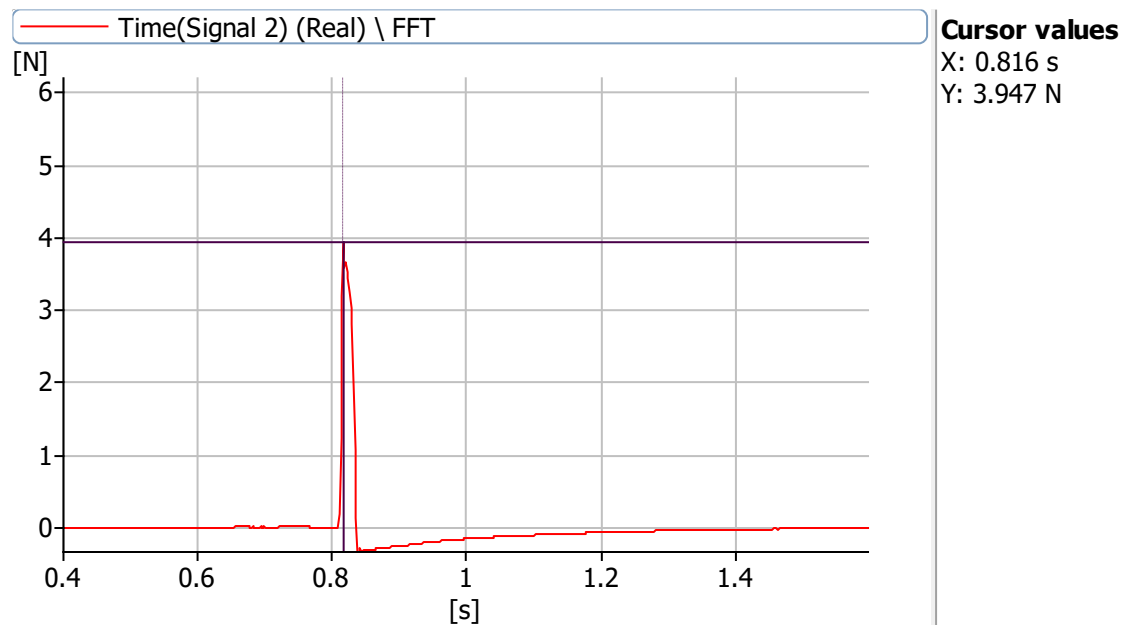
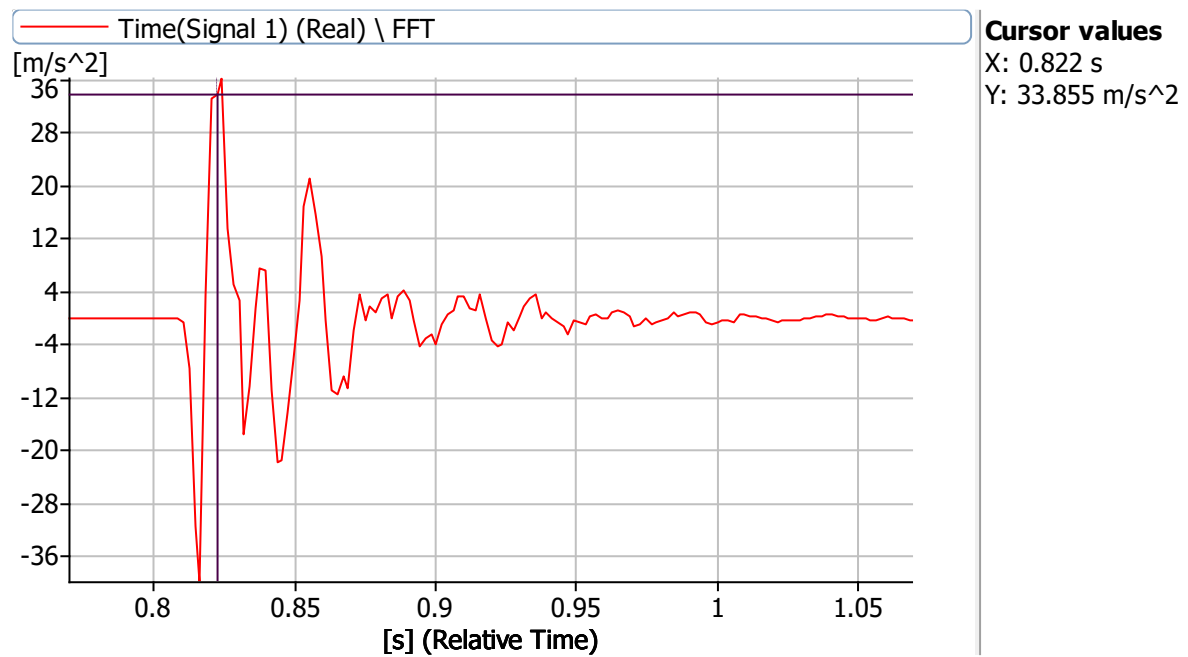
