 V/m
205	05/08/2015 11:37:11 AM	0.5987 V/m	0.5203 V/m	0.4889 V/m
206	05/08/2015 11:37:21 AM	0.6264 V/m	0.5536 V/m	0.4961 V/m
207	05/08/2015 11:37:31 AM	0.5978 V/m	0.5210 V/m	0.4856 V/m
208	05/08/2015 11:37:41 AM	0.6145 V/m	0.5373 V/m	0.4972 V/m
209	05/08/2015 11:37:51 AM	0.5969 V/m	0.5543 V/m	0.4844 V/m
210	05/08/2015 11:38:01 AM	0.5415 V/m	0.5169 V/m	0.4889 V/m
211	05/08/2015 11:38:11 AM	0.5177 V/m	0.4941 V/m	0.4799 V/m
212	05/08/2015 11:38:21 AM	0.5530 V/m	0.5178 V/m	0.4906 V/m
213	05/08/2015 11:38:31 AM	0.5430 V/m	0.5133 V/m	0.4989 V/m

214	05/08/2015 11:38:41 AM	0.5782 V/m	0.5380 V/m	0.5119 V/m
215	05/08/2015 11:38:51 AM	0.6325 V/m	0.5384 V/m	0.4989 V/m
216	05/08/2015 11:39:01 AM	0.5415 V/m	0.5175 V/m	0.4967 V/m
217	05/08/2015 11:39:11 AM	0.5599 V/m	0.5274 V/m	0.5027 V/m
218	05/08/2015 11:39:21 AM	0.5791 V/m	0.5365 V/m	0.5081 V/m
219	05/08/2015 11:39:31 AM	0.5894 V/m	0.5554 V/m	0.5344 V/m
220	05/08/2015 11:39:41 AM	0.6475 V/m	0.5945 V/m	0.5525 V/m
221	05/08/2015 11:39:51 AM	0.6449 V/m	0.5786 V/m	0.5395 V/m
222	05/08/2015 11:40:01 AM	0.5876 V/m	0.5485 V/m	0.5114 V/m
223	05/08/2015 11:40:11 AM	0.5904 V/m	0.5350 V/m	0.5103 V/m
224	05/08/2015 11:40:21 AM	0.5354 V/m	0.5152 V/m	0.4884 V/m
225	05/08/2015 11:40:31 AM	0.5515 V/m	0.5232 V/m	0.5000 V/m
226	05/08/2015 11:40:41 AM	0.5871 V/m	0.5391 V/m	0.5049 V/m
227	05/08/2015 11:40:51 AM	0.5430 V/m	0.5122 V/m	0.4799 V/m
228	05/08/2015 11:41:01 AM	0.5555 V/m	0.5311 V/m	0.5000 V/m
229	05/08/2015 11:41:11 AM	0.5691 V/m	0.5456 V/m	0.5188 V/m
230	05/08/2015 11:41:21 AM	0.5894 V/m	0.5378 V/m	0.5097 V/m
231	05/08/2015 11:41:31 AM	0.5579 V/m	0.5106 V/m	0.4934 V/m
232	05/08/2015 11:41:41 AM	0.5480 V/m	0.5259 V/m	0.4950 V/m
233	05/08/2015 11:41:51 AM	0.5614 V/m	0.5131 V/m	0.4850 V/m
234	05/08/2015 11:42:01 AM	0.5204 V/m	0.4987 V/m	0.4856 V/m
235	05/08/2015 11:42:11 AM	0.5114 V/m	0.4956 V/m	0.4770 V/m
236	05/08/2015 11:42:21 AM	0.5435 V/m	0.5153 V/m	0.4945 V/m
237	05/08/2015 11:42:31 AM	0.5609 V/m	0.5170 V/m	0.4850 V/m
238	05/08/2015 11:42:41 AM	0.5495 V/m	0.5074 V/m	0.4589 V/m
239	05/08/2015 11:42:51 AM	0.5318 V/m	0.5140 V/m	0.4956 V/m
240	05/08/2015 11:43:01 AM	0.5380 V/m	0.5100 V/m	0.4900 V/m
241	05/08/2015 11:43:11 AM	0.5354 V/m	0.5139 V/m	0.4961 V/m
242	05/08/2015 11:43:21 AM	0.5667 V/m	0.5291 V/m	0.5011 V/m
243	05/08/2015 11:43:31 AM	0.5843 V/m	0.5328 V/m	0.5033 V/m
244	05/08/2015 11:43:41 AM	0.5968 V/m	0.5377 V/m	0.4900 V/m
245	05/08/2015 11:43:51 AM	0.5445 V/m	0.5131 V/m	0.4867 V/m
246	05/08/2015 11:44:01 AM	0.5282 V/m	0.5040 V/m	0.4827 V/m
247	05/08/2015 11:44:11 AM	0.5344 V/m	0.5104 V/m	0.4917 V/m
248	05/08/2015 11:44:21 AM	0.5375 V/m	0.5124 V/m	0.4950 V/m
249	05/08/2015 11:44:31 AM	0.6046 V/m	0.5505 V/m	0.5108 V/m
250	05/08/2015 11:44:41 AM	0.5584 V/m	0.5261 V/m	0.4956 V/m
251	05/08/2015 11:44:51 AM	0.6113 V/m	0.5471 V/m	0.4912 V/m
252	05/08/2015 11:45:01 AM	0.5941 V/m	0.5362 V/m	0.5054 V/m
253	05/08/2015 11:45:11 AM	0.5908 V/m	0.5514 V/m	0.5209 V/m
254	05/08/2015 11:45:21 AM	0.5691 V/m	0.5371 V/m	0.5060 V/m
255	05/08/2015 11:45:31 AM	0.5950 V/m	0.5661 V/m	0.5303 V/m
256	05/08/2015 11:45:41 AM	0.6122 V/m	0.5733 V/m	0.5374 V/m
257	05/08/2015 11:45:51 AM	0.5787 V/m	0.5495 V/m	0.5344 V/m
258	05/08/2015 11:46:01 AM	0.5959 V/m	0.5727 V/m	0.5349 V/m
259	05/08/2015 11:46:11 AM	0.6398 V/m	0.5851 V/m	0.5594 V/m
260	05/08/2015 11:46:21 AM	0.5922 V/m	0.5607 V/m	0.5235 V/m
261	05/08/2015 11:46:31 AM	0.6411 V/m	0.5555 V/m	0.5214 V/m
262	05/08/2015 11:46:41 AM	0.5594 V/m	0.5306 V/m	0.5054 V/m
263	05/08/2015 11:46:51 AM	0.5834 V/m	0.5427 V/m	0.5188 V/m
264	05/08/2015 11:47:01 AM	0.5899 V/m	0.5424 V/m	0.5087 V/m
265	05/08/2015 11:47:11 AM	0.5918 V/m	0.5548 V/m	0.5251 V/m
266	05/08/2015 11:47:21 AM	0.5749 V/m	0.5492 V/m	0.5225 V/m
267	05/08/2015 11:47:31 AM	0.5614 V/m	0.5382 V/m	0.5209 V/m
268	05/08/2015 11:47:41 AM	0.5480 V/m	0.5259 V/m	0.5033 V/m

