

Kara G-ndb7 -VIBRATION

In this section, **we found vibration high for No2 IG Fan**

Detailed Graphical analysis can be seen at the end of this section

DDS 2014\Kara G-ndb7\ 01-No 2 IG Mot NDE				
Point 1-H\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 16:30:15	12.5	mm/s
Point 1-H\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 16:30:20	0.965	g
Point 2-V\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 16:30:54	3.71	mm/s
Point 2-V\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 16:30:59	0.732	g
Point 3-A\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 16:31:37	2.35	mm/s
Point 3-A\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 16:31:42	0.264	g
Point 4\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 16:32:22	13.7	mm/s
Point 4\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 16:32:26	1.03	g
DDS 2014\Kara G-ndb7\ 02-No 2 IG Mot DE				
Point 1-H\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 16:33:03	14.1	mm/s
Point 1-H\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 16:33:07	0.925	g
Point 2-V\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 16:33:43	7.55	mm/s
Point 2-V\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 16:33:47	0.596	g
Point 3-A\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 16:34:28	2.98	mm/s
Point 3-A\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 16:34:33	0.753	g
DDS 2014\Kara G-ndb7\ 03-Intermediate Brg Mot side				
Point 1-H\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 16:35:12	11.5	mm/s
Point 1-H\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 16:35:17	0.675	g
Point 1-H\Demod_RMS	Dmd-Wb < None >	5/12/2016 16:35:37	1.68	g
Point 2-V\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 16:35:48	6.54	mm/s

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Point 2-V\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 16:35:52	0.528	g
Point 3-A\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 16:36:26	0.951	mm/s
Point 3-A\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 16:36:30	0.548	g
DDS 2014\Kara G-ndb7\ 04-Intermediate Brg Fan side				
Point 1-H\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 16:37:21	12	mm/s
Point 1-H\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 16:37:26	0.659	g
Point 2-V\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 16:38:13	7.24	mm/s
Point 2-V\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 16:38:18	0.602	g
Point 3-A\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 16:38:57	1.18	mm/s
Point 3-A\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 16:39:02	0.896	g
DDS 2014\Kara G-ndb7\05-No2 IG Fan				
Point 1-H\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 16:40:30	14.3	mm/s
Point 1-H\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 16:40:35	1.9	g
Point 2-V\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 16:41:08	3.92	mm/s
Point 2-V\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 16:41:12	0.528	g
Point 3-A\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 16:41:45	4.31	mm/s
Point 3-A\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 16:41:49	1.93	g
DDS 2014\Kara G-ndb7\ 06-No3 IG Mot NDE				
Point 1-H\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 16:59:54	2.99	mm/s
Point 1-H\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 16:59:57	0.73	g
Point 2-V\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 17:00:44	2.11	mm/s
Point 2-V\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 17:00:48	0.348	g
Point 3-A\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 17:01:22	4.99	mm/s
Point 3-A\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 17:01:25	0.249	g
DDS 2014\Kara G-ndb7\ 07-No3 IG Mot DE				
Point 1-H\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 17:02:13	2.89	mm/s

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Point 1-H\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 17:02:17	0.369	g
Point 2-V\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 17:02:49	4.23	mm/s
Point 2-V\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 17:02:53	0.53	g
Point 3-A\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 17:03:44	4.81	mm/s
Point 3-A\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 17:03:48	0.346	g
DDS 2014\Kara G-ndb7\ 08-Pedestal Mot side				
Point 1-H\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 17:04:39	1.63	mm/s
Point 1-H\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 17:04:44	1.12	g
Point 1-H\DEMOM RMS	Dmd-Wb < None >	5/12/2016 17:05:04	2.68	g
Point 2-V\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 17:05:25	2.01	mm/s
Point 2-V\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 17:05:28	0.872	g
Point 3-A\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 17:06:01	2.47	mm/s
Point 3-A\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 17:06:05	0.674	g
DDS 2014\Kara G-ndb7\ 09-Pedestal fan side				
Point 1-H\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 17:06:48	1.92	mm/s
Point 1-H\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 17:06:53	0.929	g
Point 2-V\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 17:07:29	5.06	mm/s
Point 2-V\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 17:07:33	0.865	g
Point 3-A\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 17:08:09	2.39	mm/s
Point 3-A\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 17:08:14	1.54	g
DDS 2014\Kara G-ndb7\ 10-No3 IG Fan				
Point 1-H\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 17:08:55	5.2	mm/s
Point 1-H\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 17:08:59	2.81	g
Point 2-V\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 17:09:34	3.33	mm/s
Point 2-V\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 17:09:38	1.37	g
Point 3-A\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 17:10:10	5.01	mm/s

