

WYNIKI CIĄGLYCH POMIARÓW HAŁASU W ŚRODOWISKU  
DLA PORTU LOTNICZEGO IM. F. CHOPINA W WARSZAWIE

**Nazwa obiektu:** Punkt pomiarowy nr 7 „Kossutha”

Data wykonania pomiaru:

początek: 01-07-2012

koniec: 31-07-2012

Lokalizacja punktu pomiarowego: Warszawa, ul. Kossutha 4

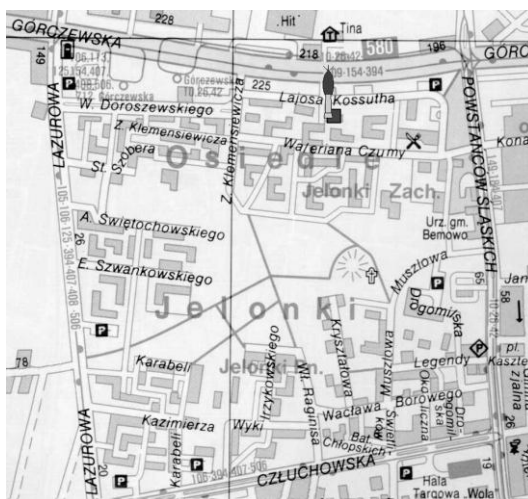
Układ współrzędnych: WGS 84

Szerokość geograficzna: N 52° 14' 15,7”

Długość geograficzna: E 20° 54' 30,4”

Względna wysokość punktu pomiarowego [m]: 37

**Szkic sytuacyjny:**



**Metoda badań:**

Metoda ciągłych lub okresowych pomiarów monitoringowych: metodyka referencyjna, określona w załączniku nr 1 do rozporządzenia Ministra Środowiska z dnia 02.10.2007 w sprawie wymagań w zakresie prowadzenia pomiarów poziomów w środowisku substancji lub energii przez zarządzającego drogą, linią kolejową, linią tramwajową, lotniskiem, portem.

**Aparatura pomiarowa:**

Analizator poziomu dźwięku (producent; nr typu): Lochard, EMU-2

Mikrofon/sonda mikrofonowa (producent; nr typu): Lochard, 41DM-2

Świadectwo uwierzytelnienia: decyzja nr ZT 96/2006 zatwierdzająca typ mierników poziomu dźwięku o znaku fabrycznym EMU2, produkowanych przez Lochard Ltd., wydana

dnia 13.04.2006 r. przez Prezesa Głównego Urzędu Miar.

Wzorzec akustyczny (producent; nr typu) Brüel & Kjær; 4228.