269	05/08/2015 11:47:51 AM	0.5729 V/m	0.5557 V/m	0.5380 V/m
270	05/08/2015 11:48:01 AM	0.5848 V/m	0.5578 V/m	0.5400 V/m
271	05/08/2015 11:48:11 AM	0.5648 V/m	0.5380 V/m	0.5060 V/m
272	05/08/2015 11:48:21 AM	0.5570 V/m	0.5310 V/m	0.5151 V/m
273	05/08/2015 11:48:31 AM	0.5633 V/m	0.5379 V/m	0.5124 V/m
274	05/08/2015 11:48:41 AM	0.5730 V/m	0.5344 V/m	0.5016 V/m
275	05/08/2015 11:48:51 AM	0.5560 V/m	0.5287 V/m	0.5119 V/m
276	05/08/2015 11:49:01 AM	0.5425 V/m	0.5287 V/m	0.5140 V/m
277	05/08/2015 11:49:11 AM	0.5686 V/m	0.5304 V/m	0.4972 V/m
278	05/08/2015 11:49:21 AM	0.5978 V/m	0.5398 V/m	0.5054 V/m
279	05/08/2015 11:49:31 AM	0.5749 V/m	0.5451 V/m	0.5044 V/m
280	05/08/2015 11:49:41 AM	0.5782 V/m	0.5458 V/m	0.5087 V/m
281	05/08/2015 11:49:51 AM	0.5729 V/m	0.5456 V/m	0.5214 V/m
282	05/08/2015 11:50:01 AM	0.6005 V/m	0.5521 V/m	0.5038 V/m
283	05/08/2015 11:50:11 AM	0.6255 V/m	0.5724 V/m	0.5135 V/m
284	05/08/2015 11:50:21 AM	0.5848 V/m	0.5285 V/m	0.5087 V/m
285	05/08/2015 11:50:31 AM	0.6534 V/m	0.5759 V/m	0.5354 V/m
286	05/08/2015 11:50:41 AM	0.6419 V/m	0.5977 V/m	0.5235 V/m
287	05/08/2015 11:50:51 AM	0.6091 V/m	0.5421 V/m	0.5044 V/m
288	05/08/2015 11:51:01 AM	0.6046 V/m	0.5560 V/m	0.5130 V/m
289	05/08/2015 11:51:11 AM	0.5710 V/m	0.5300 V/m	0.5097 V/m
290	05/08/2015 11:51:21 AM	0.5579 V/m	0.5300 V/m	0.5140 V/m
291	05/08/2015 11:51:31 AM	0.6046 V/m	0.5434 V/m	0.5177 V/m
292	05/08/2015 11:51:41 AM	0.5973 V/m	0.5314 V/m	0.5108 V/m
293	05/08/2015 11:51:51 AM	0.6050 V/m	0.5350 V/m	0.5130 V/m
294	05/08/2015 11:52:01 AM	0.5485 V/m	0.5280 V/m	0.5092 V/m
295	05/08/2015 11:52:11 AM	0.5609 V/m	0.5281 V/m	0.5022 V/m
296	05/08/2015 11:52:21 AM	0.5701 V/m	0.5198 V/m	0.4934 V/m
297	05/08/2015 11:52:31 AM	0.6037 V/m	0.5357 V/m	0.4912 V/m
298	05/08/2015 11:52:41 AM	0.5829 V/m	0.5517 V/m	0.5204 V/m
299	05/08/2015 11:52:51 AM	0.5820 V/m	0.5541 V/m	0.5261 V/m
300	05/08/2015 11:53:01 AM	0.5782 V/m	0.5514 V/m	0.5188 V/m
301	05/08/2015 11:53:11 AM	0.5936 V/m	0.5519 V/m	0.5292 V/m
302	05/08/2015 11:53:21 AM	0.5706 V/m	0.5373 V/m	0.5103 V/m
303	05/08/2015 11:53:31 AM	0.6046 V/m	0.5444 V/m	0.5124 V/m
304	05/08/2015 11:53:41 AM	0.6158 V/m	0.5824 V/m	0.5246 V/m
305	05/08/2015 11:53:51 AM	0.6149 V/m	0.5683 V/m	0.5005 V/m
306	05/08/2015 11:54:01 AM	0.5739 V/m	0.5286 V/m	0.5022 V/m
307	05/08/2015 11:54:11 AM	0.6145 V/m	0.5582 V/m	0.5177 V/m
308	05/08/2015 11:54:21 AM	0.6180 V/m	0.5618 V/m	0.5087 V/m
309	05/08/2015 11:54:31 AM	0.5968 V/m	0.5556 V/m	0.5261 V/m
310	05/08/2015 11:54:41 AM	0.5696 V/m	0.5423 V/m	0.5140 V/m
311	05/08/2015 11:54:51 AM	0.5638 V/m	0.5247 V/m	0.4994 V/m
312	05/08/2015 11:55:01 AM	0.5628 V/m	0.5227 V/m	0.4978 V/m
313	05/08/2015 11:55:11 AM	0.5801 V/m	0.5329 V/m	0.4844 V/m
314	05/08/2015 11:55:21 AM	0.6104 V/m	0.5668 V/m	0.5214 V/m
315	05/08/2015 11:55:31 AM	0.5763 V/m	0.5204 V/m	0.4923 V/m
316	05/08/2015 11:55:41 AM	0.5385 V/m	0.5171 V/m	0.4994 V/m
317	05/08/2015 11:55:51 AM	0.5445 V/m	0.5216 V/m	0.4928 V/m
318	05/08/2015 11:56:01 AM	0.5460 V/m	0.5281 V/m	0.4945 V/m
319	05/08/2015 11:56:11 AM	0.5677 V/m	0.5462 V/m	0.5204 V/m
320	05/08/2015 11:56:21 AM	0.5686 V/m	0.5245 V/m	0.4983 V/m
321	05/08/2015 11:56:31 AM	0.5455 V/m	0.5213 V/m	0.4983 V/m
322	05/08/2015 11:56:41 AM	0.5710 V/m	0.5193 V/m	0.4972 V/m
323	05/08/2015 11:56:51 AM	0.6299 V/m	0.5633 V/m	0.5065 V/m