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Point 3-A\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 17:10:14	3.82	g
DDS 2014\Kara G-ndb7\11-No1 Ballast pp NDE				
Point 1-H\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 19:19:18	3.44	mm/s
Point 1-H\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 19:19:22	0.57	g
Point 2-V\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 19:20:02	2.88	mm/s
Point 2-V\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 19:20:06	0.893	g
Point 3-A\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 19:20:42	6.35	mm/s
Point 3-A\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 19:20:46	2	g
DDS 2014\Kara G-ndb7\12-No2 Ballast pp DE				
Point 1-H\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 19:22:29	1.28	mm/s
Point 1-H\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 19:22:33	0.408	g
Point 2-V\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 19:23:15	1.6	mm/s
Point 2-V\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 19:23:19	0.75	g
Point 3-A\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 19:24:07	1.69	mm/s
Point 3-A\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 19:24:12	0.599	g
Point 4\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 19:29:46	3.24	mm/s
Point 4\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 19:29:50	0.679	g
DDS 2014\Kara G-ndb7\13-No2 Ballast pp NDE				
Point 1-H\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 19:31:07	1.41	mm/s
Point 1-H\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 19:31:11	0.535	g
Point 2-V\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 19:26:29	2.99	mm/s
Point 2-V\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 19:26:33	0.749	g
Point 3-A\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 19:32:17	1.38	mm/s
Point 3-A\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 19:32:22	0.546	g
Point 4\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 19:33:04	1.9	mm/s
Point 4\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 19:33:09	0.474	g

