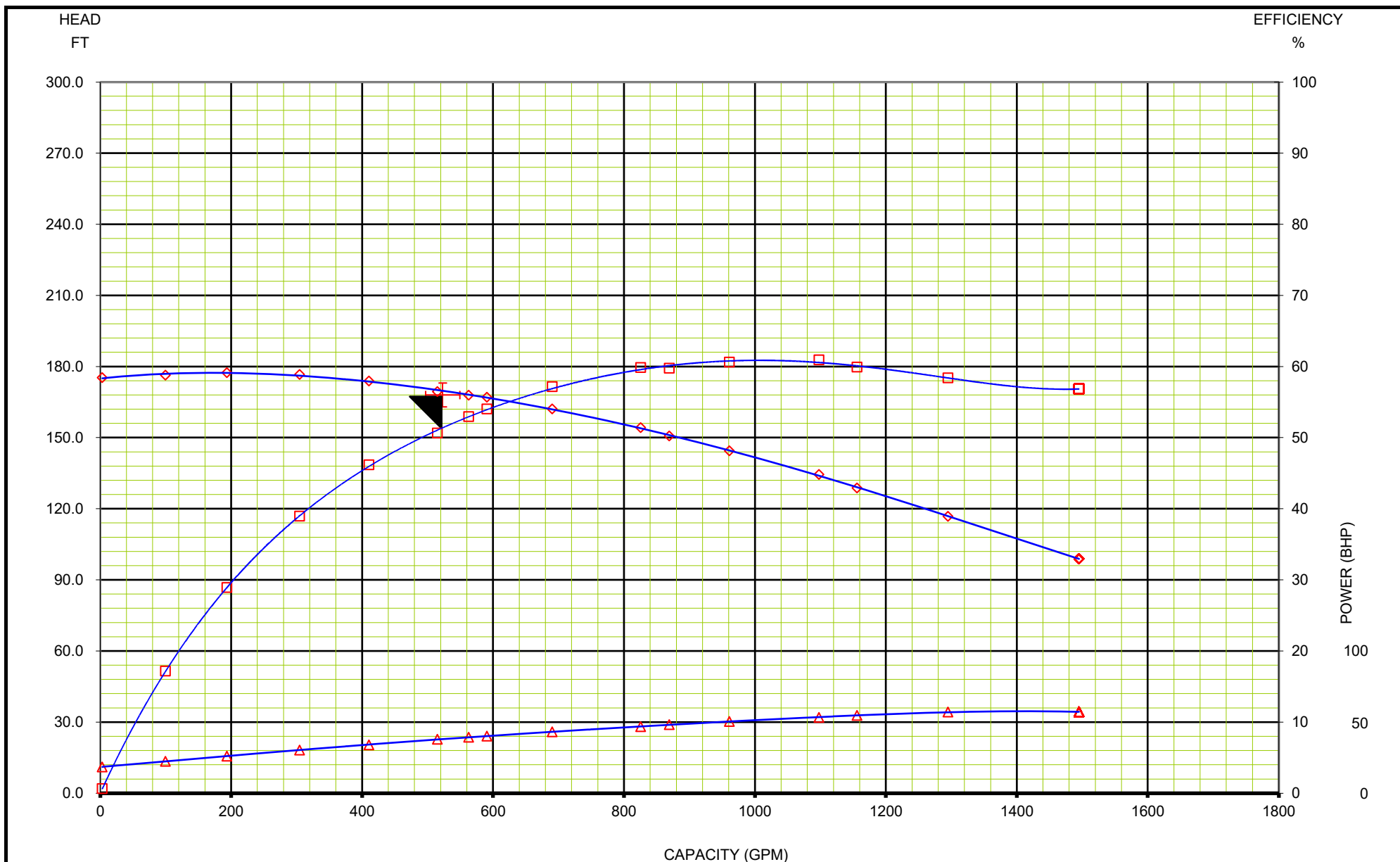


 Flow Pump Division 5310 Taneytown Pike Taneytown, MD 21787	DOCUMENT TITLE PERFORMANCE TEST REPORTS	FLS DOCUMENT NO. E003552_PTR
		CUSTOMER DOCUMENT NO. N/A
	PROJECT WORPAR	SDRL CODE N/A

CUSTOMER:	DESMET BALLESTRA NORTH AM	PO NO.:	PO-00028525
SERVICE:	PE MATURATOR DISCHARGE PUMPS	SALES ORDER NO.:	070-81609
		SERIAL NO.:	2206ME003552-1/2
FLS ORDER NO.:	E003552	EQUIPMENT:	4M223 PUMP
		EQUIPMENT TAG NO.:	DESEMET TAGS: P603.1/1, 1/2 - WEP TAGS: 19-P-751A,751B

PERFORMANCE TEST REPORTS

A	8/18/2022	REVIEW	M. TOPPER	T. KARNAS	Z. PLATEK
REV	ISSUE DATE	ISSUE PURPOSE	ISSUED BY	REVIEWED BY	APPROVED BY



2206ME003552-1 SERIAL NO.	E3552 ORDER NO.	4M223 MODEL	1 STAGES	12 MF 480V TEST LOOP	PUMP TYPE OF TEST	Torque Meter TEST MOTOR	MAGNETIC FLOW METER	08/03/22 DATE TESTED	1A CURVE NO
<u>CASING DATA</u> High Chrome Iron MATERIAL As Cast FINISH NA TONGUE		<u>IMPELLER DATA</u> High Chrome Iron MATERIAL 21.25 DIAMETER Debur TIP		<u>CONDITIONS OF SERVICE</u> 523 GPM FLOW .87 SG 1B TOLERANCE		I CERTIFY THAT WITHIN THE ACCURACY OF THE TEST INSTRUMENTATION, THIS TEST REPRESENTS THE PERFORMANCE OF 2206ME003552-1 			
						 			



FLOWSERVE PUMP DIVISION
Taneytown MD



Reading	TEST DATA											
	DATE: 8/3/2022			SERIAL NO. 2206ME003552-1			ORDER NO. E3552					
	FLOW	POWER	DISCH	SUCT	SPEED	VIBRATION IN/SEC RMS				SOUND	TEMP	SG
	GPM	KW	PSIG	PSIG	RPM	INLINE	90 DEG	AXIAL		dB	F	

PERFORMANCE TEST RESULTS					
DATA CORRECTED TO 1040 RPM AND .87 S.G.					
FLOW	HEAD	POWER	EFFICIENCY		NPSHA
GPM	FT	BHP	PUMP		FT

1	3.20	17.79	87.45	5.28	1081.0	0.087	0.080	0.063			78.0	0.997	3.08	175.26	18.53	0.64	41.82
2	103.15	21.46	87.42	5.11	1079.0	0.065	0.074	0.043			78.0	0.997	99.42	176.31	22.47	17.18	41.61
3	200.49	24.88	87.59	5.04	1078.0	0.056	0.067	0.040			78.0	0.997	193.42	177.37	26.13	28.92	41.60
4	315.04	28.78	86.58	4.89	1076.0	0.058	0.063	0.036			78.0	0.997	304.50	176.62	30.40	38.96	41.54
5	423.79	32.04	84.63	4.78	1074.0	0.055	0.070	0.035			78.0	0.997	410.37	173.90	34.02	46.20	41.60
6	530.73	35.53	81.74	4.60	1072.0	0.040	0.071	0.033			78.0	0.997	514.89	169.42	37.95	50.64	41.57
7	579.99	36.80	80.79	4.53	1072.0	0.049	0.069	0.035			78.0	0.997	562.67	167.92	39.30	52.95	41.52
8	608.08	37.52	80.06	4.49	1071.0	0.055	0.069	0.030			78.0	0.997	590.48	167.00	40.19	54.04	41.57
9	710.06	40.15	77.07	4.33	1070.0	0.045	0.073	0.034			78.0	0.997	690.15	162.14	43.12	57.16	41.55
10	847.51	43.36	72.17	4.07	1068.0	0.038	0.078	0.033			78.0	0.997	825.29	154.23	46.83	59.86	41.54
11	891.80	44.58	70.06	3.96	1067.0	0.040	0.083	0.034			78.0	0.997	869.24	150.71	48.29	59.75	41.53
12	985.03	46.43	66.26	3.76	1066.0	0.052	0.083	0.029			78.0	0.997	961.00	144.42	50.44	60.61	41.49
13	1123.07	48.87	60.17	3.42	1064.0	0.042	0.089	0.033			78.0	0.997	1097.73	134.50	53.38	60.93	41.46
14	1181.40	49.95	56.83	3.24	1063.0	0.048	0.087	0.023			78.0	0.997	1155.84	128.81	54.72	59.93	41.39
15	1322.11	51.92	49.65	2.83	1062.0	0.043	0.088	0.037			78.0	0.997	1294.72	116.79	57.03	58.40	41.23
16	1523.64	51.82	38.72	2.16	1060.0	0.045	0.093	0.045			78.0	0.997	1494.89	98.85	57.24	56.85	40.99

ENDURANCE TEST VIBRATION RESULTS

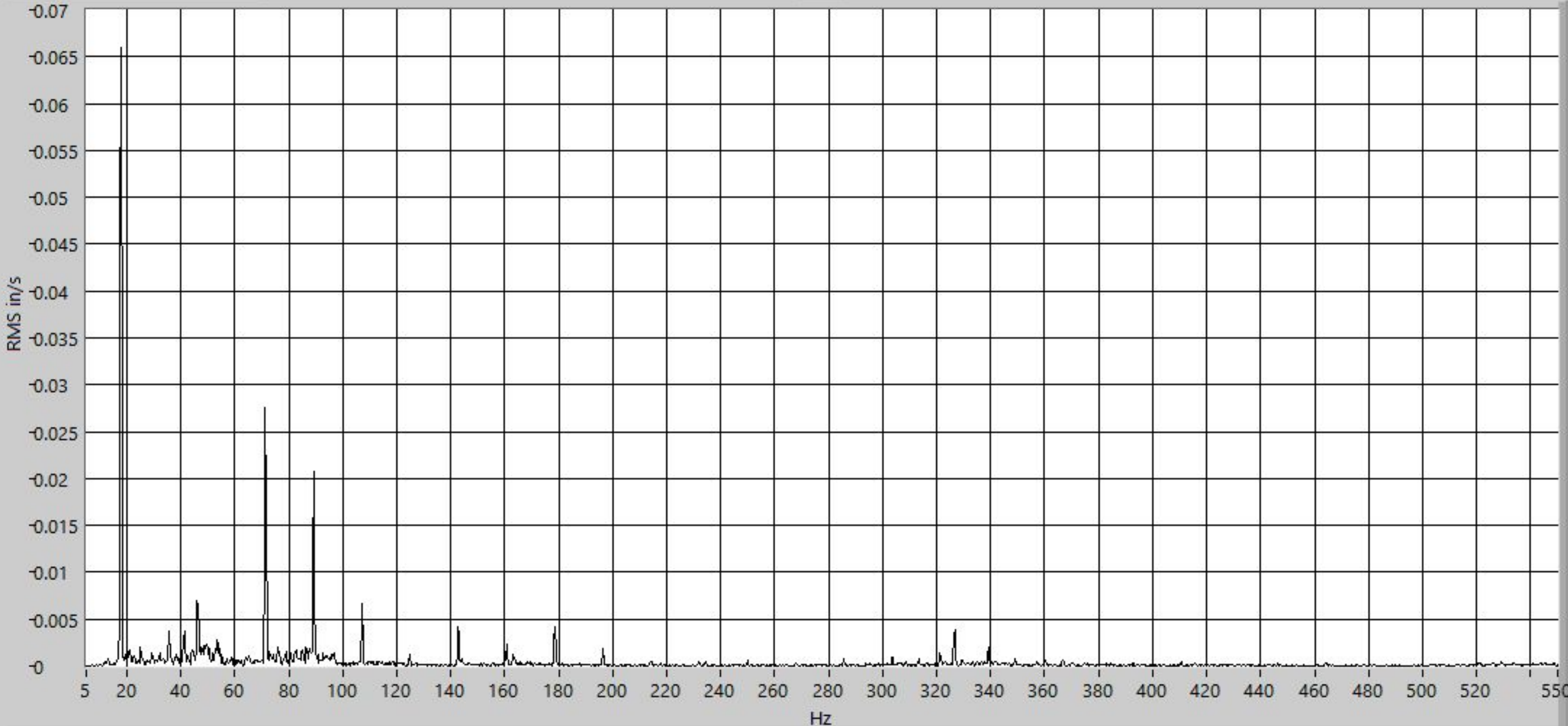
8/3/2022 11:30:09 AM

90°

DATA POINT 1

Vibration in/s RMS 0.0803

90°



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
86.5543	48.7674	49.4771	53.5596	41.1701	35.7052	178.516	326.596	142.832	107.118	46.2305	89.2665	71.4116	17.8519
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.002289	0.002361	0.002555	0.003134	0.003967	0.004197	0.004300	0.004320	0.004537	0.006995	0.007990	0.020727	0.028095	0.068003

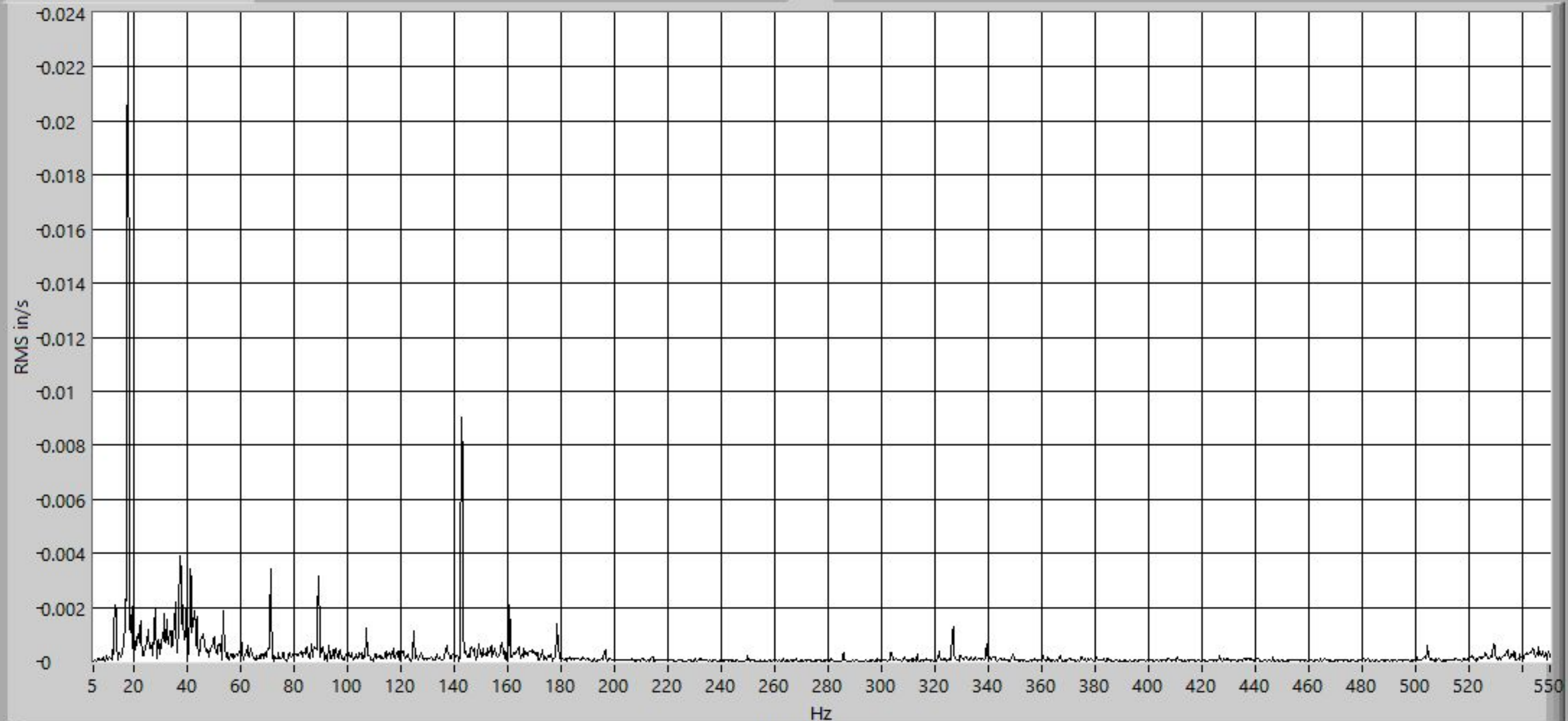
8/3/2022 11:30:09 AM

Axial

DATA POINT 1

Vibration in/s RMS 0.0314

Axial



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
42.6729	19.4436	160.653	28.2588	38.4849	35.4728	13.2483	17.1154	89.2648	71.4112	41.4032	37.5514	142.829	17.8394
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.002047	0.002081	0.002084	0.002093	0.002207	0.002232	0.002296	0.002681	0.003132	0.003459	0.003773	0.004230	0.009730	0.024994

