



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



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AB 480

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**SPRAWOZDANIE Z BADAŃ NR 1799/2015**

Nr sprawy: LC.7071.62.2018  
Porozumienie Nr: 1/2012

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

**Pomiary monitoringowe poziomów pól elektromagnetycznych  
w przedziale częstotliwości  
100 kHz – 3 GHz  
(składowej elektrycznej E)  
w środowisku,  
wykonane dnia 12 września 2018 r.  
na terenie zabudowy mieszkaniowej,  
w KATOWICACH  
- Osiedle Tysiąclecia,  
Katowice,  
Gmina Katowice (miejska)  
(województwo śląskie)**

Wyniki badań dotyczą tylko badanego obiektu.

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

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

Wykonujący badania:

<b>1. Agnieszka Turek – Specjalista</b>	--
<b>Osoba autoryzująca sprawozdanie:</b>	<b>Tomasz Danecki – Główny specjalista</b> <i>Pieczęć i podpis</i>
<b>Zatwierdził:</b>	<i>Pieczęć i podpis</i>

## 1. PODSTAWA BADAŃ

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

## 2. CEL BADAŃ

Celem badań jest określenie poziomów pól elektromagnetycznych w przedziale częstotliwości 100 kHz – 3 GHz (składowej elektrycznej E) w środowisku, w miejscach dostępnych dla ludności, na terenie obszaru zabudowy mieszkaniowej wielorodzinnej, położonej na Osiedlu Tysiąclecia, w Katowicach, w rozumieniu wytycznych Rozporządzenia Ministra Środowiska z dnia 12 listopada 2007 r. (Dz. U. Nr 221, Poz. 1645), w trybie realizacji zadania ustawowego organu Inspekcji Ochrony Środowiska pn. Państwowy Monitoring Środowiska (PMS), w myśl art. 123 Ustawy z dnia 27 kwietnia 2001 r. Prawo Ochrony Środowiska (tekst jednolity Dz. U. 2018, Poz. 799, z późn. zm.) oraz art. 23 ust. 3 pkt 1 Ustawy z dnia 20 lipca 1991 r. o Inspekcji Ochrony Środowiska (Dz. U. 2016, Poz. 1688, z późn. zm.), w obszarze województwa śląskiego, 2018 rok.

## 3. ORGANIZACJA BADAŃ

Program Państwowego Monitoringu Środowiska na lata 2016 - 2020, aut. Departamentu Monitoringu i Informacji o Środowisku Głównego Inspektoratu Ochrony Środowiska, wyd. GIOŚ w Warszawie, Warszawa, 2015;

Podsystem Monitoringu Pól Elektromagnetycznych w środowisku, w myśl art. 123 Ustawy z dnia 27 kwietnia 2001 r. Prawo Ochrony Środowiska (tekst jednolity Dz. U. 2018, Poz. 799, z późn. zm.) oraz art. 23 ust. 3 pkt 1 Ustawy z dnia 20 lipca 1991 r. o Inspekcji Ochrony Środowiska (Dz. U. 2016, Poz. 1688, z późn. zm.), w latach 2016 - 2020, w obszarze województwa śląskiego.

## 4. TEREN BADAŃ

Punkt pomiarowy P-2 poziomów pól elektromagnetycznych w środowisku zlokalizowano w granicach administracyjnych miasta Katowice, na Osiedlu Tysiąclecia przy ul. Bolesława Chrobrego. Wysokość posadowienia sondy pomiarowej wyniosła h: 2 m n.p.t. W sąsiedztwie punktu pomiarowego zagospodarowanie terenu stanowi: obiekt handlowo-usługowy wraz z parkingiem, budynek szkoły oraz w dalszej odległości wielokondygnacyjna zabudowa mieszkaniowa wielorodzinna. Najbliższa zabudowa mieszkaniowa, znajduje się w kierunku wschodnim w odległości 107 m od punktu pomiarowego. Najbliższy obiekt budowlany – dyskont spożywczy LIDL, oddalony jest od punktu pomiarowego P-2 o 44 m w kierunku wschodnim, nieco dalej - w kierunku północno - zachodnim, w odległości 55 m, znajduje się dwukondygnacyjny budynek szkoły.

W promieniu  $d \leq 300$  m od punktu pomiarowego nie znajdują się żadne instalacje radiokomunikacyjne, radiolokacyjne, radionawigacyjne, emitujące pola elektromagnetyczne do środowiska.

Klasyfikacja rodzaju terenu wg wytycznych przedmiotowego Rozporządzenia:

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

Nomenklatura jednostki terytorialnej (KTS):

Katowice 10012414869011

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

*N 50°16'45.7"*

*E 18°58'23.0"*;

Wysokość lokalizacji punktu pomiarowego:

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

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

*l = 107 [m] - od elewacji budynku mieszkalnego wielorodzinnego.*

Lokalizacja punktu pomiarowego – pas zieleni pomiędzy ul. Bolesława Chrobrego a parkingiem samochodowym przy dyskoncie LIDL.

## 5. 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).

## 6. WYPOSAŻENIE POMIAROWE

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

Pomiarów warunków meteorologicznych dokonano przy pomocy automatycznej stacji pogodowej KESTREL 5500, Nielsen - Kellerman Co., USA;

Oznaczenia pozycji geograficznych lokalizacji pionów pomiarowych pól elektromagnetycznych w środowisku dokonano z zastosowaniem przyrządu nawigacji satelitarnej GPS, typu GPSmap 76 Garmin InT. Inc. USA, P/549, nr seryjny 80517206;

Szczegółowe dane identyfikacyjne przyrządów przedstawiono w tabeli poniżej

**Tabela 1**

Pomiary poziomów pól elektromagnetycznych częstotliwości 100 kHz – 3 GHz (składowej elektrycznej) w środowisku		Pomiary warunków meteorologicznych w środowisku	
Przyrząd pomiarowy	Typ: Broadband Field Meter NBM-550 P/N: 2401/01 S/N: B-0507	Przyrząd pomiarowy	Typ: KESTREL 5500 s. no.: 2131640 Producent: Nielsen - Kellerman Co., USA

Sonda pomiarowa	Producent: Narda Safety Test Solutions GmbH, Niemcy; Typ: EF0391, <i>E-Field</i> P/N: 2402/01 S/N: A-0636 Producent: j.w. Zakres: 100 kHz – 3 GHz Charakterystyka częstotliwościowa czułości: +/- 1 dB (1MHz – 1 GHz) +/- 1,25dB (1GHz – 2,45 GHz)		
Data i czasokres pomiarów	12-09-2018 r.	Wyniki pomiarów:	
	10:41:31–12:41:31	T [°C]	16,0 – 17,4
		RH [ % ]	61,7 – 65,5
Częstotliwość próbkowania	f: 10 sec.	UWAGI: Pogodnie; Brak opadów atmosferycznych	

Gdzie:

- T – temperatura powietrza w [°C];  
 RH – wilgotność względna powietrza w [ % ].

Stosowane przyrządy pomiarowe posiadają wymagane świadectwa obsługi metrologicznej:

- Narda Broadband Field Meter NBM-550, P/N 2401/01, S/N B-0507, wraz z sondami pola - Probe EF0391, *E-Field*, P/N 2402/01, S/N A-0636, Probe EF6091, *E-Field*, P/N 2402/04, S/N 01066;

- Świadectwo Wzorcowania nr: LWiMP/W/154/18 z dnia 03 lipca 2018 r., wydane przez Laboratorium Wzorców i Metrologii Pola Elektromagnetycznego (LWiMP) Instytutu Telekomunikacji, Teleinformatyki i Akustyki, Politechniki Wrocławskiej (AP 078);

- Tester miernika i sond pola elektromagnetycznego, UTEST-7, Nr 04/11:

- Świadectwo Pomiaru nr: LWiMP/P/051/18 z dnia 03 lipca 2018 r., wydane przez Laboratorium Wzorców i Metrologii Pola Elektromagnetycznego (LWiMP) Instytutu Telekomunikacji, Teleinformatyki i Akustyki, Politechniki Wrocławskiej (AP 078);

- Automatyczna stacja pogodowa KESTREL 5500, Nielsen - Kellerman Co., USA, s. no. 2131640:

Świadectwa wzorcowania nr:

- 57346/2018 z dnia 10 września 2018 r. - barometr,
- 57331/2018 z dnia 10 września 2018 r. - termohigrometr,
- 57312/2018 z dnia 10 września 2018 r. - anemometr skrzydełkowy,

wydane przez Laboratorium Wilgotności, Temperatury i Ciśnienia LAB-EL (AP 067), ul. Herbaciana 9, 05 – 816 Reguły;



- Przymiar wstępowy końcowo - kreskowy, długości nominalnej 30m, prod. *Richter*, oznaczony numerem 6/14 – *Świadectwo Wzorcowania nr: 1067.1-M11-4180-450/14*, wydane przez Główny Urząd Miar, Zakład Długości i Kąta w Warszawie, Warszawa, dnia 29 kwietnia 2014 r.;
- Dalmierz laserowy, typ *Leica Disto D3a*, S/N 804530034 - *Świadectwo Wzorcowania nr: 1832.1-M11-4180-669/15* wydane przez Główny Urząd Miar, Zakład Długości i Kąta w Warszawie, Warszawa, dnia 12 maja 2015 r.;

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.

**7. INFORMACJE NA TEMAT INSTALACJI  
RADIOKOMUNIKACYJNYCH, RADIOLOKACYJNYCH, RADIONAWIGACYJNYCH  
REJONU BADAŃ PÓL ELEKTROMAGNETYCZNYCH \*)  
(\* - w rozumieniu wymagań przedmiotowego Rozporządzenia)**

Nie dotyczy. W promieniu  $d \leq 300$  m od P-2, nie są zlokalizowane żadne instalacje radiokomunikacyjne, radiolokacyjne, radionawigacyjne, emitujące pola elektromagnetyczne do środowiska.

## 8. WYNIKI BADAŃ

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

**Tabela 2**

Lp.	Punkt pomiarowy poziomów pól elektromagnetycznych w środowisku	Natężenie pola elektrycznego E **) [V/m]	Niepewność pomiaru U <sub>E 0,95</sub> [V/m]
1.	P-2 ul. B. Chrobrego Osiedle Tysiąclecia Miasto – Katowice	0,54	± 0,14

*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.

## 9. ZAŁĄCZNIKI

1. *Raport pomiarowy*

- w postaci elektronicznej, zarchiwizowany w siedzibie Laboratorium WIOŚ w Katowicach;

2. *Fotografie rejonu badań, szt. 4;*

3. *Szkic sytuacyjny rejonu badań.*

*KONIEC SPRAWOZDANIA*

Instrument / Site

Meter	Probe	
Model: NBM-550	Model: EF0391	
S/N: B-0507	S/N: A-0636	
Calibration Due Date 05/15/2020	Calibration Due Date 05/16/2020	

Site	Coordinates
P-2, ul. B. Chrobrego Katowice, Gmina Katowice (miejska), Powiat Katowice (miejski) (województwo śląskie)	Latitude: 50°16'45.7" N Longitude: 18°58'23.0" E

Comment
Pomiary poziomów pól elektromagnetycznych 100 kHz - 3 GHz (składowej elektrycznej E) w środowisku; 12.09.2018 r., Katowice, Gmina Katowice (miejska) (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: 02.00 h, w środowisku, Program Państwowego Monitoringu Środowiska 2018 rok.