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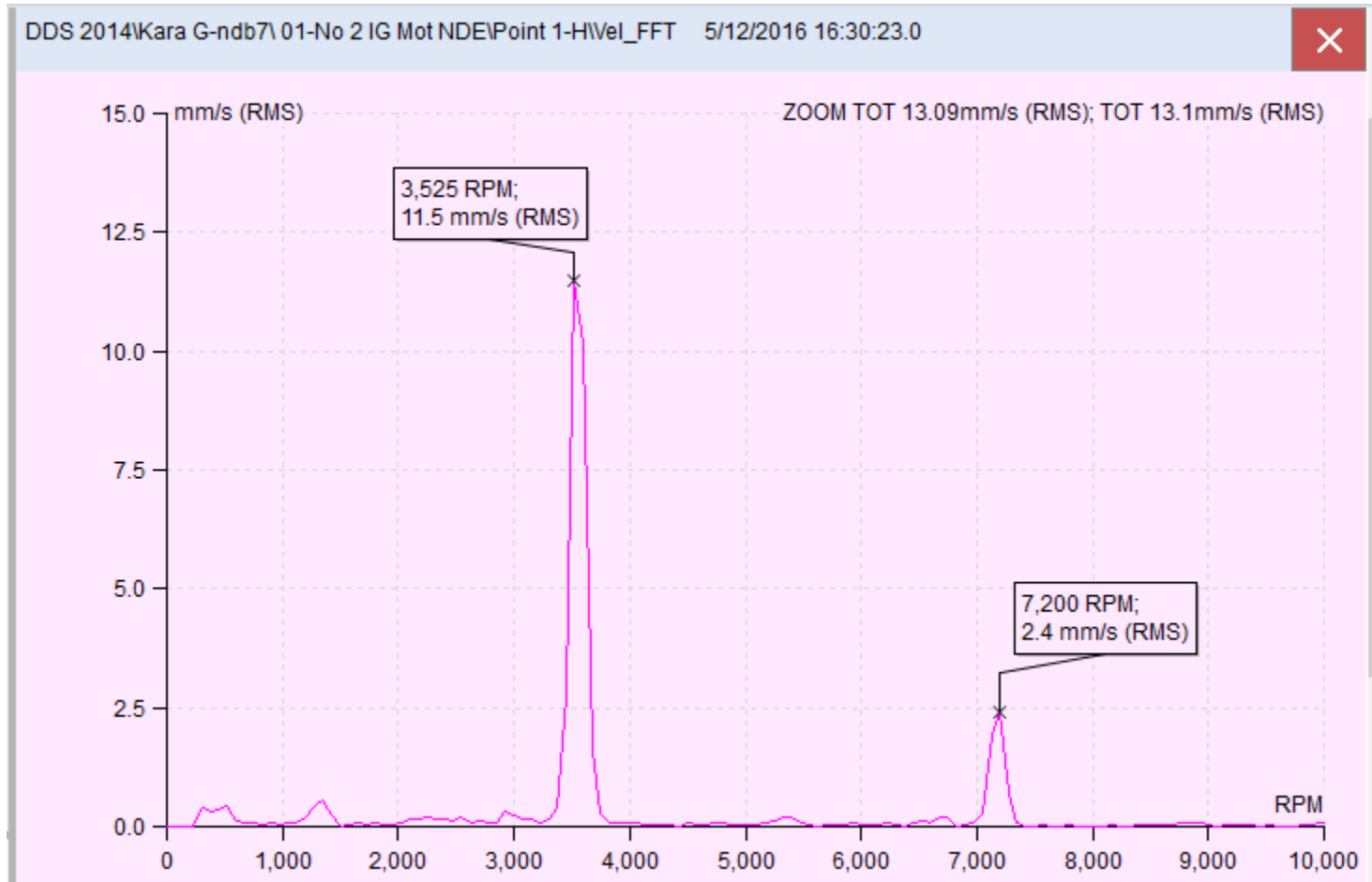
DDS 2014\Kara G-ndb7\ 14-No Ballast pp DE				
Point 1-H\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 19:35:42	3.29	mm/s
Point 1-H\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 19:35:47	0.773	g
Point 2-V\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 19:36:18	2.79	mm/s
Point 2-V\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 19:36:22	0.556	g
Point 3-A\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 19:36:57	3.82	mm/s
Point 3-A\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 19:37:01	0.691	g
DDS 2014\Kara G-ndb7\15-No 1 Ballast pp Mot NDE				
Point 1-H\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 20:47:02	1.32	mm/s
Point 1-H\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 20:47:07	0.986	g
Point 2-V\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 20:47:38	1.27	mm/s
Point 2-V\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 20:47:43	0.232	g
Point 3-A\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 20:48:29	1.05	mm/s
Point 3-A\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 20:48:34	0.25	g
DDS 2014\Kara G-ndb7\ 16-No 1 Ballast pp Mot DE				
Point 1-H\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 20:49:48	1.27	mm/s
Point 1-H\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 20:49:52	0.303	g
Point 1-H\Demod_RMS	Dmd-Wb < None >	5/12/2016 20:50:12	0.587	g
Point 2-V\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 20:50:37	0.676	mm/s
Point 2-V\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 20:50:41	0.313	g
Point 3-A\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 20:51:24	0.977	mm/s
Point 3-A\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 20:51:28	0.336	g
Point 3-A\Demod_RMS	Dmd-Wb < None >	5/12/2016 20:51:48	0.698	g
DDS 2014\Kara G-ndb7\17-No 1 Ballast pp Mot shaft entry				
Point 1-H\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 20:53:41	0.882	mm/s
Point 1-H\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 20:53:46	0.57	g