324	05/08/2015 11:57:01 AM	0.5866 V/m	0.5467 V/m	0.4917 V/m
325	05/08/2015 11:57:11 AM	0.5867 V/m	0.5349 V/m	0.4945 V/m
326	05/08/2015 11:57:21 AM	0.5359 V/m	0.5086 V/m	0.4856 V/m
327	05/08/2015 11:57:31 AM	0.5375 V/m	0.5023 V/m	0.4753 V/m
328	05/08/2015 11:57:41 AM	0.5480 V/m	0.5092 V/m	0.4850 V/m
329	05/08/2015 11:57:51 AM	0.5495 V/m	0.5084 V/m	0.4401 V/m
330	05/08/2015 11:58:01 AM	0.5235 V/m	0.5017 V/m	0.4816 V/m
331	05/08/2015 11:58:11 AM	0.5390 V/m	0.5094 V/m	0.4799 V/m
332	05/08/2015 11:58:21 AM	0.5824 V/m	0.5188 V/m	0.4967 V/m
333	05/08/2015 11:58:31 AM	0.6014 V/m	0.5256 V/m	0.4928 V/m
334	05/08/2015 11:58:41 AM	0.5480 V/m	0.5145 V/m	0.4833 V/m
335	05/08/2015 11:58:51 AM	0.5686 V/m	0.5277 V/m	0.4934 V/m
336	05/08/2015 11:59:01 AM	0.5791 V/m	0.5261 V/m	0.4983 V/m
337	05/08/2015 11:59:11 AM	0.5604 V/m	0.5173 V/m	0.4928 V/m
338	05/08/2015 11:59:21 AM	0.6041 V/m	0.5605 V/m	0.4805 V/m
339	05/08/2015 11:59:31 AM	0.6207 V/m	0.5656 V/m	0.5156 V/m
340	05/08/2015 11:59:41 AM	0.6131 V/m	0.5815 V/m	0.5490 V/m
341	05/08/2015 11:59:51 AM	0.6104 V/m	0.5803 V/m	0.5435 V/m
342	05/08/2015 12:00:01 PM	0.6136 V/m	0.5690 V/m	0.5177 V/m
343	05/08/2015 12:00:11 PM	0.6273 V/m	0.5397 V/m	0.4945 V/m
344	05/08/2015 12:00:21 PM	0.5672 V/m	0.5155 V/m	0.4730 V/m
345	05/08/2015 12:00:31 PM	0.5653 V/m	0.5104 V/m	0.4764 V/m
346	05/08/2015 12:00:41 PM	0.5364 V/m	0.5043 V/m	0.4535 V/m
347	05/08/2015 12:00:51 PM	0.5677 V/m	0.5120 V/m	0.4400 V/m
348	05/08/2015 12:01:01 PM	0.5913 V/m	0.5462 V/m	0.4793 V/m
349	05/08/2015 12:01:11 PM	0.5801 V/m	0.5092 V/m	0.4438 V/m
350	05/08/2015 12:01:21 PM	0.5913 V/m	0.5227 V/m	0.4105 V/m
351	05/08/2015 12:01:31 PM	0.5298 V/m	0.5050 V/m	0.4799 V/m
352	05/08/2015 12:01:41 PM	0.5204 V/m	0.5001 V/m	0.4816 V/m
353	05/08/2015 12:01:51 PM	0.5323 V/m	0.5048 V/m	0.4787 V/m
354	05/08/2015 12:02:01 PM	0.6100 V/m	0.5353 V/m	0.4660 V/m
355	05/08/2015 12:02:11 PM	0.6082 V/m	0.5424 V/m	0.4736 V/m
356	05/08/2015 12:02:21 PM	0.6307 V/m	0.5498 V/m	0.4571 V/m
357	05/08/2015 12:02:31 PM	0.5287 V/m	0.5022 V/m	0.4672 V/m
358	05/08/2015 12:02:41 PM	0.5500 V/m	0.5255 V/m	0.4989 V/m
359	05/08/2015 12:02:51 PM	0.5619 V/m	0.5218 V/m	0.4872 V/m
360	05/08/2015 12:03:01 PM	0.5619 V/m	0.5236 V/m	0.4972 V/m
361	05/08/2015 12:03:11 PM	0.6050 V/m	0.5694 V/m	0.5114 V/m
362	05/08/2015 12:03:21 PM	0.6158 V/m	0.5679 V/m	0.5054 V/m
363	05/08/2015 12:03:31 PM	0.6163 V/m	0.5789 V/m	0.5135 V/m
364	05/08/2015 12:03:41 PM	0.5964 V/m	0.5664 V/m	0.5097 V/m
365	05/08/2015 12:03:51 PM	0.6064 V/m	0.5703 V/m	0.5130 V/m
366	05/08/2015 12:04:01 PM	0.6050 V/m	0.5599 V/m	0.4678 V/m
367	05/08/2015 12:04:11 PM	0.6100 V/m	0.5748 V/m	0.4934 V/m
368	05/08/2015 12:04:21 PM	0.6140 V/m	0.5813 V/m	0.5303 V/m
369	05/08/2015 12:04:31 PM	0.5946 V/m	0.5652 V/m	0.4861 V/m
370	05/08/2015 12:04:41 PM	0.6001 V/m	0.5543 V/m	0.5005 V/m
371	05/08/2015 12:04:51 PM	0.5560 V/m	0.5009 V/m	0.4764 V/m
372	05/08/2015 12:05:01 PM	0.5922 V/m	0.5534 V/m	0.4923 V/m
373	05/08/2015 12:05:11 PM	0.5594 V/m	0.5088 V/m	0.4631 V/m
374	05/08/2015 12:05:21 PM	0.6303 V/m	0.5766 V/m	0.4983 V/m
375	05/08/2015 12:05:31 PM	0.5540 V/m	0.5107 V/m	0.4787 V/m
376	05/08/2015 12:05:41 PM	0.5643 V/m	0.4962 V/m	0.4707 V/m
377	05/08/2015 12:05:51 PM	0.5560 V/m	0.4983 V/m	0.4724 V/m
378	05/08/2015 12:06:01 PM	0.5328 V/m	0.4979 V/m	0.4678 V/m

379	05/08/2015 12:06:11 PM	0.5744 V/m	0.5295 V/m	0.4753 V/m
380	05/08/2015 12:06:21 PM	0.5505 V/m	0.5136 V/m	0.4810 V/m
381	05/08/2015 12:06:31 PM	0.5643 V/m	0.5158 V/m	0.4844 V/m
382	05/08/2015 12:06:41 PM	0.5480 V/m	0.5166 V/m	0.4850 V/m
383	05/08/2015 12:06:51 PM	0.5530 V/m	0.5104 V/m	0.4810 V/m
384	05/08/2015 12:07:01 PM	0.5885 V/m	0.5246 V/m	0.4884 V/m
385	05/08/2015 12:07:11 PM	0.5272 V/m	0.5062 V/m	0.4827 V/m
386	05/08/2015 12:07:21 PM	0.5425 V/m	0.5115 V/m	0.4906 V/m
387	05/08/2015 12:07:31 PM	0.5599 V/m	0.5202 V/m	0.4759 V/m
388	05/08/2015 12:07:41 PM	0.5570 V/m	0.5123 V/m	0.4833 V/m
389	05/08/2015 12:07:51 PM	0.5570 V/m	0.5212 V/m	0.4956 V/m
390	05/08/2015 12:08:01 PM	0.5465 V/m	0.4975 V/m	0.4724 V/m
391	05/08/2015 12:08:11 PM	0.5430 V/m	0.5066 V/m	0.4782 V/m
392	05/08/2015 12:08:21 PM	0.5344 V/m	0.5034 V/m	0.4713 V/m
393	05/08/2015 12:08:31 PM	0.5410 V/m	0.5030 V/m	0.4741 V/m
394	05/08/2015 12:08:41 PM	0.5490 V/m	0.5090 V/m	0.4839 V/m
395	05/08/2015 12:08:51 PM	0.5420 V/m	0.5175 V/m	0.4906 V/m
396	05/08/2015 12:09:01 PM	0.5282 V/m	0.5080 V/m	0.4912 V/m
397	05/08/2015 12:09:11 PM	0.5400 V/m	0.5145 V/m	0.4978 V/m
398	05/08/2015 12:09:21 PM	0.6246 V/m	0.5672 V/m	0.5044 V/m
399	05/08/2015 12:09:31 PM	0.6246 V/m	0.5666 V/m	0.4928 V/m
400	05/08/2015 12:09:41 PM	0.6163 V/m	0.5840 V/m	0.5033 V/m
401	05/08/2015 12:09:51 PM	0.6064 V/m	0.5467 V/m	0.4872 V/m
402	05/08/2015 12:10:01 PM	0.5380 V/m	0.5115 V/m	0.4928 V/m
403	05/08/2015 12:10:11 PM	0.6185 V/m	0.5500 V/m	0.5000 V/m
404	05/08/2015 12:10:21 PM	0.5628 V/m	0.5256 V/m	0.5081 V/m
405	05/08/2015 12:10:31 PM	0.5768 V/m	0.5252 V/m	0.4878 V/m
406	05/08/2015 12:10:41 PM	0.5594 V/m	0.5082 V/m	0.4810 V/m
407	05/08/2015 12:10:51 PM	0.5410 V/m	0.5061 V/m	0.4805 V/m
408	05/08/2015 12:11:01 PM	0.5918 V/m	0.5536 V/m	0.4950 V/m
409	05/08/2015 12:11:11 PM	0.6483 V/m	0.5857 V/m	0.5445 V/m
410	05/08/2015 12:11:21 PM	0.6073 V/m	0.5824 V/m	0.5545 V/m
411	05/08/2015 12:11:31 PM	0.6091 V/m	0.5643 V/m	0.5204 V/m
412	05/08/2015 12:11:41 PM	0.6833 V/m	0.5957 V/m	0.5570 V/m
413	05/08/2015 12:11:51 PM	0.6158 V/m	0.5766 V/m	0.5380 V/m
414	05/08/2015 12:12:01 PM	0.6073 V/m	0.5704 V/m	0.5400 V/m
415	05/08/2015 12:12:11 PM	0.5954 V/m	0.5703 V/m	0.5359 V/m
416	05/08/2015 12:12:21 PM	0.6445 V/m	0.5775 V/m	0.5515 V/m
417	05/08/2015 12:12:31 PM	0.5843 V/m	0.5710 V/m	0.5475 V/m
418	05/08/2015 12:12:41 PM	0.6588 V/m	0.5825 V/m	0.5475 V/m
419	05/08/2015 12:12:51 PM	0.6255 V/m	0.5715 V/m	0.5480 V/m
420	05/08/2015 12:13:01 PM	0.6441 V/m	0.5870 V/m	0.5410 V/m
421	05/08/2015 12:13:11 PM	0.6316 V/m	0.5840 V/m	0.5672 V/m
422	05/08/2015 12:13:21 PM	0.6546 V/m	0.5935 V/m	0.5604 V/m
423	05/08/2015 12:13:31 PM	0.6037 V/m	0.5789 V/m	0.5589 V/m
424	05/08/2015 12:13:41 PM	0.6764 V/m	0.6046 V/m	0.5730 V/m
425	05/08/2015 12:13:51 PM	0.6255 V/m	0.5848 V/m	0.5390 V/m
426	05/08/2015 12:14:01 PM	0.6122 V/m	0.5837 V/m	0.5495 V/m
427	05/08/2015 12:14:11 PM	0.6189 V/m	0.5796 V/m	0.5545 V/m
428	05/08/2015 12:14:21 PM	0.6215 V/m	0.5929 V/m	0.5720 V/m
429	05/08/2015 12:14:31 PM	0.6087 V/m	0.5779 V/m	0.5570 V/m
430	05/08/2015 12:14:41 PM	0.6095 V/m	0.5767 V/m	0.5364 V/m
431	05/08/2015 12:14:51 PM	0.6198 V/m	0.5907 V/m	0.5560 V/m
432	05/08/2015 12:15:01 PM	0.6500 V/m	0.5989 V/m	0.5677 V/m
433	05/08/2015 12:15:11 PM	0.6559 V/m	0.5952 V/m	0.5530 V/m