Measured Values

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Index	Date/Time	Zero	Max (E-Field)	Avg (E-Field)	Min (E-Field)
1	09/12/2018 10:41:41 AM		0.8587 V/m	0.6494 V/m	0.4218 V/m
2	09/12/2018 10:41:51 AM		0.6766 V/m	0.6112 V/m	0.5669 V/m
3	09/12/2018 10:42:01 AM		0.6647 V/m	0.5756 V/m	0.5466 V/m
4	09/12/2018 10:42:11 AM		0.6836 V/m	0.5692 V/m	0.4544 V/m
5	09/12/2018 10:42:21 AM		0.5712 V/m	0.5383 V/m	0.5043 V/m
6	09/12/2018 10:42:31 AM		0.5703 V/m	0.5300 V/m	0.5081 V/m
7	09/12/2018 10:42:41 AM		0.5669 V/m	0.5367 V/m	0.5054 V/m
8	09/12/2018 10:42:51 AM		0.5756 V/m	0.5389 V/m	0.4955 V/m
9	09/12/2018 10:43:01 AM		0.5789 V/m	0.5403 V/m	0.5070 V/m
10	09/12/2018 10:43:11 AM		0.5855 V/m	0.5381 V/m	0.5156 V/m
11	09/12/2018 10:43:21 AM		0.5841 V/m	0.5455 V/m	0.5124 V/m
12	09/12/2018 10:43:31 AM		0.7313 V/m	0.5972 V/m	0.5293 V/m
13	09/12/2018 10:43:41 AM		0.6411 V/m	0.5778 V/m	0.5198 V/m
14	09/12/2018 10:43:51 AM		0.7076 V/m	0.5999 V/m	0.5350 V/m
15	09/12/2018 10:44:01 AM		0.7134 V/m	0.5572 V/m	0.5188 V/m
16	09/12/2018 10:44:11 AM		0.5712 V/m	0.5391 V/m	0.5081 V/m
17	09/12/2018 10:44:21 AM		0.5860 V/m	0.5452 V/m	0.5172 V/m
18	09/12/2018 10:44:31 AM		0.6094 V/m	0.5527 V/m	0.5188 V/m
19	09/12/2018 10:44:41 AM		0.6733 V/m	0.5528 V/m	0.5010 V/m
20	09/12/2018 10:44:51 AM		0.7149 V/m	0.6261 V/m	0.5188 V/m
21	09/12/2018 10:45:01 AM		0.6622 V/m	0.5501 V/m	0.5167 V/m
22	09/12/2018 10:45:11 AM		0.6749 V/m	0.5521 V/m	0.5075 V/m
23	09/12/2018 10:45:21 AM		0.7021 V/m	0.5993 V/m	0.5267 V/m
24	09/12/2018 10:45:31 AM		0.6530 V/m	0.5384 V/m	0.4994 V/m
25	09/12/2018 10:45:41 AM		0.6634 V/m	0.5665 V/m	0.5246 V/m
26	09/12/2018 10:45:51 AM		0.5808 V/m	0.5532 V/m	0.5140 V/m
27	09/12/2018 10:46:01 AM		0.7153 V/m	0.5913 V/m	0.5124 V/m
28	09/12/2018 10:46:11 AM		0.6934 V/m	0.5577 V/m	0.5054 V/m
29	09/12/2018 10:46:21 AM		0.6022 V/m	0.5621 V/m	0.5262 V/m
30	09/12/2018 10:46:31 AM		0.5976 V/m	0.5496 V/m	0.5102 V/m
31	09/12/2018 10:46:41 AM		0.5892 V/m	0.5528 V/m	0.5256 V/m
32	09/12/2018 10:46:51 AM		0.5985 V/m	0.5529 V/m	0.5235 V/m
33	09/12/2018 10:47:01 AM		0.6012 V/m	0.5572 V/m	0.5151 V/m
34	09/12/2018 10:47:11 AM		0.6121 V/m	0.5666 V/m	0.5262 V/m
35	09/12/2018 10:47:21 AM		0.6307 V/m	0.5520 V/m	0.4966 V/m
36	09/12/2018 10:47:31 AM		0.6496 V/m	0.5594 V/m	0.5308 V/m
37	09/12/2018 10:47:41 AM		0.5902 V/m	0.5476 V/m	0.5214 V/m
38	09/12/2018 10:47:51 AM		0.7029 V/m	0.6165 V/m	0.5334 V/m
39	09/12/2018 10:48:01 AM		0.7291 V/m	0.6226 V/m	0.5703 V/m
40	09/12/2018 10:48:11 AM		0.7294 V/m	0.5788 V/m	0.5037 V/m
41	09/12/2018 10:48:21 AM		0.6368 V/m	0.5600 V/m	0.5177 V/m
42	09/12/2018 10:48:31 AM		0.7045 V/m	0.5920 V/m	0.5375 V/m
43	09/12/2018 10:48:41 AM		0.6333 V/m	0.5828 V/m	0.5431 V/m
44	09/12/2018 10:48:51 AM		0.6479 V/m	0.5836 V/m	0.5596 V/m
45	09/12/2018 10:49:01 AM		0.7049 V/m	0.6318 V/m	0.5591 V/m
46	09/12/2018 10:49:11 AM		0.8014 V/m	0.6436 V/m	0.5334 V/m
47	09/12/2018 10:49:21 AM		0.7153 V/m	0.6300 V/m	0.5431 V/m
48	09/12/2018 10:49:31 AM		0.7237 V/m	0.6377 V/m	0.5461 V/m
49	09/12/2018 10:49:41 AM		0.6954 V/m	0.6210 V/m	0.5431 V/m
50	09/12/2018 10:49:51 AM		0.6725 V/m	0.5950 V/m	0.5209 V/m
51	09/12/2018 10:50:01 AM		0.5897 V/m	0.5442 V/m	0.5070 V/m
52	09/12/2018 10:50:11 AM		0.6063 V/m	0.5682 V/m	0.5431 V/m
53	09/12/2018 10:50:21 AM		0.5869 V/m	0.5536 V/m	0.5092 V/m
54	09/12/2018 10:50:31 AM		0.6233 V/m	0.5548 V/m	0.5097 V/m
55	09/12/2018 10:50:41 AM		0.5850 V/m	0.5472 V/m	0.5054 V/m
56	09/12/2018 10:50:51 AM		0.6576 V/m	0.5778 V/m	0.5267 V/m
57	09/12/2018 10:51:01 AM		0.7268 V/m	0.6109 V/m	0.5380 V/m
58	09/12/2018 10:51:11 AM		0.6031 V/m	0.5609 V/m	0.5293 V/m

59	09/12/2018 10:51:21 AM	0.6351 V/m	0.5554 V/m	0.5204 V/m
60	09/12/2018 10:51:31 AM	0.5649 V/m	0.5389 V/m	0.5102 V/m
61	09/12/2018 10:51:41 AM	0.6895 V/m	0.5537 V/m	0.5225 V/m
62	09/12/2018 10:51:51 AM	0.5999 V/m	0.5597 V/m	0.5246 V/m
63	09/12/2018 10:52:01 AM	0.6126 V/m	0.5556 V/m	0.5293 V/m
64	09/12/2018 10:52:11 AM	0.5741 V/m	0.5530 V/m	0.5370 V/m
65	09/12/2018 10:52:21 AM	0.6233 V/m	0.5551 V/m	0.5303 V/m
66	09/12/2018 10:52:31 AM	0.6411 V/m	0.5587 V/m	0.5092 V/m
67	09/12/2018 10:52:41 AM	0.6320 V/m	0.5501 V/m	0.5230 V/m
68	09/12/2018 10:52:51 AM	0.6915 V/m	0.5554 V/m	0.5256 V/m
69	09/12/2018 10:53:01 AM	0.7157 V/m	0.5907 V/m	0.5220 V/m
70	09/12/2018 10:53:11 AM	0.6875 V/m	0.5800 V/m	0.5230 V/m
71	09/12/2018 10:53:21 AM	0.6522 V/m	0.5538 V/m	0.5145 V/m
72	09/12/2018 10:53:31 AM	0.6950 V/m	0.5618 V/m	0.5097 V/m
73	09/12/2018 10:53:41 AM	0.6467 V/m	0.5495 V/m	0.5161 V/m
74	09/12/2018 10:53:51 AM	0.6157 V/m	0.5460 V/m	0.5235 V/m
75	09/12/2018 10:54:01 AM	0.6445 V/m	0.5493 V/m	0.5198 V/m
76	09/12/2018 10:54:11 AM	0.5615 V/m	0.5361 V/m	0.5021 V/m
77	09/12/2018 10:54:21 AM	0.5727 V/m	0.5501 V/m	0.5043 V/m
78	09/12/2018 10:54:31 AM	0.5581 V/m	0.5348 V/m	0.5151 V/m
79	09/12/2018 10:54:41 AM	0.5741 V/m	0.5448 V/m	0.5161 V/m
80	09/12/2018 10:54:51 AM	0.5779 V/m	0.5458 V/m	0.5277 V/m
81	09/12/2018 10:55:01 AM	0.5948 V/m	0.5445 V/m	0.5214 V/m
82	09/12/2018 10:55:11 AM	0.5654 V/m	0.5371 V/m	0.5129 V/m
83	09/12/2018 10:55:21 AM	0.5635 V/m	0.5369 V/m	0.5225 V/m
84	09/12/2018 10:55:31 AM	0.5605 V/m	0.5423 V/m	0.5172 V/m
85	09/12/2018 10:55:41 AM	0.5756 V/m	0.5441 V/m	0.5246 V/m
86	09/12/2018 10:55:51 AM	0.5591 V/m	0.5387 V/m	0.5161 V/m
87	09/12/2018 10:56:01 AM	0.5911 V/m	0.5557 V/m	0.5360 V/m
88	09/12/2018 10:56:11 AM	0.7122 V/m	0.6071 V/m	0.5370 V/m
89	09/12/2018 10:56:21 AM	0.5784 V/m	0.5510 V/m	0.5272 V/m
90	09/12/2018 10:56:31 AM	0.6040 V/m	0.5500 V/m	0.5303 V/m
91	09/12/2018 10:56:41 AM	0.6035 V/m	0.5542 V/m	0.5241 V/m
92	09/12/2018 10:56:51 AM	0.5831 V/m	0.5600 V/m	0.5375 V/m
93	09/12/2018 10:57:01 AM	0.5789 V/m	0.5574 V/m	0.5355 V/m
94	09/12/2018 10:57:11 AM	0.5836 V/m	0.5489 V/m	0.5267 V/m
95	09/12/2018 10:57:21 AM	0.6053 V/m	0.5653 V/m	0.5380 V/m
96	09/12/2018 10:57:31 AM	0.5999 V/m	0.5756 V/m	0.5385 V/m
97	09/12/2018 10:57:41 AM	0.5953 V/m	0.5671 V/m	0.5446 V/m
98	09/12/2018 10:57:51 AM	0.5916 V/m	0.5623 V/m	0.5350 V/m
99	09/12/2018 10:58:01 AM	0.6184 V/m	0.5759 V/m	0.5477 V/m
100	09/12/2018 10:58:11 AM	0.5939 V/m	0.5601 V/m	0.5370 V/m
101	09/12/2018 10:58:21 AM	0.5784 V/m	0.5534 V/m	0.5350 V/m
102	09/12/2018 10:58:31 AM	0.6026 V/m	0.5636 V/m	0.5235 V/m
103	09/12/2018 10:58:41 AM	0.6250 V/m	0.5510 V/m	0.5256 V/m
104	09/12/2018 10:58:51 AM	0.5855 V/m	0.5515 V/m	0.5230 V/m
105	09/12/2018 10:59:01 AM	0.5911 V/m	0.5611 V/m	0.5401 V/m
106	09/12/2018 10:59:11 AM	0.6081 V/m	0.5684 V/m	0.5487 V/m
107	09/12/2018 10:59:21 AM	0.5934 V/m	0.5637 V/m	0.5360 V/m
108	09/12/2018 10:59:31 AM	0.6085 V/m	0.5671 V/m	0.5411 V/m
109	09/12/2018 10:59:41 AM	0.6072 V/m	0.5702 V/m	0.5324 V/m
110	09/12/2018 10:59:51 AM	0.6500 V/m	0.5884 V/m	0.5385 V/m
111	09/12/2018 11:00:01 AM	0.5869 V/m	0.5657 V/m	0.5385 V/m
112	09/12/2018 11:00:11 AM	0.5999 V/m	0.5707 V/m	0.5487 V/m
113	09/12/2018 11:00:21 AM	0.6054 V/m	0.5771 V/m	0.5531 V/m
114	09/12/2018 11:00:31 AM	0.5888 V/m	0.5649 V/m	0.5355 V/m
115	09/12/2018 11:00:41 AM	0.6054 V/m	0.5655 V/m	0.5431 V/m
116	09/12/2018 11:00:51 AM	0.5902 V/m	0.5596 V/m	0.5365 V/m
117	09/12/2018 11:01:01 AM	0.6705 V/m	0.5739 V/m	0.5401 V/m
118	09/12/2018 11:01:11 AM	0.5990 V/m	0.5723 V/m	0.5451 V/m
119	09/12/2018 11:01:21 AM	0.5841 V/m	0.5569 V/m	0.5167 V/m
120	09/12/2018 11:01:31 AM	0.5906 V/m	0.5694 V/m	0.5526 V/m
121	09/12/2018 11:01:41 AM	0.5967 V/m	0.5614 V/m	0.5411 V/m