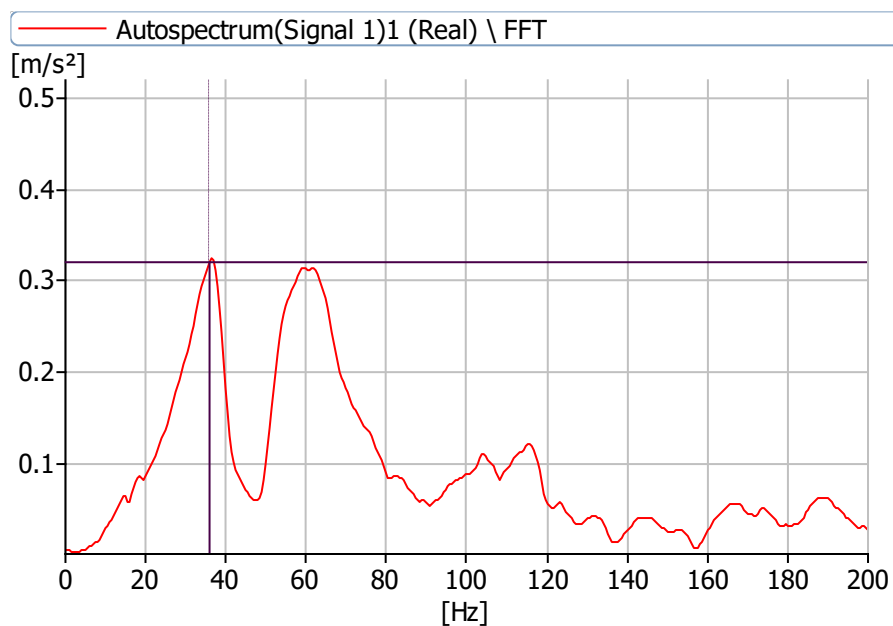




