



Data: 23/06/2020  
Empresa avaliada: TRI Táxi Aéreo Ltda  
Setor: Bell 206

Empresa avaliadora: Casa de Projeto  
Realizado por: Igor Heck

**Pontos de medição**

Evento	Nome	L [dB] Acq	L [dB] AFmax	L [dB] Cpeak
1	Ensaio05	53,18	69,29	88,67

**Calibração de laboratório**

Sonômetro: CR0480/2020 28/01/2020  
Calibrador de áudio: A0062/2020 13/02/2020

**Observações**

Residência de Marcelo Wasem Veeck.

Fábio Roberto Chaves  
Registro: CREA RS 214953



## Configurações

Evento: 1	Tarefa: Ensaio05
Tempo de amostragem [s]: 1	Duração: 00:13:07
Hora de início: 11:50:00	Tempo em pausa: 00:00:17
Hora de término: 12:03:06	Análise de oitavas: 1/3

## Verificação de campo @ 1kHz

Pré verificação [dB]: 114,00 (23/06/2020 11:49)
Pós verificação [dB]: 113,91 (23/06/2020 12:03)
Desvio [dB]: 00,09

## Resultados

L [dB]: 71,81 Zeq	L [dB]: 100,77 ZE	L [dB]: 100,74 Zpsak
L [dB]: 63,11 Ceq	L [dB]: 92,07 CE	L [dB]: 88,67 Cpsak
L [dB]: 53,18 Aeq	L [dB]: 82,14 AE	L [dB]: 82,62 Apsak

## Máx/Min

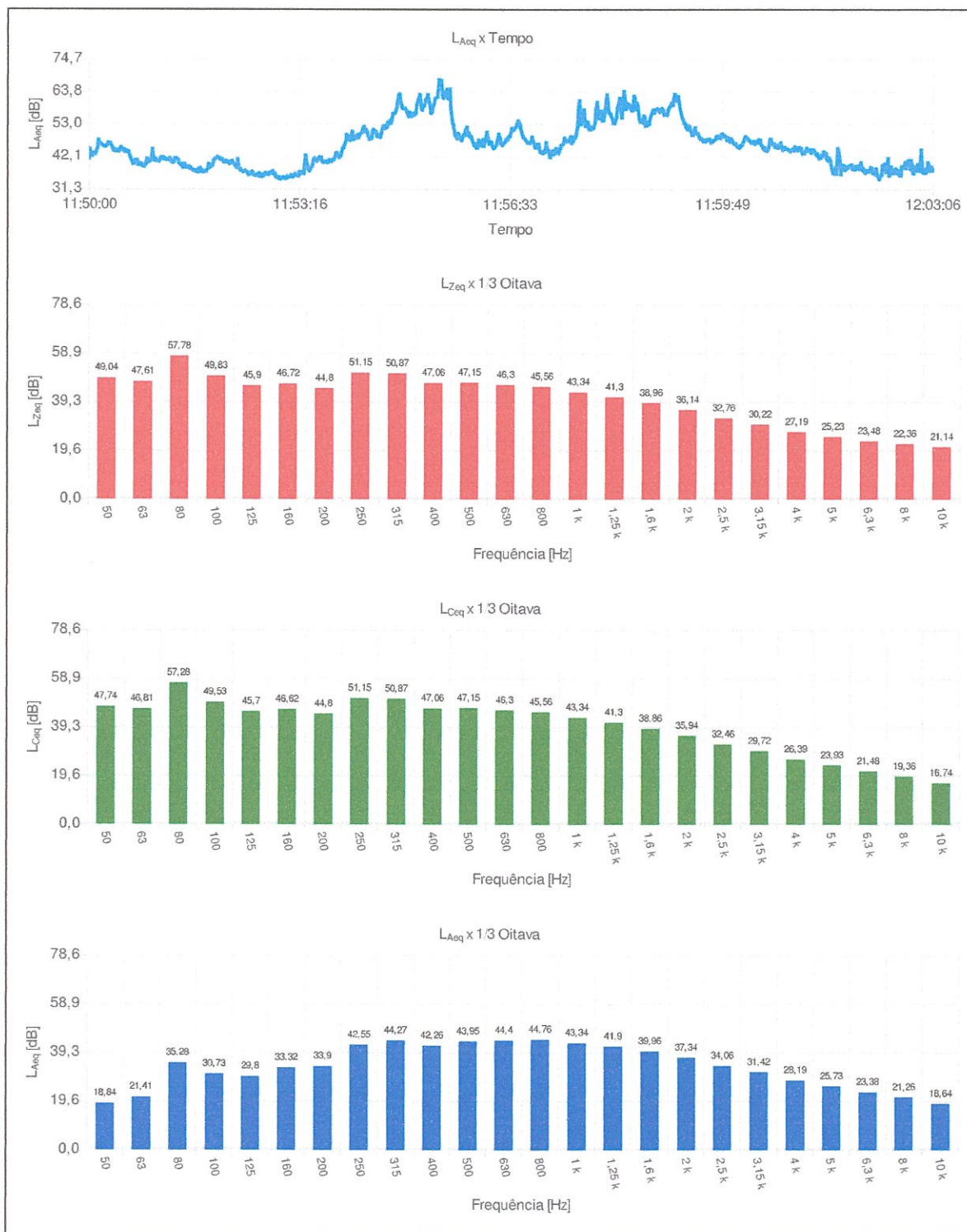
L [dB]: 42,92 Zlmin	L [dB]: 96,41 Zlmax	L [dB]: 44,99 ZFmin	L [dB]: 92,66 ZFmax	L [dB]: 46,59 ZSmin	L [dB]: 88,67 ZSmax
L [dB]: 40,99 Clmin	L [dB]: 83,32 Clmax	L [dB]: 42,37 CFmin	L [dB]: 80,76 CFmax	L [dB]: 43,88 CSmin	L [dB]: 75,92 CSmax
L [dB]: 33,31 Almin	L [dB]: 70,54 Almax	L [dB]: 34,11 AFmin	L [dB]: 69,29 AFmax	L [dB]: 34,80 ASmin	L [dB]: 67,47 ASmax