122	09/12/2018 11:01:51 AM	0.6970 V/m	0.5653 V/m	0.5350 V/m
123	09/12/2018 11:02:01 AM	0.6420 V/m	0.5714 V/m	0.5477 V/m
124	09/12/2018 11:02:11 AM	0.6085 V/m	0.5727 V/m	0.5467 V/m
125	09/12/2018 11:02:21 AM	0.6329 V/m	0.5793 V/m	0.5507 V/m
126	09/12/2018 11:02:31 AM	0.6272 V/m	0.5832 V/m	0.5492 V/m
127	09/12/2018 11:02:41 AM	0.6454 V/m	0.5772 V/m	0.5466 V/m
128	09/12/2018 11:02:51 AM	0.6058 V/m	0.5821 V/m	0.5541 V/m
129	09/12/2018 11:03:01 AM	0.6144 V/m	0.5730 V/m	0.5293 V/m
130	09/12/2018 11:03:11 AM	0.6513 V/m	0.5629 V/m	0.5262 V/m
131	09/12/2018 11:03:21 AM	0.6333 V/m	0.5736 V/m	0.5451 V/m
132	09/12/2018 11:03:31 AM	0.5930 V/m	0.5593 V/m	0.5380 V/m
133	09/12/2018 11:03:41 AM	0.6402 V/m	0.5728 V/m	0.5416 V/m
134	09/12/2018 11:03:51 AM	0.6148 V/m	0.5530 V/m	0.5113 V/m
135	09/12/2018 11:04:01 AM	0.6281 V/m	0.5632 V/m	0.5411 V/m
136	09/12/2018 11:04:11 AM	0.6076 V/m	0.5656 V/m	0.5365 V/m
137	09/12/2018 11:04:21 AM	0.6867 V/m	0.5840 V/m	0.5517 V/m
138	09/12/2018 11:04:31 AM	0.6166 V/m	0.5767 V/m	0.5536 V/m
139	09/12/2018 11:04:41 AM	0.6458 V/m	0.5736 V/m	0.5416 V/m
140	09/12/2018 11:04:51 AM	0.6303 V/m	0.5734 V/m	0.5396 V/m
141	09/12/2018 11:05:01 AM	0.5930 V/m	0.5556 V/m	0.5288 V/m
142	09/12/2018 11:05:11 AM	0.5883 V/m	0.5638 V/m	0.5391 V/m
143	09/12/2018 11:05:21 AM	0.6054 V/m	0.5694 V/m	0.5426 V/m
144	09/12/2018 11:05:31 AM	0.5985 V/m	0.5620 V/m	0.5401 V/m
145	09/12/2018 11:05:41 AM	0.6250 V/m	0.5701 V/m	0.5487 V/m
146	09/12/2018 11:05:51 AM	0.6585 V/m	0.5902 V/m	0.5620 V/m
147	09/12/2018 11:06:01 AM	0.6139 V/m	0.5764 V/m	0.5421 V/m
148	09/12/2018 11:06:11 AM	0.6639 V/m	0.5882 V/m	0.5487 V/m
149	09/12/2018 11:06:21 AM	0.6935 V/m	0.6022 V/m	0.5537 V/m
150	09/12/2018 11:06:31 AM	0.5985 V/m	0.5686 V/m	0.5421 V/m
151	09/12/2018 11:06:41 AM	0.6184 V/m	0.5753 V/m	0.5421 V/m
152	09/12/2018 11:06:51 AM	0.6285 V/m	0.5727 V/m	0.5303 V/m
153	09/12/2018 11:07:01 AM	0.6509 V/m	0.5746 V/m	0.5416 V/m
154	09/12/2018 11:07:11 AM	0.6774 V/m	0.5742 V/m	0.5314 V/m
155	09/12/2018 11:07:21 AM	0.7207 V/m	0.5811 V/m	0.5391 V/m
156	09/12/2018 11:07:31 AM	0.6072 V/m	0.5748 V/m	0.5477 V/m
157	09/12/2018 11:07:41 AM	0.5869 V/m	0.5614 V/m	0.5293 V/m
158	09/12/2018 11:07:51 AM	0.6259 V/m	0.5782 V/m	0.5314 V/m
159	09/12/2018 11:08:01 AM	0.6398 V/m	0.5886 V/m	0.5546 V/m
160	09/12/2018 11:08:11 AM	0.6454 V/m	0.5873 V/m	0.5650 V/m
161	09/12/2018 11:08:21 AM	0.6883 V/m	0.5834 V/m	0.5507 V/m
162	09/12/2018 11:08:31 AM	0.6692 V/m	0.5913 V/m	0.5596 V/m
163	09/12/2018 11:08:41 AM	0.6838 V/m	0.6010 V/m	0.5542 V/m
164	09/12/2018 11:08:51 AM	0.6919 V/m	0.6028 V/m	0.5551 V/m
165	09/12/2018 11:09:01 AM	0.7001 V/m	0.5940 V/m	0.5431 V/m
166	09/12/2018 11:09:11 AM	0.7336 V/m	0.5889 V/m	0.5467 V/m
167	09/12/2018 11:09:21 AM	0.6026 V/m	0.5768 V/m	0.5482 V/m
168	09/12/2018 11:09:31 AM	0.5902 V/m	0.5696 V/m	0.5487 V/m
169	09/12/2018 11:09:41 AM	0.5994 V/m	0.5723 V/m	0.5472 V/m
170	09/12/2018 11:09:51 AM	0.5832 V/m	0.5611 V/m	0.5314 V/m
171	09/12/2018 11:10:01 AM	0.6298 V/m	0.5681 V/m	0.5416 V/m
172	09/12/2018 11:10:11 AM	0.6076 V/m	0.5607 V/m	0.5324 V/m
173	09/12/2018 11:10:21 AM	0.5999 V/m	0.5684 V/m	0.5416 V/m
174	09/12/2018 11:10:31 AM	0.6303 V/m	0.5882 V/m	0.5546 V/m
175	09/12/2018 11:10:41 AM	0.6063 V/m	0.5575 V/m	0.5309 V/m
176	09/12/2018 11:10:51 AM	0.6368 V/m	0.5690 V/m	0.5177 V/m
177	09/12/2018 11:11:01 AM	0.6398 V/m	0.5645 V/m	0.5298 V/m
178	09/12/2018 11:11:11 AM	0.5874 V/m	0.5638 V/m	0.5431 V/m
179	09/12/2018 11:11:21 AM	0.6228 V/m	0.5613 V/m	0.5365 V/m
180	09/12/2018 11:11:31 AM	0.6316 V/m	0.5715 V/m	0.5386 V/m
181	09/12/2018 11:11:41 AM	0.6394 V/m	0.5721 V/m	0.5492 V/m
182	09/12/2018 11:11:51 AM	0.6026 V/m	0.5632 V/m	0.5193 V/m
183	09/12/2018 11:12:01 AM	0.6193 V/m	0.5746 V/m	0.5426 V/m
184	09/12/2018 11:12:11 AM	0.6022 V/m	0.5729 V/m	0.5386 V/m

185	09/12/2018 11:12:21 AM	0.6121 V/m	0.5784 V/m	0.5522 V/m
186	09/12/2018 11:12:31 AM	0.6206 V/m	0.5832 V/m	0.5532 V/m
187	09/12/2018 11:12:41 AM	0.5985 V/m	0.5680 V/m	0.5467 V/m
188	09/12/2018 11:12:51 AM	0.5967 V/m	0.5604 V/m	0.5421 V/m
189	09/12/2018 11:13:01 AM	0.5976 V/m	0.5712 V/m	0.5441 V/m
190	09/12/2018 11:13:11 AM	0.6424 V/m	0.5861 V/m	0.5451 V/m
191	09/12/2018 11:13:21 AM	0.6509 V/m	0.5745 V/m	0.5492 V/m
192	09/12/2018 11:13:31 AM	0.6090 V/m	0.5607 V/m	0.5156 V/m
193	09/12/2018 11:13:41 AM	0.6411 V/m	0.5739 V/m	0.5431 V/m
194	09/12/2018 11:13:51 AM	0.6121 V/m	0.5782 V/m	0.5441 V/m
195	09/12/2018 11:14:01 AM	0.6815 V/m	0.5791 V/m	0.5426 V/m
196	09/12/2018 11:14:11 AM	0.6377 V/m	0.5604 V/m	0.5230 V/m
197	09/12/2018 11:14:21 AM	0.6135 V/m	0.5684 V/m	0.5355 V/m
198	09/12/2018 11:14:31 AM	0.6895 V/m	0.5818 V/m	0.5339 V/m
199	09/12/2018 11:14:41 AM	0.6774 V/m	0.5838 V/m	0.5370 V/m
200	09/12/2018 11:14:51 AM	0.6126 V/m	0.5533 V/m	0.5124 V/m
201	09/12/2018 11:15:01 AM	0.5990 V/m	0.5677 V/m	0.5441 V/m
202	09/12/2018 11:15:11 AM	0.6307 V/m	0.5802 V/m	0.5497 V/m
203	09/12/2018 11:15:21 AM	0.6004 V/m	0.5663 V/m	0.5339 V/m
204	09/12/2018 11:15:31 AM	0.6045 V/m	0.5613 V/m	0.5267 V/m
205	09/12/2018 11:15:41 AM	0.6031 V/m	0.5646 V/m	0.5426 V/m
206	09/12/2018 11:15:51 AM	0.6049 V/m	0.5563 V/m	0.5375 V/m
207	09/12/2018 11:16:01 AM	0.6255 V/m	0.5692 V/m	0.5293 V/m
208	09/12/2018 11:16:11 AM	0.5874 V/m	0.5656 V/m	0.5431 V/m
209	09/12/2018 11:16:21 AM	0.5985 V/m	0.5612 V/m	0.5355 V/m
210	09/12/2018 11:16:31 AM	0.5893 V/m	0.5607 V/m	0.5319 V/m
211	09/12/2018 11:16:41 AM	0.5994 V/m	0.5655 V/m	0.5298 V/m
212	09/12/2018 11:16:51 AM	0.6063 V/m	0.5558 V/m	0.5188 V/m
213	09/12/2018 11:17:01 AM	0.6135 V/m	0.5830 V/m	0.5566 V/m
214	09/12/2018 11:17:11 AM	0.6782 V/m	0.5982 V/m	0.5698 V/m
215	09/12/2018 11:17:21 AM	0.6359 V/m	0.6013 V/m	0.5698 V/m
216	09/12/2018 11:17:31 AM	0.6580 V/m	0.5992 V/m	0.5679 V/m
217	09/12/2018 11:17:41 AM	0.6188 V/m	0.5805 V/m	0.5183 V/m
218	09/12/2018 11:17:51 AM	0.6355 V/m	0.5790 V/m	0.5472 V/m
219	09/12/2018 11:18:01 AM	0.6564 V/m	0.5794 V/m	0.5542 V/m
220	09/12/2018 11:18:11 AM	0.6294 V/m	0.5675 V/m	0.5411 V/m
221	09/12/2018 11:18:21 AM	0.5817 V/m	0.5588 V/m	0.5293 V/m
222	09/12/2018 11:18:31 AM	0.5967 V/m	0.5552 V/m	0.5145 V/m
223	09/12/2018 11:18:41 AM	0.6281 V/m	0.5590 V/m	0.5334 V/m
224	09/12/2018 11:18:51 AM	0.5999 V/m	0.5544 V/m	0.5303 V/m
225	09/12/2018 11:19:01 AM	0.5869 V/m	0.5453 V/m	0.5167 V/m
226	09/12/2018 11:19:11 AM	0.5850 V/m	0.5498 V/m	0.5204 V/m
227	09/12/2018 11:19:21 AM	0.5784 V/m	0.5464 V/m	0.5129 V/m
228	09/12/2018 11:19:31 AM	0.5864 V/m	0.5581 V/m	0.5386 V/m
229	09/12/2018 11:19:41 AM	0.6754 V/m	0.5813 V/m	0.5251 V/m
230	09/12/2018 11:19:51 AM	0.6144 V/m	0.5571 V/m	0.5267 V/m
231	09/12/2018 11:20:01 AM	0.5765 V/m	0.5542 V/m	0.5365 V/m
232	09/12/2018 11:20:11 AM	0.5798 V/m	0.5459 V/m	0.5241 V/m
233	09/12/2018 11:20:21 AM	0.5879 V/m	0.5513 V/m	0.5209 V/m
234	09/12/2018 11:20:31 AM	0.5920 V/m	0.5681 V/m	0.5385 V/m
235	09/12/2018 11:20:41 AM	0.6342 V/m	0.5877 V/m	0.5426 V/m
236	09/12/2018 11:20:51 AM	0.6112 V/m	0.5604 V/m	0.5329 V/m
237	09/12/2018 11:21:01 AM	0.6112 V/m	0.5555 V/m	0.5329 V/m
238	09/12/2018 11:21:11 AM	0.6534 V/m	0.5869 V/m	0.5308 V/m
239	09/12/2018 11:21:21 AM	0.6782 V/m	0.5893 V/m	0.5551 V/m
240	09/12/2018 11:21:31 AM	0.6580 V/m	0.5849 V/m	0.5172 V/m
241	09/12/2018 11:21:41 AM	0.6228 V/m	0.5722 V/m	0.5314 V/m
242	09/12/2018 11:21:51 AM	0.6162 V/m	0.5780 V/m	0.5319 V/m
243	09/12/2018 11:22:01 AM	0.6237 V/m	0.5974 V/m	0.5703 V/m
244	09/12/2018 11:22:11 AM	0.7080 V/m	0.6035 V/m	0.5537 V/m
245	09/12/2018 11:22:21 AM	0.6206 V/m	0.5753 V/m	0.5441 V/m
246	09/12/2018 11:22:31 AM	0.6517 V/m	0.5923 V/m	0.5566 V/m
247	09/12/2018 11:22:41 AM	0.6285 V/m	0.5892 V/m	0.5596 V/m