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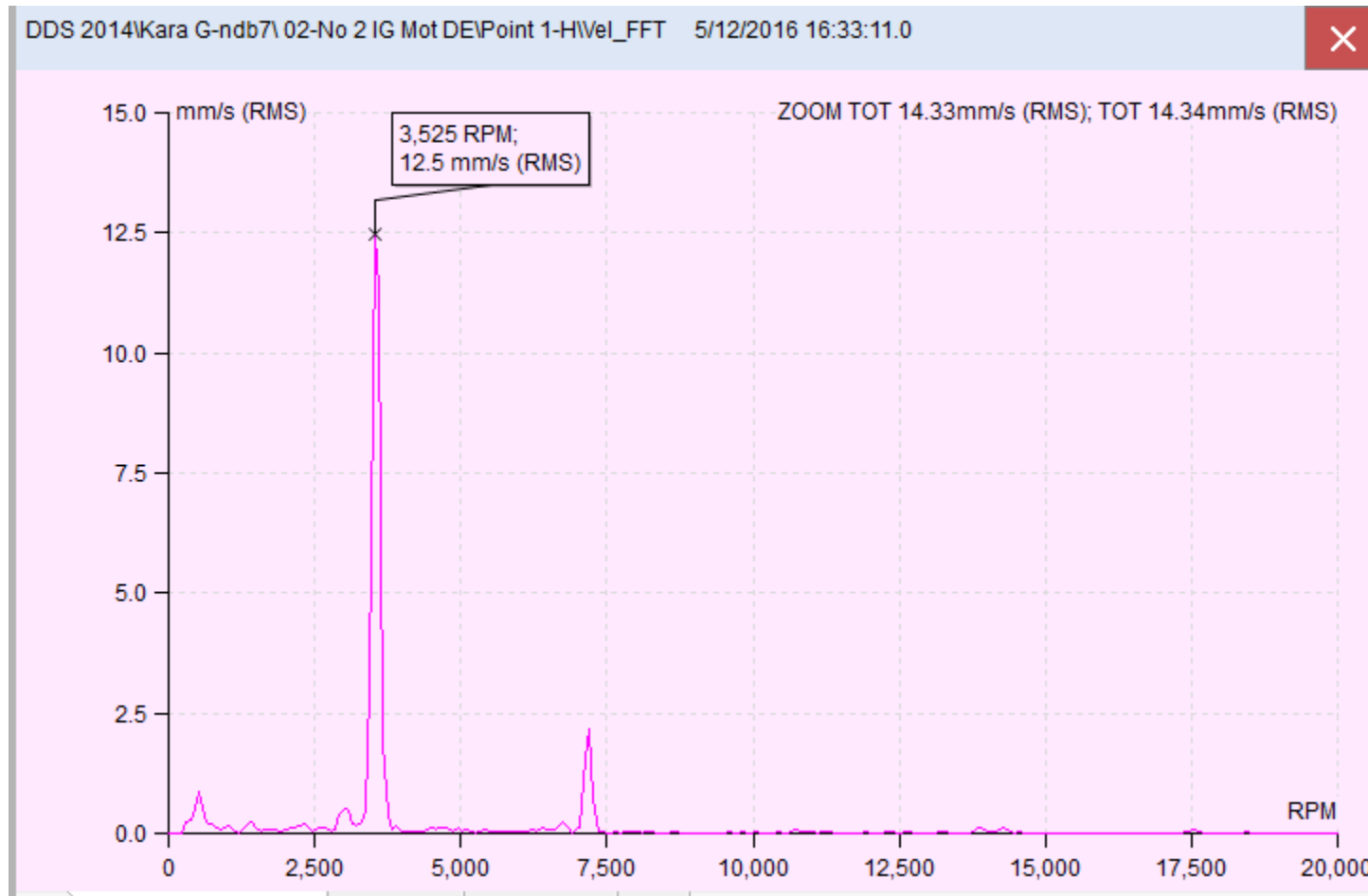
Point 1-H\Demod_RMS	Dmd-Wb < None >	5/12/2016 20:54:05	1.04	g
Point 2-V\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 20:54:34	0.411	mm/s
Point 2-V\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 20:54:38	0.589	g
Point 3-A\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 20:55:20	1.03	mm/s
Point 3-A\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 20:55:24	0.572	g
DDS 2014\Kara G-ndb7\ 18-No 2 Ballast pp Mot NDE				
Point 1-H\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 20:56:34	2.79	mm/s
Point 1-H\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 20:56:38	0.4	g
Point 2-V\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 20:57:19	2.09	mm/s
Point 2-V\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 20:57:24	0.237	g
Point 3-A\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 20:58:01	2.1	mm/s
Point 3-A\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 20:58:05	0.228	g
DDS 2014\Kara G-ndb7\19--No 2 Ballast pp Mot DE				
Point 1-H\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 20:58:58	1	mm/s
Point 1-H\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 20:59:02	0.389	g
Point 1-H\Demod_RMS	Dmd-Wb < None >	5/12/2016 20:59:22	0.686	g
Point 2-V\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 20:59:47	0.657	mm/s
Point 2-V\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 20:59:51	0.251	g
Point 3-A\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 21:00:27	1.84	mm/s
Point 3-A\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 21:00:31	0.294	g
DDS 2014\Kara G-ndb7\ 20-No 2 Ballast pp Mot shaft entry				
Point 1-H\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 21:01:27	0.862	mm/s
Point 1-H\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 21:01:32	0.349	g
Point 2-V\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 21:02:05	0.898	mm/s
Point 2-V\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 21:02:09	0.34	g
Point 3-A\Vel_RMS	Vel RMS (600 - 60,000 [RPM])	5/12/2016 21:03:27	2.06	mm/s