## Estatísticos

Ponderação em frequência: A					
Ponderação de tempo: Rápida (F)					
L [dB]: 60,80 05	L [dB]: 57,95 10	L [dB]: 45,36 50	L [dB]: 36,97 90	L [dB]: 35,95 95	



Gráficos





Ind	D/H	L <sub>eq,t</sub> [dB]	Ind	D/H	L <sub>eq,t</sub> [dB]	Ind	D/H	L <sub>eq,t</sub> [dB]	Ind	D/H	L <sub>eq,t</sub> [dB]
001	11:50:00	41,59	055	11:50:54	41,39	109	11:51:48	37,23	163	11:52:42	35,75
002	11:50:01	44,65	056	11:50:55	40,36	110	11:51:49	37,35	164	11:52:43	36,46
003	11:50:02	42,39	057	11:50:56	40,54	111	11:51:50	38,13	165	11:52:44	36,62
004	11:50:03	42,36	058	11:50:57	41,01	112	11:51:51	39,60	166	11:52:45	36,33
005	11:50:04	43,34	059	11:50:58	41,20	113	11:51:52	36,61	167	11:52:46	36,24
006	11:50:05	43,10	060	11:50:59	44,69	114	11:51:53	39,06	168	11:52:47	36,19
007	11:50:06	43,06	061	11:51:00	40,90	115	11:51:54	39,25	169	11:52:48	36,65
008	11:50:07	43,90	062	11:51:01	40,85	116	11:51:55	39,90	170	11:52:49	36,62
009	11:50:08	45,22	063	11:51:02	41,33	117	11:51:56	40,97	171	11:52:50	37,02
010	11:50:09	47,72	064	11:51:03	40,88	118	11:51:57	41,42	172	11:52:51	37,22
011	11:50:10	46,86	065	11:51:04	40,85	119	11:51:58	41,61	173	11:52:52	36,43
012	11:50:11	46,58	066	11:51:05	40,73	120	11:51:59	41,98	174	11:52:53	36,45
013	11:50:12	46,24	067	11:51:06	40,96	121	11:52:00	41,37	175	11:52:54	35,45
014	11:50:13	45,89	068	11:51:07	41,84	122	11:52:01	41,54	176	11:52:55	35,26
015	11:50:14	45,72	069	11:51:08	41,56	123	11:52:02	41,21	177	11:52:56	35,30
016	11:50:15	45,55	070	11:51:09	41,85	124	11:52:03	41,29	178	11:52:57	34,92
017	11:50:16	45,63	071	11:51:10	41,34	125	11:52:04	40,90	179	11:52:58	34,78
018	11:50:17	45,13	072	11:51:11	41,45	126	11:52:05	40,41	180	11:52:59	35,05
019	11:50:18	46,71	073	11:51:12	41,16	127	11:52:06	40,35	181	11:53:00	35,09
020	11:50:19	46,71	074	11:51:13	41,10	128	11:52:07	40,64	182	11:53:01	35,19
021	11:50:20	46,60	075	11:51:14	41,04	129	11:52:08	40,50	183	11:53:02	34,90
022	11:50:21	45,89	076	11:51:15	41,50	130	11:52:09	40,30	184	11:53:03	34,89
023	11:50:22	45,11	077	11:51:16	40,96	131	11:52:10	39,81	185	11:53:04	35,54
024	11:50:23	44,25	078	11:51:17	40,31	132	11:52:11	39,96	186	11:53:05	35,17
025	11:50:24	44,04	079	11:51:18	40,24	133	11:52:12	40,48	187	11:53:06	35,40