248	09/12/2018 11:22:51 AM	0.7982 V/m	0.6700 V/m	0.5581 V/m
249	09/12/2018 11:23:01 AM	0.6389 V/m	0.5751 V/m	0.5124 V/m
250	09/12/2018 11:23:11 AM	0.6411 V/m	0.5870 V/m	0.5581 V/m
251	09/12/2018 11:23:21 AM	0.6774 V/m	0.5895 V/m	0.5482 V/m
252	09/12/2018 11:23:31 AM	0.6228 V/m	0.5721 V/m	0.5467 V/m
253	09/12/2018 11:23:41 AM	0.6228 V/m	0.5809 V/m	0.5456 V/m
254	09/12/2018 11:23:51 AM	0.6126 V/m	0.5654 V/m	0.5441 V/m
255	09/12/2018 11:24:01 AM	0.6368 V/m	0.5650 V/m	0.5282 V/m
256	09/12/2018 11:24:11 AM	0.6031 V/m	0.5734 V/m	0.5452 V/m
257	09/12/2018 11:24:21 AM	0.6013 V/m	0.5706 V/m	0.5482 V/m
258	09/12/2018 11:24:31 AM	0.6372 V/m	0.5828 V/m	0.5522 V/m
259	09/12/2018 11:24:41 AM	0.6316 V/m	0.5907 V/m	0.5365 V/m
260	09/12/2018 11:24:51 AM	0.6522 V/m	0.5865 V/m	0.5386 V/m
261	09/12/2018 11:25:01 AM	0.6112 V/m	0.5686 V/m	0.5457 V/m
262	09/12/2018 11:25:11 AM	0.5948 V/m	0.5706 V/m	0.5477 V/m
263	09/12/2018 11:25:21 AM	0.6022 V/m	0.5749 V/m	0.5537 V/m
264	09/12/2018 11:25:31 AM	0.6320 V/m	0.5782 V/m	0.5561 V/m
265	09/12/2018 11:25:41 AM	0.6329 V/m	0.5712 V/m	0.5447 V/m
266	09/12/2018 11:25:51 AM	0.6597 V/m	0.5869 V/m	0.5288 V/m
267	09/12/2018 11:26:01 AM	0.6454 V/m	0.5720 V/m	0.5416 V/m
268	09/12/2018 11:26:11 AM	0.6576 V/m	0.5843 V/m	0.5446 V/m
269	09/12/2018 11:26:21 AM	0.6517 V/m	0.5747 V/m	0.5457 V/m
270	09/12/2018 11:26:31 AM	0.6806 V/m	0.6282 V/m	0.5596 V/m
271	09/12/2018 11:26:41 AM	0.7013 V/m	0.6218 V/m	0.5615 V/m
272	09/12/2018 11:26:51 AM	0.6931 V/m	0.6357 V/m	0.5556 V/m
273	09/12/2018 11:27:01 AM	0.6782 V/m	0.6379 V/m	0.5948 V/m
274	09/12/2018 11:27:11 AM	0.6381 V/m	0.5691 V/m	0.5298 V/m
275	09/12/2018 11:27:21 AM	0.6543 V/m	0.5848 V/m	0.5350 V/m
276	09/12/2018 11:27:31 AM	0.5971 V/m	0.5720 V/m	0.5497 V/m
277	09/12/2018 11:27:41 AM	0.6338 V/m	0.5659 V/m	0.5303 V/m
278	09/12/2018 11:27:51 AM	0.7107 V/m	0.5835 V/m	0.5365 V/m
279	09/12/2018 11:28:01 AM	0.7514 V/m	0.6465 V/m	0.5717 V/m
280	09/12/2018 11:28:11 AM	0.6966 V/m	0.5809 V/m	0.5497 V/m
281	09/12/2018 11:28:21 AM	0.6855 V/m	0.5661 V/m	0.5411 V/m
282	09/12/2018 11:28:31 AM	0.6622 V/m	0.5741 V/m	0.5457 V/m
283	09/12/2018 11:28:41 AM	0.6605 V/m	0.5666 V/m	0.5277 V/m
284	09/12/2018 11:28:51 AM	0.6359 V/m	0.5624 V/m	0.5355 V/m
285	09/12/2018 11:29:01 AM	0.6471 V/m	0.5895 V/m	0.5113 V/m
286	09/12/2018 11:29:11 AM	0.6610 V/m	0.6280 V/m	0.6094 V/m
287	09/12/2018 11:29:21 AM	0.6593 V/m	0.6015 V/m	0.5561 V/m
288	09/12/2018 11:29:31 AM	0.6153 V/m	0.5748 V/m	0.5551 V/m
289	09/12/2018 11:29:41 AM	0.5981 V/m	0.5708 V/m	0.5380 V/m
290	09/12/2018 11:29:51 AM	0.5990 V/m	0.5707 V/m	0.5246 V/m
291	09/12/2018 11:30:01 AM	0.6233 V/m	0.5710 V/m	0.5329 V/m
292	09/12/2018 11:30:11 AM	0.6342 V/m	0.6041 V/m	0.5818 V/m
293	09/12/2018 11:30:21 AM	0.7440 V/m	0.6750 V/m	0.5467 V/m
294	09/12/2018 11:30:31 AM	0.7192 V/m	0.6667 V/m	0.5517 V/m
295	09/12/2018 11:30:41 AM	0.6108 V/m	0.5553 V/m	0.5204 V/m
296	09/12/2018 11:30:51 AM	0.6246 V/m	0.5898 V/m	0.5386 V/m
297	09/12/2018 11:31:01 AM	0.7436 V/m	0.6397 V/m	0.5645 V/m
298	09/12/2018 11:31:11 AM	0.6312 V/m	0.5970 V/m	0.5502 V/m
299	09/12/2018 11:31:21 AM	0.7092 V/m	0.5820 V/m	0.5436 V/m
300	09/12/2018 11:31:31 AM	0.6572 V/m	0.5956 V/m	0.5324 V/m
301	09/12/2018 11:31:41 AM	0.6526 V/m	0.5897 V/m	0.5386 V/m
302	09/12/2018 11:31:51 AM	0.5860 V/m	0.5545 V/m	0.5065 V/m
303	09/12/2018 11:32:01 AM	0.6054 V/m	0.5700 V/m	0.5411 V/m
304	09/12/2018 11:32:11 AM	0.7351 V/m	0.6127 V/m	0.5606 V/m
305	09/12/2018 11:32:21 AM	0.7407 V/m	0.6522 V/m	0.5855 V/m
306	09/12/2018 11:32:31 AM	0.6555 V/m	0.5822 V/m	0.5416 V/m
307	09/12/2018 11:32:41 AM	0.6411 V/m	0.5751 V/m	0.5436 V/m
308	09/12/2018 11:32:51 AM	0.6643 V/m	0.5912 V/m	0.5225 V/m
309	09/12/2018 11:33:01 AM	0.6268 V/m	0.5795 V/m	0.5431 V/m
310	09/12/2018 11:33:11 AM	0.6851 V/m	0.5931 V/m	0.5472 V/m