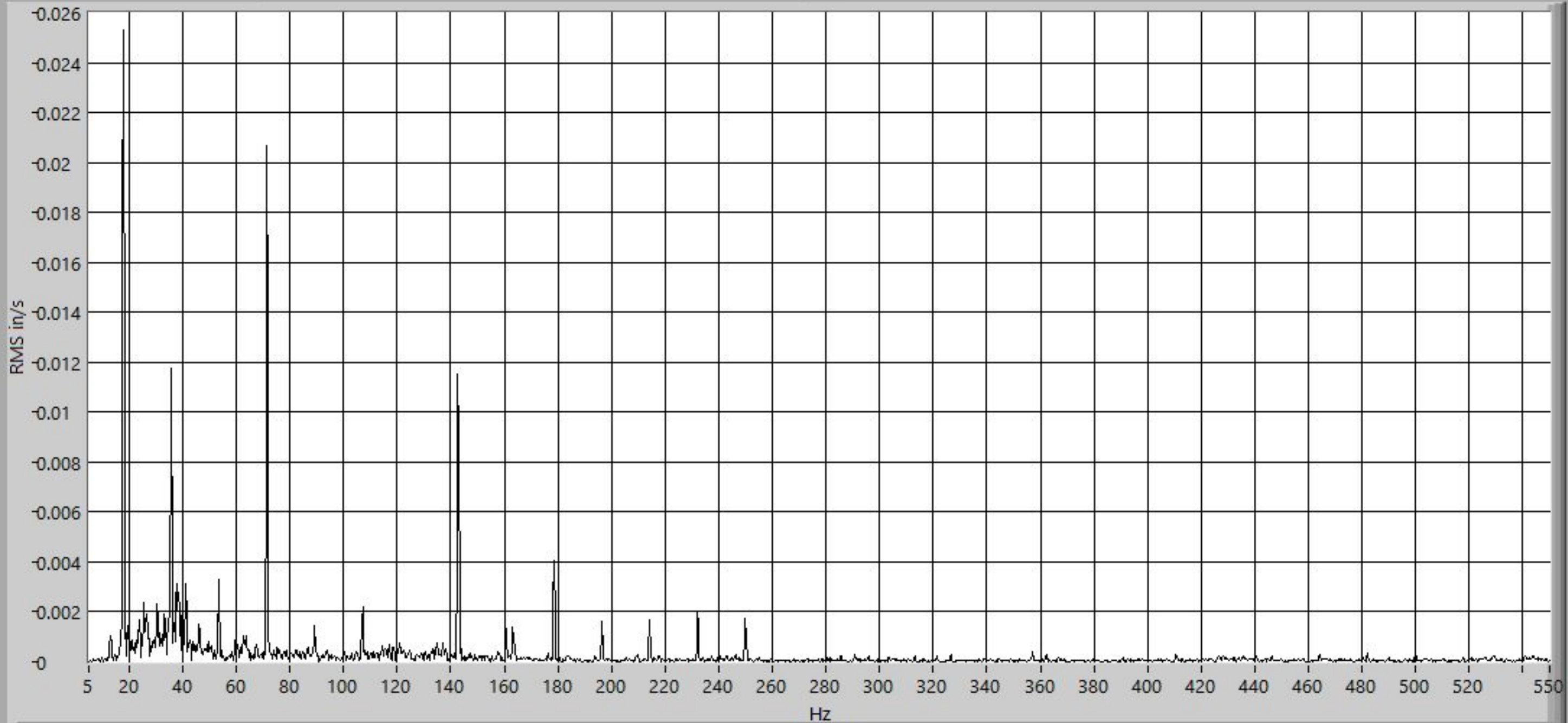
8/3/2022 11:30:09 AM

Inline

DATA POINT 1

Vibration in/s RMS 0.0413

Inline



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
33.4066	232.108	107.107	25.6033	30.4917	38.3107	37.6563	41.1676	53.5764	178.53	142.823	35.7203	71.4205	17.86
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.002085	0.002091	0.002347	0.002395	0.002415	0.002949	0.003341	0.003392	0.003747	0.004081	0.012317	0.012853	0.021158	0.025865

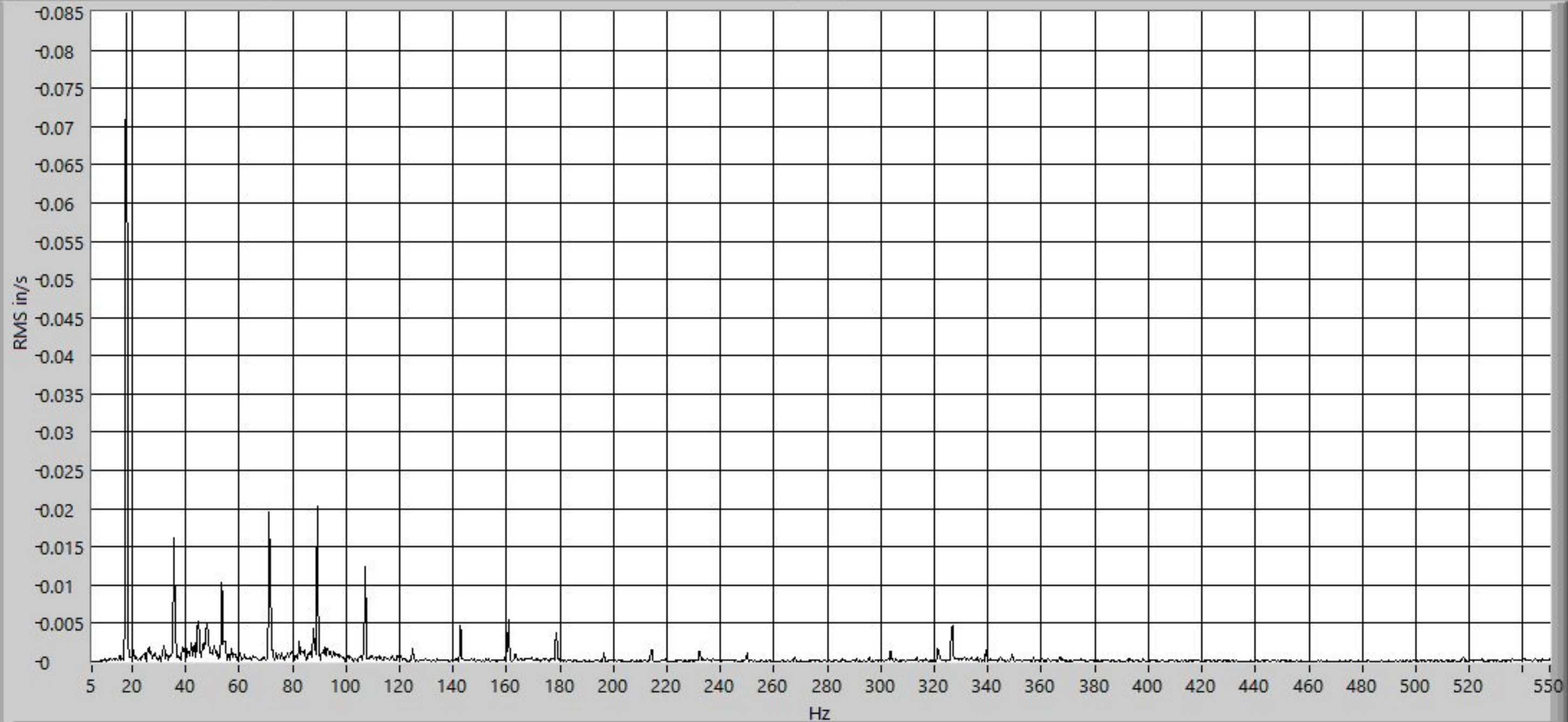
8/3/2022 11:45:21 AM

90°

DATA POINT 2

Vibration in/s RMS 0.0979

90°



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
54.5653	178.552	87.9033	142.834	326.578	47.912	160.702	44.696	53.5522	107.123	35.7156	71.4203	89.2971	17.8537
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.003144	0.003807	0.004533	0.005198	0.005276	0.005321	0.005598	0.005714	0.011234	0.012887	0.017771	0.019964	0.020316	0.087192

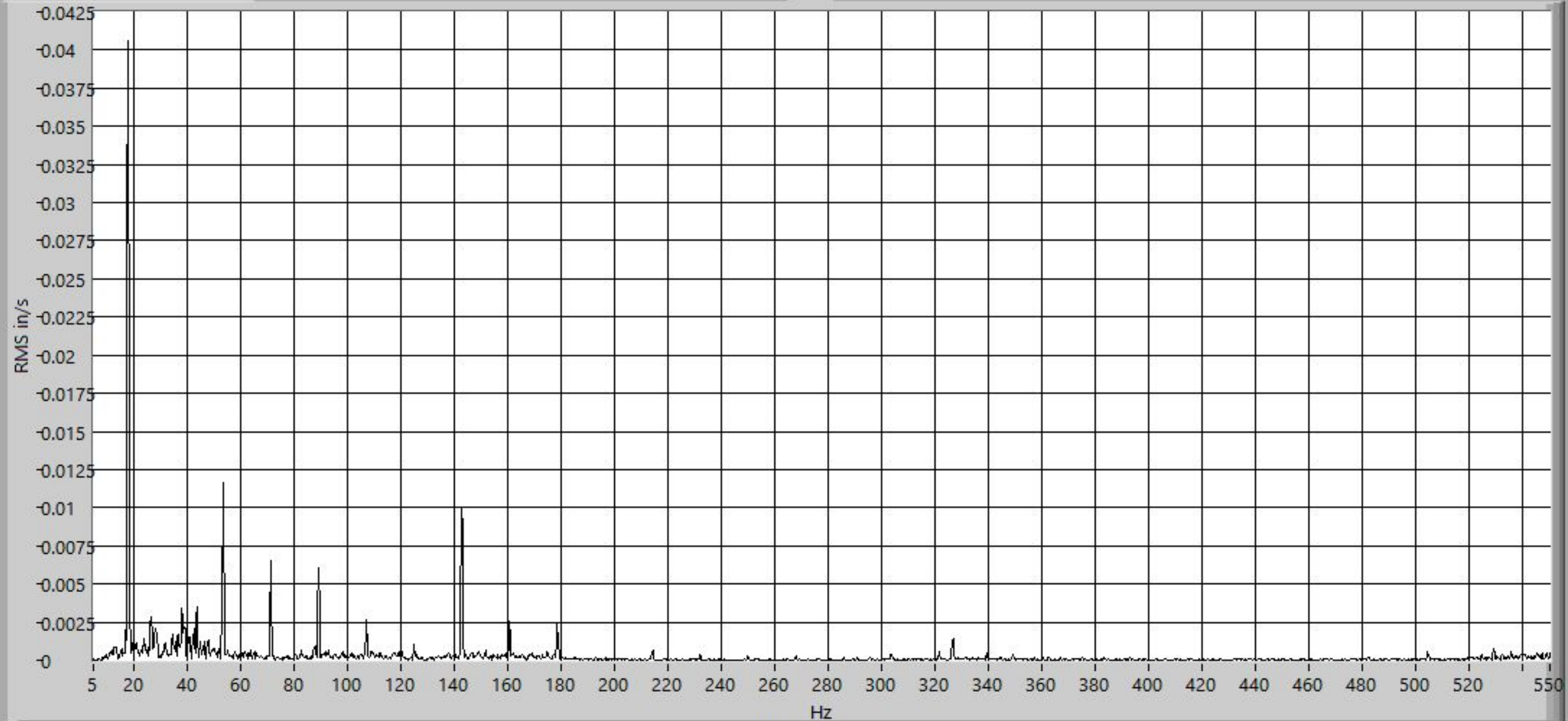
8/3/2022 11:45:21 AM

Axial

DATA POINT 2

Vibration in/s RMS 0.0483

Axial



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
40.1883	178.582	28.332	39.1949	160.686	107.111	26.4396	38.1874	43.7321	89.2915	71.4147	142.847	53.5644	17.8559
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.002228	0.002353	0.002389	0.002500	0.002600	0.002743	0.003078	0.003659	0.003779	0.006023	0.006627	0.011038	0.012886	0.041671

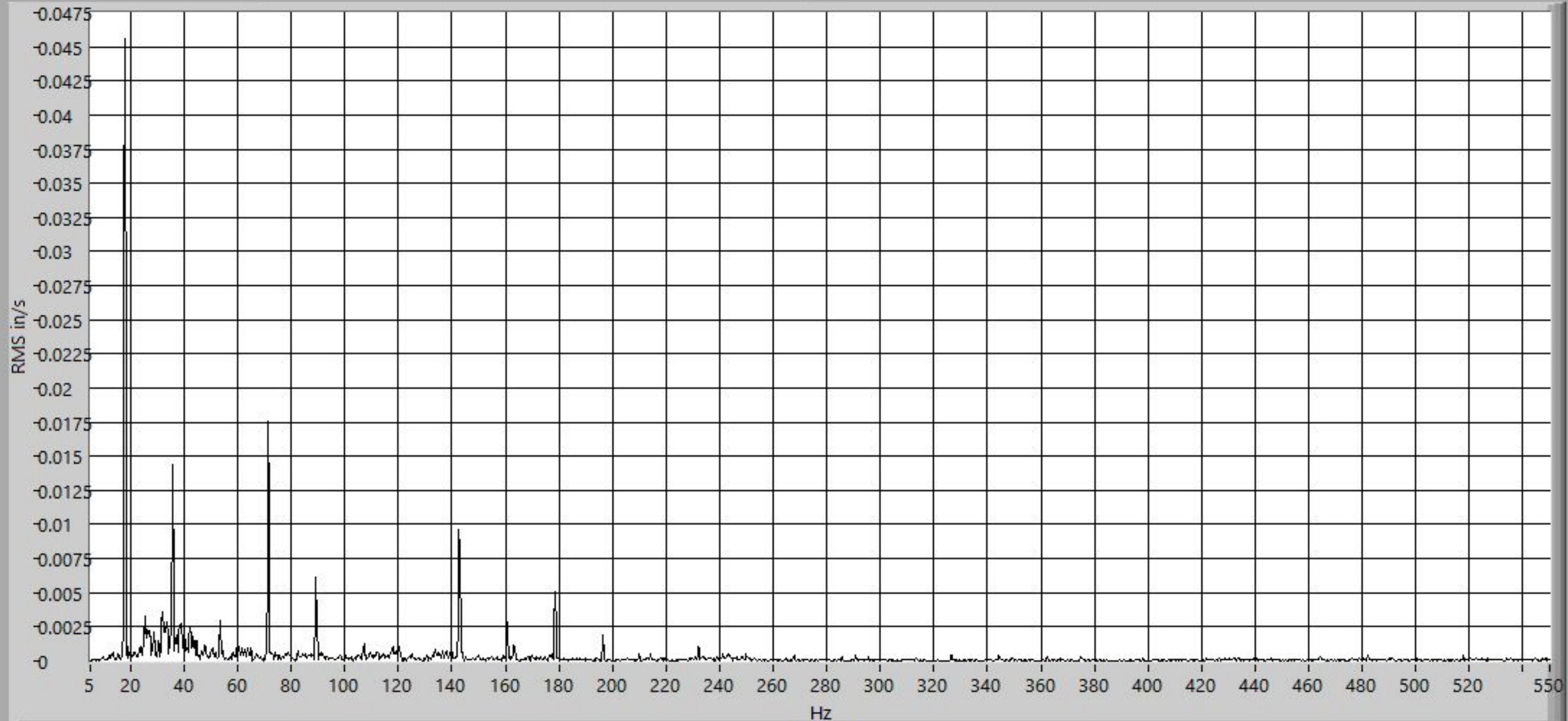
8/3/2022 11:45:21 AM

Inline

DATA POINT 2

Vibration in/s RMS 0.0557

Inline



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
33.0957	26.3918	160.712	33.5023	38.5745	53.5636	25.3553	31.9044	178.55	89.2616	142.844	35.7261	71.422	17.8586
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.002690	0.002698	0.002974	0.002982	0.003200	0.003218	0.003361	0.003758	0.005103	0.006097	0.010604	0.015582	0.017985	0.046662