434	05/08/2015 12:15:21 PM	0.6458 V/m	0.5927 V/m	0.5648 V/m
435	05/08/2015 12:15:31 PM	0.6972 V/m	0.6294 V/m	0.5672 V/m
436	05/08/2015 12:15:41 PM	0.6788 V/m	0.6371 V/m	0.5515 V/m
437	05/08/2015 12:15:51 PM	0.6303 V/m	0.5747 V/m	0.5266 V/m
438	05/08/2015 12:16:01 PM	0.6492 V/m	0.6087 V/m	0.5465 V/m
439	05/08/2015 12:16:11 PM	0.6242 V/m	0.5380 V/m	0.4917 V/m
440	05/08/2015 12:16:21 PM	0.5560 V/m	0.5263 V/m	0.4934 V/m
441	05/08/2015 12:16:31 PM	0.5677 V/m	0.5454 V/m	0.5193 V/m
442	05/08/2015 12:16:41 PM	0.6136 V/m	0.5489 V/m	0.5240 V/m
443	05/08/2015 12:16:51 PM	0.6398 V/m	0.5688 V/m	0.5198 V/m
444	05/08/2015 12:17:01 PM	0.6100 V/m	0.5690 V/m	0.5313 V/m
445	05/08/2015 12:17:11 PM	0.6131 V/m	0.5827 V/m	0.5520 V/m
446	05/08/2015 12:17:21 PM	0.5843 V/m	0.5481 V/m	0.4978 V/m
447	05/08/2015 12:17:31 PM	0.6041 V/m	0.5806 V/m	0.5589 V/m
448	05/08/2015 12:17:41 PM	0.5824 V/m	0.5494 V/m	0.5081 V/m
449	05/08/2015 12:17:51 PM	0.6180 V/m	0.5482 V/m	0.4889 V/m
450	05/08/2015 12:18:01 PM	0.5739 V/m	0.5376 V/m	0.5044 V/m
451	05/08/2015 12:18:11 PM	0.5941 V/m	0.5375 V/m	0.5065 V/m
452	05/08/2015 12:18:21 PM	0.6294 V/m	0.5625 V/m	0.5146 V/m
453	05/08/2015 12:18:31 PM	0.5867 V/m	0.5356 V/m	0.4972 V/m
454	05/08/2015 12:18:41 PM	0.5677 V/m	0.5335 V/m	0.5087 V/m
455	05/08/2015 12:18:51 PM	0.5520 V/m	0.5331 V/m	0.5103 V/m
456	05/08/2015 12:19:01 PM	0.5701 V/m	0.5382 V/m	0.5188 V/m
457	05/08/2015 12:19:11 PM	0.6109 V/m	0.5469 V/m	0.5000 V/m
458	05/08/2015 12:19:21 PM	0.6158 V/m	0.5357 V/m	0.5005 V/m
459	05/08/2015 12:19:31 PM	0.5354 V/m	0.5146 V/m	0.4939 V/m
460	05/08/2015 12:19:41 PM	0.5677 V/m	0.5284 V/m	0.5054 V/m
461	05/08/2015 12:19:51 PM	0.6046 V/m	0.5387 V/m	0.4967 V/m
462	05/08/2015 12:20:01 PM	0.5913 V/m	0.5552 V/m	0.5022 V/m
463	05/08/2015 12:20:11 PM	0.5848 V/m	0.5540 V/m	0.5272 V/m
464	05/08/2015 12:20:21 PM	0.6394 V/m	0.5562 V/m	0.5033 V/m
465	05/08/2015 12:20:31 PM	0.5853 V/m	0.5156 V/m	0.4827 V/m
466	05/08/2015 12:20:41 PM	0.5500 V/m	0.5138 V/m	0.4912 V/m
467	05/08/2015 12:20:51 PM	0.5515 V/m	0.5202 V/m	0.4895 V/m
468	05/08/2015 12:21:01 PM	0.5653 V/m	0.5233 V/m	0.4776 V/m
469	05/08/2015 12:21:11 PM	0.5579 V/m	0.5219 V/m	0.4889 V/m
470	05/08/2015 12:21:21 PM	0.5772 V/m	0.5132 V/m	0.4833 V/m
471	05/08/2015 12:21:31 PM	0.5579 V/m	0.5297 V/m	0.5049 V/m
472	05/08/2015 12:21:41 PM	0.5810 V/m	0.5413 V/m	0.5167 V/m
473	05/08/2015 12:21:51 PM	0.6077 V/m	0.5554 V/m	0.4939 V/m
474	05/08/2015 12:22:01 PM	0.5682 V/m	0.5257 V/m	0.4850 V/m
475	05/08/2015 12:22:11 PM	0.5395 V/m	0.5126 V/m	0.4861 V/m
476	05/08/2015 12:22:21 PM	0.5328 V/m	0.4990 V/m	0.4730 V/m
477	05/08/2015 12:22:31 PM	0.5594 V/m	0.5143 V/m	0.4923 V/m
478	05/08/2015 12:22:41 PM	0.6268 V/m	0.5555 V/m	0.5060 V/m
479	05/08/2015 12:22:51 PM	0.5968 V/m	0.5634 V/m	0.5199 V/m
480	05/08/2015 12:23:01 PM	0.5968 V/m	0.5472 V/m	0.5092 V/m
481	05/08/2015 12:23:11 PM	0.5945 V/m	0.5648 V/m	0.5167 V/m
482	05/08/2015 12:23:21 PM	0.5848 V/m	0.5250 V/m	0.4994 V/m
483	05/08/2015 12:23:31 PM	0.5628 V/m	0.5354 V/m	0.4917 V/m
484	05/08/2015 12:23:41 PM	0.6077 V/m	0.5421 V/m	0.5130 V/m
485	05/08/2015 12:23:51 PM	0.5638 V/m	0.5294 V/m	0.5071 V/m
486	05/08/2015 12:24:01 PM	0.5628 V/m	0.5308 V/m	0.5005 V/m
487	05/08/2015 12:24:11 PM	0.5730 V/m	0.5228 V/m	0.4923 V/m
488	05/08/2015 12:24:21 PM	0.6037 V/m	0.5332 V/m	0.4884 V/m