311	09/12/2018 11:33:21 AM	0.6157 V/m	0.5747 V/m	0.5334 V/m
312	09/12/2018 11:33:31 AM	0.7126 V/m	0.6018 V/m	0.5487 V/m
313	09/12/2018 11:33:41 AM	0.6496 V/m	0.5951 V/m	0.5350 V/m
314	09/12/2018 11:33:51 AM	0.7272 V/m	0.6240 V/m	0.5406 V/m
315	09/12/2018 11:34:01 AM	0.6705 V/m	0.5836 V/m	0.5406 V/m
316	09/12/2018 11:34:11 AM	0.5907 V/m	0.5614 V/m	0.5365 V/m
317	09/12/2018 11:34:21 AM	0.6162 V/m	0.5673 V/m	0.5355 V/m
318	09/12/2018 11:34:31 AM	0.6250 V/m	0.5748 V/m	0.5477 V/m
319	09/12/2018 11:34:41 AM	0.5841 V/m	0.5603 V/m	0.5406 V/m
320	09/12/2018 11:34:51 AM	0.6121 V/m	0.5562 V/m	0.5345 V/m
321	09/12/2018 11:35:01 AM	0.5865 V/m	0.5573 V/m	0.5251 V/m
322	09/12/2018 11:35:11 AM	0.6144 V/m	0.5724 V/m	0.5411 V/m
323	09/12/2018 11:35:21 AM	0.6058 V/m	0.5707 V/m	0.5334 V/m
324	09/12/2018 11:35:31 AM	0.6153 V/m	0.5645 V/m	0.5446 V/m
325	09/12/2018 11:35:41 AM	0.6839 V/m	0.5790 V/m	0.5406 V/m
326	09/12/2018 11:35:51 AM	0.6390 V/m	0.5812 V/m	0.5487 V/m
327	09/12/2018 11:36:01 AM	0.6381 V/m	0.5769 V/m	0.5512 V/m
328	09/12/2018 11:36:11 AM	0.6202 V/m	0.5789 V/m	0.5457 V/m
329	09/12/2018 11:36:21 AM	0.6555 V/m	0.5824 V/m	0.5601 V/m
330	09/12/2018 11:36:31 AM	0.6259 V/m	0.5721 V/m	0.5482 V/m
331	09/12/2018 11:36:41 AM	0.6390 V/m	0.5783 V/m	0.5421 V/m
332	09/12/2018 11:36:51 AM	0.6272 V/m	0.5746 V/m	0.5421 V/m
333	09/12/2018 11:37:01 AM	0.6373 V/m	0.5588 V/m	0.5293 V/m
334	09/12/2018 11:37:11 AM	0.6188 V/m	0.5910 V/m	0.5442 V/m
335	09/12/2018 11:37:21 AM	0.7669 V/m	0.6526 V/m	0.5888 V/m
336	09/12/2018 11:37:31 AM	0.7328 V/m	0.6610 V/m	0.5953 V/m
337	09/12/2018 11:37:41 AM	0.7436 V/m	0.6363 V/m	0.5324 V/m
338	09/12/2018 11:37:51 AM	0.6564 V/m	0.5848 V/m	0.5386 V/m
339	09/12/2018 11:38:01 AM	0.6255 V/m	0.5820 V/m	0.5324 V/m
340	09/12/2018 11:38:11 AM	0.7002 V/m	0.6214 V/m	0.5664 V/m
341	09/12/2018 11:38:21 AM	0.6355 V/m	0.5800 V/m	0.5411 V/m
342	09/12/2018 11:38:31 AM	0.6664 V/m	0.5900 V/m	0.5611 V/m
343	09/12/2018 11:38:41 AM	0.7053 V/m	0.5743 V/m	0.5334 V/m
344	09/12/2018 11:38:51 AM	0.6272 V/m	0.5603 V/m	0.5204 V/m
345	09/12/2018 11:39:01 AM	0.6492 V/m	0.5547 V/m	0.5113 V/m
346	09/12/2018 11:39:11 AM	0.5794 V/m	0.5509 V/m	0.5272 V/m
347	09/12/2018 11:39:21 AM	0.6509 V/m	0.5719 V/m	0.5492 V/m
348	09/12/2018 11:39:31 AM	0.6381 V/m	0.5653 V/m	0.5446 V/m
349	09/12/2018 11:39:41 AM	0.5958 V/m	0.5690 V/m	0.5386 V/m
350	09/12/2018 11:39:51 AM	0.6766 V/m	0.6070 V/m	0.5645 V/m
351	09/12/2018 11:40:01 AM	0.6547 V/m	0.5752 V/m	0.5426 V/m
352	09/12/2018 11:40:11 AM	0.6329 V/m	0.5747 V/m	0.5421 V/m
353	09/12/2018 11:40:21 AM	0.6526 V/m	0.5738 V/m	0.5355 V/m
354	09/12/2018 11:40:31 AM	0.6381 V/m	0.5787 V/m	0.5447 V/m
355	09/12/2018 11:40:41 AM	0.6316 V/m	0.5830 V/m	0.5314 V/m
356	09/12/2018 11:40:51 AM	0.6094 V/m	0.5727 V/m	0.5406 V/m
357	09/12/2018 11:41:01 AM	0.6307 V/m	0.5684 V/m	0.5246 V/m
358	09/12/2018 11:41:11 AM	0.6299 V/m	0.5589 V/m	0.5225 V/m
359	09/12/2018 11:41:21 AM	0.5994 V/m	0.5675 V/m	0.5267 V/m
360	09/12/2018 11:41:31 AM	0.6090 V/m	0.5572 V/m	0.5103 V/m
361	09/12/2018 11:41:41 AM	0.5971 V/m	0.5432 V/m	0.5183 V/m
362	09/12/2018 11:41:51 AM	0.6054 V/m	0.5708 V/m	0.5431 V/m
363	09/12/2018 11:42:01 AM	0.6522 V/m	0.5954 V/m	0.5391 V/m
364	09/12/2018 11:42:11 AM	0.6919 V/m	0.6074 V/m	0.5319 V/m
365	09/12/2018 11:42:21 AM	0.6259 V/m	0.5623 V/m	0.5360 V/m
366	09/12/2018 11:42:31 AM	0.7403 V/m	0.5988 V/m	0.5566 V/m
367	09/12/2018 11:42:41 AM	0.6618 V/m	0.5879 V/m	0.5522 V/m
368	09/12/2018 11:42:51 AM	0.7287 V/m	0.5901 V/m	0.5457 V/m
369	09/12/2018 11:43:01 AM	0.7298 V/m	0.6888 V/m	0.5688 V/m
370	09/12/2018 11:43:11 AM	0.6717 V/m	0.6012 V/m	0.5467 V/m
371	09/12/2018 11:43:21 AM	0.6998 V/m	0.5863 V/m	0.5431 V/m
372	09/12/2018 11:43:31 AM	0.7444 V/m	0.6070 V/m	0.5365 V/m
373	09/12/2018 11:43:41 AM	0.6974 V/m	0.6209 V/m	0.5467 V/m

374	09/12/2018 11:43:51 AM	0.6179 V/m	0.5671 V/m	0.5355 V/m
375	09/12/2018 11:44:01 AM	0.7283 V/m	0.6097 V/m	0.5527 V/m
376	09/12/2018 11:44:11 AM	0.7249 V/m	0.5909 V/m	0.5303 V/m
377	09/12/2018 11:44:21 AM	0.6338 V/m	0.5775 V/m	0.5277 V/m
378	09/12/2018 11:44:31 AM	0.6130 V/m	0.5613 V/m	0.5339 V/m
379	09/12/2018 11:44:41 AM	0.6572 V/m	0.5700 V/m	0.5396 V/m
380	09/12/2018 11:44:51 AM	0.6830 V/m	0.6055 V/m	0.5472 V/m
381	09/12/2018 11:45:01 AM	0.6411 V/m	0.6017 V/m	0.5339 V/m
382	09/12/2018 11:45:11 AM	0.6501 V/m	0.6032 V/m	0.5732 V/m
383	09/12/2018 11:45:21 AM	0.6402 V/m	0.5763 V/m	0.5416 V/m
384	09/12/2018 11:45:31 AM	0.6605 V/m	0.5765 V/m	0.5345 V/m
385	09/12/2018 11:45:41 AM	0.7080 V/m	0.5876 V/m	0.5401 V/m
386	09/12/2018 11:45:51 AM	0.6622 V/m	0.5785 V/m	0.5350 V/m
387	09/12/2018 11:46:01 AM	0.5953 V/m	0.5631 V/m	0.5411 V/m
388	09/12/2018 11:46:11 AM	0.6099 V/m	0.5680 V/m	0.5355 V/m
389	09/12/2018 11:46:21 AM	0.6153 V/m	0.5778 V/m	0.5487 V/m
390	09/12/2018 11:46:31 AM	0.6320 V/m	0.5670 V/m	0.5441 V/m
391	09/12/2018 11:46:41 AM	0.6610 V/m	0.5745 V/m	0.5350 V/m
392	09/12/2018 11:46:51 AM	0.6680 V/m	0.5901 V/m	0.5551 V/m
393	09/12/2018 11:47:01 AM	0.6729 V/m	0.5770 V/m	0.5314 V/m
394	09/12/2018 11:47:11 AM	0.6072 V/m	0.5694 V/m	0.5365 V/m
395	09/12/2018 11:47:21 AM	0.7403 V/m	0.6161 V/m	0.5698 V/m
396	09/12/2018 11:47:31 AM	0.6986 V/m	0.5852 V/m	0.5431 V/m
397	09/12/2018 11:47:41 AM	0.6998 V/m	0.6081 V/m	0.5467 V/m
398	09/12/2018 11:47:51 AM	0.5971 V/m	0.5663 V/m	0.5103 V/m
399	09/12/2018 11:48:01 AM	0.7176 V/m	0.5746 V/m	0.5256 V/m
400	09/12/2018 11:48:11 AM	0.7256 V/m	0.5944 V/m	0.5339 V/m
401	09/12/2018 11:48:21 AM	0.7195 V/m	0.6021 V/m	0.5441 V/m
402	09/12/2018 11:48:31 AM	0.6899 V/m	0.5816 V/m	0.5308 V/m
403	09/12/2018 11:48:41 AM	0.6534 V/m	0.5629 V/m	0.5329 V/m
404	09/12/2018 11:48:51 AM	0.5615 V/m	0.5454 V/m	0.5225 V/m
405	09/12/2018 11:49:01 AM	0.6445 V/m	0.5696 V/m	0.5436 V/m
406	09/12/2018 11:49:11 AM	0.6003 V/m	0.5695 V/m	0.5446 V/m
407	09/12/2018 11:49:21 AM	0.6942 V/m	0.5850 V/m	0.5360 V/m
408	09/12/2018 11:49:31 AM	0.5712 V/m	0.5497 V/m	0.5303 V/m
409	09/12/2018 11:49:41 AM	0.6063 V/m	0.5751 V/m	0.5401 V/m
410	09/12/2018 11:49:51 AM	0.5722 V/m	0.5532 V/m	0.5303 V/m
411	09/12/2018 11:50:01 AM	0.5779 V/m	0.5439 V/m	0.5262 V/m
412	09/12/2018 11:50:11 AM	0.5980 V/m	0.5580 V/m	0.5241 V/m
413	09/12/2018 11:50:21 AM	0.6281 V/m	0.5957 V/m	0.5708 V/m
414	09/12/2018 11:50:31 AM	0.6081 V/m	0.5837 V/m	0.5650 V/m
415	09/12/2018 11:50:41 AM	0.6049 V/m	0.5807 V/m	0.5512 V/m
416	09/12/2018 11:50:51 AM	0.6394 V/m	0.5671 V/m	0.5214 V/m
417	09/12/2018 11:51:01 AM	0.6766 V/m	0.6017 V/m	0.5220 V/m
418	09/12/2018 11:51:11 AM	0.6910 V/m	0.6014 V/m	0.5462 V/m
419	09/12/2018 11:51:21 AM	0.6049 V/m	0.5675 V/m	0.5319 V/m
420	09/12/2018 11:51:31 AM	0.5659 V/m	0.5486 V/m	0.5339 V/m
421	09/12/2018 11:51:41 AM	0.6045 V/m	0.5592 V/m	0.5319 V/m
422	09/12/2018 11:51:51 AM	0.6462 V/m	0.5734 V/m	0.5507 V/m
423	09/12/2018 11:52:01 AM	0.5784 V/m	0.5531 V/m	0.5282 V/m
424	09/12/2018 11:52:11 AM	0.6630 V/m	0.5702 V/m	0.5288 V/m
425	09/12/2018 11:52:21 AM	0.7037 V/m	0.5668 V/m	0.5214 V/m
426	09/12/2018 11:52:31 AM	0.6035 V/m	0.5494 V/m	0.5220 V/m
427	09/12/2018 11:52:41 AM	0.6895 V/m	0.5709 V/m	0.5441 V/m
428	09/12/2018 11:52:51 AM	0.6294 V/m	0.5676 V/m	0.5365 V/m
429	09/12/2018 11:53:01 AM	0.6263 V/m	0.5659 V/m	0.5396 V/m
430	09/12/2018 11:53:11 AM	0.6630 V/m	0.5663 V/m	0.5308 V/m
431	09/12/2018 11:53:21 AM	0.5817 V/m	0.5474 V/m	0.5344 V/m
432	09/12/2018 11:53:31 AM	0.5630 V/m	0.5427 V/m	0.5124 V/m
433	09/12/2018 11:53:41 AM	0.6063 V/m	0.5568 V/m	0.5375 V/m
434	09/12/2018 11:53:51 AM	0.5930 V/m	0.5511 V/m	0.5288 V/m
435	09/12/2018 11:54:01 AM	0.5703 V/m	0.5430 V/m	0.5230 V/m
436	09/12/2018 11:54:11 AM	0.5717 V/m	0.5419 V/m	0.5188 V/m