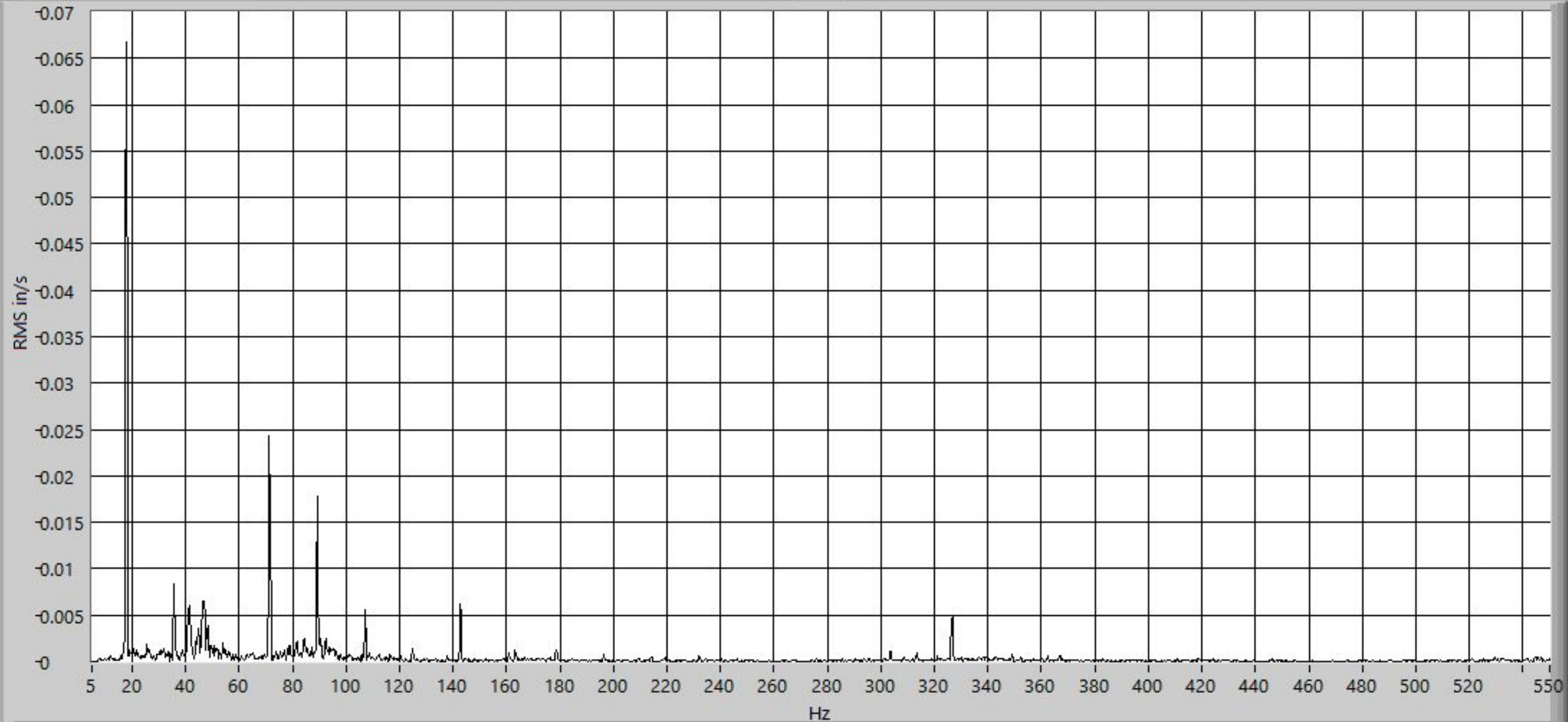
8/3/2022 12:00:59 PM

90°

DATA POINT 3

Vibration in/s RMS 0.0789

90°



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
92.393	84.6196	44.8411	48.1861	326.577	107.135	41.1488	142.839	46.5494	46.8911	35.697	89.28	71.4256	17.8605
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.002650	0.002769	0.003578	0.004279	0.005409	0.005676	0.006735	0.006748	0.007520	0.007528	0.009444	0.017845	0.024963	0.068223

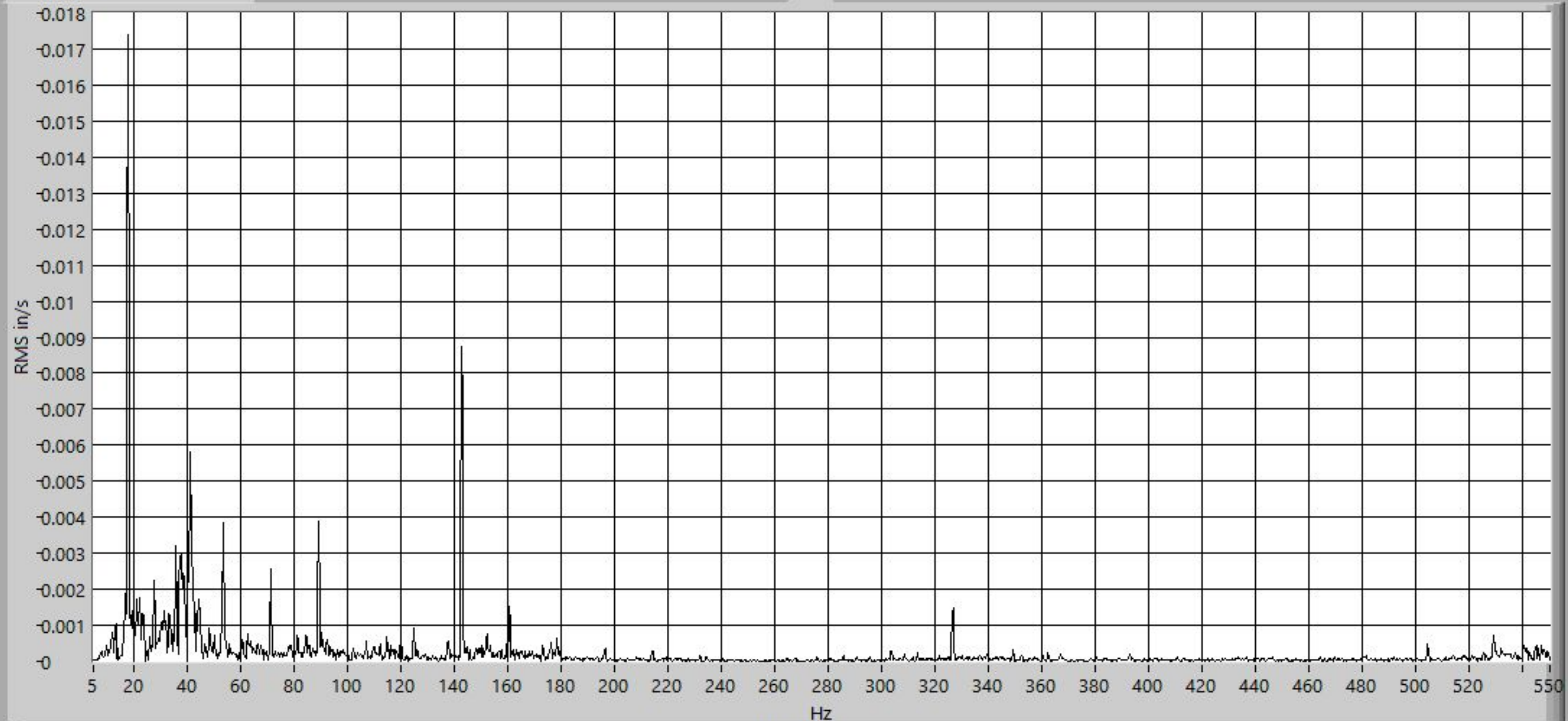
8/3/2022 12:00:59 PM

Axial

DATA POINT 3

Vibration in/s RMS 0.0260

Axial



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
44.579	22.2142	16.8396	27.72	71.4348	38.8873	37.5402	37.9828	35.7594	89.28	53.5771	41.1563	142.835	17.8892
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.001835	0.001967	0.002086	0.002447	0.002663	0.002760	0.003139	0.003167	0.003353	0.003869	0.004341	0.006395	0.009484	0.017484

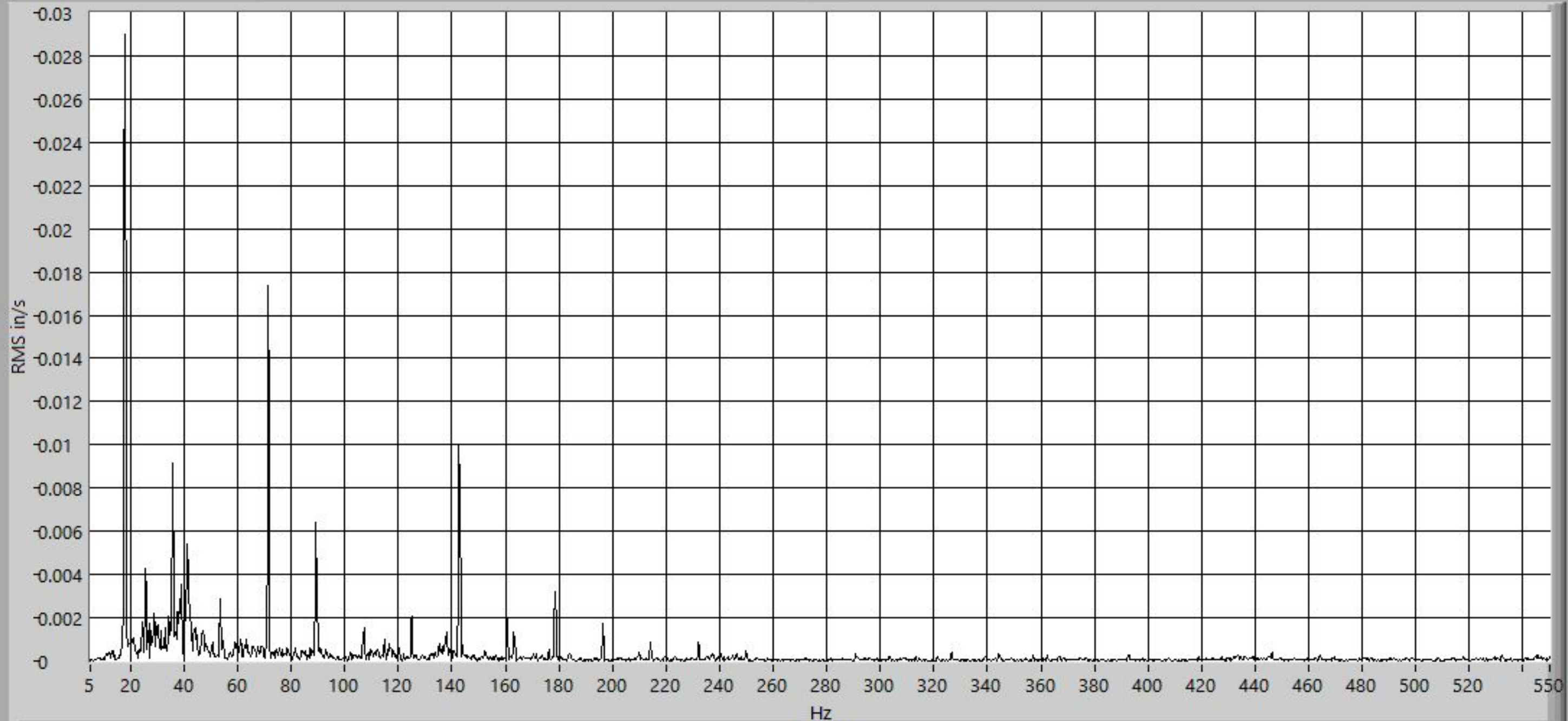
8/3/2022 12:00:59 PM

Inline

DATA POINT 3

Vibration in/s RMS 0.0421

Inline



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
124.991	28.8738	37.5386	38.2325	178.559	53.582	38.8461	25.6935	41.1718	89.2732	35.7132	142.835	71.4212	17.8455
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.002297	0.002298	0.002426	0.002608	0.003185	0.003242	0.003934	0.004512	0.005837	0.006435	0.010165	0.010897	0.017781	0.030008

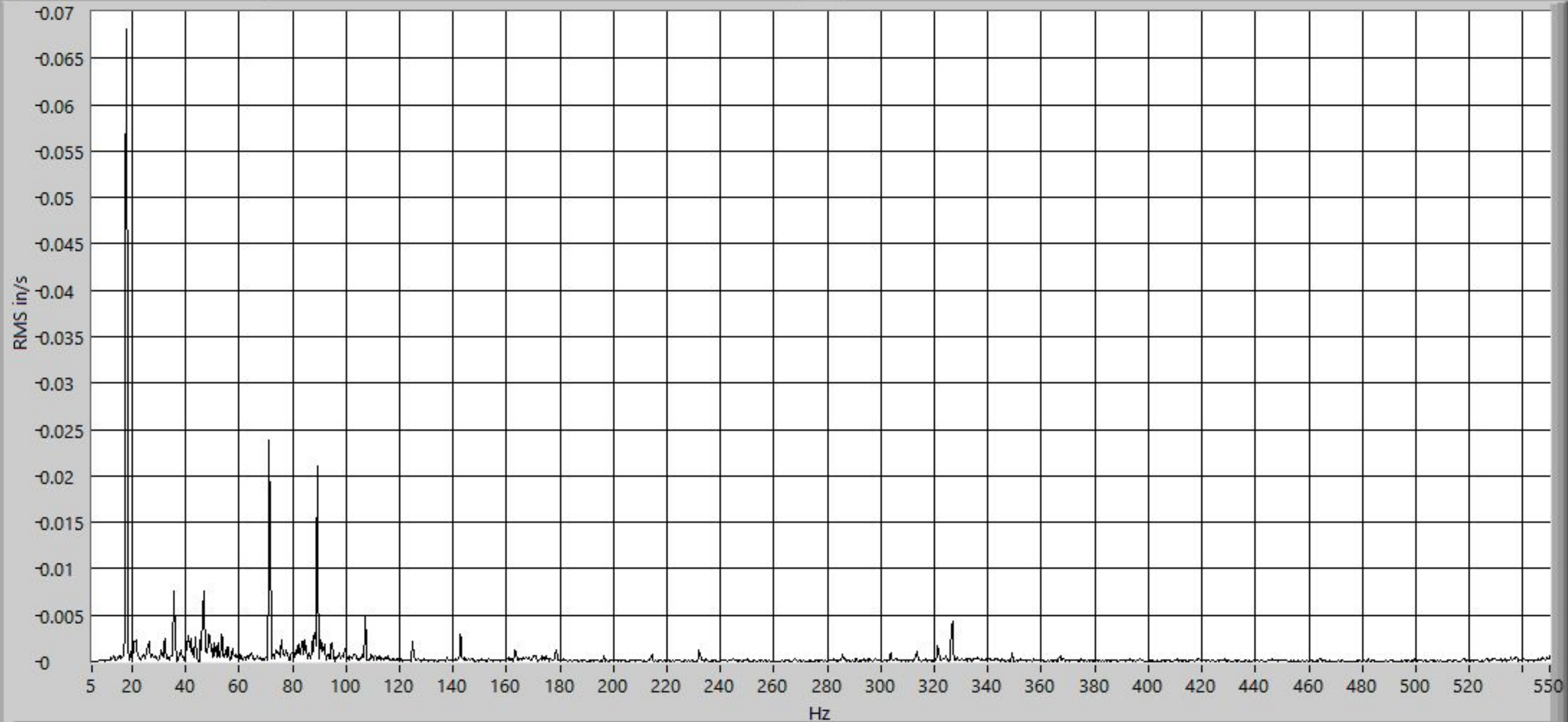
8/3/2022 12:15:16 PM

90°

DATA POINT 4

Vibration in/s RMS 0.0800

90°



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
43.5698	90.4198	40.9324	53.5601	88.221	48.7929	142.851	326.587	107.167	46.6403	35.7021	89.28	71.4102	17.8557
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.002690	0.002701	0.002835	0.003286	0.003314	0.003335	0.003369	0.004807	0.004961	0.007836	0.008641	0.021057	0.024305	0.069926

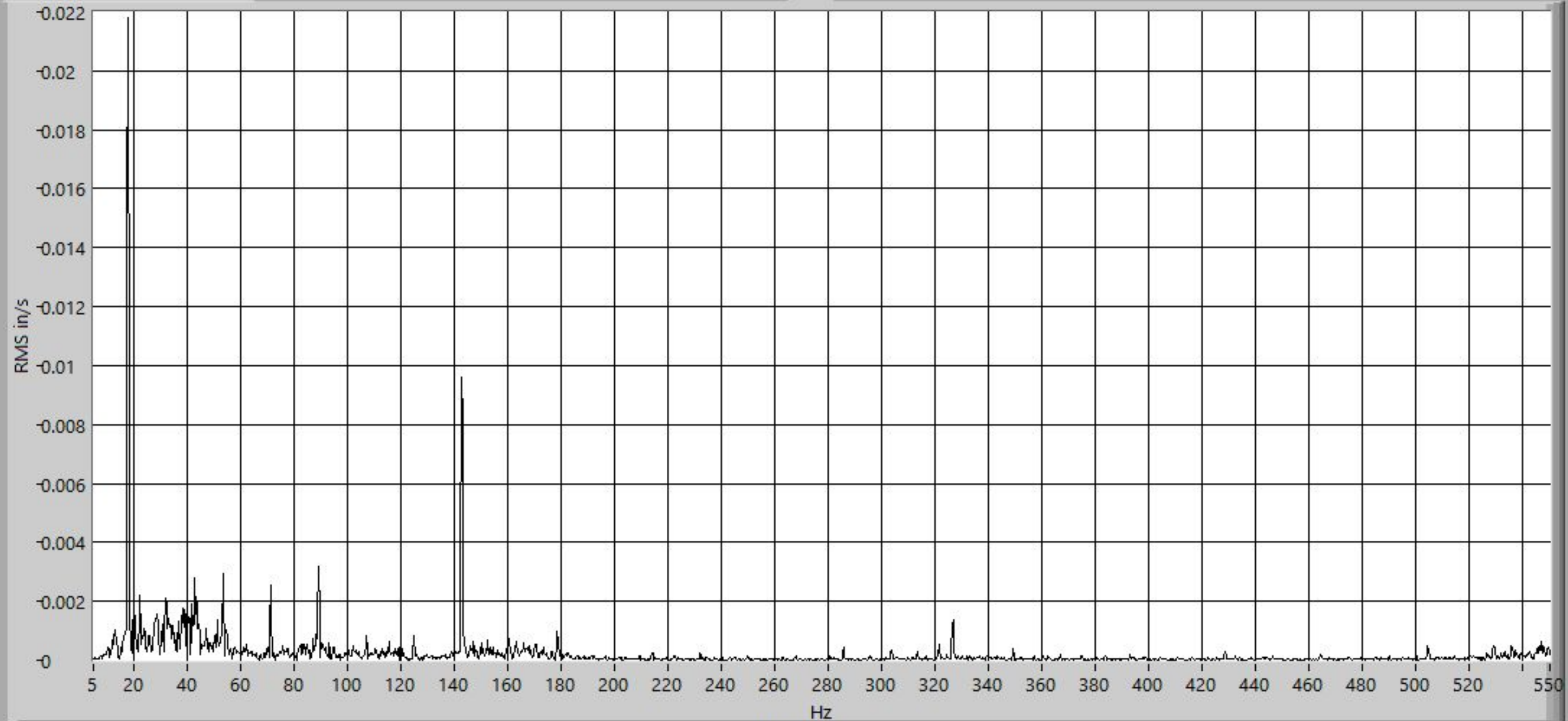
8/3/2022 12:15:16 PM

Axial

DATA POINT 4

Vibration in/s RMS 0.0280

Axial



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
37.947	20.3299	41.9622	38.8745	22.331	40.1081	43.6748	32.1486	71.3875	42.9064	53.549	89.28	142.841	17.8579
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.001724	0.001775	0.001931	0.002056	0.002273	0.002302	0.002317	0.002446	0.002540	0.002804	0.003195	0.003195	0.010563	0.022317