AST free



AST free free

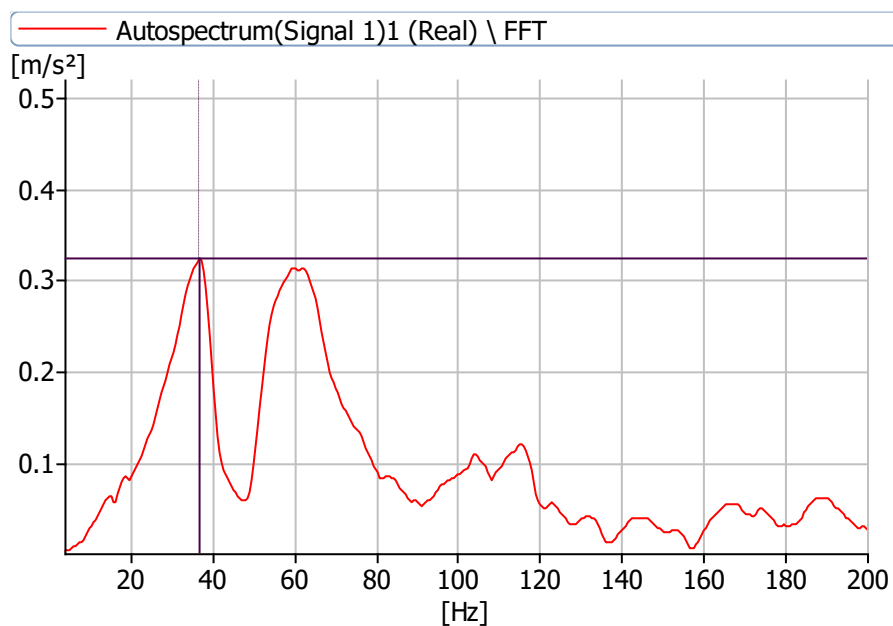


Cursor values

X: 36.000 Hz

Y: 0.321 m/s²

AST FREE FREE



Cursor values

X: 36.500 Hz

Y: 0.325 m/s²

Header Size: 79

Pulse Version: 80

Running Pulse Version: PULSE LabShop v. 14.1.0.196 - 2009-12-08

Decimal Symbol: .

Date Format: dd-MM-yyyy

Time Format: HH:mm:ss:mmm

Data Type: Real

Slice: False

Z-Axis type: Linear

Z-Axis size: 1

Z-Axis unit:

Z-Axis first value: 0.0000000000e+000

Z-Axis delta: 1.0000000000e+000

X-Axis type: Linear

X-Axis size: 401

X-Axis unit: Hz

X-Axis first value: 0.0000000000e+000

X-Axis delta: 5.0000000000e-001

AmplitudeUnit: m/s^2

Analyzer: FFT_Spectrum_Averaging

AnalyzerName: FFT

Bipolar: False

CenterFrequency: 1.0000000000e+002

Domain: 1

Function: Autospectrum

InputRange: 1.0314214480e+004

MultiBufferName: Input

NBW: 1.5000000000e+000

OverlapFailed: False

Overflow: False

Power: True

PowerUnit: $(\text{m/s}^2)^2$

RecordLength: 2.0000000000e+000

ReducedSize: True

SamplingRatio: 2.5600000000e+000

Signal: Signal 1

SignalUnit: m/s^2

Title: Autospectrum(Signal 1)1

Title1: Working : ast 71 : Input : FFT

Weight:0

ZoomOn: False

TemplateName:Working

MeasurementName: ast 71

MeasurementSlice: False

DeltaFrequency: 5.0000000000e-001

EnvelopeOn: False

Z-index: 1

Date: 24-08-2022

Time: 15:53:35:748

Relative time: 0.00000e+000

Z-axis: 0.0000000000e+000

1	0.0000000000e+000	2.90058e-005
2	5.0000000000e-001	3.81472e-005
3	1.0000000000e+000	2.35654e-005

4	1.5000000000e+000	1.74210e-005
5	2.0000000000e+000	1.69532e-005
6	2.5000000000e+000	1.76138e-005
7	3.0000000000e+000	1.47107e-005
8	3.5000000000e+000	1.21230e-005
9	4.0000000000e+000	2.03153e-005
10	4.5000000000e+000	2.83721e-005
11	5.0000000000e+000	3.72079e-005
12	5.5000000000e+000	5.40695e-005
13	6.0000000000e+000	7.72088e-005
14	6.5000000000e+000	1.06109e-004
15	7.0000000000e+000	1.38586e-004
16	7.5000000000e+000	1.72047e-004
17	8.0000000000e+000	2.16549e-004
18	8.5000000000e+000	2.69158e-004
19	9.0000000000e+000	3.90164e-004
20	9.5000000000e+000	6.35737e-004
21	1.0000000000e+001	8.59967e-004
22	1.0500000000e+001	1.02014e-003
23	1.1000000000e+001	1.24377e-003
24	1.1500000000e+001	1.50736e-003
25	1.2000000000e+001	1.80839e-003
26	1.2500000000e+001	2.17326e-003
27	1.3000000000e+001	2.56815e-003
28	1.3500000000e+001	3.05091e-003
29	1.4000000000e+001	3.58774e-003
30	1.4500000000e+001	4.04777e-003