**Oznaczenia:**

A – lądowanie

D – start

**Pora dnia**

Data i godz. zdarzenia	Samolot	Operacja	LAeq	LAmx	LAE
01-07-2012 17:55:04	B763	D	69.2	71.7	81.7
01-07-2012 18:35:24	E170	D	66.6	68.4	78.6
01-07-2012 18:39:59	B763	D	73.7	78.3	87.1
01-07-2012 18:47:08	B763	D	69.1	72.5	83.2
01-07-2012 20:35:09	A320	D	64.8	66.4	73.9
02-07-2012 07:25:35	AN26	D	66.2	67.9	78.8
02-07-2012 13:17:24	B763	D	76.3	81.0	89.9
02-07-2012 13:21:21	E170	D	66.9	69.2	78.7
02-07-2012 14:47:44	B763	D	72.3	75.7	85.3
02-07-2012 17:55:29	B763	D	72.3	75.2	85.5
02-07-2012 18:03:13	B763	D	73.3	77.6	87.3
02-07-2012 18:18:26	B763	D	71.6	74.9	83.6
03-07-2012 12:51:01	B763	D	71.9	76.2	86.1
03-07-2012 20:05:50	B734	A	72.6	75.0	84.7
03-07-2012 20:14:47	A320	D	65.6	66.8	76.4
03-07-2012 20:21:29	B738	A	72.9	78.4	86.6
03-07-2012 20:23:51	E170	A	68.6	73.0	82.9
03-07-2012 20:26:08	A319	A	71.7	75.8	85.5
03-07-2012 20:28:48	A320	A	71.6	74.4	84.6
03-07-2012 20:34:35	E170	A	68.8	71.6	81.4
04-07-2012 09:11:52	MD11	D	71.2	74.7	85.3
04-07-2012 11:29:28	E170	D	66.2	67.0	77.3
04-07-2012 12:43:18	B734	D	72.9	76.7	86.1
04-07-2012 13:35:01	B763	D	73.8	78.2	87.4
04-07-2012 15:14:29	B733	D	65.2	66.5	74.2
04-07-2012 15:47:57	B763	D	73.5	77.8	83.9
04-07-2012 16:13:43	E170	D	66.2	67.5	76.2
04-07-2012 16:31:07	E170	D	65.7	66.9	76.1
04-07-2012 17:05:42	B763	D	71.9	75.8	85.7
04-07-2012 17:45:20	E190	D	65.6	66.5	77.9
04-07-2012 18:15:56	B763	D	69.7	72.6	83.1
05-07-2012 09:02:58	A320	D	66.7	69.7	77.1
05-07-2012 11:01:22	A320	D	64.6	65.7	75.8
07-07-2012 15:37:49	A124	A	71.3	76.8	87.2
07-07-2012 20:06:29	E190	D	67.8	69.6	78.6
08-07-2012 06:27:52	B738	D	66.9	69.5	77.7
08-07-2012 11:47:35	E170	D	66.5	69.6	79.5
08-07-2012 12:42:34	B763	D	70.1	75.5	85.3
08-07-2012 14:53:25	B763	D	69.6	73.0	82.2
08-07-2012 17:06:10	B763	D	72.0	76.3	86.7
08-07-2012 20:26:12	A320	D	68.1	70.3	78.5
09-07-2012 11:52:00	B735	D	69.0	71.8	81.5
09-07-2012 12:59:29	B763	D	73.6	76.9	86.6
09-07-2012 13:17:32	E190	D	65.9	67.1	77.7
09-07-2012 14:58:06	B763	D	70.6	75.3	84.0
09-07-2012 16:33:16	A319	D	65.3	67.1	75.8
09-07-2012 16:34:40	E190	D	66.7	68.5	77.5

<b>Data i godz. zdarzenia</b>	<b>Samolot</b>	<b>Operacja</b>	<b>LAeq</b>	<b>LAmx</b>	<b>LAE</b>
09-07-2012 16:59:50	E170	D	65.8	67.1	79.1
09-07-2012 17:58:47	B763	D	69.7	75.1	84.3
11-07-2012 17:52:54	MD11	D	79.7	85.2	94.2
11-07-2012 19:07:31	E190	D	66.2	68.2	78.2
11-07-2012 19:34:32	A320	D	68.1	71.9	80.4
11-07-2012 21:13:30	MD11	D	69.8	73.0	83.8
12-07-2012 06:58:13	SF34	D	66.8	68.7	75.8
12-07-2012 09:33:43	B735	A	65.0	65.6	75.4
12-07-2012 09:45:37	E170	D	65.6	66.5	77.1
12-07-2012 09:55:39	A320	D	65.6	66.2	75.6
12-07-2012 11:54:40	E170	D	69.6	72.5	83.7
12-07-2012 13:01:06	B763	D	74.0	79.7	89.7
12-07-2012 13:20:27	B763	D	70.5	74.9	85.4
12-07-2012 16:55:41	B763	D	70.1	73.3	84.8
12-07-2012 17:14:58	E170	A	68.2	73.3	87.3
12-07-2012 17:18:17	E170	D	69.6	74.5	84.2
12-07-2012 17:21:34	E170	D	67.3	70.8	81.0
12-07-2012 17:42:32	B763	D	70.8	74.0	84.6
12-07-2012 18:15:05	B763	D	73.1	78.0	87.7
12-07-2012 18:27:32	E170	D	65.4	68.4	75.4
13-07-2012 07:13:27	E190	D	67.8	69.5	79.8
13-07-2012 08:38:09	E170	D	64.8	65.6	74.8
13-07-2012 12:43:12	B763	D	74.5	79.1	88.8
13-07-2012 13:10:50	E190	D	68.8	71.5	80.9
13-07-2012 13:22:59	B763	D	74.6	79.3	88.4
13-07-2012 13:26:03	AN26	D	68.8	72.6	83.7
13-07-2012 17:55:39	B763	D	71.7	74.9	84.5
13-07-2012 17:59:59	B763	D	76.8	81.5	90.1
13-07-2012 18:16:53	A320	D	67.5	70.3	79.5
14-07-2012 08:22:59	F70	A	67.2	68.3	78.9
14-07-2012 08:27:19	CRJ9	A	68.9	71.4	80.6
14-07-2012 08:30:52	A321	A	71.2	75.3	84.4
14-07-2012 08:36:37	B763	A	68.1	72.0	81.9
14-07-2012 08:39:25	A320	A	70.3	72.7	82.9
14-07-2012 08:41:45	B737	A	71.1	73.6	83.4
14-07-2012 08:44:41	AT72	A	70.4	72.4	82.5
14-07-2012 08:48:15	F100	A	69.4	71.8	81.4
14-07-2012 08:54:33	B734	A	68.7	70.9	81.5
14-07-2012 09:02:12	E190	A	69.2	72.1	82.6
14-07-2012 09:20:35	E170	A	69.1	71.3	81.1
14-07-2012 09:23:57	E170	A	69.7	72.4	82.7
14-07-2012 09:27:00	AT72	A	69.8	72.2	81.8
14-07-2012 09:31:19	E190	A	69.1	72.2	82.3
14-07-2012 09:34:04	E170	A	69.4	71.8	81.7
14-07-2012 09:37:53	B735	A	74.5	77.4	88.3
14-07-2012 09:44:03	A320	A	70.7	73.5	83.7
14-07-2012 09:46:34	A320	A	68.9	70.9	81.0
14-07-2012 09:49:33	A320	A	69.1	73.1	82.5
14-07-2012 09:51:50	A320	A	70.8	73.8	83.6
14-07-2012 09:54:25	E170	A	69.7	71.4	81.2
14-07-2012 09:57:03	AT72	A	71.0	73.9	84.0
14-07-2012 09:59:32	E170	A	69.4	73.6	84.6
14-07-2012 10:04:42	A319	A	71.0	74.1	84.0
14-07-2012 10:15:45	E170	A	69.3	72.5	83.8