489	05/08/2015 12:24:31 PM	0.5871 V/m	0.5299 V/m	0.4956 V/m
490	05/08/2015 12:24:41 PM	0.5653 V/m	0.5212 V/m	0.4683 V/m
491	05/08/2015 12:24:51 PM	0.5936 V/m	0.5383 V/m	0.5011 V/m
492	05/08/2015 12:25:01 PM	0.5876 V/m	0.5335 V/m	0.5044 V/m
493	05/08/2015 12:25:11 PM	0.6087 V/m	0.5484 V/m	0.5103 V/m
494	05/08/2015 12:25:21 PM	0.6246 V/m	0.5529 V/m	0.5198 V/m
495	05/08/2015 12:25:31 PM	0.5982 V/m	0.5439 V/m	0.5103 V/m
496	05/08/2015 12:25:41 PM	0.5653 V/m	0.5360 V/m	0.5119 V/m
497	05/08/2015 12:25:51 PM	0.5653 V/m	0.5289 V/m	0.5114 V/m
498	05/08/2015 12:26:01 PM	0.5609 V/m	0.5304 V/m	0.5022 V/m
499	05/08/2015 12:26:11 PM	0.5941 V/m	0.5543 V/m	0.5130 V/m
500	05/08/2015 12:26:21 PM	0.5927 V/m	0.5516 V/m	0.5044 V/m
501	05/08/2015 12:26:31 PM	0.5791 V/m	0.5445 V/m	0.5135 V/m
502	05/08/2015 12:26:41 PM	0.6207 V/m	0.5757 V/m	0.5375 V/m
503	05/08/2015 12:26:51 PM	0.5791 V/m	0.5430 V/m	0.5119 V/m
504	05/08/2015 12:27:01 PM	0.5777 V/m	0.5436 V/m	0.5156 V/m
505	05/08/2015 12:27:11 PM	0.5706 V/m	0.5454 V/m	0.5188 V/m
506	05/08/2015 12:27:21 PM	0.5987 V/m	0.5649 V/m	0.5339 V/m
507	05/08/2015 12:27:31 PM	0.5936 V/m	0.5714 V/m	0.5530 V/m
508	05/08/2015 12:27:41 PM	0.5866 V/m	0.5604 V/m	0.5465 V/m
509	05/08/2015 12:27:51 PM	0.5768 V/m	0.5433 V/m	0.5081 V/m
510	05/08/2015 12:28:01 PM	0.5604 V/m	0.5368 V/m	0.5146 V/m
511	05/08/2015 12:28:11 PM	0.6359 V/m	0.5398 V/m	0.5027 V/m
512	05/08/2015 12:28:21 PM	0.6608 V/m	0.5480 V/m	0.5193 V/m
513	05/08/2015 12:28:31 PM	0.6259 V/m	0.5574 V/m	0.5193 V/m
514	05/08/2015 12:28:41 PM	0.6342 V/m	0.5820 V/m	0.5480 V/m
515	05/08/2015 12:28:51 PM	0.6154 V/m	0.5496 V/m	0.5282 V/m
516	05/08/2015 12:29:01 PM	0.6104 V/m	0.5571 V/m	0.5323 V/m
517	05/08/2015 12:29:11 PM	0.5749 V/m	0.5426 V/m	0.5140 V/m
518	05/08/2015 12:29:21 PM	0.6273 V/m	0.5705 V/m	0.5204 V/m
519	05/08/2015 12:29:31 PM	0.6189 V/m	0.5436 V/m	0.5092 V/m
520	05/08/2015 12:29:41 PM	0.5696 V/m	0.5363 V/m	0.5044 V/m
521	05/08/2015 12:29:51 PM	0.5657 V/m	0.5375 V/m	0.5092 V/m
522	05/08/2015 12:30:01 PM	0.6500 V/m	0.5857 V/m	0.5480 V/m
523	05/08/2015 12:30:11 PM	0.6059 V/m	0.5629 V/m	0.5049 V/m
524	05/08/2015 12:30:21 PM	0.6355 V/m	0.5561 V/m	0.5124 V/m
525	05/08/2015 12:30:31 PM	0.5753 V/m	0.5493 V/m	0.5172 V/m
526	05/08/2015 12:30:41 PM	0.6086 V/m	0.5520 V/m	0.5049 V/m
527	05/08/2015 12:30:51 PM	0.6268 V/m	0.5753 V/m	0.5130 V/m
528	05/08/2015 12:31:01 PM	0.6000 V/m	0.5483 V/m	0.5027 V/m
529	05/08/2015 12:31:11 PM	0.5815 V/m	0.5486 V/m	0.5114 V/m
530	05/08/2015 12:31:21 PM	0.5987 V/m	0.5526 V/m	0.5261 V/m
531	05/08/2015 12:31:31 PM	0.6095 V/m	0.5571 V/m	0.5240 V/m
532	05/08/2015 12:31:41 PM	0.6118 V/m	0.5468 V/m	0.5240 V/m
533	05/08/2015 12:31:51 PM	0.6189 V/m	0.5505 V/m	0.5081 V/m
534	05/08/2015 12:32:01 PM	0.5787 V/m	0.5435 V/m	0.5119 V/m
535	05/08/2015 12:32:11 PM	0.6171 V/m	0.5576 V/m	0.5209 V/m
536	05/08/2015 12:32:21 PM	0.5876 V/m	0.5422 V/m	0.5098 V/m
537	05/08/2015 12:32:31 PM	0.6242 V/m	0.5579 V/m	0.5209 V/m
538	05/08/2015 12:32:41 PM	0.5638 V/m	0.5344 V/m	0.5016 V/m
539	05/08/2015 12:32:51 PM	0.6073 V/m	0.5481 V/m	0.5167 V/m
540	05/08/2015 12:33:01 PM	0.5777 V/m	0.5502 V/m	0.5188 V/m
541	05/08/2015 12:33:11 PM	0.5894 V/m	0.5586 V/m	0.5256 V/m
542	05/08/2015 12:33:21 PM	0.6032 V/m	0.5687 V/m	0.5344 V/m
543	05/08/2015 12:33:31 PM	0.6312 V/m	0.5647 V/m	0.5146 V/m