31	1.5000000000e+001	4.08633e-003
32	1.5500000000e+001	3.45549e-003
33	1.6000000000e+001	3.35736e-003
34	1.6500000000e+001	4.31364e-003
35	1.7000000000e+001	5.32132e-003
36	1.7500000000e+001	6.24919e-003
37	1.8000000000e+001	7.11322e-003
38	1.8500000000e+001	7.49760e-003
39	1.9000000000e+001	7.02609e-003
40	1.9500000000e+001	6.85730e-003
41	2.0000000000e+001	7.46041e-003
42	2.0500000000e+001	8.21361e-003
43	2.1000000000e+001	9.00252e-003
44	2.1500000000e+001	9.75564e-003
45	2.2000000000e+001	1.06229e-002
46	2.2500000000e+001	1.17738e-002
47	2.3000000000e+001	1.30974e-002
48	2.3500000000e+001	1.45508e-002
49	2.4000000000e+001	1.62339e-002
50	2.4500000000e+001	1.78118e-002
51	2.5000000000e+001	1.89694e-002
52	2.5500000000e+001	2.07341e-002
53	2.6000000000e+001	2.32452e-002
54	2.6500000000e+001	2.59198e-002
55	2.7000000000e+001	2.87986e-002
56	2.7500000000e+001	3.16886e-002
57	2.8000000000e+001	3.42677e-002

58	2.8500000000e+001	3.67444e-002
59	2.9000000000e+001	3.98903e-002
60	2.9500000000e+001	4.34667e-002
61	3.0000000000e+001	4.66155e-002
62	3.0500000000e+001	4.96757e-002
63	3.1000000000e+001	5.35664e-002
64	3.1500000000e+001	5.81680e-002
65	3.2000000000e+001	6.33471e-002
66	3.2500000000e+001	6.91306e-002
67	3.3000000000e+001	7.52804e-002
68	3.3500000000e+001	8.10880e-002
69	3.4000000000e+001	8.60636e-002
70	3.4500000000e+001	9.00886e-002
71	3.5000000000e+001	9.39804e-002
72	3.5500000000e+001	9.87658e-002
73	3.6000000000e+001	1.03282e-001
74	3.6500000000e+001	1.05518e-001
75	3.7000000000e+001	1.03965e-001
76	3.7500000000e+001	9.77013e-002
77	3.8000000000e+001	8.71010e-002
78	3.8500000000e+001	7.36541e-002
79	3.9000000000e+001	5.94094e-002
80	3.9500000000e+001	4.56687e-002
81	4.0000000000e+001	3.36844e-002
82	4.0500000000e+001	2.42984e-002
83	4.1000000000e+001	1.72290e-002
84	4.1500000000e+001	1.27045e-002

85	4.2000000000e+001	1.02286e-002
86	4.2500000000e+001	8.84097e-003
87	4.3000000000e+001	7.90327e-003
88	4.3500000000e+001	7.04102e-003
89	4.4000000000e+001	6.22925e-003
90	4.4500000000e+001	5.58827e-003
91	4.5000000000e+001	5.09984e-003
92	4.5500000000e+001	4.64409e-003
93	4.6000000000e+001	4.15667e-003
94	4.6500000000e+001	3.75593e-003
95	4.7000000000e+001	3.68567e-003
96	4.7500000000e+001	3.72037e-003
97	4.8000000000e+001	3.63811e-003
98	4.8500000000e+001	3.89911e-003
99	4.9000000000e+001	4.83901e-003
100	4.9500000000e+001	6.65793e-003
101	5.0000000000e+001	9.80745e-003
102	5.0500000000e+001	1.42570e-002
103	5.1000000000e+001	1.95807e-002
104	5.1500000000e+001	2.57297e-002
105	5.2000000000e+001	3.25808e-002
106	5.2500000000e+001	4.01682e-002
107	5.3000000000e+001	4.81679e-002
108	5.3500000000e+001	5.61713e-002
109	5.4000000000e+001	6.35885e-002
110	5.4500000000e+001	6.96924e-002
111	5.5000000000e+001	7.40914e-002