<b>Data i godz. zdarzenia</b>	<b>Samolot</b>	<b>Operacja</b>	<b>LAeq</b>	<b>LAmax</b>	<b>LAE</b>
14-07-2012 10:19:12	A319	A	70.0	73.4	83.4
14-07-2012 10:23:08	E170	A	69.6	71.8	81.9
14-07-2012 10:32:39	E170	A	69.6	72.1	81.3
14-07-2012 10:35:22	E170	A	69.5	72.2	81.8
14-07-2012 10:37:17	A320	A	71.3	74.2	85.1
14-07-2012 10:39:30	E170	A	69.5	71.7	81.5
14-07-2012 10:43:03	A320	A	71.5	75.5	85.1
14-07-2012 10:45:27	A320	A	70.5	73.0	82.3
14-07-2012 10:47:33	A320	A	69.5	72.6	83.1
14-07-2012 10:50:20	B738	A	72.3	75.7	85.9
14-07-2012 10:53:11	AT72	A	72.1	75.9	85.7
14-07-2012 10:55:48	A320	A	70.1	73.4	83.1
14-07-2012 10:58:12	B738	A	72.2	76.5	86.2
14-07-2012 11:01:04	E170	A	69.3	71.7	81.0
14-07-2012 11:05:25	B763	A	72.7	76.3	86.5
14-07-2012 11:08:25	E170	A	69.4	72.6	82.0
14-07-2012 11:13:19	A320	A	69.6	72.1	82.2
14-07-2012 11:20:33	E170	A	69.5	73.7	83.2
14-07-2012 11:25:28	E170	A	69.3	71.9	82.3
14-07-2012 11:28:36	B738	A	71.0	73.7	84.0
14-07-2012 11:31:37	A318	A	69.1	71.0	80.9
14-07-2012 11:50:02	B738	A	71.0	73.4	83.3
14-07-2012 11:53:30	A320	A	71.5	75.9	85.2
14-07-2012 11:56:14	A320	A	70.0	72.3	83.0
14-07-2012 11:58:41	E170	A	70.8	73.3	81.9
14-07-2012 20:19:29	E190	D	68.0	70.1	78.8
14-07-2012 20:21:47	A320	D	68.7	71.6	82.1
14-07-2012 20:51:05	A320	D	66.5	69.6	78.3
15-07-2012 07:09:51	B738	D	69.0	72.9	82.4
15-07-2012 12:50:49	B763	D	72.7	77.0	86.1
15-07-2012 12:59:57	B763	D	70.8	74.7	86.0
15-07-2012 17:12:48	B763	D	70.4	73.3	83.4
15-07-2012 17:15:51	B763	D	70.8	74.5	84.8
15-07-2012 19:52:26	A320	D	65.2	66.1	74.7
16-07-2012 07:56:18	E170	D	65.8	67.1	82.1
16-07-2012 11:09:41	E170	D	67.3	70.4	83.7
16-07-2012 11:27:19	B734	D	67.2	71.4	77.2
16-07-2012 11:40:20	BE40	D	65.1	65.7	74.1
16-07-2012 12:47:21	B763	D	70.6	75.8	86.1
16-07-2012 12:54:11	B763	D	73.4	77.9	87.7
16-07-2012 15:13:21	E170	D	66.3	68.9	84.1
16-07-2012 17:15:17	B763	D	68.9	72.7	84.0
16-07-2012 17:56:21	B763	D	70.7	74.4	84.3
16-07-2012 18:21:12	E170	D	67.2	69.1	80.6
16-07-2012 19:38:57	A320	D	67.7	70.2	81.1
17-07-2012 08:35:58	MD11	D	68.6	71.9	82.8
17-07-2012 11:20:58	A320	D	71.4	74.9	84.8
17-07-2012 13:09:15	B763	D	70.8	75.6	85.3
17-07-2012 13:17:09	B763	D	72.6	77.6	86.8
17-07-2012 13:30:20	AN26	D	72.3	77.6	87.9
17-07-2012 13:55:00	B734	A	71.8	76.0	84.6
17-07-2012 13:57:31	AT72	A	71.2	74.2	83.9
17-07-2012 14:01:01	B734	A	72.8	76.5	86.2
17-07-2012 14:07:32	DH8D	A	65.6	66.2	77.1