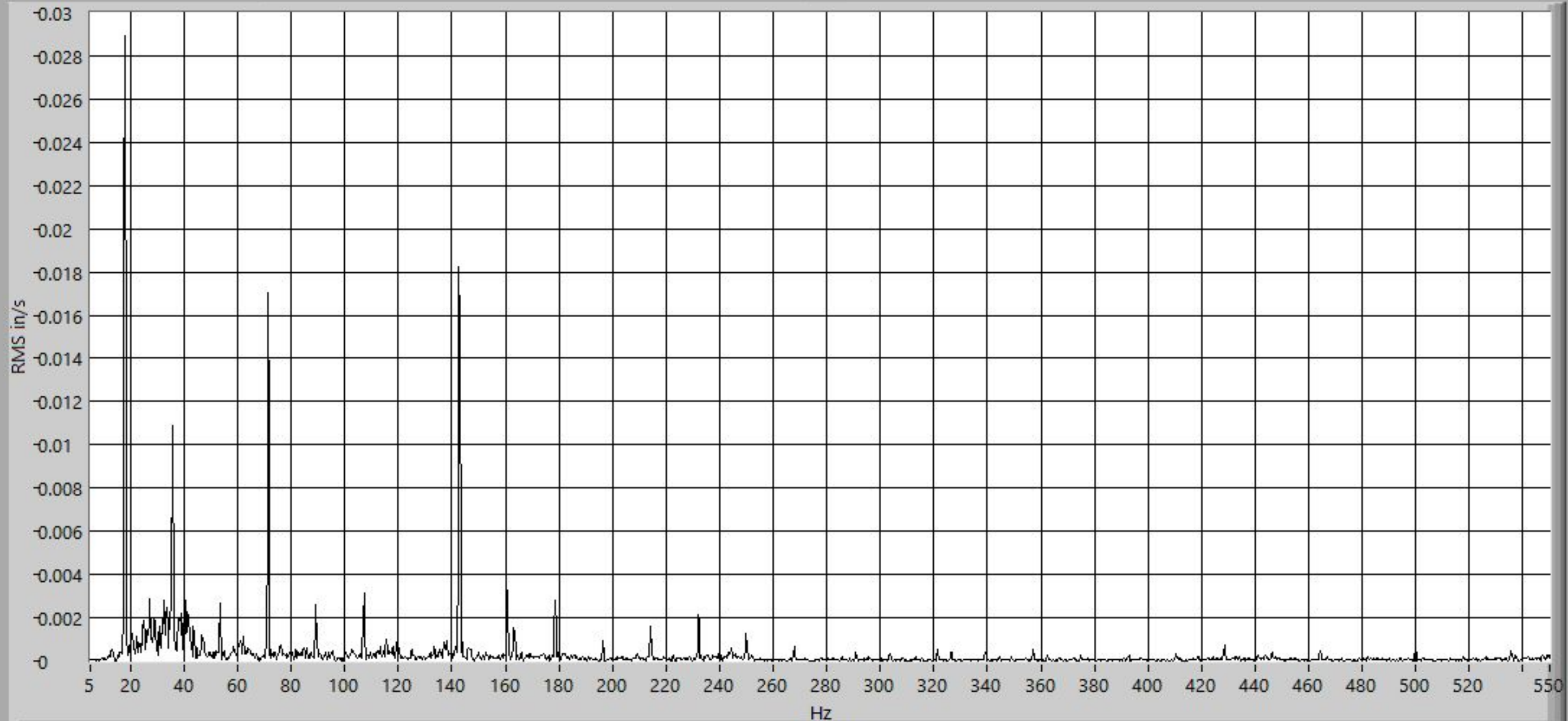
8/3/2022 12:15:16 PM

Inline

DATA POINT 4

Vibration in/s RMS 0.0457

Inline



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
41.7648	89.2316	33.4716	178.56	53.5492	27.1506	32.4276	107.151	40.1453	160.712	35.6912	71.4144	142.844	17.8532
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.002493	0.002641	0.002717	0.002822	0.002905	0.002925	0.002992	0.003159	0.003361	0.003389	0.01252	0.017388	0.020148	0.029782

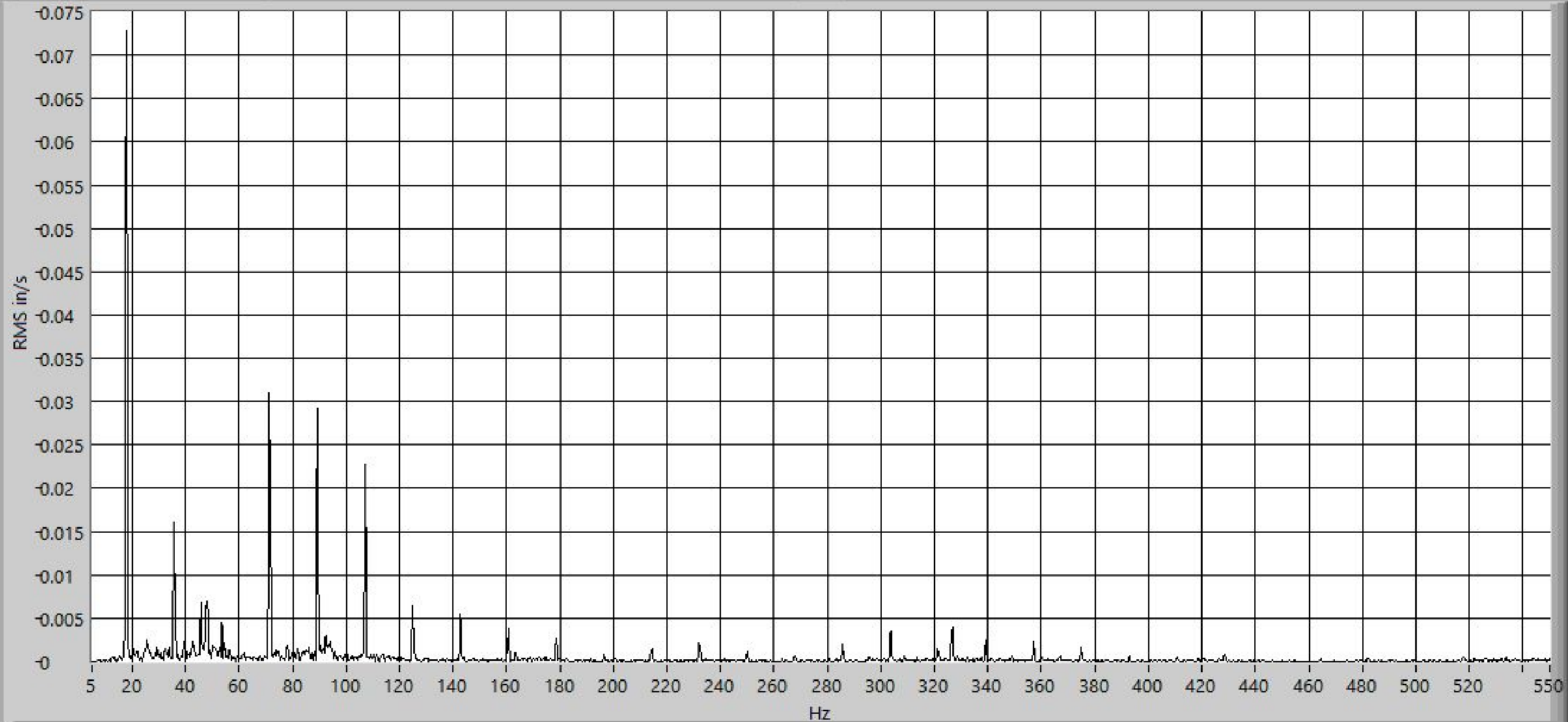
8/3/2022 12:30:17 PM

90°

DATA POINT 5

Vibration in/s RMS 0.0949

90°



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
92.3365	303.535	160.697	326.596	53.5783	142.843	45.76	124.977	47.877	35.7093	107.136	89.2676	71.4197	17.8567
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.003341	0.003914	0.003959	0.004440	0.005030	0.006052	0.006823	0.007454	0.007606	0.017864	0.023369	0.029187	0.031702	0.074794

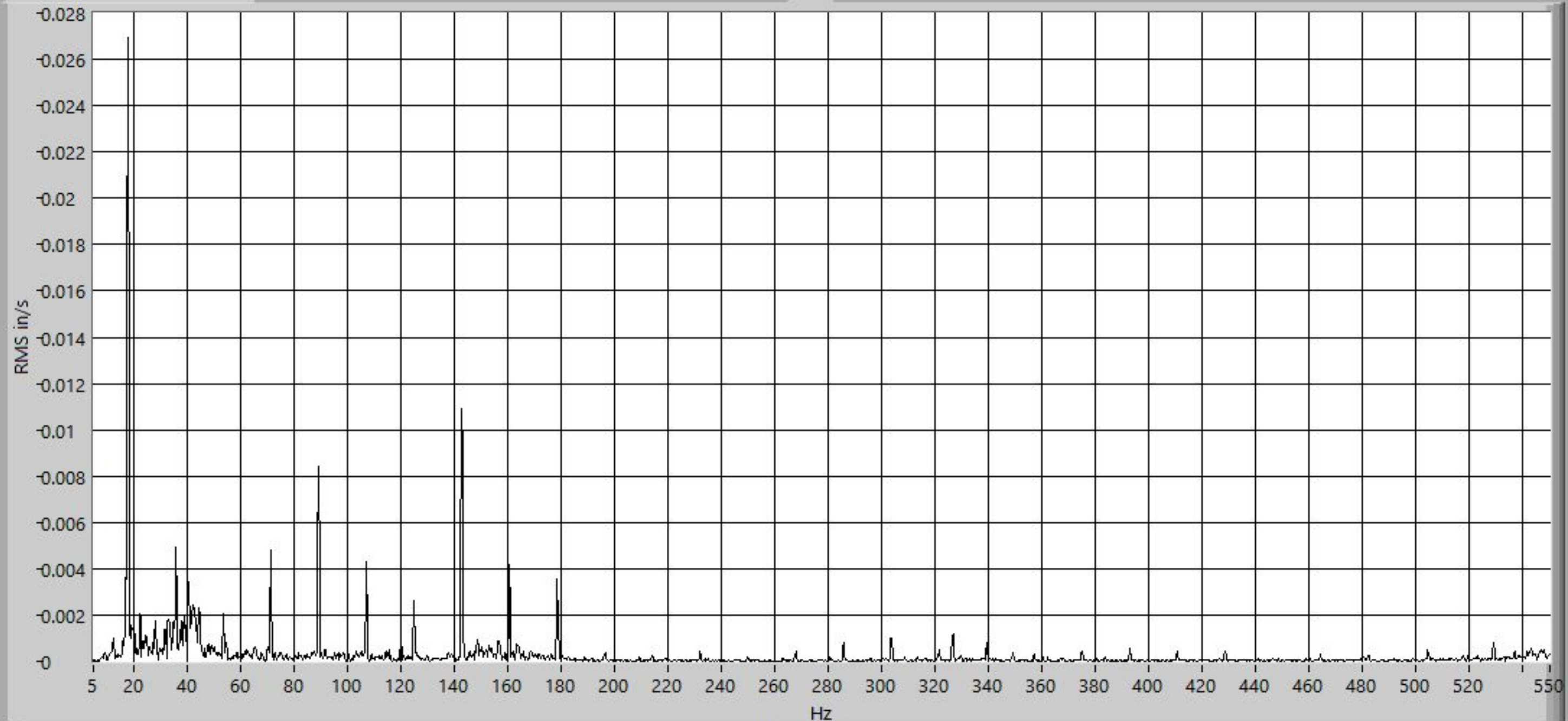
8/3/2022 12:30:17 PM

Axial

DATA POINT 5

Vibration in/s RMS 0.0368

Axial



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
53.603	44.6128	42.3863	124.974	178.546	40.4802	160.658	17.1166	107.123	35.8434	71.4273	89.2655	142.834	17.8968
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.002406	0.002589	0.002773	0.003021	0.003563	0.004051	0.004215	0.004236	0.004480	0.004909	0.004914	0.008422	0.011873	0.027029

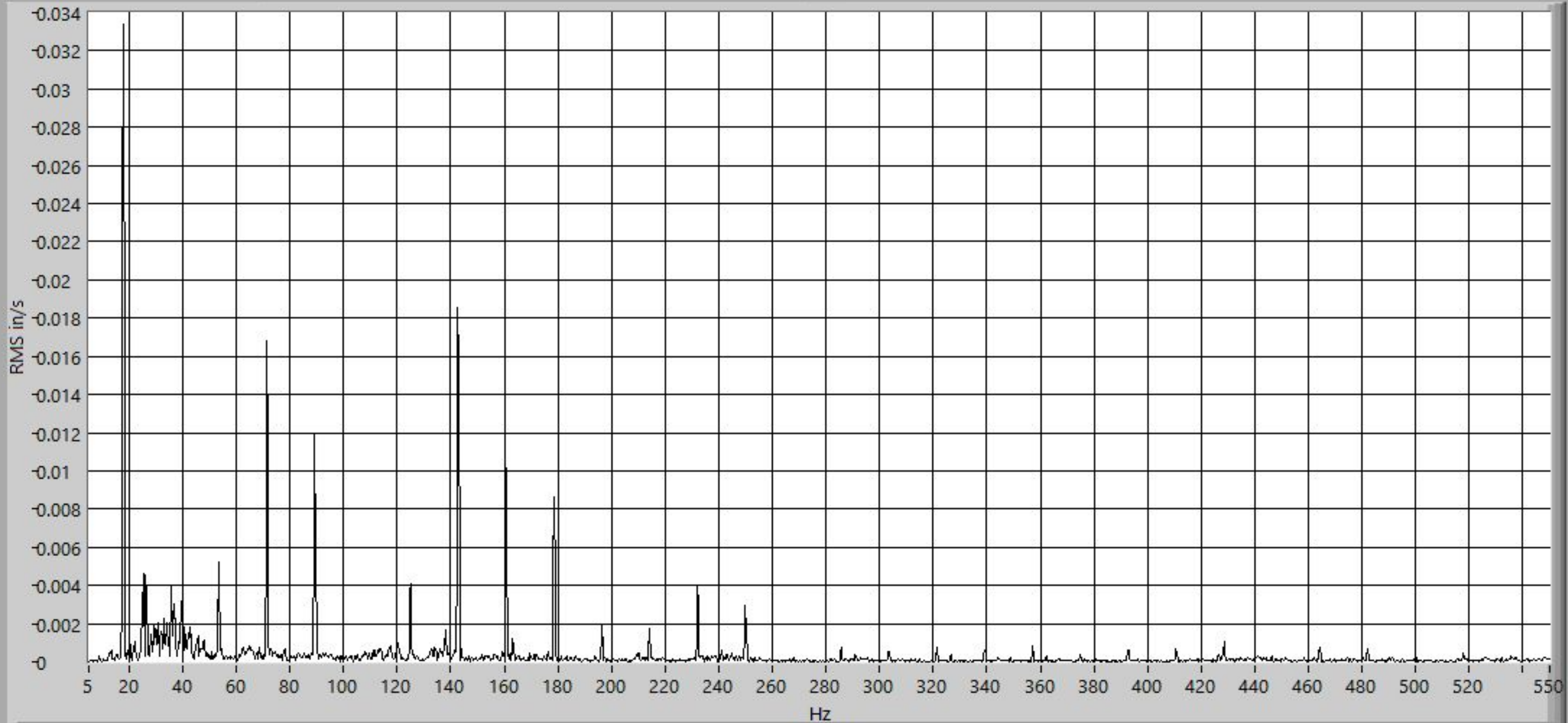
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Inline