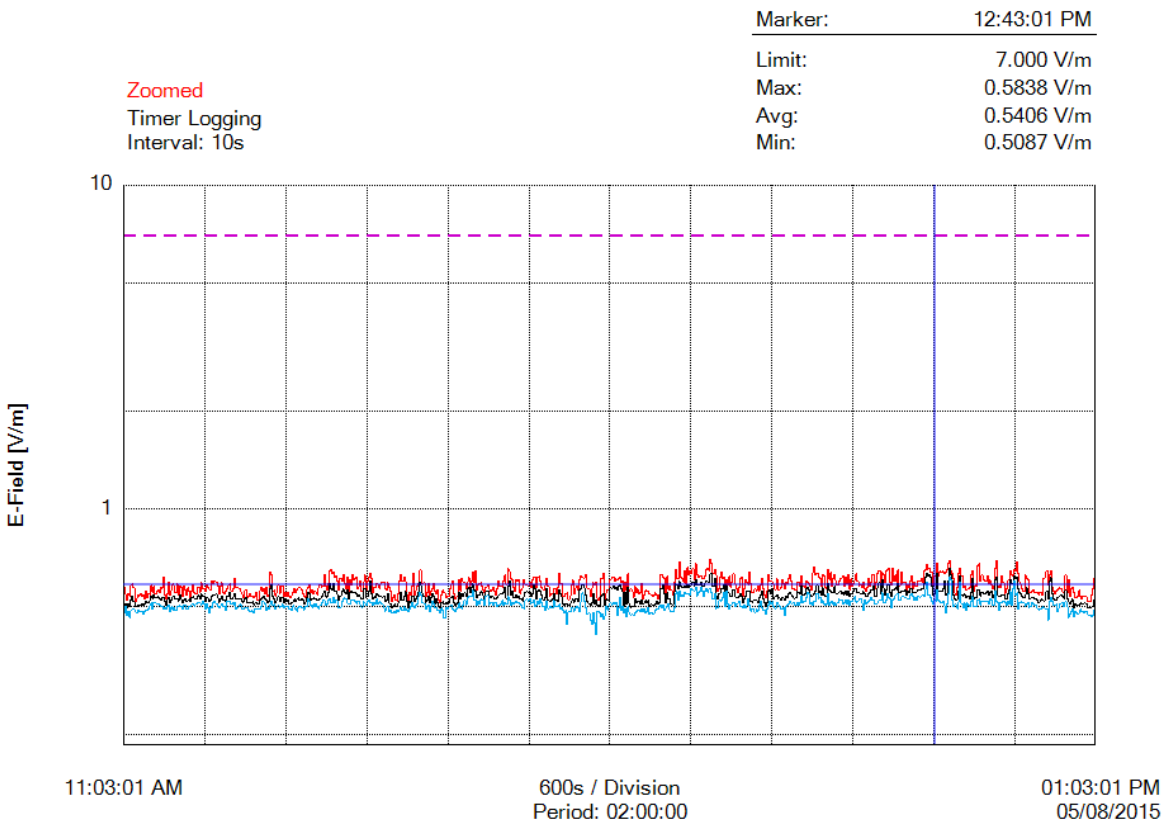
544	05/08/2015 12:33:41 PM	0.5968 V/m	0.5502 V/m	0.5199 V/m
545	05/08/2015 12:33:51 PM	0.5787 V/m	0.5506 V/m	0.5256 V/m
546	05/08/2015 12:34:01 PM	0.5824 V/m	0.5470 V/m	0.5266 V/m
547	05/08/2015 12:34:11 PM	0.5720 V/m	0.5452 V/m	0.5114 V/m
548	05/08/2015 12:34:21 PM	0.5922 V/m	0.5543 V/m	0.4861 V/m
549	05/08/2015 12:34:31 PM	0.5672 V/m	0.5466 V/m	0.5214 V/m
550	05/08/2015 12:34:41 PM	0.5584 V/m	0.5377 V/m	0.5065 V/m
551	05/08/2015 12:34:51 PM	0.5706 V/m	0.5351 V/m	0.5119 V/m
552	05/08/2015 12:35:01 PM	0.6100 V/m	0.5444 V/m	0.5183 V/m
553	05/08/2015 12:35:11 PM	0.5791 V/m	0.5518 V/m	0.5246 V/m
554	05/08/2015 12:35:21 PM	0.5936 V/m	0.5619 V/m	0.5339 V/m
555	05/08/2015 12:35:31 PM	0.6251 V/m	0.5616 V/m	0.5209 V/m
556	05/08/2015 12:35:41 PM	0.6255 V/m	0.5767 V/m	0.5225 V/m
557	05/08/2015 12:35:51 PM	0.5643 V/m	0.5375 V/m	0.5065 V/m
558	05/08/2015 12:36:01 PM	0.5945 V/m	0.5385 V/m	0.5087 V/m
559	05/08/2015 12:36:11 PM	0.6329 V/m	0.5698 V/m	0.5114 V/m
560	05/08/2015 12:36:21 PM	0.6449 V/m	0.5912 V/m	0.5209 V/m
561	05/08/2015 12:36:31 PM	0.5810 V/m	0.5470 V/m	0.5225 V/m
562	05/08/2015 12:36:41 PM	0.6355 V/m	0.6036 V/m	0.5495 V/m
563	05/08/2015 12:36:51 PM	0.6277 V/m	0.5698 V/m	0.5124 V/m
564	05/08/2015 12:37:01 PM	0.5918 V/m	0.5397 V/m	0.5108 V/m
565	05/08/2015 12:37:11 PM	0.6402 V/m	0.5620 V/m	0.5240 V/m
566	05/08/2015 12:37:21 PM	0.6475 V/m	0.5834 V/m	0.5455 V/m
567	05/08/2015 12:37:31 PM	0.6575 V/m	0.5820 V/m	0.5308 V/m
568	05/08/2015 12:37:41 PM	0.5918 V/m	0.5511 V/m	0.5267 V/m
569	05/08/2015 12:37:51 PM	0.5810 V/m	0.5378 V/m	0.4961 V/m
570	05/08/2015 12:38:01 PM	0.6538 V/m	0.5637 V/m	0.5235 V/m
571	05/08/2015 12:38:11 PM	0.5968 V/m	0.5633 V/m	0.5282 V/m
572	05/08/2015 12:38:21 PM	0.6237 V/m	0.5704 V/m	0.5400 V/m
573	05/08/2015 12:38:31 PM	0.5955 V/m	0.5633 V/m	0.5450 V/m
574	05/08/2015 12:38:41 PM	0.6479 V/m	0.5886 V/m	0.5480 V/m
575	05/08/2015 12:38:51 PM	0.5791 V/m	0.5513 V/m	0.5225 V/m
576	05/08/2015 12:39:01 PM	0.6377 V/m	0.5575 V/m	0.5334 V/m
577	05/08/2015 12:39:11 PM	0.5890 V/m	0.5557 V/m	0.5359 V/m
578	05/08/2015 12:39:21 PM	0.5941 V/m	0.5559 V/m	0.5344 V/m
579	05/08/2015 12:39:31 PM	0.5941 V/m	0.5640 V/m	0.5318 V/m
580	05/08/2015 12:39:41 PM	0.5599 V/m	0.5421 V/m	0.5298 V/m
581	05/08/2015 12:39:51 PM	0.5848 V/m	0.5546 V/m	0.5287 V/m
582	05/08/2015 12:40:01 PM	0.5734 V/m	0.5515 V/m	0.5267 V/m
583	05/08/2015 12:40:11 PM	0.5991 V/m	0.5672 V/m	0.5420 V/m
584	05/08/2015 12:40:21 PM	0.6220 V/m	0.5688 V/m	0.5470 V/m
585	05/08/2015 12:40:31 PM	0.5667 V/m	0.5500 V/m	0.5354 V/m
586	05/08/2015 12:40:41 PM	0.5950 V/m	0.5500 V/m	0.5209 V/m
587	05/08/2015 12:40:51 PM	0.5749 V/m	0.5512 V/m	0.5323 V/m
588	05/08/2015 12:41:01 PM	0.5768 V/m	0.5558 V/m	0.5220 V/m
589	05/08/2015 12:41:11 PM	0.5991 V/m	0.5628 V/m	0.5380 V/m
590	05/08/2015 12:41:21 PM	0.5959 V/m	0.5610 V/m	0.5334 V/m
591	05/08/2015 12:41:31 PM	0.6104 V/m	0.5662 V/m	0.5385 V/m
592	05/08/2015 12:41:41 PM	0.5922 V/m	0.5646 V/m	0.5425 V/m
593	05/08/2015 12:41:51 PM	0.6436 V/m	0.5880 V/m	0.5359 V/m
594	05/08/2015 12:42:01 PM	0.6500 V/m	0.6142 V/m	0.5638 V/m
595	05/08/2015 12:42:11 PM	0.6728 V/m	0.6311 V/m	0.5918 V/m
596	05/08/2015 12:42:21 PM	0.6517 V/m	0.6199 V/m	0.5430 V/m
597	05/08/2015 12:42:31 PM	0.6534 V/m	0.6256 V/m	0.5400 V/m
598	05/08/2015 12:42:41 PM	0.6372 V/m	0.6130 V/m	0.5329 V/m