112	5.5500000000e+001	7.73951e-002
113	5.6000000000e+001	8.05138e-002
114	5.6500000000e+001	8.35366e-002
115	5.7000000000e+001	8.64425e-002
116	5.7500000000e+001	8.96776e-002
117	5.8000000000e+001	9.31573e-002
118	5.8500000000e+001	9.61888e-002
119	5.9000000000e+001	9.82181e-002
120	5.9500000000e+001	9.88465e-002
121	6.0000000000e+001	9.82227e-002
122	6.0500000000e+001	9.74733e-002
123	6.1000000000e+001	9.76308e-002
124	6.1500000000e+001	9.87296e-002
125	6.2000000000e+001	9.92221e-002
126	6.2500000000e+001	9.79391e-002
127	6.3000000000e+001	9.50052e-002
128	6.3500000000e+001	9.11103e-002
129	6.4000000000e+001	8.72024e-002
130	6.4500000000e+001	8.34422e-002
131	6.5000000000e+001	7.88495e-002
132	6.5500000000e+001	7.30637e-002
133	6.6000000000e+001	6.64495e-002
134	6.6500000000e+001	6.00223e-002
135	6.7000000000e+001	5.42985e-002
136	6.7500000000e+001	4.91982e-002
137	6.8000000000e+001	4.45477e-002
138	6.8500000000e+001	4.04951e-002

139	6.9000000000e+001	3.75540e-002
140	6.9500000000e+001	3.54944e-002
141	7.0000000000e+001	3.36385e-002
142	7.0500000000e+001	3.14803e-002
143	7.1000000000e+001	2.91913e-002
144	7.1500000000e+001	2.72601e-002
145	7.2000000000e+001	2.59774e-002
146	7.2500000000e+001	2.50237e-002
147	7.3000000000e+001	2.39239e-002
148	7.3500000000e+001	2.25387e-002
149	7.4000000000e+001	2.10005e-002
150	7.4500000000e+001	1.97672e-002
151	7.5000000000e+001	1.91323e-002
152	7.5500000000e+001	1.87576e-002
153	7.6000000000e+001	1.80771e-002
154	7.6500000000e+001	1.68093e-002
155	7.7000000000e+001	1.51893e-002
156	7.7500000000e+001	1.37436e-002
157	7.8000000000e+001	1.27055e-002
158	7.8500000000e+001	1.18389e-002
159	7.9000000000e+001	1.07990e-002
160	7.9500000000e+001	9.51096e-003
161	8.0000000000e+001	8.16778e-003
162	8.0500000000e+001	7.21759e-003
163	8.1000000000e+001	6.98205e-003
164	8.1500000000e+001	7.27009e-003
165	8.2000000000e+001	7.55431e-003