026	11:50:25	44,34	080	11:51:19	40,34	134	11:52:13	40,66	188	11:53:07	35,45
027	11:50:26	44,09	081	11:51:20	41,57	135	11:52:14	40,02	189	11:53:08	35,91
028	11:50:27	44,22	082	11:51:21	41,55	136	11:52:15	39,43	190	11:53:09	35,49
029	11:50:28	43,95	083	11:51:22	41,26	137	11:52:16	38,92	191	11:53:10	35,57
030	11:50:29	44,85	084	11:51:23	40,94	138	11:52:17	38,48	192	11:53:11	36,07
031	11:50:30	45,28	085	11:51:24	39,89	139	11:52:18	41,19	193	11:53:12	36,36
032	11:50:31	44,50	086	11:51:25	39,42	140	11:52:19	38,32	194	11:53:13	35,92
033	11:50:32	44,46	087	11:51:26	39,62	141	11:52:20	37,76	195	11:53:14	35,92
034	11:50:33	43,94	088	11:51:27	38,62	142	11:52:21	37,88	196	11:53:15	35,80
035	11:50:34	44,18	089	11:51:28	38,69	143	11:52:22	37,37	197	11:53:16	37,04
036	11:50:35	43,72	090	11:51:29	39,63	144	11:52:23	37,11	198	11:53:17	36,46
037	11:50:36	43,94	091	11:51:30	38,56	145	11:52:24	37,21	199	11:53:18	36,92
038	11:50:37	43,72	092	11:51:31	38,57	146	11:52:25	37,36	200	11:53:19	36,78
039	11:50:38	42,44	093	11:51:32	38,81	147	11:52:26	37,09	201	11:53:20	36,57
040	11:50:39	41,39	094	11:51:33	38,28	148	11:52:27	36,95	202	11:53:21	39,44
041	11:50:40	40,54	095	11:51:34	38,57	149	11:52:28	36,17	203	11:53:22	42,65
042	11:50:41	39,82	096	11:51:35	38,16	150	11:52:29	36,24	204	11:53:23	39,51
043	11:50:42	39,97	097	11:51:36	37,78	151	11:52:30	36,54	205	11:53:24	38,26
044	11:50:43	40,97	098	11:51:37	37,57	152	11:52:31	36,78	206	11:53:25	37,48
045	11:50:44	40,84	099	11:51:38	37,59	153	11:52:32	37,15	207	11:53:26	37,63
046	11:50:45	41,01	100	11:51:39	37,33	154	11:52:33	36,08	208	11:53:27	38,70
047	11:50:46	39,50	101	11:51:40	37,06	155	11:52:34	36,01	209	11:53:28	39,21
048	11:50:47	39,42	102	11:51:41	36,96	156	11:52:35	35,99	210	11:53:29	41,11
049	11:50:48	39,79	103	11:51:42	38,01	157	11:52:36	36,07	211	11:53:30	41,50
050	11:50:49	39,66	104	11:51:43	38,24	158	11:52:37	35,74	212	11:53:31	41,12
051	11:50:50	39,00	105	11:51:44	37,31	159	11:52:38	36,58	213	11:53:32	40,67
052	11:50:51	36,89	106	11:51:45	37,17	160	11:52:39	35,59	214	11:53:33	41,00
053	11:50:52	39,30	107	11:51:46	37,31	161	11:52:40	35,99	215	11:53:34	41,72
054	11:50:53	39,84	108	11:51:47	37,20	162	11:52:41	35,47	216	11:53:35	41,99