437	09/12/2018 11:54:21 AM	0.5878 V/m	0.5535 V/m	0.5172 V/m
438	09/12/2018 11:54:31 AM	0.5775 V/m	0.5473 V/m	0.5277 V/m
439	09/12/2018 11:54:41 AM	0.6990 V/m	0.5754 V/m	0.5267 V/m
440	09/12/2018 11:54:51 AM	0.5958 V/m	0.5585 V/m	0.5334 V/m
441	09/12/2018 11:55:01 AM	0.6135 V/m	0.5696 V/m	0.5350 V/m
442	09/12/2018 11:55:11 AM	0.6285 V/m	0.5949 V/m	0.5722 V/m
443	09/12/2018 11:55:21 AM	0.6390 V/m	0.5804 V/m	0.5492 V/m
444	09/12/2018 11:55:31 AM	0.6462 V/m	0.5719 V/m	0.5324 V/m
445	09/12/2018 11:55:41 AM	0.6351 V/m	0.5668 V/m	0.4955 V/m
446	09/12/2018 11:55:51 AM	0.6153 V/m	0.5755 V/m	0.5497 V/m
447	09/12/2018 11:56:01 AM	0.6085 V/m	0.5739 V/m	0.5541 V/m
448	09/12/2018 11:56:11 AM	0.6250 V/m	0.5655 V/m	0.5086 V/m
449	09/12/2018 11:56:21 AM	0.5925 V/m	0.5453 V/m	0.5156 V/m
450	09/12/2018 11:56:31 AM	0.6895 V/m	0.5835 V/m	0.5235 V/m
451	09/12/2018 11:56:41 AM	0.6668 V/m	0.5562 V/m	0.5156 V/m
452	09/12/2018 11:56:51 AM	0.6492 V/m	0.5602 V/m	0.5193 V/m
453	09/12/2018 11:57:01 AM	0.6668 V/m	0.5656 V/m	0.5365 V/m
454	09/12/2018 11:57:11 AM	0.6076 V/m	0.5580 V/m	0.5204 V/m
455	09/12/2018 11:57:21 AM	0.6614 V/m	0.5781 V/m	0.5308 V/m
456	09/12/2018 11:57:31 AM	0.6946 V/m	0.5756 V/m	0.5267 V/m
457	09/12/2018 11:57:41 AM	0.6346 V/m	0.5639 V/m	0.5303 V/m
458	09/12/2018 11:57:51 AM	0.6684 V/m	0.5758 V/m	0.5214 V/m
459	09/12/2018 11:58:01 AM	0.6054 V/m	0.5584 V/m	0.5256 V/m
460	09/12/2018 11:58:11 AM	0.6939 V/m	0.5929 V/m	0.5536 V/m
461	09/12/2018 11:58:21 AM	0.6390 V/m	0.5753 V/m	0.5345 V/m
462	09/12/2018 11:58:31 AM	0.5971 V/m	0.5764 V/m	0.5615 V/m
463	09/12/2018 11:58:41 AM	0.6117 V/m	0.5765 V/m	0.5406 V/m
464	09/12/2018 11:58:51 AM	0.6351 V/m	0.5636 V/m	0.5324 V/m
465	09/12/2018 11:59:01 AM	0.6547 V/m	0.5662 V/m	0.5355 V/m
466	09/12/2018 11:59:11 AM	0.6316 V/m	0.5647 V/m	0.5339 V/m
467	09/12/2018 11:59:21 AM	0.6938 V/m	0.5853 V/m	0.5426 V/m
468	09/12/2018 11:59:31 AM	0.7145 V/m	0.6007 V/m	0.5436 V/m
469	09/12/2018 11:59:41 AM	0.7013 V/m	0.5914 V/m	0.5606 V/m
470	09/12/2018 11:59:51 AM	0.7238 V/m	0.6295 V/m	0.5551 V/m
471	09/12/2018 12:00:01 PM	0.6206 V/m	0.5794 V/m	0.5517 V/m
472	09/12/2018 12:00:11 PM	0.6268 V/m	0.5814 V/m	0.5487 V/m
473	09/12/2018 12:00:21 PM	0.6709 V/m	0.5820 V/m	0.5502 V/m
474	09/12/2018 12:00:31 PM	0.6135 V/m	0.5625 V/m	0.5406 V/m
475	09/12/2018 12:00:41 PM	0.6272 V/m	0.5548 V/m	0.5324 V/m
476	09/12/2018 12:00:51 PM	0.5994 V/m	0.5635 V/m	0.5467 V/m
477	09/12/2018 12:01:01 PM	0.5944 V/m	0.5592 V/m	0.5426 V/m
478	09/12/2018 12:01:11 PM	0.6117 V/m	0.5770 V/m	0.5472 V/m
479	09/12/2018 12:01:21 PM	0.6072 V/m	0.5822 V/m	0.5487 V/m
480	09/12/2018 12:01:31 PM	0.6202 V/m	0.5731 V/m	0.5462 V/m
481	09/12/2018 12:01:41 PM	0.6026 V/m	0.5798 V/m	0.5502 V/m
482	09/12/2018 12:01:51 PM	0.6501 V/m	0.6168 V/m	0.5818 V/m
483	09/12/2018 12:02:01 PM	0.6643 V/m	0.6211 V/m	0.5522 V/m
484	09/12/2018 12:02:11 PM	0.6488 V/m	0.5959 V/m	0.5566 V/m
485	09/12/2018 12:02:21 PM	0.6398 V/m	0.5737 V/m	0.5421 V/m
486	09/12/2018 12:02:31 PM	0.6377 V/m	0.5815 V/m	0.5606 V/m
487	09/12/2018 12:02:41 PM	0.6237 V/m	0.5731 V/m	0.5355 V/m
488	09/12/2018 12:02:51 PM	0.6911 V/m	0.5791 V/m	0.5360 V/m
489	09/12/2018 12:03:01 PM	0.6517 V/m	0.5770 V/m	0.5421 V/m
490	09/12/2018 12:03:11 PM	0.6713 V/m	0.6020 V/m	0.5209 V/m
491	09/12/2018 12:03:21 PM	0.6770 V/m	0.6002 V/m	0.5517 V/m
492	09/12/2018 12:03:31 PM	0.6500 V/m	0.5809 V/m	0.5462 V/m
493	09/12/2018 12:03:41 PM	0.6117 V/m	0.5730 V/m	0.5532 V/m
494	09/12/2018 12:03:51 PM	0.6054 V/m	0.5722 V/m	0.5406 V/m
495	09/12/2018 12:04:01 PM	0.6774 V/m	0.5776 V/m	0.5551 V/m
496	09/12/2018 12:04:11 PM	0.6381 V/m	0.5811 V/m	0.5581 V/m
497	09/12/2018 12:04:21 PM	0.6899 V/m	0.5916 V/m	0.5556 V/m
498	09/12/2018 12:04:31 PM	0.6049 V/m	0.5694 V/m	0.5467 V/m
499	09/12/2018 12:04:41 PM	0.6798 V/m	0.5813 V/m	0.5277 V/m

500	09/12/2018 12:04:51 PM	0.6153 V/m	0.5775 V/m	0.5522 V/m
501	09/12/2018 12:05:01 PM	0.6004 V/m	0.5729 V/m	0.5527 V/m
502	09/12/2018 12:05:11 PM	0.6863 V/m	0.5889 V/m	0.5650 V/m
503	09/12/2018 12:05:21 PM	0.6140 V/m	0.5890 V/m	0.5650 V/m
504	09/12/2018 12:05:31 PM	0.7381 V/m	0.6178 V/m	0.5566 V/m
505	09/12/2018 12:05:41 PM	0.6031 V/m	0.5790 V/m	0.5611 V/m
506	09/12/2018 12:05:51 PM	0.6026 V/m	0.5842 V/m	0.5659 V/m
507	09/12/2018 12:06:01 PM	0.5976 V/m	0.5793 V/m	0.5655 V/m
508	09/12/2018 12:06:11 PM	0.6130 V/m	0.5823 V/m	0.5571 V/m
509	09/12/2018 12:06:21 PM	0.6008 V/m	0.5530 V/m	0.4871 V/m
510	09/12/2018 12:06:31 PM	0.6272 V/m	0.5785 V/m	0.4693 V/m
511	09/12/2018 12:06:41 PM	0.6175 V/m	0.5752 V/m	0.5396 V/m
512	09/12/2018 12:06:51 PM	0.6130 V/m	0.5680 V/m	0.5381 V/m
513	09/12/2018 12:07:01 PM	0.6347 V/m	0.5852 V/m	0.5467 V/m
514	09/12/2018 12:07:11 PM	0.6085 V/m	0.5716 V/m	0.5416 V/m
515	09/12/2018 12:07:21 PM	0.5827 V/m	0.5548 V/m	0.5386 V/m
516	09/12/2018 12:07:31 PM	0.6246 V/m	0.5743 V/m	0.5329 V/m
517	09/12/2018 12:07:41 PM	0.5841 V/m	0.5541 V/m	0.5298 V/m
518	09/12/2018 12:07:51 PM	0.7226 V/m	0.5835 V/m	0.5230 V/m
519	09/12/2018 12:08:01 PM	0.5911 V/m	0.5614 V/m	0.5303 V/m
520	09/12/2018 12:08:11 PM	0.5953 V/m	0.5649 V/m	0.5365 V/m
521	09/12/2018 12:08:21 PM	0.6008 V/m	0.5431 V/m	0.5005 V/m
522	09/12/2018 12:08:31 PM	0.6320 V/m	0.5523 V/m	0.5146 V/m
523	09/12/2018 12:08:41 PM	0.5971 V/m	0.5602 V/m	0.5355 V/m
524	09/12/2018 12:08:51 PM	0.5827 V/m	0.5489 V/m	0.5225 V/m
525	09/12/2018 12:09:01 PM	0.5836 V/m	0.5630 V/m	0.5334 V/m
526	09/12/2018 12:09:11 PM	0.5944 V/m	0.5550 V/m	0.5135 V/m
527	09/12/2018 12:09:21 PM	0.5957 V/m	0.5546 V/m	0.5027 V/m
528	09/12/2018 12:09:31 PM	0.5770 V/m	0.5509 V/m	0.5235 V/m
529	09/12/2018 12:09:41 PM	0.5717 V/m	0.5506 V/m	0.5209 V/m
530	09/12/2018 12:09:51 PM	0.6017 V/m	0.5473 V/m	0.5199 V/m
531	09/12/2018 12:10:01 PM	0.5888 V/m	0.5582 V/m	0.5324 V/m
532	09/12/2018 12:10:11 PM	0.5994 V/m	0.5596 V/m	0.5267 V/m
533	09/12/2018 12:10:21 PM	0.5645 V/m	0.5292 V/m	0.4916 V/m
534	09/12/2018 12:10:31 PM	0.5664 V/m	0.5407 V/m	0.5010 V/m
535	09/12/2018 12:10:41 PM	0.5571 V/m	0.5319 V/m	0.4972 V/m
536	09/12/2018 12:10:51 PM	0.5659 V/m	0.5324 V/m	0.5010 V/m
537	09/12/2018 12:11:01 PM	0.5784 V/m	0.5420 V/m	0.5183 V/m
538	09/12/2018 12:11:11 PM	0.6517 V/m	0.5598 V/m	0.5129 V/m
539	09/12/2018 12:11:21 PM	0.6475 V/m	0.5506 V/m	0.5124 V/m
540	09/12/2018 12:11:31 PM	0.6333 V/m	0.5572 V/m	0.4944 V/m
541	09/12/2018 12:11:41 PM	0.6543 V/m	0.5551 V/m	0.5199 V/m
542	09/12/2018 12:11:51 PM	0.6286 V/m	0.5400 V/m	0.4983 V/m
543	09/12/2018 12:12:01 PM	0.6072 V/m	0.5598 V/m	0.5293 V/m
544	09/12/2018 12:12:11 PM	0.6597 V/m	0.5775 V/m	0.5172 V/m
545	09/12/2018 12:12:21 PM	0.6806 V/m	0.5889 V/m	0.5334 V/m
546	09/12/2018 12:12:31 PM	0.6725 V/m	0.5664 V/m	0.5246 V/m
547	09/12/2018 12:12:41 PM	0.6930 V/m	0.5680 V/m	0.5113 V/m
548	09/12/2018 12:12:51 PM	0.6290 V/m	0.5556 V/m	0.5277 V/m
549	09/12/2018 12:13:01 PM	0.5916 V/m	0.5499 V/m	0.5209 V/m
550	09/12/2018 12:13:11 PM	0.5684 V/m	0.5370 V/m	0.5161 V/m
551	09/12/2018 12:13:21 PM	0.5948 V/m	0.5337 V/m	0.5010 V/m
552	09/12/2018 12:13:31 PM	0.5517 V/m	0.5255 V/m	0.4994 V/m
553	09/12/2018 12:13:41 PM	0.5561 V/m	0.5207 V/m	0.4999 V/m
554	09/12/2018 12:13:51 PM	0.5370 V/m	0.5204 V/m	0.5010 V/m
555	09/12/2018 12:14:01 PM	0.5625 V/m	0.5335 V/m	0.5151 V/m
556	09/12/2018 12:14:11 PM	0.5477 V/m	0.5265 V/m	0.4955 V/m
557	09/12/2018 12:14:21 PM	0.5640 V/m	0.5311 V/m	0.4961 V/m
558	09/12/2018 12:14:31 PM	0.5669 V/m	0.5369 V/m	0.5108 V/m
559	09/12/2018 12:14:41 PM	0.5556 V/m	0.5256 V/m	0.4877 V/m
560	09/12/2018 12:14:51 PM	0.5635 V/m	0.5389 V/m	0.5124 V/m
561	09/12/2018 12:15:01 PM	0.6376 V/m	0.5638 V/m	0.5230 V/m
562	09/12/2018 12:15:11 PM	0.6162 V/m	0.5528 V/m	0.5272 V/m