DATA POINT 5

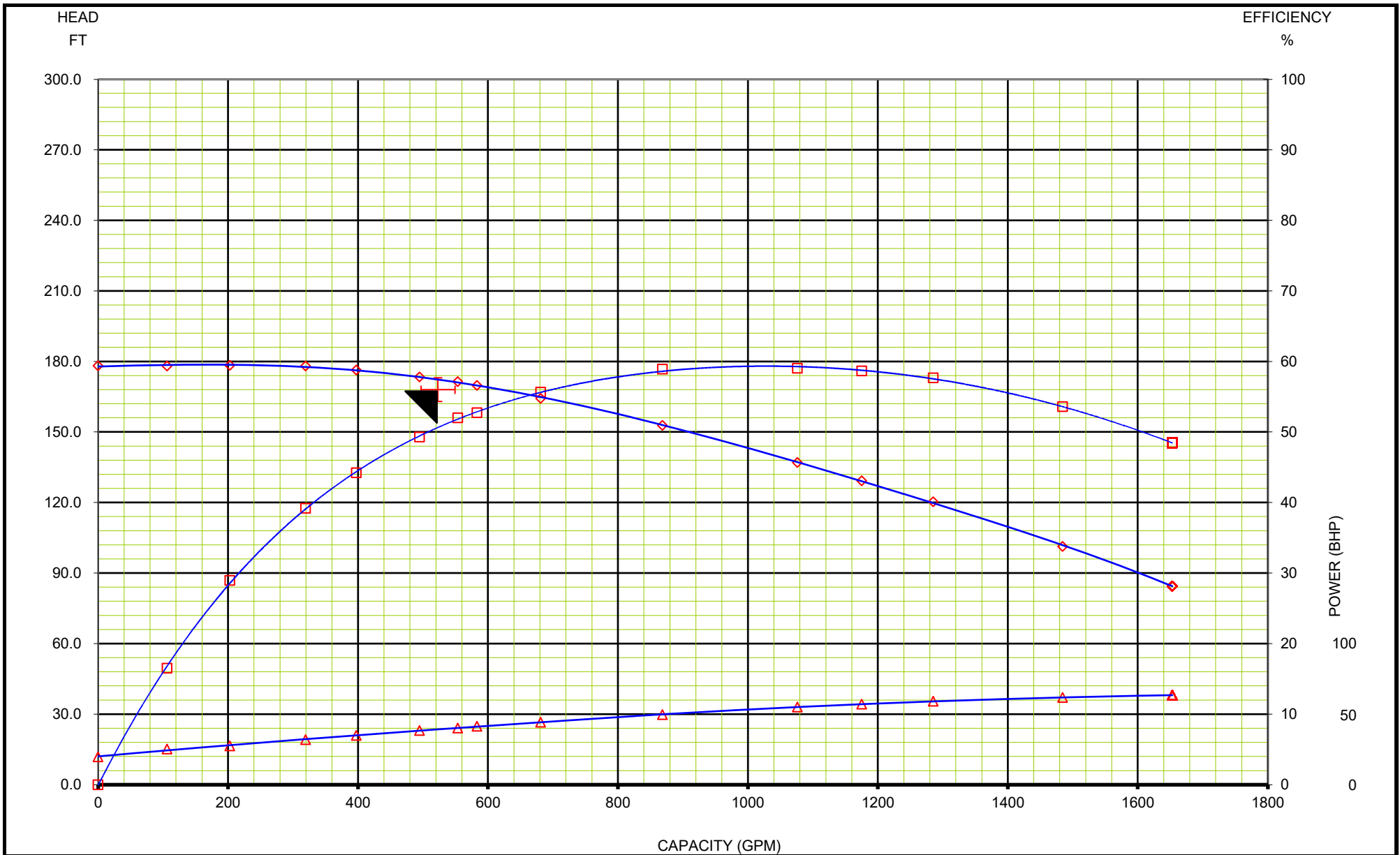
Vibration in/s RMS 0.0508

Inline



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
39.8405	39.5153	232.109	124.979	35.6895	26.3362	25.3668	53.5721	178.546	160.692	89.2653	71.4246	142.842	17.853
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.003665	0.003699	0.004212	0.004600	0.004658	0.004816	0.004839	0.005855	0.008668	0.010303	0.011884	0.017260	0.020378	0.034393



2206ME003552-2 SERIAL NO.	E3552 ORDER NO.	4M223 MODEL	1 STAGES	12 MF 480V TEST LOOP	PUMP TYPE OF TEST	Torque Meter TEST MOTOR	MAGNETIC FLOW METER	08/17/22 DATE TESTED	2WA CURVE NO
<u>CASING DATA</u> High Chrome Iron MATERIAL As Cast FINISH NA TONGUE	<u>IMPELLER DATA</u> High Chrome Iron MATERIAL As Cast FINISH 21.25 DIAMETER Deburr TIP		<u>CONDITIONS OF SERVICE</u> 523 GPM FLOW .87 SG 1B TOLERANCE		I CERTIFY THAT WITHIN THE ACCURACY OF THE TEST INSTRUMENTATION, THIS TEST REPRESENTS THE PERFORMANCE OF 2206ME003552-2 				
									



FLOWSERVE PUMP DIVISION
Taneytown MD



Reading	TEST DATA											
	DATE: 8/17/2022			SERIAL NO. 2206ME003552-2			ORDER NO. E3552					
	FLOW	POWER	DISCH	SUCT	SPEED	VIBRATION IN/SEC RMS				SOUND	TEMP	SG
	GPM	KW	PSIG	PSIG	RPM	INLINE	90 DEG	AXIAL		dB	F	

PERFORMANCE TEST RESULTS					
DATA CORRECTED TO 1040 RPM AND .87 S.G.					
FLOW	HEAD	POWER	EFFICIENCY		NPSHA
GPM	FT	BHP	PUMP		FT

1	0.00	18.92	88.10	4.80	1080.0	0.025	0.062	0.022			82.0	0.997	0.00	178.13	19.77	0.00	40.64
2	110.00	23.99	87.60	4.70	1078.0	0.029	0.068	0.022			82.0	0.997	106.12	178.02	25.21	16.52	40.60
3	210.00	26.13	87.50	4.70	1077.0	0.031	0.059	0.022			82.0	0.997	202.79	178.37	27.54	28.95	40.73
4	330.00	30.16	86.70	4.60	1075.0	0.031	0.057	0.022			82.0	0.997	319.26	178.01	31.96	39.19	40.79
5	410.00	32.77	85.40	4.60	1073.0	0.027	0.089	0.022			82.0	0.997	397.39	176.30	34.92	44.22	41.05
6	510.00	35.91	83.50	4.50	1072.0	0.028	0.096	0.023			82.0	0.997	494.78	173.41	38.38	49.28	41.08
7	570.00	37.52	82.10	4.40	1071.0	0.028	0.095	0.023			82.0	0.997	553.50	171.40	40.21	51.99	41.06
8	600.00	38.50	81.00	4.30	1070.0	0.028	0.095	0.022			82.0	0.997	583.18	169.80	41.38	52.74	40.99
9	700.00	41.12	77.80	4.20	1069.0	0.028	0.103	0.023			82.0	0.997	681.01	164.32	44.32	55.65	41.09
10	890.00	45.68	70.70	3.80	1066.0	0.030	0.102	0.022			82.0	0.997	868.29	152.82	49.64	58.91	41.02
11	1100.00	50.20	61.20	3.30	1063.0	0.032	0.069	0.022			82.0	0.997	1076.20	136.99	55.03	59.05	40.94
12	1200.00	51.92	56.60	3.10	1062.0	0.031	0.097	0.022			82.0	0.997	1175.14	129.27	57.06	58.67	41.01
13	1310.00	53.45	51.10	2.80	1060.0	0.032	0.108	0.022			82.0	0.997	1285.28	120.33	59.08	57.69	41.03
14	1510.00	55.60	39.70	2.10	1058.0	0.034	0.110	0.022			82.0	0.997	1484.31	101.27	61.81	53.60	40.71
15	1680.00	56.93	29.50	1.40	1057.0	0.035	0.105	0.022			82.0	0.997	1652.98	84.43	63.46	48.47	40.27

ENDURANCE TEST VIBRATION RESULTS

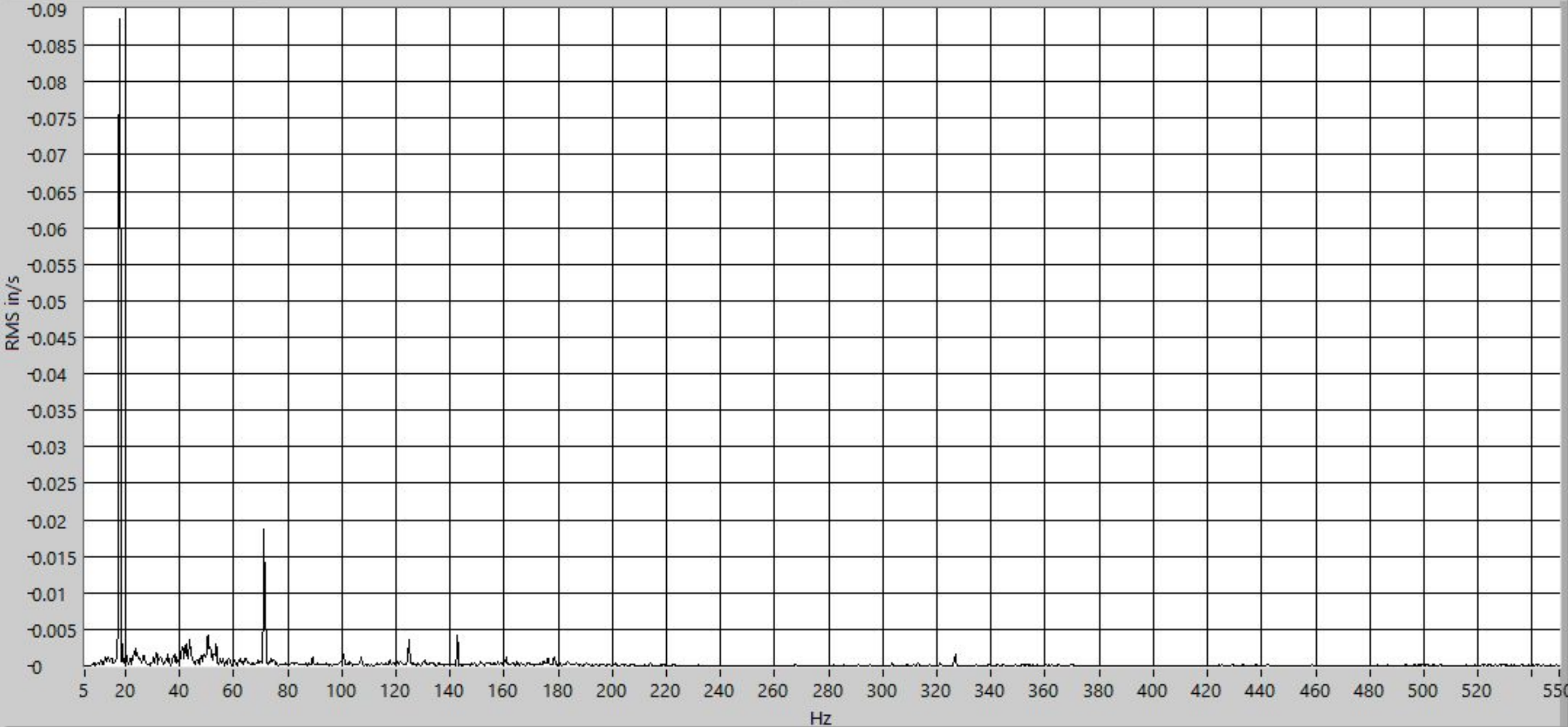
8/17/2022 9:19:24 AM

90°

DATA POINT 1

Vibration in/s RMS 0.0958

90°



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
19.9989	23.1707	24.0332	18.88	51.0522	41.0889	53.5486	42.421	124.903	43.6534	142.757	50.412	71.3713	17.8429
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.002136	0.002310	0.002336	0.002919	0.002940	0.002961	0.003188	0.003372	0.003932	0.004093	0.004162	0.004746	0.018752	0.092092

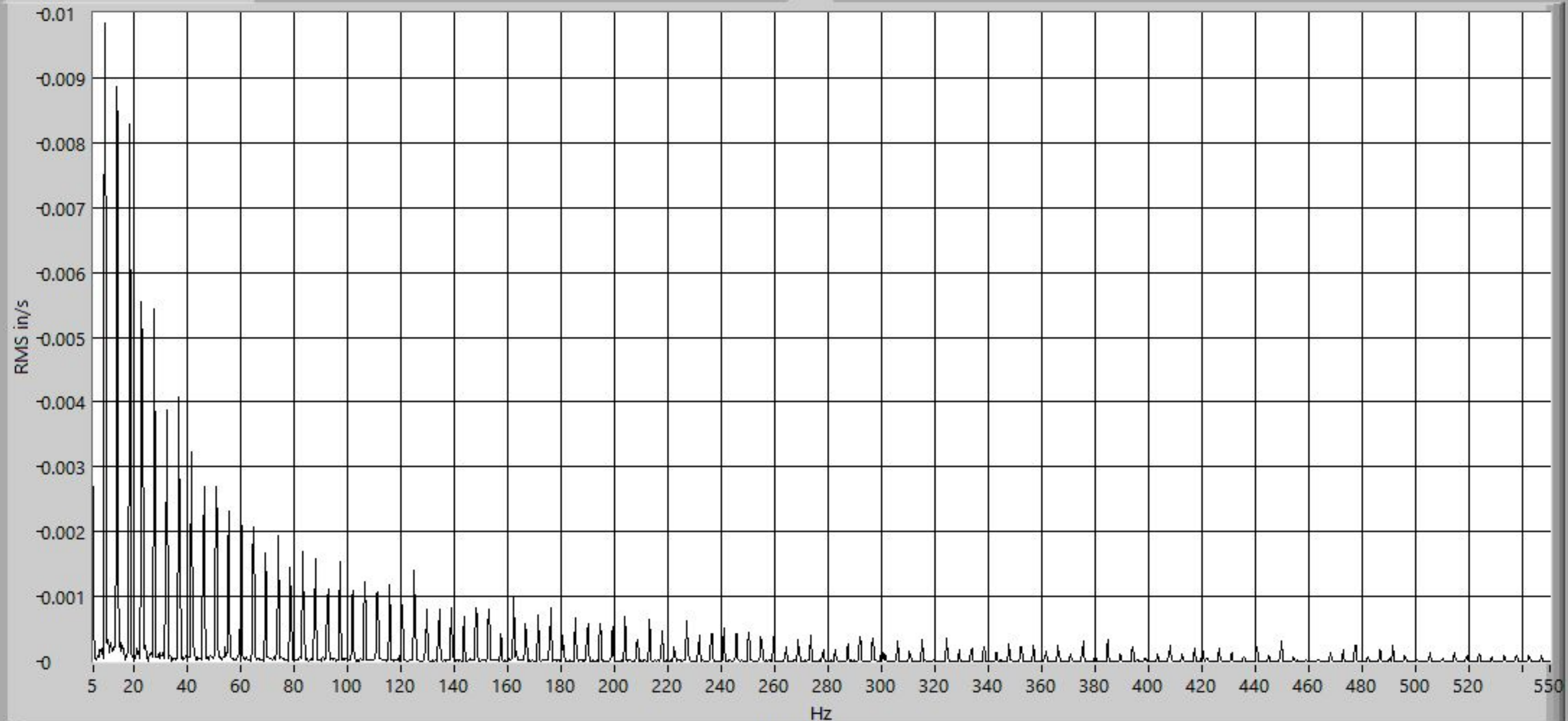
8/17/2022 9:19:24 AM

Axial

DATA POINT 1

Vibration in/s RMS 0.0225

Axial



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
74.1437	64.8703	55.6084	60.2306	46.3323	50.9774	41.704	37.069	32.4331	27.7981	23.1626	18.5365	9.26861	13.8987
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.002045	0.002190	0.002381	0.002573	0.002773	0.002862	0.003459	0.004135	0.004204	0.005487	0.006108	0.008305	0.009859	0.010032