Ind	D/H	$L_{eq,1s}$ [dB]	Ind	D/H	$L_{eq,1s}$ [dB]	Ind	D/H	$L_{eq,1s}$ [dB]	Ind	D/H	$L_{eq,1s}$ [dB]
217	11:53:36	41,77	271	11:54:30	49,56	325	11:55:24	62,19	373	11:56:18	45,39
218	11:53:37	40,88	272	11:54:31	48,80	326	11:55:25	64,33	380	11:56:19	46,03
219	11:53:38	40,41	273	11:54:32	50,08	327	11:55:26	67,88	381	11:56:20	46,55
220	11:53:39	40,33	274	11:54:33	51,45	328	11:55:27	66,80	382	11:56:21	48,40
221	11:53:40	40,45	275	11:54:34	52,28	329	11:55:28	67,57	383	11:56:22	49,85
222	11:53:41	40,46	276	11:54:35	52,38	330	11:55:29	62,62	384	11:56:23	48,47
223	11:53:42	40,29	277	11:54:36	51,71	331	11:55:30	61,85	385	11:56:24	46,74
224	11:53:43	40,42	278	11:54:37	52,10	332	11:55:31	62,57	386	11:56:25	46,18
225	11:53:44	40,96	279	11:54:38	53,69	333	11:55:32	63,93	387	11:56:26	46,84
226	11:53:45	41,03	280	11:54:39	53,52	334	11:55:33	64,71	388	11:56:27	46,87
227	11:53:46	40,72	281	11:54:40	54,16	335	11:55:34	61,75	389	11:56:28	47,29
228	11:53:47	41,10	282	11:54:41	53,49	336	11:55:35	63,21	390	11:56:29	46,05
229	11:53:48	41,27	283	11:54:42	55,36	337	11:55:36	64,76	391	11:56:30	48,03
230	11:53:49	41,89	284	11:54:43	56,51	338	11:55:37	58,26	392	11:56:31	48,71
231	11:53:50	43,31	285	11:54:44	56,74	339	11:55:38	54,65	393	11:56:32	49,07
232	11:53:51	43,45	286	11:54:45	57,13	340	11:55:39	53,07	394	11:56:33	49,90
233	11:53:52	42,57	287	11:54:46	58,38	341	11:55:40	51,12	395	11:56:34	51,70
234	11:53:53	41,97	288	11:54:47	60,23	342	11:55:41	49,70	396	11:56:35	51,43
235	11:53:54	42,48	289	11:54:48	62,82	343	11:55:42	48,79	397	11:56:36	51,25
236	11:53:55	43,49	290	11:54:49	63,04	344	11:55:43	48,36	398	11:56:37	52,04
237	11:53:56	44,89	291	11:54:50	60,68	345	11:55:44	49,89	399	11:56:38	52,29
238	11:53:57	45,04	292	11:54:51	59,02	346	11:55:45	49,29	400	11:56:39	53,66
239	11:53:58	45,99	293	11:54:52	58,53	347	11:55:46	48,57	401	11:56:40	54,28
240	11:53:59	47,20	294	11:54:53	58,36	348	11:55:47	47,75	402	11:56:41	53,17
241	11:54:00	49,53	295	11:54:54	58,38	349	11:55:48	48,68	403	11:56:42	52,03
242	11:54:01	49,00	296	11:54:55	57,55	350	11:55:49	49,48	404	11:56:43	50,57