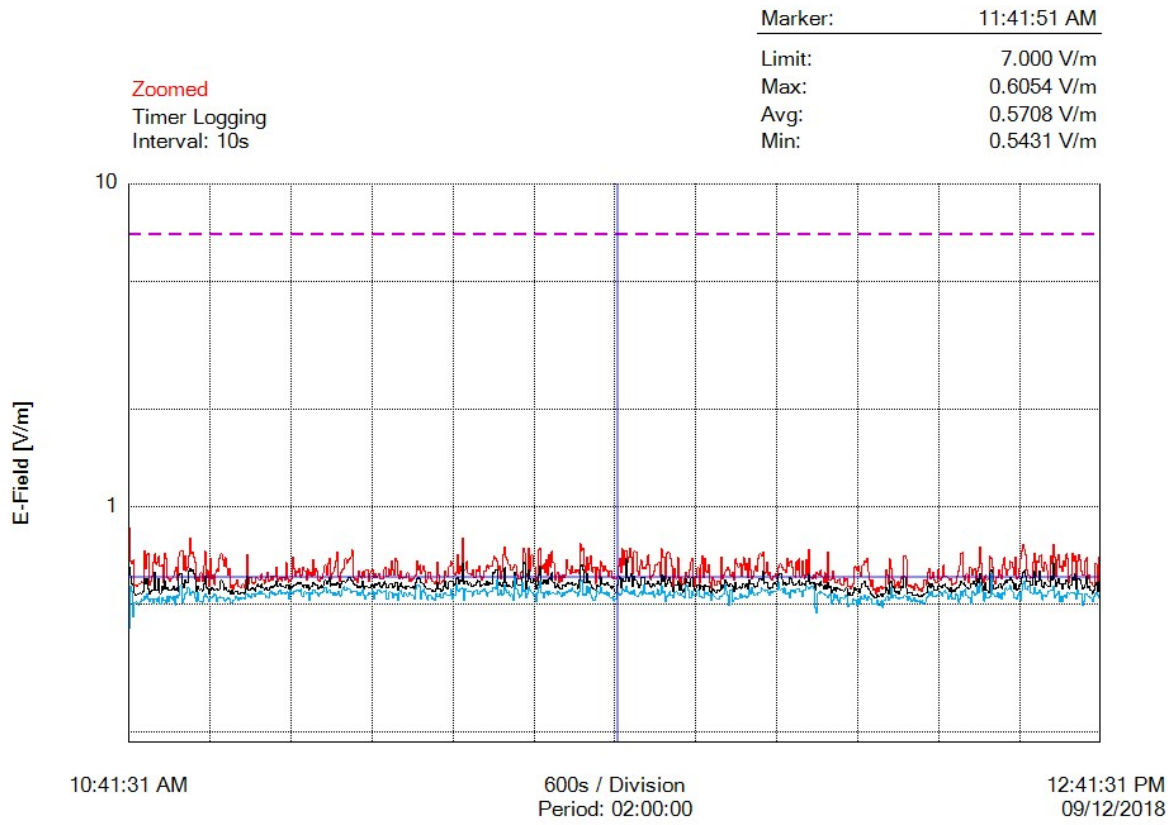


563	09/12/2018 12:15:21 PM	0.5789 V/m	0.5369 V/m	0.5140 V/m
564	09/12/2018 12:15:31 PM	0.6887 V/m	0.5800 V/m	0.5204 V/m
565	09/12/2018 12:15:41 PM	0.6415 V/m	0.5893 V/m	0.5616 V/m
566	09/12/2018 12:15:51 PM	0.5967 V/m	0.5661 V/m	0.5235 V/m
567	09/12/2018 12:16:01 PM	0.5921 V/m	0.5604 V/m	0.5319 V/m
568	09/12/2018 12:16:11 PM	0.5630 V/m	0.5475 V/m	0.5298 V/m
569	09/12/2018 12:16:21 PM	0.5741 V/m	0.5429 V/m	0.5214 V/m
570	09/12/2018 12:16:31 PM	0.5855 V/m	0.5454 V/m	0.5225 V/m
571	09/12/2018 12:16:41 PM	0.5625 V/m	0.5349 V/m	0.5172 V/m
572	09/12/2018 12:16:51 PM	0.5841 V/m	0.5498 V/m	0.5220 V/m
573	09/12/2018 12:17:01 PM	0.6081 V/m	0.5664 V/m	0.5220 V/m
574	09/12/2018 12:17:11 PM	0.5967 V/m	0.5616 V/m	0.5230 V/m
575	09/12/2018 12:17:21 PM	0.7041 V/m	0.6064 V/m	0.5303 V/m
576	09/12/2018 12:17:31 PM	0.6895 V/m	0.5591 V/m	0.5277 V/m
577	09/12/2018 12:17:41 PM	0.5727 V/m	0.5387 V/m	0.5129 V/m
578	09/12/2018 12:17:51 PM	0.5664 V/m	0.5436 V/m	0.5283 V/m
579	09/12/2018 12:18:01 PM	0.5712 V/m	0.5405 V/m	0.5183 V/m
580	09/12/2018 12:18:11 PM	0.5620 V/m	0.5410 V/m	0.5086 V/m
581	09/12/2018 12:18:21 PM	0.5688 V/m	0.5339 V/m	0.5135 V/m
582	09/12/2018 12:18:31 PM	0.5492 V/m	0.5324 V/m	0.5204 V/m
583	09/12/2018 12:18:41 PM	0.5756 V/m	0.5306 V/m	0.5097 V/m
584	09/12/2018 12:18:51 PM	0.5727 V/m	0.5345 V/m	0.5129 V/m
585	09/12/2018 12:19:01 PM	0.5601 V/m	0.5305 V/m	0.5086 V/m
586	09/12/2018 12:19:11 PM	0.5512 V/m	0.5286 V/m	0.5113 V/m
587	09/12/2018 12:19:21 PM	0.5571 V/m	0.5304 V/m	0.5037 V/m
588	09/12/2018 12:19:31 PM	0.5446 V/m	0.5258 V/m	0.5113 V/m
589	09/12/2018 12:19:41 PM	0.5616 V/m	0.5334 V/m	0.4994 V/m
590	09/12/2018 12:19:51 PM	0.5953 V/m	0.5381 V/m	0.5054 V/m
591	09/12/2018 12:20:01 PM	0.5732 V/m	0.5398 V/m	0.5209 V/m
592	09/12/2018 12:20:11 PM	0.6237 V/m	0.5644 V/m	0.5262 V/m
593	09/12/2018 12:20:21 PM	0.6437 V/m	0.5807 V/m	0.5452 V/m
594	09/12/2018 12:20:31 PM	0.5976 V/m	0.5593 V/m	0.5334 V/m
595	09/12/2018 12:20:41 PM	0.6040 V/m	0.5765 V/m	0.5487 V/m
596	09/12/2018 12:20:51 PM	0.6246 V/m	0.5685 V/m	0.5277 V/m
597	09/12/2018 12:21:01 PM	0.5939 V/m	0.5535 V/m	0.5283 V/m
598	09/12/2018 12:21:11 PM	0.5827 V/m	0.5525 V/m	0.5251 V/m
599	09/12/2018 12:21:21 PM	0.5817 V/m	0.5535 V/m	0.5329 V/m
600	09/12/2018 12:21:31 PM	0.6359 V/m	0.5698 V/m	0.5339 V/m
601	09/12/2018 12:21:41 PM	0.5958 V/m	0.5659 V/m	0.5446 V/m
602	09/12/2018 12:21:51 PM	0.5916 V/m	0.5657 V/m	0.5396 V/m
603	09/12/2018 12:22:01 PM	0.6049 V/m	0.5604 V/m	0.5282 V/m
604	09/12/2018 12:22:11 PM	0.6589 V/m	0.5716 V/m	0.5446 V/m
605	09/12/2018 12:22:21 PM	0.6085 V/m	0.5756 V/m	0.5492 V/m
606	09/12/2018 12:22:31 PM	0.6090 V/m	0.5623 V/m	0.5396 V/m
607	09/12/2018 12:22:41 PM	0.6026 V/m	0.5569 V/m	0.5183 V/m
608	09/12/2018 12:22:51 PM	0.5907 V/m	0.5468 V/m	0.5267 V/m
609	09/12/2018 12:23:01 PM	0.6003 V/m	0.5613 V/m	0.5380 V/m
610	09/12/2018 12:23:11 PM	0.5712 V/m	0.5435 V/m	0.5188 V/m
611	09/12/2018 12:23:21 PM	0.5756 V/m	0.5502 V/m	0.5204 V/m
612	09/12/2018 12:23:31 PM	0.5784 V/m	0.5490 V/m	0.5161 V/m
613	09/12/2018 12:23:41 PM	0.5799 V/m	0.5585 V/m	0.5360 V/m
614	09/12/2018 12:23:51 PM	0.6103 V/m	0.5621 V/m	0.5319 V/m
615	09/12/2018 12:24:01 PM	0.6325 V/m	0.5615 V/m	0.5059 V/m
616	09/12/2018 12:24:11 PM	0.6589 V/m	0.5737 V/m	0.5167 V/m
617	09/12/2018 12:24:21 PM	0.7195 V/m	0.5865 V/m	0.5472 V/m
618	09/12/2018 12:24:31 PM	0.7203 V/m	0.5786 V/m	0.5283 V/m
619	09/12/2018 12:24:41 PM	0.6072 V/m	0.5804 V/m	0.5487 V/m
620	09/12/2018 12:24:51 PM	0.5925 V/m	0.5719 V/m	0.5547 V/m
621	09/12/2018 12:25:01 PM	0.6180 V/m	0.5638 V/m	0.5319 V/m
622	09/12/2018 12:25:11 PM	0.5813 V/m	0.5558 V/m	0.5241 V/m
623	09/12/2018 12:25:21 PM	0.6492 V/m	0.5579 V/m	0.5230 V/m
624	09/12/2018 12:25:31 PM	0.6471 V/m	0.5754 V/m	0.5016 V/m
625	09/12/2018 12:25:41 PM	0.6126 V/m	0.5773 V/m	0.5482 V/m