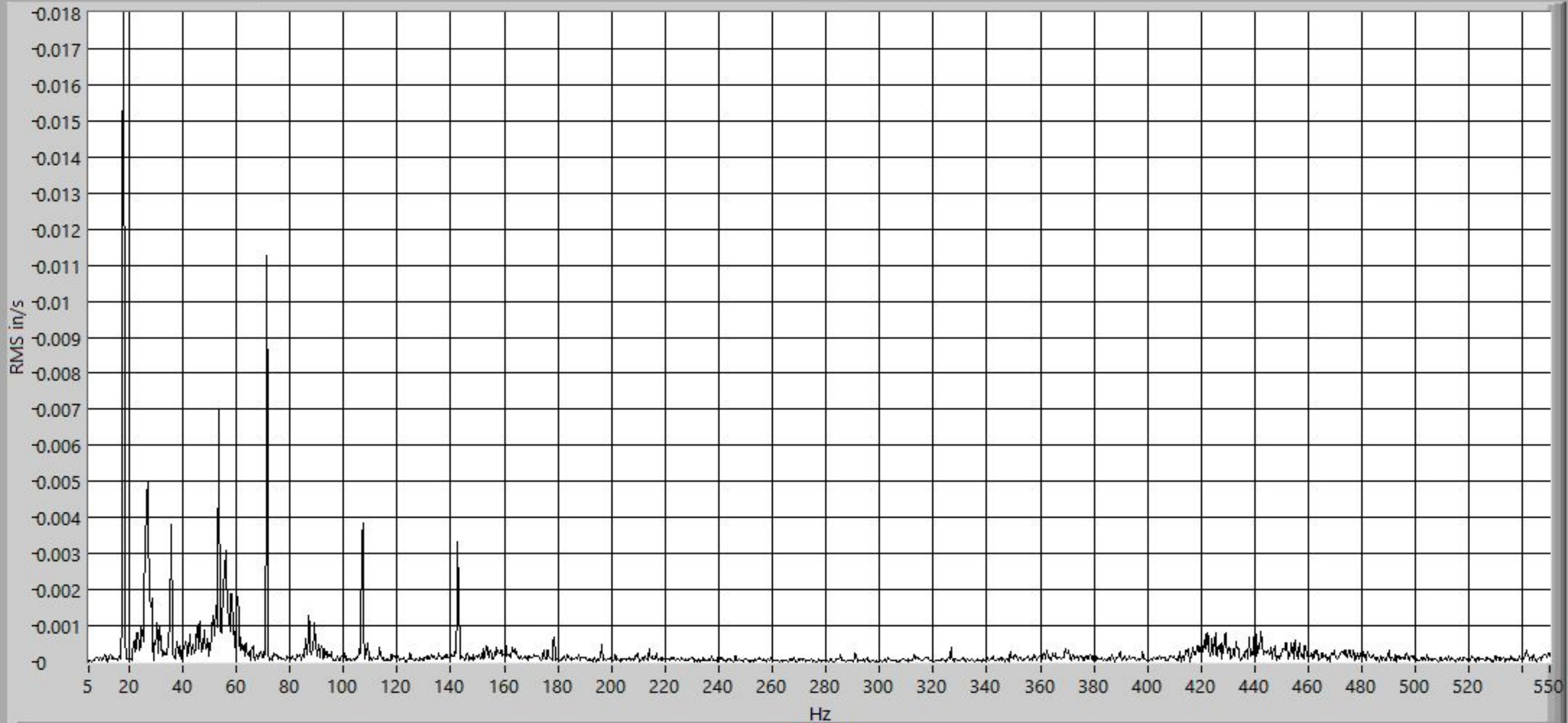
8/17/2022 9:19:24 AM

Inline

DATA POINT 1

Vibration in/s RMS 0.0285

Inline



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
51.3624	52.5224	28.3497	60.3376	58.0835	142.751	55.8856	26.0725	107.064	35.6869	26.7387	53.5521	71.3788	17.8451
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.001517	0.001582	0.001946	0.002058	0.002216	0.003343	0.003345	0.003547	0.004338	0.004401	0.005662	0.007543	0.011305	0.018638

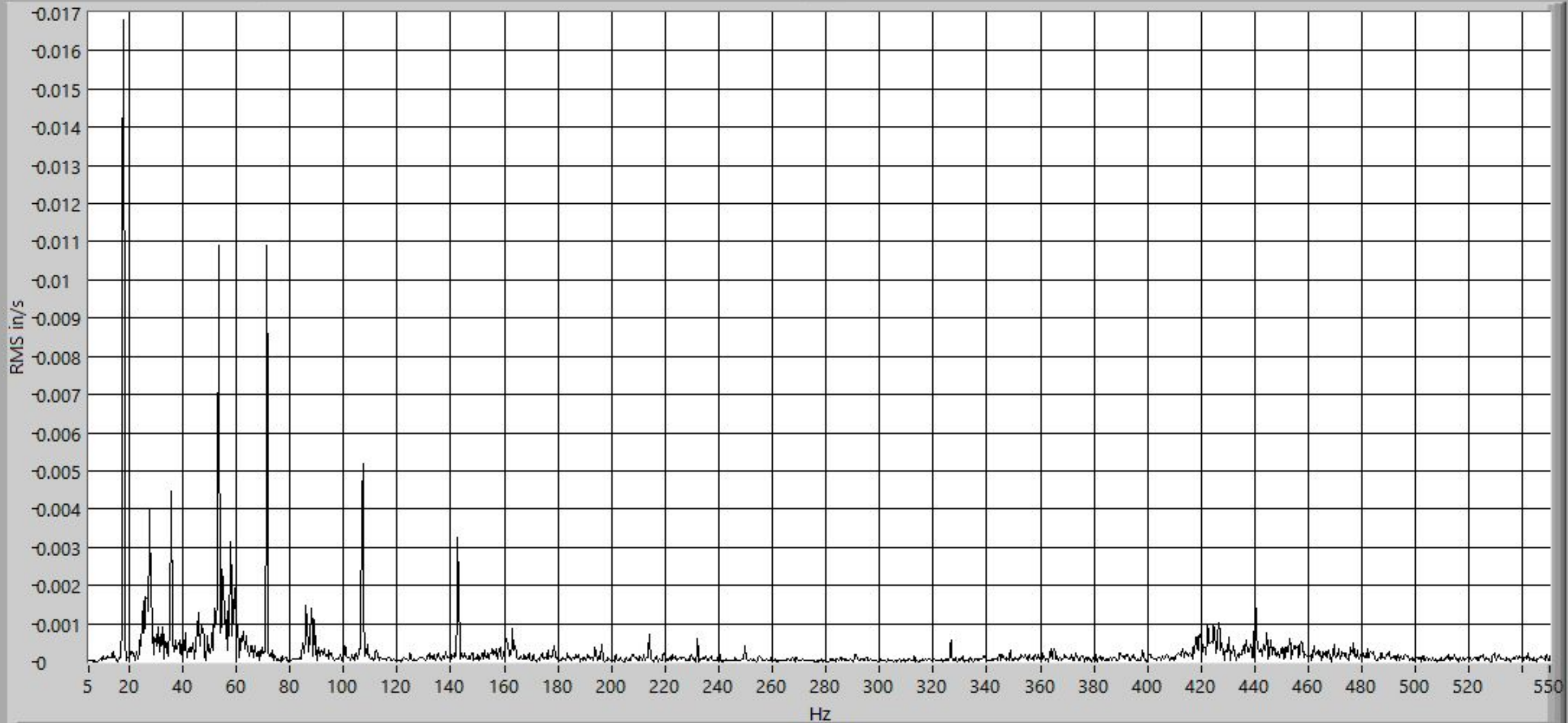
8/17/2022 9:35:13 AM

Inline

DATA POINT 2

Vibration in/s RMS 0.0290

Inline



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
440.177	25.2175	26.7236	26.3938	59.3218	54.8466	142.765	57.813	27.735	35.6942	107.085	71.3929	53.5295	17.847
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.001597	0.001616	0.001983	0.001994	0.002108	0.002698	0.003297	0.003393	0.004245	0.005100	0.005657	0.010962	0.011462	0.017396

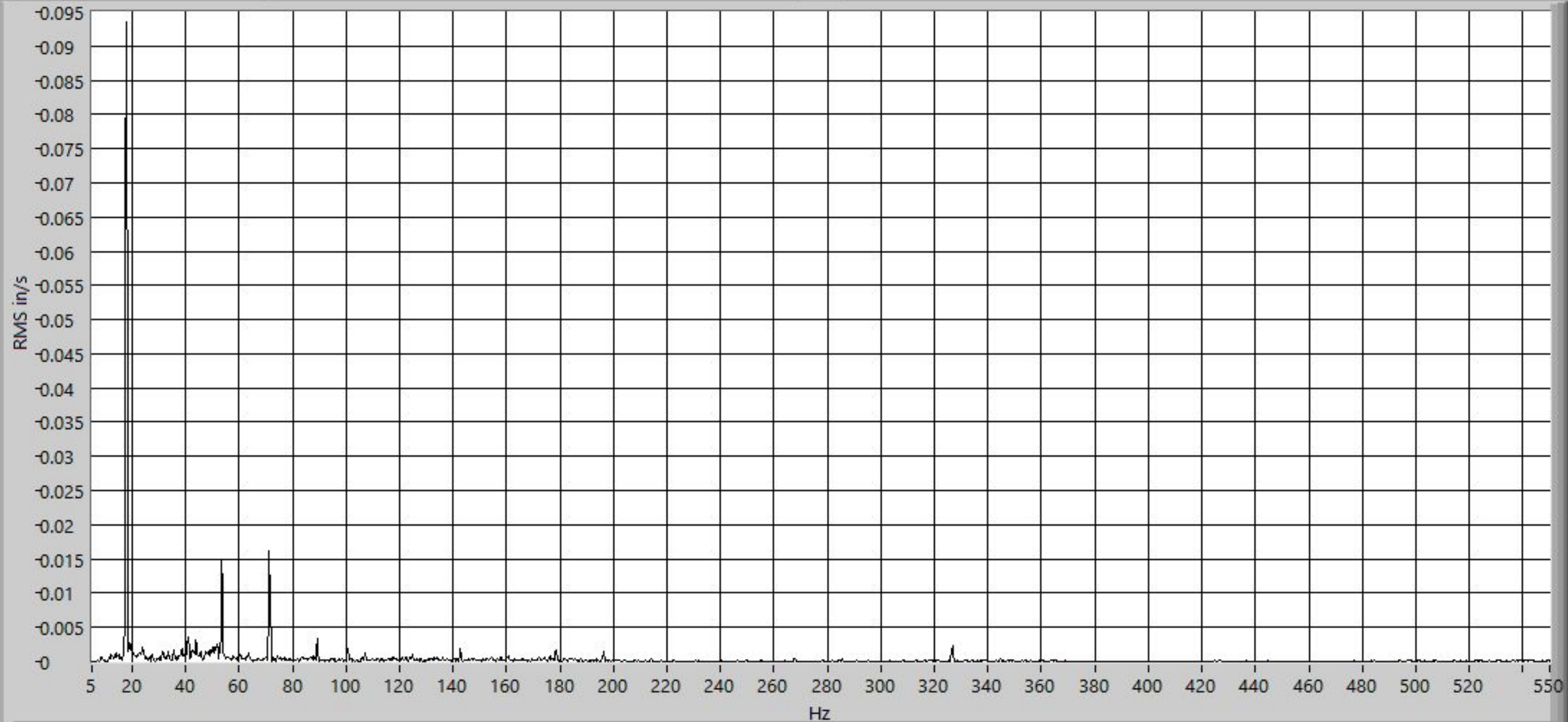
8/17/2022 9:35:13 AM

90°

DATA POINT 2

Vibration in/s RMS 0.1007

90°



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
50.0049	24.0651	100.666	50.9764	52.0034	326.652	51.6344	19.3501	89.2501	43.958	40.9089	53.5353	71.3937	17.8443
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.002123	0.002167	0.002210	0.002306	0.002394	0.002437	0.002653	0.003072	0.003331	0.003499	0.003700	0.015612	0.016223	0.097013

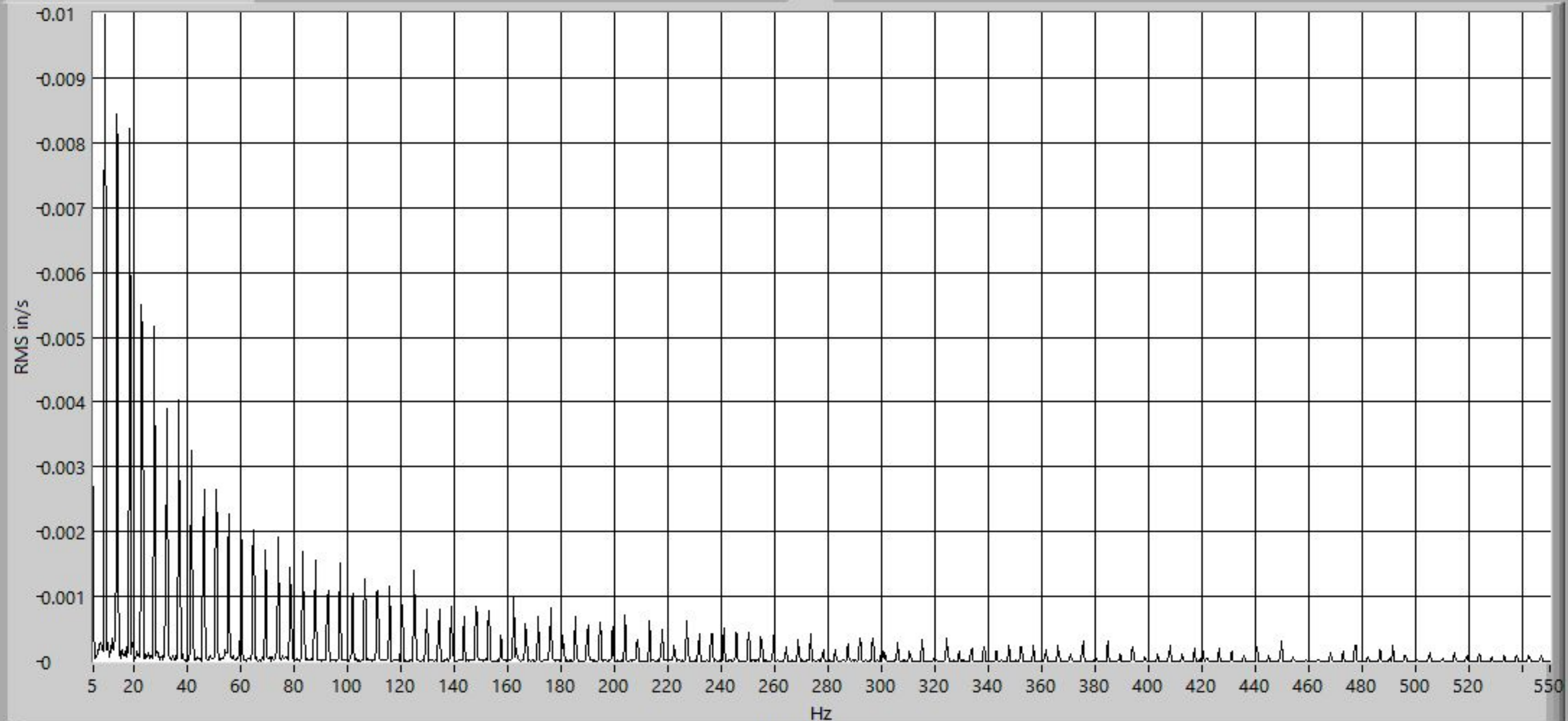
8/17/2022 9:35:13 AM

Axial

DATA POINT 2

Vibration in/s RMS 0.0223

Axial



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
74.1353	64.8679	60.2596	55.6057	46.3325	50.9707	41.7007	37.0725	32.4408	27.8041	23.1763	18.54	13.9028	9.27167
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.0020624	0.0021480	0.0022714	0.0023530	0.0027350	0.0027830	0.0034600	0.0040800	0.0042690	0.0052110	0.0062030	0.0082400	0.0096080	0.0099740