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Point 3-A\Acc_RMS	Acc RMS (30,000 - 960,000 [RPM])	5/12/2016 21:03:31	0.572	g
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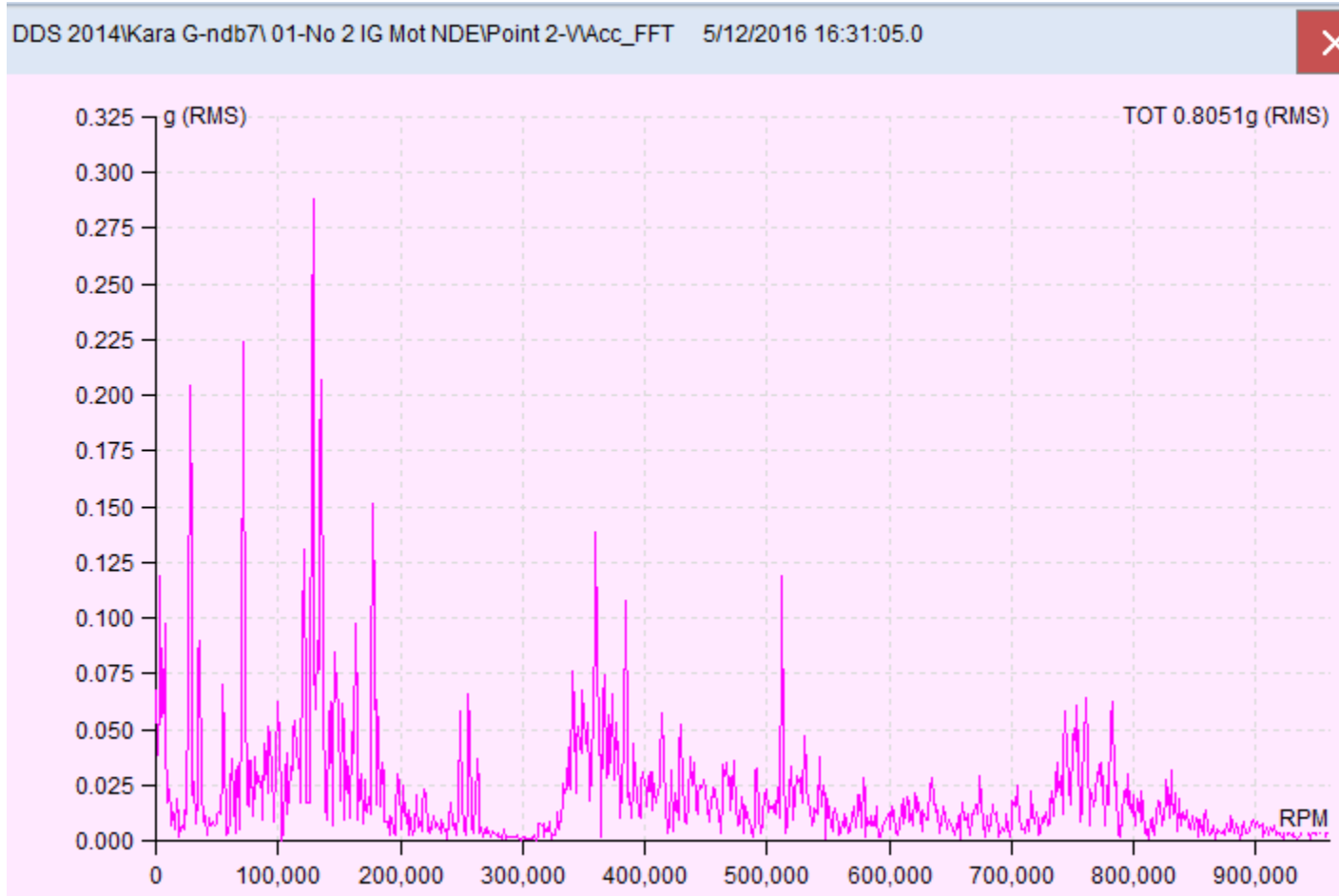