<b>Data i godz. zdarzenia</b>	<b>Samolot</b>	<b>Operacja</b>	<b>LAeq</b>	<b>LAmx</b>	<b>LAE</b>
17-07-2012 14:10:56	A320	A	71.4	74.9	85.3
17-07-2012 14:13:06	RJ1H	A	70.1	73.8	82.9
17-07-2012 14:30:28	E170	A	70.2	74.5	84.4
17-07-2012 14:34:21	E190	A	70.3	73.5	83.5
17-07-2012 14:37:43	E170	A	68.7	72.1	82.3
17-07-2012 14:40:41	B733	A	68.9	71.8	82.3
17-07-2012 14:44:26	E170	A	70.1	72.9	82.8
17-07-2012 14:48:46	B735	A	71.9	76.1	84.2
17-07-2012 14:51:13	A321	A	71.3	74.4	83.6
17-07-2012 14:54:11	AT72	A	70.4	74.9	83.6
17-07-2012 14:57:13	CRJ9	A	68.5	71.0	81.5
17-07-2012 15:00:37	A320	A	69.9	72.2	82.9
17-07-2012 15:03:34	E170	A	70.1	73.8	82.4
17-07-2012 15:06:14	A319	A	70.4	75.0	84.6
17-07-2012 15:08:13	E170	A	68.6	70.7	80.6
17-07-2012 16:58:31	B763	D	67.1	69.4	81.9
17-07-2012 17:04:22	B763	D	70.6	74.8	84.4
17-07-2012 19:05:21	E190	D	65.6	67.4	76.0
17-07-2012 21:24:18	MD11	D	69.0	72.4	83.3
18-07-2012 08:32:12	MD11	D	67.5	71.3	80.7
18-07-2012 13:10:10	E190	D	67.2	70.1	79.5
18-07-2012 13:17:19	B763	D	71.1	74.8	85.9
18-07-2012 13:41:40	B763	D	72.3	78.3	87.7
18-07-2012 14:55:16	E170	D	68.2	71.0	81.6
18-07-2012 15:14:09	B738	D	70.0	73.8	83.4
18-07-2012 17:08:57	B763	D	69.8	74.5	84.4
18-07-2012 17:11:21	E170	D	66.5	69.5	77.2
18-07-2012 17:43:44	B763	D	75.8	80.7	90.6
18-07-2012 21:25:40	MD11	D	70.3	73.5	85.3
19-07-2012 09:40:40	CL30	D	68.1	72.6	79.2
19-07-2012 11:01:05	E170	D	66.3	68.6	79.1
19-07-2012 11:23:38	B735	D	66.1	69.2	78.1
19-07-2012 15:57:54	B763	D	66.6	69.0	80.8
19-07-2012 16:58:53	B763	D	74.2	79.3	88.7
19-07-2012 17:34:46	B763	D	71.4	75.5	85.2
19-07-2012 18:37:20	B763	D	71.0	75.6	85.8
19-07-2012 20:40:20	A320	D	67.4	69.7	80.8
20-07-2012 09:09:59	A320	D	68.8	72.8	81.1
20-07-2012 09:51:41	E170	D	68.1	73.8	80.7
20-07-2012 11:05:28	AT72	D	65.1	66.7	74.1
20-07-2012 11:58:34	AT72	D	65.1	67.6	74.2
20-07-2012 13:04:40	E190	D	68.2	70.1	77.8
20-07-2012 15:20:01	B763	D	70.5	74.9	84.7
20-07-2012 16:10:49	B763	D	71.8	75.8	85.9
20-07-2012 17:54:38	B763	D	69.1	73.1	84.3
20-07-2012 20:08:34	B763	D	72.4	76.8	86.6
21-07-2012 14:14:19	B763	D	74.8	80.3	88.4
21-07-2012 14:16:27	B763	D	69.7	74.4	83.5
21-07-2012 17:46:56	B763	D	70.3	73.6	83.3
21-07-2012 18:17:23	B763	D	71.2	73.9	85.4
22-07-2012 06:19:13	B738	D	66.1	67.3	77.5
22-07-2012 06:57:38	E170	D	66.6	67.8	78.0
22-07-2012 12:51:35	B763	D	72.3	76.2	85.9
22-07-2012 17:03:44	B763	D	69.8	74.1	84.0