243	11:54:02	48,12	297	11:54:56	56,70	351	11:55:50	49,51	405	11:56:44	49,46
244	11:54:03	47,75	298	11:54:57	55,74	352	11:55:51	51,06	406	11:56:45	48,71
245	11:54:04	48,71	299	11:54:58	56,96	353	11:55:52	51,95	407	11:56:46	48,26
246	11:54:05	50,47	300	11:54:59	56,69	354	11:55:53	49,67	408	11:56:47	47,91
247	11:54:06	48,03	301	11:55:00	55,88	355	11:55:54	50,05	409	11:56:48	47,26
248	11:54:07	48,14	302	11:55:01	56,31	356	11:55:55	48,90	410	11:56:49	47,04
249	11:54:08	48,72	303	11:55:02	56,76	357	11:55:56	48,84	411	11:56:50	47,06
250	11:54:09	48,61	304	11:55:03	56,32	358	11:55:57	47,88	412	11:56:51	46,82
251	11:54:10	45,54	305	11:55:04	56,91	359	11:55:58	46,70	413	11:56:52	47,60
252	11:54:11	48,57	306	11:55:05	59,68	360	11:55:59	45,90	414	11:56:53	48,80
253	11:54:12	49,62	307	11:55:06	60,95	361	11:56:00	46,37	415	11:56:54	47,54
254	11:54:13	49,97	308	11:55:07	61,95	362	11:56:01	45,28	416	11:56:55	46,07
255	11:54:14	50,34	309	11:55:08	62,83	363	11:56:02	45,26	417	11:56:56	45,33
256	11:54:15	51,45	310	11:55:09	59,24	364	11:56:03	47,76	418	11:56:57	45,39
257	11:54:16	52,21	311	11:55:10	57,92	365	11:56:04	46,95	419	11:56:58	46,42
258	11:54:17	50,50	312	11:55:11	59,39	366	11:56:05	45,97	420	11:56:59	46,40
259	11:54:18	51,28	313	11:55:12	59,43	367	11:56:06	47,30	421	11:57:00	44,44
260	11:54:19	50,52	314	11:55:13	61,12	368	11:56:07	47,91	422	11:57:01	43,75
261	11:54:20	49,38	315	11:55:14	61,42	369	11:56:08	45,83	423	11:57:02	43,63
262	11:54:21	48,10	316	11:55:15	62,86	370	11:56:09	48,81	424	11:57:03	43,43
263	11:54:22	48,16	317	11:55:16	60,66	371	11:56:10	48,73	425	11:57:04	44,15
264	11:54:23	48,48	318	11:55:17	60,08	372	11:56:11	50,38	426	11:57:05	43,82
265	11:54:24	50,18	319	11:55:18	56,81	373	11:56:12	48,07	427	11:57:06	46,94
266	11:54:25	51,09	320	11:55:19	57,16	374	11:56:13	46,60	428	11:57:07	44,67
267	11:54:26	50,68	321	11:55:20	59,16	375	11:56:14	46,60	429	11:57:08	44,38
268	11:54:27	50,52	322	11:55:21	60,00	376	11:56:15	47,14	430	11:57:09	43,31
269	11:54:28	49,04	323	11:55:22	61,73	377	11:56:16	45,70	431	11:57:10	42,15
270	11:54:29	49,28	324	11:55:23	61,83	378	11:56:17	45,11	432	11:57:11	43,39