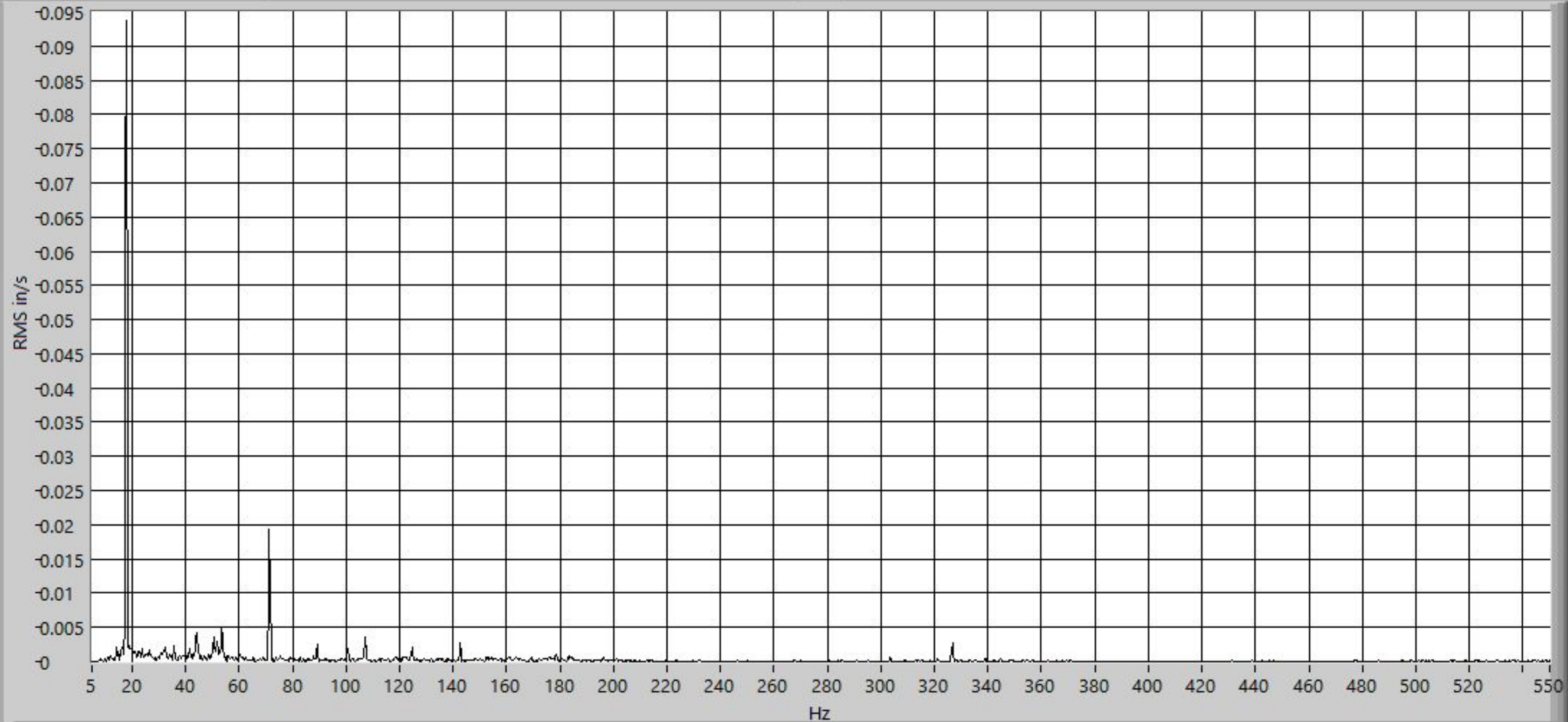
8/17/2022 9:50:15 AM

90°

DATA POINT 3

Vibration in/s RMS 0.1012

90°



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
35.7374	32.5068	16.5374	19.0848	89.2511	326.663	142.754	51.7028	50.5903	107.075	44.0516	53.5602	71.3813	17.8453
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.002390	0.002393	0.002430	0.002545	0.002565	0.002694	0.002719	0.003357	0.003611	0.003969	0.004440	0.005251	0.019496	0.097161

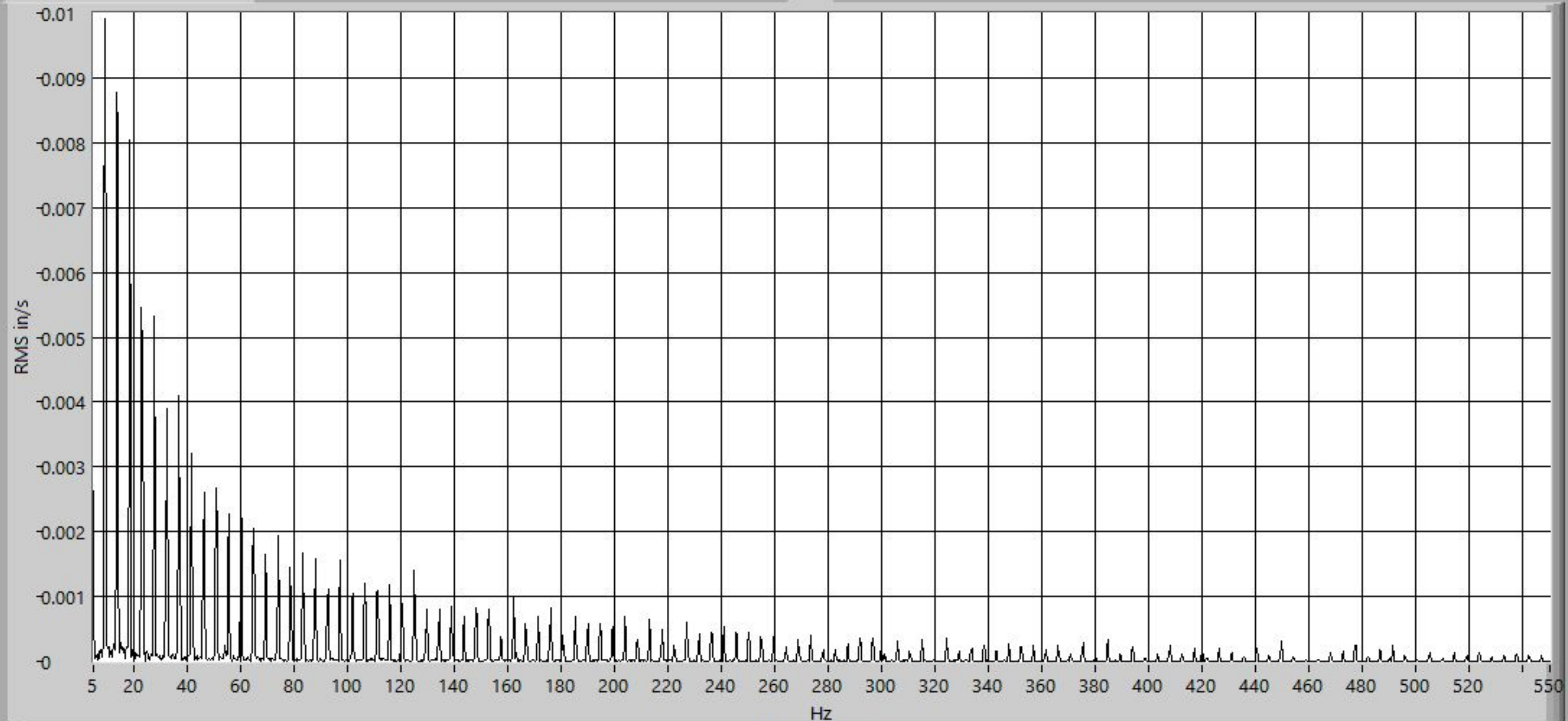
8/17/2022 9:50:15 AM

Axial

DATA POINT 3

Vibration in/s RMS 0.0222

Axial



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
74.1414	64.867	55.6109	46.335	60.2144	50.9694	41.7067	37.0696	32.4394	27.7979	23.1682	18.5344	9.26308	13.9033
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.002063	0.002164	0.002349	0.002684	0.002776	0.002820	0.003440	0.004168	0.004255	0.005382	0.006065	0.008079	0.009923	0.009995

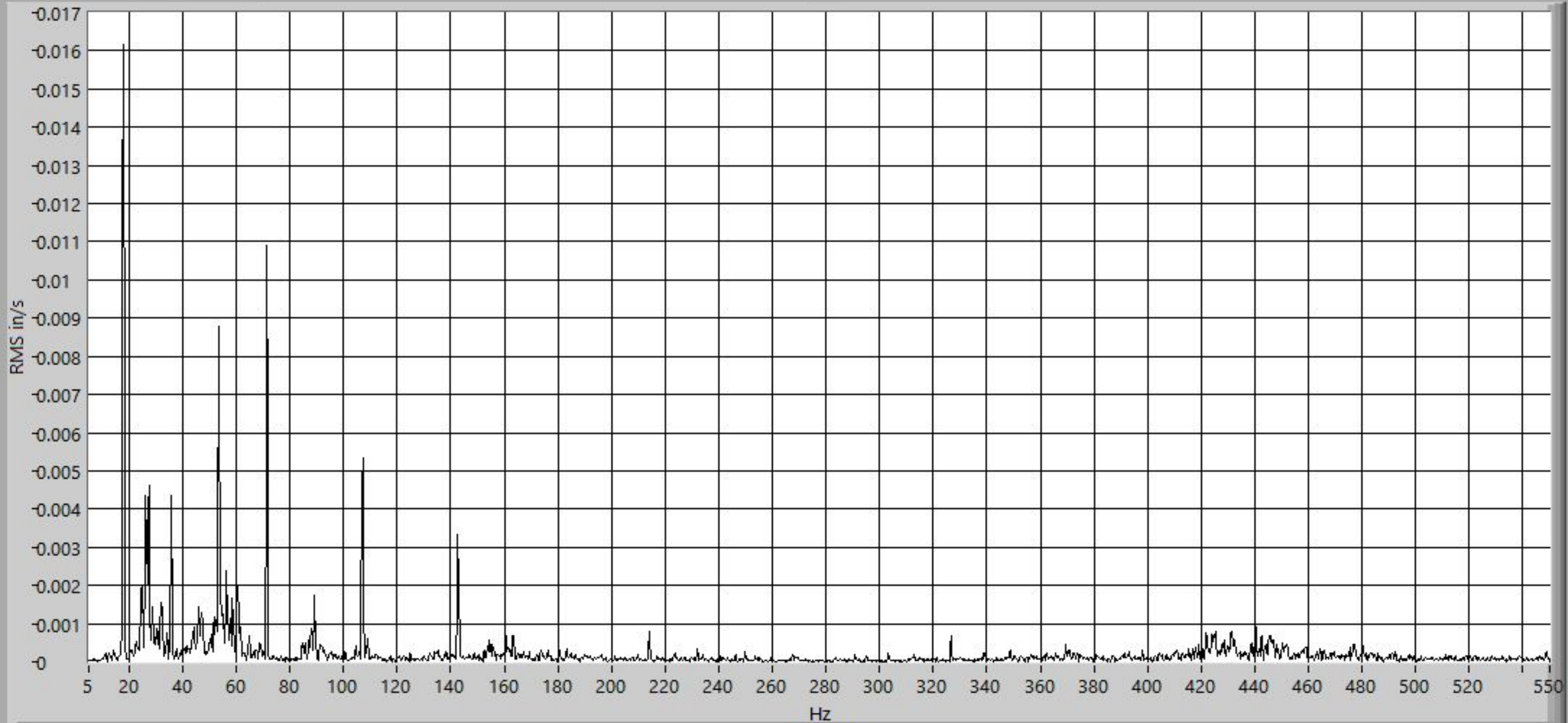
8/17/2022 9:50:15 AM

Inline

DATA POINT 3

Vibration in/s RMS 0.0279

Inline



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
58.63	32.1352	89.2099	24.8115	60.3074	56.2732	142.771	26.3233	35.7233	27.3934	107.074	53.5673	71.3822	17.8465
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.001705	0.001738	0.001802	0.002271	0.002402	0.002435	0.003386	0.004538	0.004765	0.005094	0.005897	0.009744	0.010919	0.016711

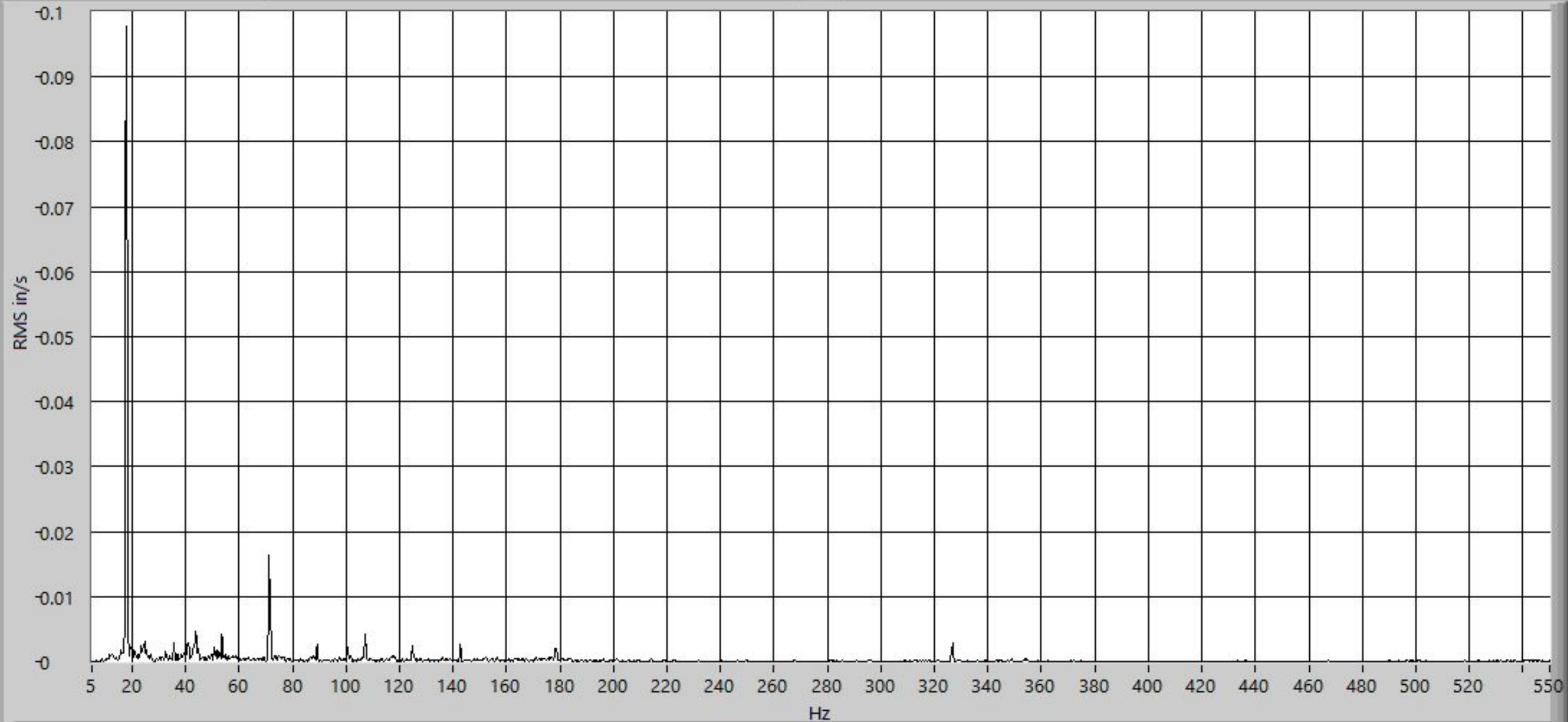
8/17/2022 10:05:12 AM

90°

DATA POINT 4

Vibration in/s RMS 0.1054

90°



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
142.747	23.4709	124.896	89.2024	326.662	20.0027	40.8391	35.7047	24.5254	53.5788	107.066	43.9266	71.381	17.8445
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.002562	0.002676	0.002691	0.002805	0.002849	0.002961	0.003092	0.003254	0.003264	0.004682	0.004757	0.004981	0.016476	0.101422

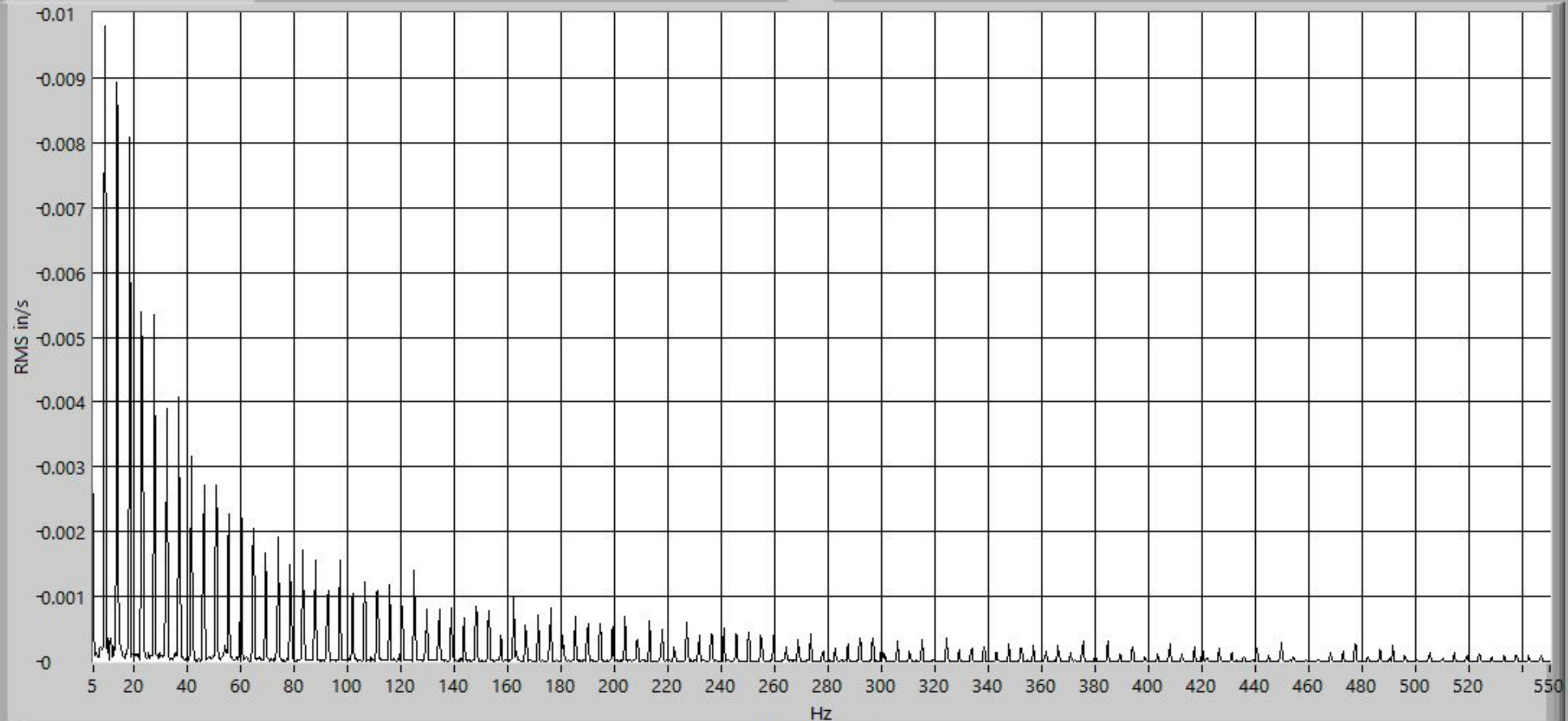
8/17/2022 10:05:12 AM

Axial

DATA POINT 4

Vibration in/s RMS 0.0226

Axial



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
74.1345	64.8667	55.6018	60.2203	46.3322	50.9703	41.6996	37.0772	32.437	27.8045	23.165	18.5372	9.26499	13.9016
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.002048	0.002162	0.002351	0.002752	0.002794	0.002850	0.003379	0.00413	0.004243	0.005381	0.005958	0.008104	0.009813	0.010140