599	05/08/2015 12:42:51 PM	0.6372 V/m	0.5767 V/m	0.5183 V/m
600	05/08/2015 12:43:01 PM	0.5838 V/m	0.5406 V/m	0.5087 V/m
601	05/08/2015 12:43:11 PM	0.6194 V/m	0.5473 V/m	0.5235 V/m
602	05/08/2015 12:43:21 PM	0.6180 V/m	0.5614 V/m	0.5198 V/m
603	05/08/2015 12:43:31 PM	0.6813 V/m	0.6362 V/m	0.5638 V/m
604	05/08/2015 12:43:41 PM	0.6180 V/m	0.5571 V/m	0.5214 V/m
605	05/08/2015 12:43:51 PM	0.6402 V/m	0.5558 V/m	0.5156 V/m
606	05/08/2015 12:44:01 PM	0.6347 V/m	0.5558 V/m	0.5108 V/m
607	05/08/2015 12:44:11 PM	0.6402 V/m	0.5647 V/m	0.5177 V/m
608	05/08/2015 12:44:21 PM	0.6316 V/m	0.5993 V/m	0.5033 V/m
609	05/08/2015 12:44:31 PM	0.6364 V/m	0.5429 V/m	0.4782 V/m
610	05/08/2015 12:44:41 PM	0.6462 V/m	0.5447 V/m	0.5081 V/m
611	05/08/2015 12:44:51 PM	0.6785 V/m	0.6005 V/m	0.5485 V/m
612	05/08/2015 12:45:01 PM	0.6901 V/m	0.6522 V/m	0.6149 V/m
613	05/08/2015 12:45:11 PM	0.6453 V/m	0.6260 V/m	0.6055 V/m
614	05/08/2015 12:45:21 PM	0.6325 V/m	0.5996 V/m	0.5240 V/m
615	05/08/2015 12:45:31 PM	0.6064 V/m	0.5423 V/m	0.4994 V/m
616	05/08/2015 12:45:41 PM	0.5485 V/m	0.5265 V/m	0.5065 V/m
617	05/08/2015 12:45:51 PM	0.5405 V/m	0.5205 V/m	0.5054 V/m
618	05/08/2015 12:46:01 PM	0.5720 V/m	0.5251 V/m	0.4917 V/m
619	05/08/2015 12:46:11 PM	0.6325 V/m	0.5566 V/m	0.5172 V/m
620	05/08/2015 12:46:21 PM	0.6559 V/m	0.6209 V/m	0.5950 V/m
621	05/08/2015 12:46:31 PM	0.6207 V/m	0.5428 V/m	0.5098 V/m
622	05/08/2015 12:46:41 PM	0.5696 V/m	0.5382 V/m	0.4945 V/m
623	05/08/2015 12:46:51 PM	0.5787 V/m	0.5444 V/m	0.5108 V/m
624	05/08/2015 12:47:01 PM	0.5628 V/m	0.5323 V/m	0.4856 V/m
625	05/08/2015 12:47:11 PM	0.5633 V/m	0.5389 V/m	0.5114 V/m
626	05/08/2015 12:47:21 PM	0.5652 V/m	0.5364 V/m	0.5033 V/m
627	05/08/2015 12:47:31 PM	0.5730 V/m	0.5261 V/m	0.5005 V/m
628	05/08/2015 12:47:41 PM	0.6233 V/m	0.5531 V/m	0.5161 V/m
629	05/08/2015 12:47:51 PM	0.6441 V/m	0.6088 V/m	0.5349 V/m
630	05/08/2015 12:48:01 PM	0.5555 V/m	0.5262 V/m	0.5000 V/m
631	05/08/2015 12:48:11 PM	0.5801 V/m	0.5325 V/m	0.4994 V/m
632	05/08/2015 12:48:21 PM	0.5763 V/m	0.5323 V/m	0.4983 V/m
633	05/08/2015 12:48:31 PM	0.6679 V/m	0.5639 V/m	0.5246 V/m
634	05/08/2015 12:48:41 PM	0.6780 V/m	0.5635 V/m	0.5251 V/m
635	05/08/2015 12:48:51 PM	0.5982 V/m	0.5383 V/m	0.5049 V/m
636	05/08/2015 12:49:01 PM	0.6251 V/m	0.5521 V/m	0.5177 V/m
637	05/08/2015 12:49:11 PM	0.6055 V/m	0.5454 V/m	0.5177 V/m
638	05/08/2015 12:49:21 PM	0.5987 V/m	0.5470 V/m	0.5156 V/m
639	05/08/2015 12:49:31 PM	0.5978 V/m	0.5500 V/m	0.5156 V/m
640	05/08/2015 12:49:41 PM	0.6224 V/m	0.5589 V/m	0.5198 V/m
641	05/08/2015 12:49:51 PM	0.5857 V/m	0.5412 V/m	0.5087 V/m
642	05/08/2015 12:50:01 PM	0.6009 V/m	0.5529 V/m	0.5282 V/m
643	05/08/2015 12:50:11 PM	0.5806 V/m	0.5543 V/m	0.5230 V/m
644	05/08/2015 12:50:21 PM	0.5691 V/m	0.5338 V/m	0.5054 V/m
645	05/08/2015 12:50:31 PM	0.5787 V/m	0.5433 V/m	0.5016 V/m
646	05/08/2015 12:50:41 PM	0.6542 V/m	0.6028 V/m	0.5579 V/m
647	05/08/2015 12:50:51 PM	0.6916 V/m	0.6154 V/m	0.5172 V/m
648	05/08/2015 12:51:01 PM	0.5725 V/m	0.5387 V/m	0.5114 V/m
649	05/08/2015 12:51:11 PM	0.5801 V/m	0.5368 V/m	0.4861 V/m
650	05/08/2015 12:51:21 PM	0.5715 V/m	0.5375 V/m	0.5140 V/m
651	05/08/2015 12:51:31 PM	0.6211 V/m	0.5421 V/m	0.5140 V/m
652	05/08/2015 12:51:41 PM	0.5927 V/m	0.5423 V/m	0.5199 V/m
653	05/08/2015 12:51:51 PM	0.5475 V/m	0.5289 V/m	0.5130 V/m

654	05/08/2015 12:52:01 PM	0.5657 V/m	0.5267 V/m	0.5022 V/m
655	05/08/2015 12:52:11 PM	0.6000 V/m	0.5471 V/m	0.5177 V/m
656	05/08/2015 12:52:21 PM	0.6014 V/m	0.5597 V/m	0.5097 V/m
657	05/08/2015 12:52:31 PM	0.6424 V/m	0.6037 V/m	0.5545 V/m
658	05/08/2015 12:52:41 PM	0.6264 V/m	0.5877 V/m	0.5060 V/m
659	05/08/2015 12:52:51 PM	0.6198 V/m	0.5881 V/m	0.5658 V/m
660	05/08/2015 12:53:01 PM	0.6470 V/m	0.6201 V/m	0.5987 V/m
661	05/08/2015 12:53:11 PM	0.6411 V/m	0.6069 V/m	0.5395 V/m
662	05/08/2015 12:53:21 PM	0.6865 V/m	0.6146 V/m	0.5495 V/m
663	05/08/2015 12:53:31 PM	0.6294 V/m	0.5654 V/m	0.4895 V/m
664	05/08/2015 12:53:41 PM	0.5941 V/m	0.5495 V/m	0.5140 V/m
665	05/08/2015 12:53:51 PM	0.5829 V/m	0.5442 V/m	0.5161 V/m
666	05/08/2015 12:54:01 PM	0.5667 V/m	0.5364 V/m	0.5124 V/m
667	05/08/2015 12:54:11 PM	0.5540 V/m	0.5318 V/m	0.5124 V/m
668	05/08/2015 12:54:21 PM	0.6233 V/m	0.5437 V/m	0.5011 V/m
669	05/08/2015 12:54:31 PM	0.6105 V/m	0.5698 V/m	0.5081 V/m
670	05/08/2015 12:54:41 PM	0.6041 V/m	0.5480 V/m	0.5151 V/m
671	05/08/2015 12:54:51 PM	0.5510 V/m	0.5258 V/m	0.4967 V/m
672	05/08/2015 12:55:01 PM	0.5495 V/m	0.5294 V/m	0.4994 V/m
673	05/08/2015 12:55:11 PM	0.5584 V/m	0.5319 V/m	0.5135 V/m
674	05/08/2015 12:55:21 PM	0.5609 V/m	0.5342 V/m	0.5092 V/m
675	05/08/2015 12:55:31 PM	0.5500 V/m	0.5256 V/m	0.5027 V/m
676	05/08/2015 12:55:41 PM	0.5530 V/m	0.5265 V/m	0.5054 V/m
677	05/08/2015 12:55:51 PM	0.5525 V/m	0.5230 V/m	0.4923 V/m
678	05/08/2015 12:56:01 PM	0.5435 V/m	0.5130 V/m	0.4878 V/m
679	05/08/2015 12:56:11 PM	0.5510 V/m	0.5158 V/m	0.4912 V/m
680	05/08/2015 12:56:21 PM	0.5505 V/m	0.5255 V/m	0.4906 V/m
681	05/08/2015 12:56:31 PM	0.5395 V/m	0.5210 V/m	0.4983 V/m
682	05/08/2015 12:56:41 PM	0.6100 V/m	0.5184 V/m	0.4945 V/m
683	05/08/2015 12:56:51 PM	0.6398 V/m	0.5524 V/m	0.4917 V/m
684	05/08/2015 12:57:01 PM	0.6428 V/m	0.5563 V/m	0.4900 V/m
685	05/08/2015 12:57:11 PM	0.5810 V/m	0.5252 V/m	0.4541 V/m
686	05/08/2015 12:57:21 PM	0.6238 V/m	0.5958 V/m	0.5162 V/m
687	05/08/2015 12:57:31 PM	0.6458 V/m	0.6121 V/m	0.5318 V/m
688	05/08/2015 12:57:41 PM	0.5729 V/m	0.5463 V/m	0.5193 V/m
689	05/08/2015 12:57:51 PM	0.5560 V/m	0.5273 V/m	0.5033 V/m
690	05/08/2015 12:58:01 PM	0.5485 V/m	0.5244 V/m	0.5033 V/m
691	05/08/2015 12:58:11 PM	0.5584 V/m	0.5242 V/m	0.5065 V/m
692	05/08/2015 12:58:21 PM	0.5638 V/m	0.5319 V/m	0.4799 V/m
693	05/08/2015 12:58:31 PM	0.5701 V/m	0.5353 V/m	0.4934 V/m
694	05/08/2015 12:58:41 PM	0.5648 V/m	0.5393 V/m	0.5087 V/m
695	05/08/2015 12:58:51 PM	0.5657 V/m	0.5430 V/m	0.5108 V/m
696	05/08/2015 12:59:01 PM	0.5535 V/m	0.5351 V/m	0.5114 V/m
697	05/08/2015 12:59:11 PM	0.5555 V/m	0.5293 V/m	0.4994 V/m
698	05/08/2015 12:59:21 PM	0.6251 V/m	0.5597 V/m	0.5156 V/m
699	05/08/2015 12:59:31 PM	0.5475 V/m	0.5284 V/m	0.4983 V/m
700	05/08/2015 12:59:41 PM	0.6060 V/m	0.5160 V/m	0.4619 V/m
701	05/08/2015 12:59:51 PM	0.5354 V/m	0.5088 V/m	0.4742 V/m
702	05/08/2015 01:00:01 PM	0.5682 V/m	0.5169 V/m	0.4816 V/m
703	05/08/2015 01:00:11 PM	0.5710 V/m	0.5252 V/m	0.4923 V/m
704	05/08/2015 01:00:21 PM	0.5505 V/m	0.4957 V/m	0.4660 V/m
705	05/08/2015 01:00:31 PM	0.5308 V/m	0.5066 V/m	0.4827 V/m
706	05/08/2015 01:00:41 PM	0.5334 V/m	0.5024 V/m	0.4770 V/m
707	05/08/2015 01:00:51 PM	0.5354 V/m	0.5040 V/m	0.4713 V/m
708	05/08/2015 01:01:01 PM	0.5594 V/m	0.5047 V/m	0.4753 V/m