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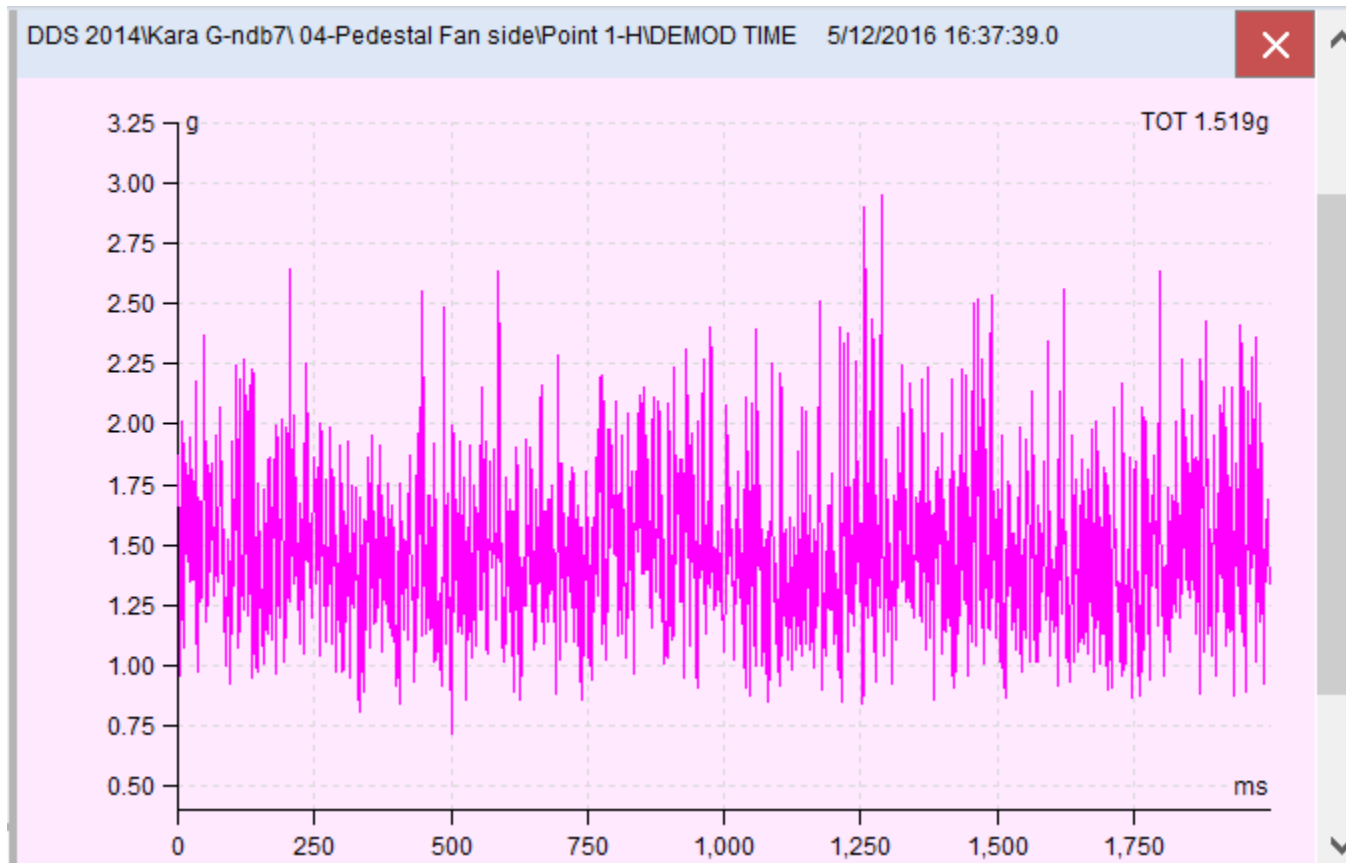
1 X peak is an indication of Unbalance & Bent shaft,

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NDE bearing peaks show bearing problems though Peak levels are not very high.

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Intermediate Pedestal bearings showing problem in this case