<b>Data i godz. zdarzenia</b>	<b>Samolot</b>	<b>Operacja</b>	<b>LAeq</b>	<b>LAmaz</b>	<b>LAE</b>
22-07-2012 17:10:35	B763	D	68.6	73.2	84.1
22-07-2012 17:44:31	B763	D	74.2	77.6	86.9
23-07-2012 08:21:41	E170	D	66.2	68.3	78.0
23-07-2012 12:38:03	B763	D	68.9	72.5	82.0
23-07-2012 12:50:17	B763	D	71.4	73.8	83.4
23-07-2012 15:22:59	E170	D	66.6	69.3	77.8
23-07-2012 17:26:48	B738	D	68.4	71.4	80.4
23-07-2012 17:34:19	B763	D	66.1	68.1	79.1
23-07-2012 18:29:24	B763	D	69.0	72.9	82.6
24-07-2012 08:31:32	SF34	A	66.8	68.6	79.1
24-07-2012 08:33:55	DH8D	A	68.6	70.5	80.7
24-07-2012 08:36:45	CRJ9	A	67.4	68.8	80.2
24-07-2012 08:41:50	A320	A	70.7	74.2	83.9
24-07-2012 08:48:42	B763	A	68.7	73.5	82.7
24-07-2012 08:51:33	PC12	A	68.2	70.7	81.7
24-07-2012 08:55:05	E170	A	68.7	71.3	81.4
24-07-2012 09:02:46	E170	A	67.5	70.4	80.3
24-07-2012 09:05:08	F100	A	67.7	69.4	79.2
24-07-2012 09:07:32	A321	A	69.1	71.2	81.4
24-07-2012 09:12:49	B738	A	72.2	77.1	87.0
24-07-2012 09:17:07	B738	A	68.9	72.1	81.7
24-07-2012 09:19:57	E170	A	70.7	74.1	83.9
24-07-2012 09:23:53	E170	A	68.9	71.9	80.4
24-07-2012 09:38:28	SF34	A	68.3	70.8	78.7
24-07-2012 09:40:42	B763	A	71.8	75.3	85.6
24-07-2012 09:42:55	E170	A	68.7	71.0	81.0
24-07-2012 09:45:33	A320	A	68.6	70.7	81.4
24-07-2012 09:48:17	E170	A	71.4	74.3	83.2
24-07-2012 09:52:12	E190	A	70.1	72.8	82.4
24-07-2012 09:55:01	B734	A	70.8	73.0	82.8
24-07-2012 09:57:36	E190	A	70.4	73.5	83.0
24-07-2012 10:03:56	AT72	A	67.9	69.9	78.7
24-07-2012 10:07:04	E170	A	68.9	71.7	81.5
24-07-2012 10:14:44	A319	A	71.3	74.4	83.9
24-07-2012 10:17:02	E170	A	67.1	70.2	79.2
24-07-2012 10:22:10	E170	A	70.3	74.8	83.3
24-07-2012 10:25:03	E170	A	69.6	72.2	82.2
24-07-2012 10:33:29	B738	A	70.2	72.8	83.2
24-07-2012 10:35:36	A320	A	68.9	70.5	81.9
24-07-2012 10:39:07	E170	A	70.0	72.9	83.2
24-07-2012 10:43:56	A319	A	71.1	73.4	83.4
24-07-2012 10:47:07	E190	A	68.6	72.3	82.3
24-07-2012 10:53:35	A320	A	68.2	70.8	80.5
24-07-2012 10:56:25	B735	A	69.5	74.2	82.9
24-07-2012 10:58:14	A320	A	70.4	73.0	82.5
26-07-2012 07:09:09	E170	D	67.1	69.2	79.4
26-07-2012 07:25:16	B733	D	66.8	67.8	77.9
26-07-2012 07:38:12	AN26	D	65.2	67.1	77.5
27-07-2012 07:26:11	B733	D	65.6	66.5	76.8
27-07-2012 07:27:34	AN26	D	67.0	69.5	80.8
27-07-2012 07:35:09	E190	D	66.3	66.8	76.7
27-07-2012 09:41:00	MD11	D	77.3	81.6	91.6
27-07-2012 11:29:15	E170	D	65.4	66.8	75.4
27-07-2012 12:41:24	B763	D	75.3	80.1	88.3