Ind	D/H	L <sub>med,1z</sub> [dB]	Ind	D/H	L <sub>med,1z</sub> [dB]	Ind	D/H	L <sub>med,1z</sub> [dB]	Ind	D/H	L <sub>med,1z</sub> [dB]
649	12:00:48	45,16	703	12:01:42	38,18	757	12:02:36	35,89			
650	12:00:49	44,99	704	12:01:43	39,17	758	12:02:37	38,95			
651	12:00:50	44,73	705	12:01:44	37,92	759	12:02:38	38,78			
652	12:00:51	44,66	706	12:01:45	38,09	760	12:02:39	38,78			
653	12:00:52	44,17	707	12:01:46	38,81	761	12:02:40	40,18			
654	12:00:53	44,06	708	12:01:47	36,79	762	12:02:41	38,42			
655	12:00:54	44,42	709	12:01:48	38,99	763	12:02:42	39,89			
656	12:00:55	44,60	710	12:01:49	39,34	764	12:02:43	40,85			
657	12:00:56	44,41	711	12:01:50	39,53	765	12:02:44	40,07			
658	12:00:57	45,57	712	12:01:51	38,23	766	12:02:45	38,31			
659	12:00:58	45,20	713	12:01:52	37,96	767	12:02:46	40,97			
660	12:00:59	45,09	714	12:01:53	38,08	768	12:02:47	37,22			
661	12:01:00	44,34	715	12:01:54	38,38	769	12:02:48	36,69			
662	12:01:01	44,58	716	12:01:55	38,45	770	12:02:49	38,92			
663	12:01:02	45,19	717	12:01:56	39,03	771	12:02:50	37,58			
664	12:01:03	44,74	718	12:01:57	39,22	772	12:02:51	37,53			
665	12:01:04	43,27	719	12:01:58	38,77	773	12:02:52	39,59			
666	12:01:05	43,45	720	12:01:59	40,18	774	12:02:53	38,40			
667	12:01:06	43,50	721	12:02:00	37,91	775	12:02:54	37,52			
668	12:01:07	44,03	722	12:02:01	38,23	776	12:02:55	44,53			
669	12:01:08	45,15	723	12:02:02	37,08	777	12:02:56	37,56			
670	12:01:09	44,16	724	12:02:03	36,89	778	12:02:57	36,96			
671	12:01:10	44,40	725	12:02:04	37,52	779	12:02:58	38,07			
672	12:01:11	44,55	726	12:02:05	37,36	780	12:02:59	36,91			
673	12:01:12	43,59	727	12:02:06	37,32	781	12:03:00	37,53			
674	12:01:13	44,42	728	12:02:07	37,58	782	12:03:01	40,27			
675	12:01:14	44,50	729	12:02:08	38,57	783	12:03:02	39,58			
676	12:01:15	44,21	730	12:02:09	38,33	784	12:03:03	37,51			
677	12:01:16	43,63	731	12:02:10	36,91	785	12:03:04	38,82			
678	12:01:17	42,81	732	12:02:11	36,86	786	12:03:05	38,22			
679	12:01:18	43,18	733	12:02:12	36,44	787	12:03:06	37,75			
680	12:01:19	42,14	734	12:02:13	38,12						
681	12:01:20	41,75	735	12:02:14	36,14						
682	12:01:21	41,88	736	12:02:15	35,36						
683	12:01:22	42,69	737	12:02:16	34,78						
684	12:01:23	42,57	738	12:02:17	35,62						
685	12:01:24	43,94	739	12:02:18	36,03						
686	12:01:25	43,62	740	12:02:19	39,23						
687	12:01:26	43,39	741	12:02:20	37,93						
688	12:01:27	41,49	742	12:02:21	38,84						
689	12:01:28	41,00	743	12:02:22	37,15						
690	12:01:29	41,63	744	12:02:23	39,46						
691	12:01:30	40,90	745	12:02:24	41,53						
692	12:01:31	38,41	746	12:02:25	35,97						
693	12:01:32	37,39	747	12:02:26	36,20						
694	12:01:33	36,72	748	12:02:27	38,70						
695	12:01:34	37,78	749	12:02:28	37,72						
696	12:01:35	38,55	750	12:02:29	36,79						
697	12:01:36	36,58	751	12:02:30	37,62						
698	12:01:37	44,88	752	12:02:31	38,13						
699	12:01:38	44,10	753	12:02:32	36,82						
700	12:01:39	41,13	754	12:02:33	37,75						
701	12:01:40	36,38	755	12:02:34	37,60						
702	12:01:41	39,34	756	12:02:35	36,16						