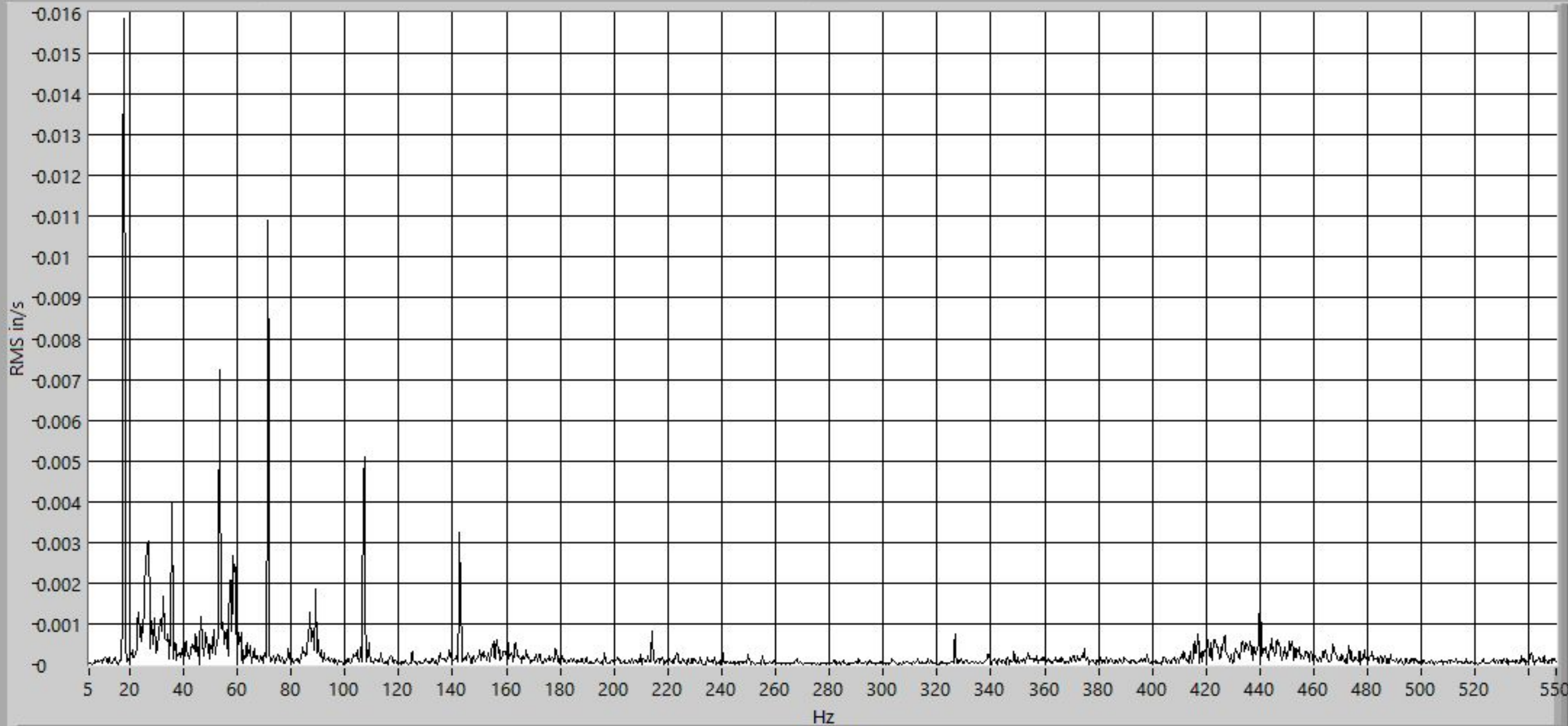
8/17/2022 10:05:12 AM

Inline

DATA POINT 4

Vibration in/s RMS 0.0270

Inline



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
86.8994	439.873	32.5108	89.1774	57.4392	59.0511	58.6824	142.743	26.73	35.6934	107.065	53.5386	71.3854	17.8434
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.001452	0.001489	0.001866	0.001967	0.002434	0.002751	0.002934	0.003269	0.003517	0.004529	0.005707	0.007675	0.010954	0.016470

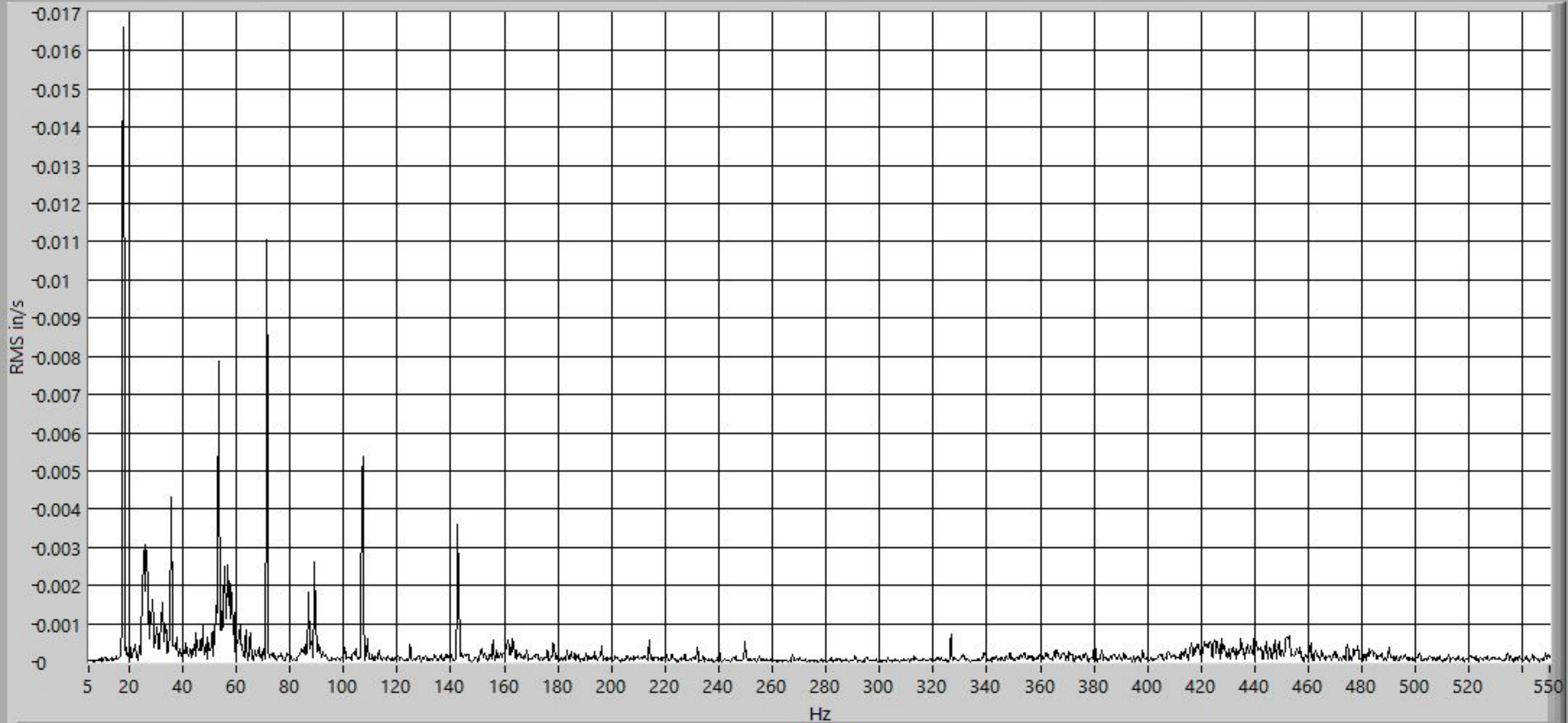
8/17/2022 10:20:07 AM

Inline

DATA POINT 5

Vibration in/s RMS 0.0278

Inline



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
28.6329	86.9298	58.027	55.6379	89.2433	56.8647	25.4462	26.3826	142.755	35.6924	107.063	53.5238	71.382	17.8426
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.001901	0.001977	0.002188	0.002543	0.002651	0.002699	0.003377	0.003478	0.003623	0.004971	0.006045	0.008238	0.011105	0.017273

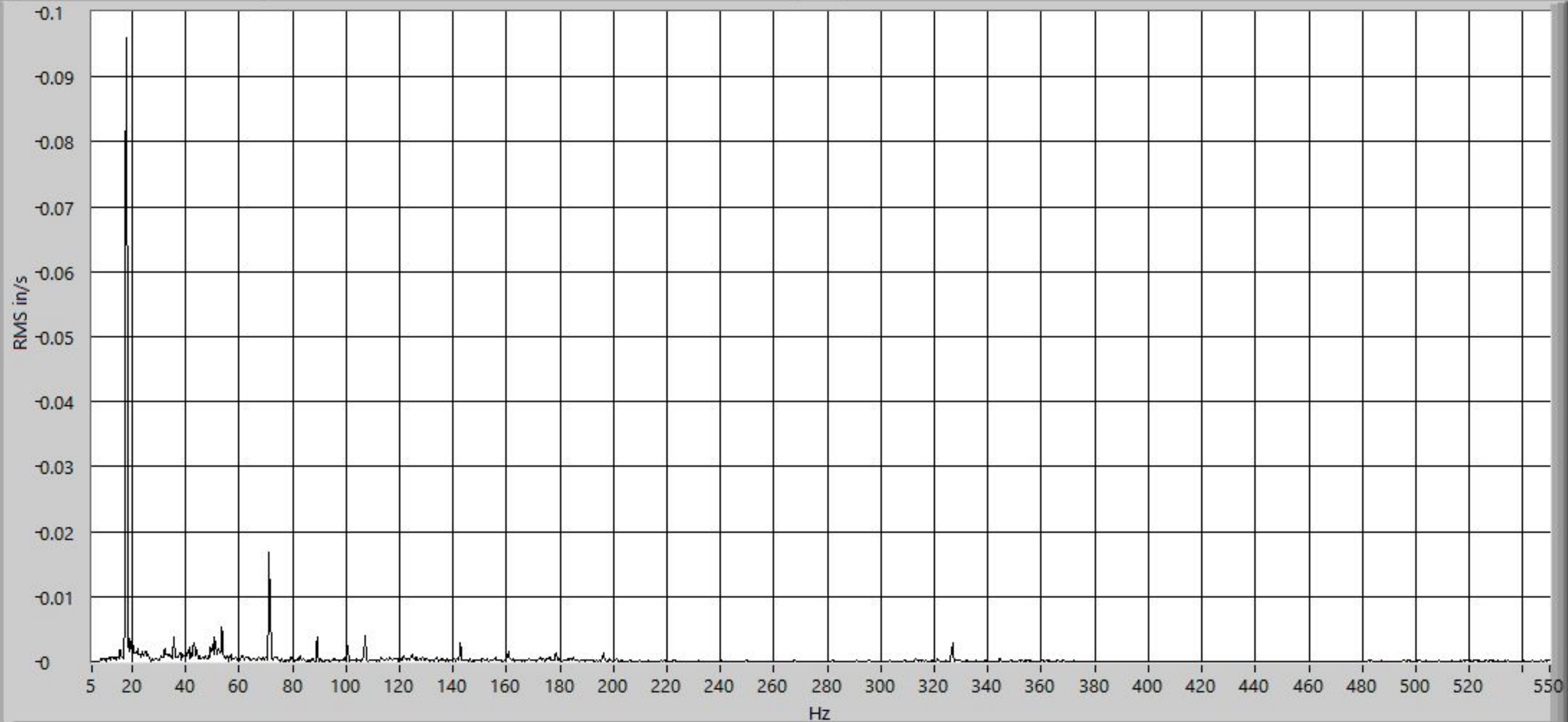
8/17/2022 10:20:07 AM

90°

DATA POINT 5

Vibration in/s RMS 0.1034

90°



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
100.576	50.0633	142.763	326.668	43.1273	20.2782	89.2327	19.3083	50.9473	35.6797	107.061	53.5545	71.3702	17.8436
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.002568	0.002903	0.002903	0.002940	0.002971	0.003194	0.003913	0.003927	0.003981	0.004369	0.004569	0.005736	0.016916	0.099646

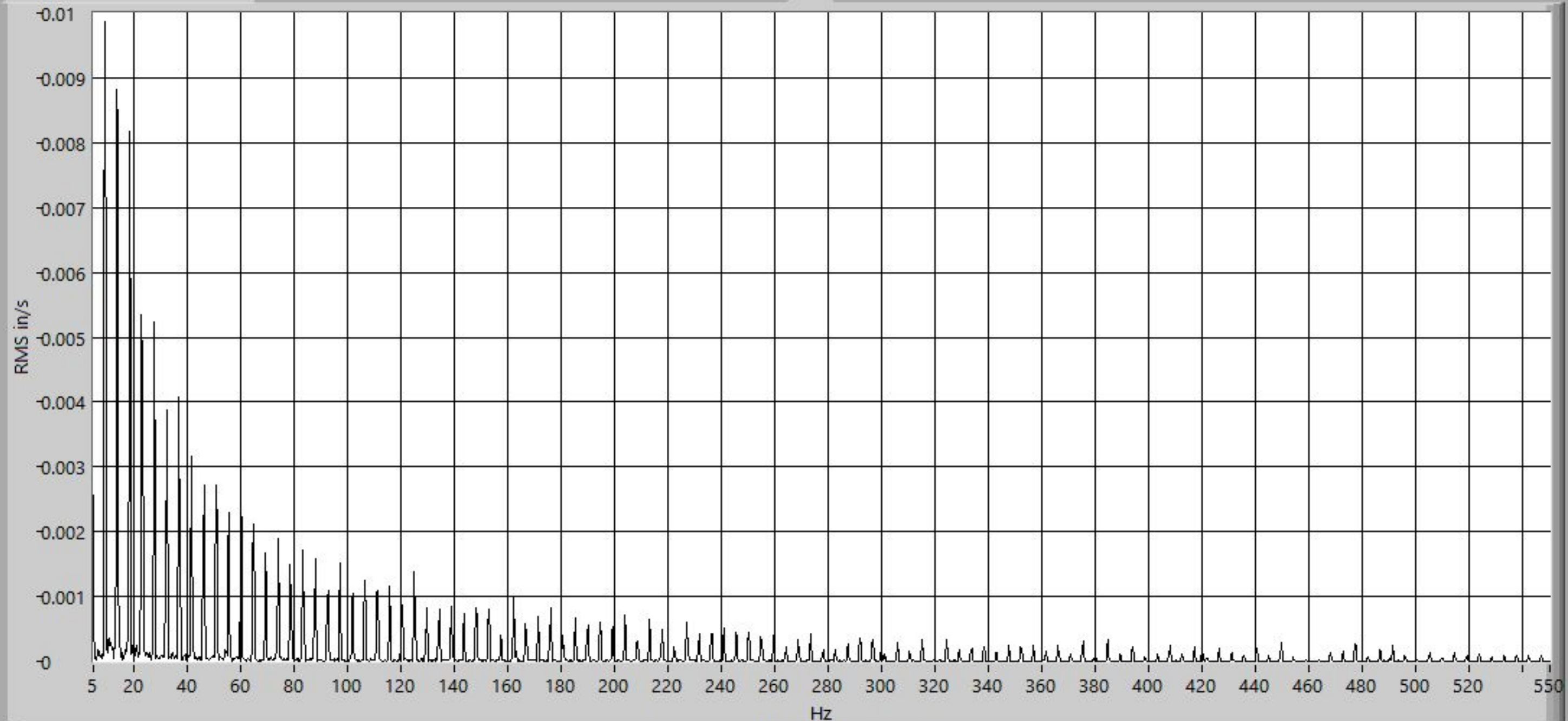
8/17/2022 10:20:07 AM

Axial

DATA POINT 5

Vibration in/s RMS 0.0223

Axial



PEAKS

freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.	freq.
74.1355	64.8709	55.6088	46.3379	60.2103	50.9672	41.6957	37.0623	32.4356	27.8021	23.1619	18.5355	9.26558	13.903
value	value	value	value	value	value	value	value	value	value	value	value	value	value
0.002020	0.002217	0.002371	0.002784	0.002793	0.002847	0.003350	0.004157	0.004214	0.005276	0.005887	0.008208	0.009878	0.010038