Data i godz. zdarzenia	Samolot	Operacja	LAeq	LAmaz	LAE
27-07-2012 13:15:13	B763	D	68.8	71.4	80.0
27-07-2012 17:47:56	B763	D	71.7	75.7	85.0
27-07-2012 17:55:08	B763	D	71.2	74.5	84.2
29-07-2012 12:41:18	B763	D	69.1	74.8	86.2
29-07-2012 13:14:08	A319	D	65.1	66.4	74.6
29-07-2012 15:55:41	B762	D	69.1	71.7	81.4
29-07-2012 16:38:04	B763	D	69.9	73.8	84.2
29-07-2012 17:19:39	B763	D	72.4	78.8	87.6
29-07-2012 17:21:34	B763	D	71.3	74.0	84.1
29-07-2012 19:45:10	A320	D	66.9	69.3	78.7
30-07-2012 12:50:18	B763	D	69.9	73.4	83.3
30-07-2012 12:54:41	B763	D	71.5	76.3	85.5
30-07-2012 17:13:09	B763	D	70.0	75.5	85.3
30-07-2012 18:05:54	B763	D	72.0	75.6	85.0
31-07-2012 06:55:52	CL30	D	66.3	68.3	76.7
31-07-2012 12:04:56	AN30	D	67.9	71.7	79.3
31-07-2012 12:54:06	B763	D	71.3	75.6	84.7
31-07-2012 13:20:22	B763	D	71.6	76.1	84.6
31-07-2012 17:03:12	B763	D	71.3	74.6	84.9
31-07-2012 18:39:44	B763	D	70.9	74.6	84.4
31-07-2012 21:18:44	E170	D	67.0	70.2	80.0
31-07-2012 21:28:52	MD11	D	69.9	73.9	84.2
				Średnia L <sub>AE</sub>	83.83
				Odchylenie stand. σ	3.75
				Przedział ufności Δ	0.45

Poziom równoważny dla pory dnia: L<sub>Aeq</sub>, LT = 55,66dB.