709	05/08/2015 01:01:11 PM	0.5349 V/m	0.5114 V/m	0.4895 V/m
710	05/08/2015 01:01:21 PM	0.5277 V/m	0.5084 V/m	0.4805 V/m
711	05/08/2015 01:01:31 PM	0.5385 V/m	0.5077 V/m	0.4833 V/m
712	05/08/2015 01:01:41 PM	0.5349 V/m	0.5115 V/m	0.4759 V/m
713	05/08/2015 01:01:51 PM	0.5354 V/m	0.5105 V/m	0.4827 V/m
714	05/08/2015 01:02:01 PM	0.5199 V/m	0.4945 V/m	0.4718 V/m
715	05/08/2015 01:02:11 PM	0.5199 V/m	0.4951 V/m	0.4672 V/m
716	05/08/2015 01:02:21 PM	0.5156 V/m	0.4934 V/m	0.4701 V/m
717	05/08/2015 01:02:31 PM	0.5405 V/m	0.4971 V/m	0.4637 V/m
718	05/08/2015 01:02:41 PM	0.5648 V/m	0.4991 V/m	0.4689 V/m
719	05/08/2015 01:02:51 PM	0.6091 V/m	0.5231 V/m	0.4867 V/m
720	05/08/2015 01:03:01 PM	0.5834 V/m	0.5168 V/m	0.4850 V/m

Graph


Marker: 12:43:01 PM
Limit: 7.000 V/m
Max: 0.5838 V/m
Avg: 0.5406 V/m
Min: 0.5087 V/m
Zoomed
Timer Logging
Interval: 10s
10
1
E-Field [V/m]
11:03:01 AM
600s / Division
Period: 02:00:00
01:03:01 PM
05/08/2015

Parameters

Number of Sub Indices	720
Storing Date	05/08/2015
Storing Time	11:03:01 AM
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	-

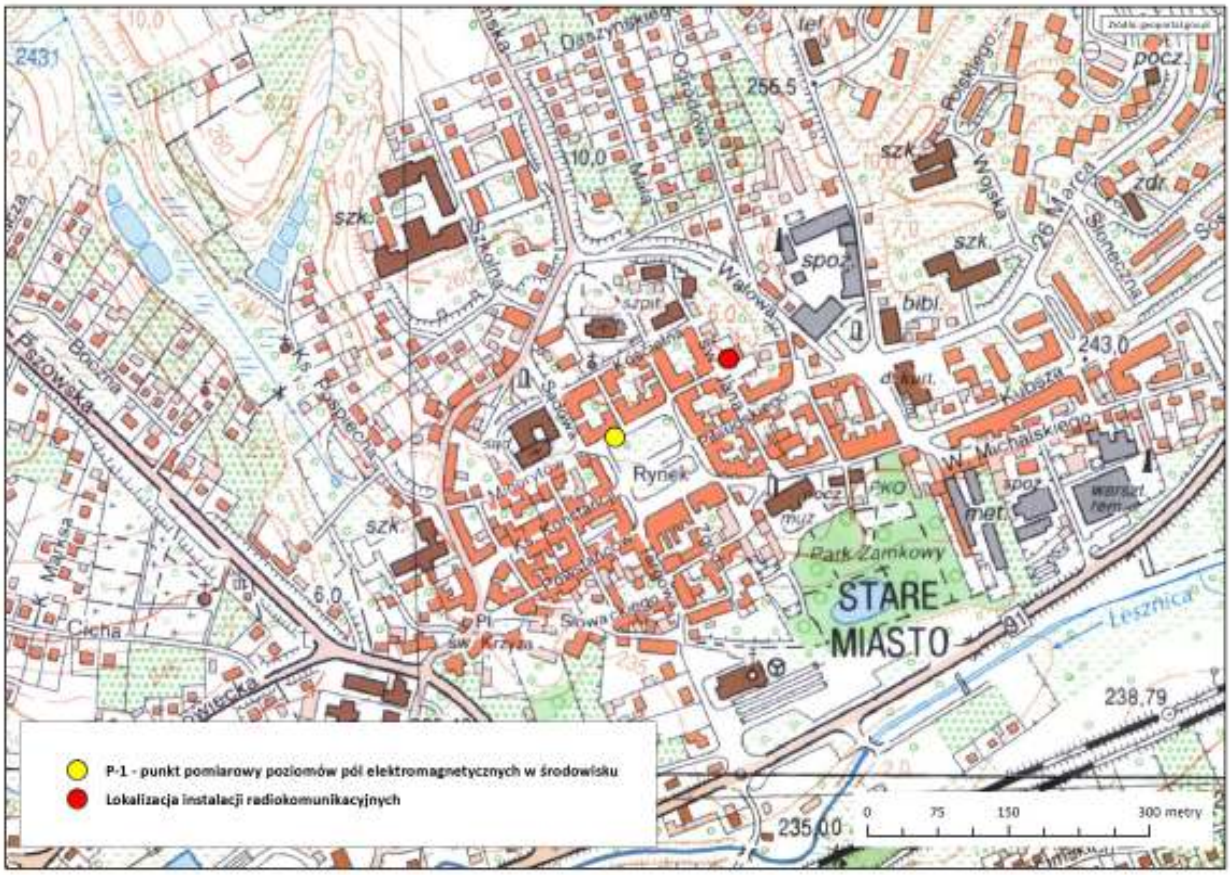
FOTOGRAFIE REJONU BADAŃ:

Fot. 1. Rejon badań, widok w kierunku południowo-wschodnim

Fot. 2. Rejon badań, widok w kierunku południowym

Fot. 3. Rejon badań, widok w kierunku północnym

Fot. 4. Urządzenie pomiarowe w trakcie prowadzonego badania



Ryc. Szkic sytuacyjny rejonu badań w miejscowości Wodzisław Śląski.