626	09/12/2018 12:25:51 PM	0.6351 V/m	0.5891 V/m	0.5436 V/m
627	09/12/2018 12:26:01 PM	0.6424 V/m	0.5771 V/m	0.5314 V/m
628	09/12/2018 12:26:11 PM	0.5893 V/m	0.5688 V/m	0.5386 V/m
629	09/12/2018 12:26:21 PM	0.6303 V/m	0.5966 V/m	0.5664 V/m
630	09/12/2018 12:26:31 PM	0.6509 V/m	0.5835 V/m	0.5416 V/m
631	09/12/2018 12:26:41 PM	0.7484 V/m	0.6194 V/m	0.5803 V/m
632	09/12/2018 12:26:51 PM	0.6651 V/m	0.5957 V/m	0.5630 V/m
633	09/12/2018 12:27:01 PM	0.5980 V/m	0.5688 V/m	0.5451 V/m
634	09/12/2018 12:27:11 PM	0.5813 V/m	0.5496 V/m	0.5092 V/m
635	09/12/2018 12:27:21 PM	0.6126 V/m	0.5797 V/m	0.5421 V/m
636	09/12/2018 12:27:31 PM	0.5934 V/m	0.5512 V/m	0.5225 V/m
637	09/12/2018 12:27:41 PM	0.5976 V/m	0.5416 V/m	0.5209 V/m
638	09/12/2018 12:27:51 PM	0.7013 V/m	0.6281 V/m	0.5256 V/m
639	09/12/2018 12:28:01 PM	0.6930 V/m	0.6376 V/m	0.6202 V/m
640	09/12/2018 12:28:11 PM	0.6483 V/m	0.5735 V/m	0.5375 V/m
641	09/12/2018 12:28:21 PM	0.5883 V/m	0.5551 V/m	0.5345 V/m
642	09/12/2018 12:28:31 PM	0.5770 V/m	0.5555 V/m	0.5277 V/m
643	09/12/2018 12:28:41 PM	0.6040 V/m	0.5621 V/m	0.5272 V/m
644	09/12/2018 12:28:51 PM	0.6058 V/m	0.5619 V/m	0.5411 V/m
645	09/12/2018 12:29:01 PM	0.6377 V/m	0.5745 V/m	0.5230 V/m
646	09/12/2018 12:29:11 PM	0.6135 V/m	0.5745 V/m	0.5386 V/m
647	09/12/2018 12:29:21 PM	0.5967 V/m	0.5584 V/m	0.5172 V/m
648	09/12/2018 12:29:31 PM	0.6626 V/m	0.5704 V/m	0.5426 V/m
649	09/12/2018 12:29:41 PM	0.6962 V/m	0.5788 V/m	0.5340 V/m
650	09/12/2018 12:29:51 PM	0.6424 V/m	0.5908 V/m	0.5591 V/m
651	09/12/2018 12:30:01 PM	0.6126 V/m	0.5820 V/m	0.5522 V/m
652	09/12/2018 12:30:11 PM	0.6385 V/m	0.5929 V/m	0.5547 V/m
653	09/12/2018 12:30:21 PM	0.6758 V/m	0.6057 V/m	0.5708 V/m
654	09/12/2018 12:30:31 PM	0.6742 V/m	0.5918 V/m	0.5492 V/m
655	09/12/2018 12:30:41 PM	0.6509 V/m	0.5818 V/m	0.5441 V/m
656	09/12/2018 12:30:51 PM	0.6153 V/m	0.5568 V/m	0.5246 V/m
657	09/12/2018 12:31:01 PM	0.6974 V/m	0.5776 V/m	0.5241 V/m
658	09/12/2018 12:31:11 PM	0.5962 V/m	0.5495 V/m	0.5183 V/m
659	09/12/2018 12:31:21 PM	0.6045 V/m	0.5587 V/m	0.5303 V/m
660	09/12/2018 12:31:31 PM	0.6428 V/m	0.5710 V/m	0.5436 V/m
661	09/12/2018 12:31:41 PM	0.6911 V/m	0.5771 V/m	0.5140 V/m
662	09/12/2018 12:31:51 PM	0.7313 V/m	0.6045 V/m	0.5502 V/m
663	09/12/2018 12:32:01 PM	0.7666 V/m	0.6266 V/m	0.5789 V/m
664	09/12/2018 12:32:11 PM	0.7384 V/m	0.6356 V/m	0.5883 V/m
665	09/12/2018 12:32:21 PM	0.7088 V/m	0.6064 V/m	0.5551 V/m
666	09/12/2018 12:32:31 PM	0.6368 V/m	0.5855 V/m	0.5537 V/m
667	09/12/2018 12:32:41 PM	0.6135 V/m	0.5881 V/m	0.5684 V/m
668	09/12/2018 12:32:51 PM	0.5990 V/m	0.5731 V/m	0.5426 V/m
669	09/12/2018 12:33:01 PM	0.6058 V/m	0.5700 V/m	0.5396 V/m
670	09/12/2018 12:33:11 PM	0.6709 V/m	0.6020 V/m	0.5370 V/m
671	09/12/2018 12:33:21 PM	0.7173 V/m	0.6290 V/m	0.5620 V/m
672	09/12/2018 12:33:31 PM	0.6085 V/m	0.5732 V/m	0.5406 V/m
673	09/12/2018 12:33:41 PM	0.6774 V/m	0.5884 V/m	0.5381 V/m
674	09/12/2018 12:33:51 PM	0.6733 V/m	0.5883 V/m	0.5401 V/m
675	09/12/2018 12:34:01 PM	0.7037 V/m	0.6302 V/m	0.5517 V/m
676	09/12/2018 12:34:11 PM	0.7076 V/m	0.5939 V/m	0.5396 V/m
677	09/12/2018 12:34:21 PM	0.6496 V/m	0.5654 V/m	0.5145 V/m
678	09/12/2018 12:34:31 PM	0.6290 V/m	0.5607 V/m	0.5319 V/m
679	09/12/2018 12:34:41 PM	0.6745 V/m	0.5837 V/m	0.5298 V/m
680	09/12/2018 12:34:51 PM	0.6626 V/m	0.5743 V/m	0.5262 V/m
681	09/12/2018 12:35:01 PM	0.6320 V/m	0.5687 V/m	0.5355 V/m
682	09/12/2018 12:35:11 PM	0.5892 V/m	0.5664 V/m	0.5487 V/m
683	09/12/2018 12:35:21 PM	0.7056 V/m	0.6092 V/m	0.5502 V/m
684	09/12/2018 12:35:31 PM	0.6659 V/m	0.5916 V/m	0.5517 V/m
685	09/12/2018 12:35:41 PM	0.7662 V/m	0.6703 V/m	0.5684 V/m
686	09/12/2018 12:35:51 PM	0.6982 V/m	0.5966 V/m	0.5230 V/m
687	09/12/2018 12:36:01 PM	0.6094 V/m	0.5649 V/m	0.5303 V/m
688	09/12/2018 12:36:11 PM	0.6831 V/m	0.5810 V/m	0.5365 V/m

689	09/12/2018 12:36:21 PM	0.7115 V/m	0.5991 V/m	0.5462 V/m
690	09/12/2018 12:36:31 PM	0.6509 V/m	0.5773 V/m	0.5076 V/m
691	09/12/2018 12:36:41 PM	0.6526 V/m	0.5780 V/m	0.5277 V/m
692	09/12/2018 12:36:51 PM	0.6333 V/m	0.5582 V/m	0.5070 V/m
693	09/12/2018 12:37:01 PM	0.6806 V/m	0.5789 V/m	0.5283 V/m
694	09/12/2018 12:37:11 PM	0.6526 V/m	0.5783 V/m	0.5314 V/m
695	09/12/2018 12:37:21 PM	0.7134 V/m	0.5945 V/m	0.5220 V/m
696	09/12/2018 12:37:31 PM	0.6919 V/m	0.5859 V/m	0.5426 V/m
697	09/12/2018 12:37:41 PM	0.5836 V/m	0.5588 V/m	0.5386 V/m
698	09/12/2018 12:37:51 PM	0.6126 V/m	0.5705 V/m	0.5416 V/m
699	09/12/2018 12:38:01 PM	0.7157 V/m	0.6058 V/m	0.5411 V/m
700	09/12/2018 12:38:11 PM	0.6786 V/m	0.5914 V/m	0.5436 V/m
701	09/12/2018 12:38:21 PM	0.7045 V/m	0.6179 V/m	0.5386 V/m
702	09/12/2018 12:38:31 PM	0.5934 V/m	0.5542 V/m	0.5177 V/m
703	09/12/2018 12:38:41 PM	0.6766 V/m	0.5997 V/m	0.5502 V/m
704	09/12/2018 12:38:51 PM	0.7084 V/m	0.6002 V/m	0.5350 V/m
705	09/12/2018 12:39:01 PM	0.6843 V/m	0.5910 V/m	0.5380 V/m
706	09/12/2018 12:39:11 PM	0.6307 V/m	0.5741 V/m	0.5391 V/m
707	09/12/2018 12:39:21 PM	0.6144 V/m	0.5576 V/m	0.4933 V/m
708	09/12/2018 12:39:31 PM	0.6121 V/m	0.5624 V/m	0.5092 V/m
709	09/12/2018 12:39:41 PM	0.6790 V/m	0.5752 V/m	0.5391 V/m
710	09/12/2018 12:39:51 PM	0.6950 V/m	0.6131 V/m	0.5355 V/m
711	09/12/2018 12:40:01 PM	0.5967 V/m	0.5596 V/m	0.5283 V/m
712	09/12/2018 12:40:11 PM	0.6157 V/m	0.5679 V/m	0.5293 V/m
713	09/12/2018 12:40:21 PM	0.5822 V/m	0.5514 V/m	0.5209 V/m
714	09/12/2018 12:40:31 PM	0.5693 V/m	0.5387 V/m	0.5065 V/m
715	09/12/2018 12:40:41 PM	0.5684 V/m	0.5502 V/m	0.5277 V/m
716	09/12/2018 12:40:51 PM	0.6672 V/m	0.5728 V/m	0.5370 V/m
717	09/12/2018 12:41:01 PM	0.6647 V/m	0.5812 V/m	0.5431 V/m
718	09/12/2018 12:41:11 PM	0.5625 V/m	0.5469 V/m	0.5324 V/m
719	09/12/2018 12:41:21 PM	0.6950 V/m	0.5884 V/m	0.5214 V/m
720	09/12/2018 12:41:31 PM	0.7199 V/m	0.6089 V/m	0.5442 V/m

Graph





## Parameters

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Number of Sub Indices	720
Storing Date	09/12/2018
Storing Time	10:41:31 AM
Dataset Type	TIM
Voice Comment Available	NO
Dataset Fine Type	T1
GPS Flag	NO
Device Product Name	NBM-550
Device Serial Number	B-0507
Device Cal Due Date	05/15/2020
Probe Product Name	EF0391
Probe Serial Number	A-0636
Probe Cal Due Date	05/16/2020
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  
północno  
-zachodnim

Fot. 2. Rejon badań, widok w kierunku  
wschodnim





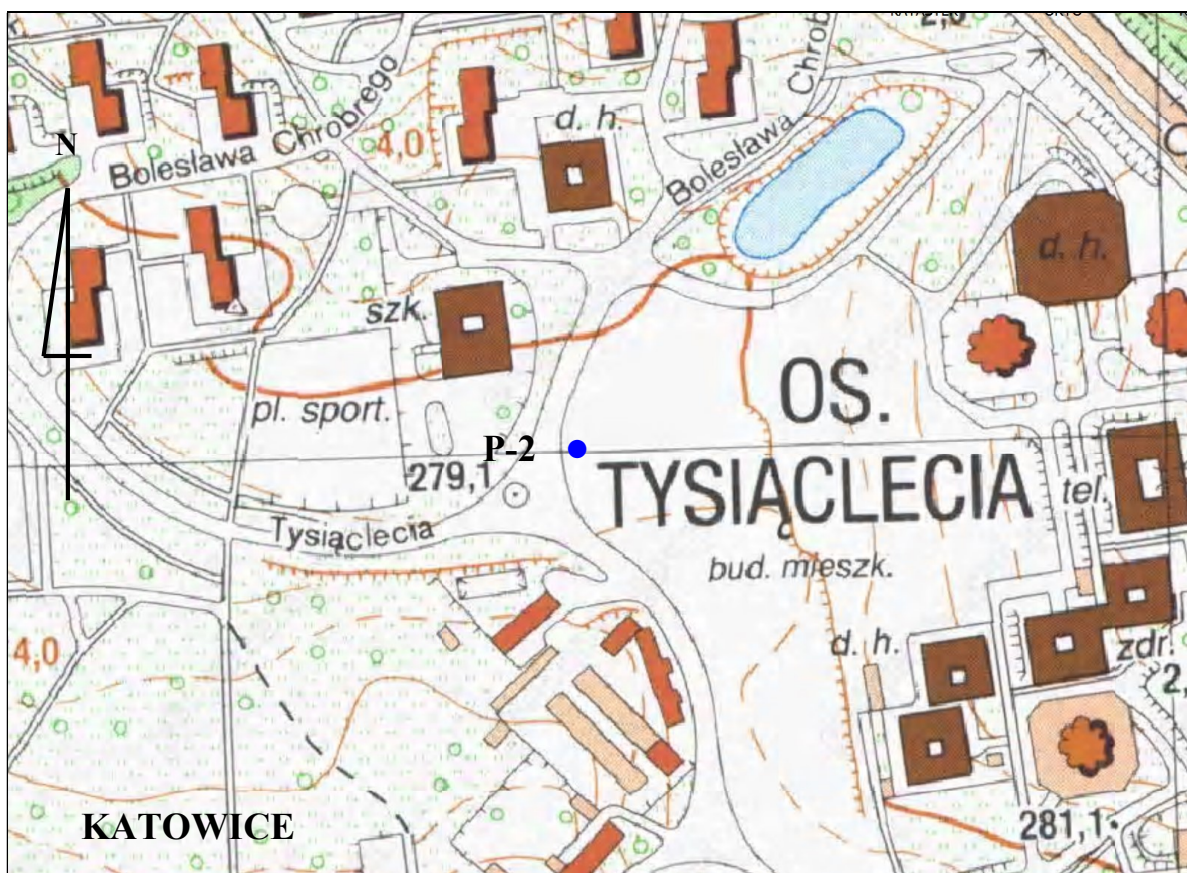


Fot. 3. Rejon badań, widok w kierunku północnym

Fot. 4. Przyrząd pomiarowy w trakcie wykonywanego badania







Oznaczenia:

- P-2 – punkt pomiarowy poziomów pól elektromagnetycznych w środowisku

Ryc. Szkic sytuacyjny rejonu badań.