### Pora nocna

Data i godz. zdarzenia	Samolot	Operacja	LAeq	LAmaz	LAE
01-07-2012 22:03:45	A320	D	62.4	64.1	74.7
01-07-2012 22:18:47	AT72	A	69.2	73.9	83.8
01-07-2012 22:21:24	A320	A	70.5	74.9	84.8
01-07-2012 22:27:25	A320	A	71.6	77.0	86.5
03-07-2012 05:19:31	C56X	D	62.0	63.4	72.4
03-07-2012 22:00:29	A320	D	64.7	67.2	77.3
03-07-2012 22:48:42	AT72	D	64.3	65.9	76.0
03-07-2012 22:51:35	E170	D	66.8	71.4	82.9
04-07-2012 22:03:47	E170	D	62.6	65.9	76.3
08-07-2012 22:49:53	E170	D	64.4	67.5	78.6
08-07-2012 22:51:13	SF34	D	62.3	63.5	72.3
08-07-2012 23:05:00	E170	D	64.9	67.1	78.3
09-07-2012 22:53:38	E170	D	65.4	68.4	79.8
11-07-2012 22:01:12	B738	D	61.3	62.9	73.1
11-07-2012 22:52:31	E170	D	62.6	65.4	76.1
13-07-2012 00:22:33	B738	D	61.9	64.1	76.7
13-07-2012 22:48:25	E170	D	66.3	70.0	81.7
14-07-2012 03:42:27	A319	D	61.4	62.8	73.4
14-07-2012 05:06:16	B738	D	64.4	67.9	79.4
14-07-2012 22:52:07	E170	D	61.2	63.3	72.0
15-07-2012 22:58:25	E170	D	62.4	63.5	75.2
15-07-2012 23:03:52	B734	D	68.7	72.3	83.8

Data i godz. zdarzenia	Samolot	Operacja	LAeq	LAmaz	LAE
17-07-2012 22:21:11	B733	D	62.3	63.7	71.3
17-07-2012 22:59:57	E170	D	62.7	65.1	77.8
18-07-2012 22:56:57	E170	D	61.5	62.2	72.3
19-07-2012 22:35:38	B763	D	64.1	68.4	80.8
19-07-2012 22:49:33	E170	D	64.1	68.9	78.1
20-07-2012 23:00:13	B733	D	69.4	73.9	85.2
20-07-2012 23:02:56	E170	D	62.9	64.5	71.9
20-07-2012 23:05:21	E170	D	61.7	62.7	75.5
21-07-2012 00:20:40	MD11	D	68.2	73.8	85.0
21-07-2012 23:00:54	E170	D	65.5	70.6	78.2
22-07-2012 00:38:37	B734	D	60.7	61.4	70.3
22-07-2012 22:20:32	B738	D	61.4	62.0	71.0
23-07-2012 22:30:41	FA7X	D	66.4	69.6	80.0
24-07-2012 23:25:03	L410	D	62.0	63.2	72.7
28-07-2012 02:31:08	B733	D	62.7	63.7	72.7
29-07-2012 22:38:22	B738	D	61.6	62.5	74.2
30-07-2012 22:43:56	E170	D	63.4	65.4	77.2
31-07-2012 22:07:37	B733	D	61.9	63.1	73.4
31-07-2012 22:46:10	E170	D	61.4	62.3	72.9
31-07-2012 22:53:11	E170	D	62.0	63.9	76.0
				Średnia L <sub>AE</sub>	79.37
				Odchylenie stand. σ	5.11
				Przedział ufności Δ	1.55

Poziom równoważny dla pory nocy:  $L_{Aeq}$ ,  $LT = 44,89dB$ .

### Równoważny poziomy dźwięku dla pory dnia i nocy w odniesieniu do jednej doby

Dzień miesiąca Lipiec 2012	L Aeq dla pory dnia	L Aeq dla pory nocy
1	42.3	45.5
2	46.6	--
3	45.8	40.2
4	46.1	31.7
5	31.9	--
6	--	--
7	40.1	--
8	43.2	37.4
9	40.8	35.2
10	--	--
11	47.2	33.3
12	48.2	--
13	47.6	38.3
14	52.9	36.3
15	44.2	39.7
16	46.4	--
17	50.7	34.0
18	46.2	27.7
19	45.2	38.1



Dzień miesiąca Lipiec 2012	L Aeq dla pory dnia	L Aeq dla pory nocy
20	39.0	41.3
21	44.1	41.3
22	44.2	29.1
23	41.8	35.4
24	50.3	28.1
25	--	--
26	35.6	--
27	47.2	--
28	--	28.1
29	44.8	29.6
30	43.3	32.6
31	44.6	34.5

Bz - brak zdarzeń akustycznych spowodowanych ruchem lotniczym