166	8.2500000000e+001	7.52319e-003
167	8.3000000000e+001	7.31000e-003
168	8.3500000000e+001	7.12566e-003
169	8.4000000000e+001	7.00038e-003
170	8.4500000000e+001	6.60937e-003
171	8.5000000000e+001	5.89662e-003
172	8.5500000000e+001	5.24264e-003
173	8.6000000000e+001	4.93336e-003
174	8.6500000000e+001	4.80250e-003
175	8.7000000000e+001	4.51164e-003
176	8.7500000000e+001	3.98405e-003
177	8.8000000000e+001	3.50620e-003
178	8.8500000000e+001	3.39755e-003
179	8.9000000000e+001	3.55961e-003
180	8.9500000000e+001	3.58281e-003
181	9.0000000000e+001	3.31049e-003
182	9.0500000000e+001	3.01177e-003
183	9.1000000000e+001	2.94618e-003
184	9.1500000000e+001	3.14218e-003
185	9.2000000000e+001	3.41493e-003
186	9.2500000000e+001	3.60790e-003
187	9.3000000000e+001	3.71396e-003
188	9.3500000000e+001	3.85182e-003
189	9.4000000000e+001	4.14356e-003
190	9.4500000000e+001	4.61796e-003
191	9.5000000000e+001	5.14712e-003
192	9.5500000000e+001	5.59608e-003

193	9.6000000000e+001	5.94356e-003
194	9.6500000000e+001	6.19320e-003
195	9.7000000000e+001	6.36204e-003
196	9.7500000000e+001	6.55585e-003
197	9.8000000000e+001	6.87626e-003
198	9.8500000000e+001	7.15671e-003
199	9.9000000000e+001	7.18074e-003
200	9.9500000000e+001	7.31968e-003
201	1.0000000000e+002	7.74441e-003
202	1.0050000000e+002	7.76105e-003
203	1.0100000000e+002	8.30560e-003
204	1.0150000000e+002	8.60723e-003
205	1.0200000000e+002	8.99682e-003
206	1.0250000000e+002	9.90661e-003
207	1.0300000000e+002	1.12508e-002
208	1.0350000000e+002	1.22533e-002
209	1.0400000000e+002	1.23078e-002
210	1.0450000000e+002	1.15377e-002
211	1.0500000000e+002	1.07057e-002
212	1.0550000000e+002	1.02955e-002
213	1.0600000000e+002	1.00773e-002
214	1.0650000000e+002	9.46861e-003
215	1.0700000000e+002	8.39549e-003
216	1.0750000000e+002	7.30163e-003
217	1.0800000000e+002	6.86433e-003
218	1.0850000000e+002	7.32635e-003
219	1.0900000000e+002	8.17485e-003

220	1.0950000000e+002	8.68498e-003
221	1.1000000000e+002	8.91087e-003
222	1.1050000000e+002	9.31945e-003
223	1.1100000000e+002	1.01675e-002
224	1.1150000000e+002	1.10686e-002
225	1.1200000000e+002	1.17368e-002
226	1.1250000000e+002	1.21763e-002
227	1.1300000000e+002	1.25199e-002
228	1.1350000000e+002	1.28613e-002
229	1.1400000000e+002	1.33956e-002
230	1.1450000000e+002	1.40144e-002
231	1.1500000000e+002	1.45341e-002
232	1.1550000000e+002	1.47287e-002
233	1.1600000000e+002	1.42281e-002
234	1.1650000000e+002	1.30626e-002
235	1.1700000000e+002	1.18279e-002
236	1.1750000000e+002	1.04581e-002
237	1.1800000000e+002	8.64739e-003
238	1.1850000000e+002	6.42401e-003
239	1.1900000000e+002	4.55377e-003
240	1.1950000000e+002	3.52124e-003
241	1.2000000000e+002	3.17547e-003
242	1.2050000000e+002	2.96234e-003
243	1.2100000000e+002	2.70742e-003
244	1.2150000000e+002	2.57628e-003
245	1.2200000000e+002	2.76766e-003
246	1.2250000000e+002	3.11759e-003

247	1.2300000000e+002	3.30154e-003
248	1.2350000000e+002	3.13297e-003
249	1.2400000000e+002	2.68273e-003
250	1.2450000000e+002	2.23837e-003
251	1.2500000000e+002	1.94161e-003
252	1.2550000000e+002	1.79579e-003
253	1.2600000000e+002	1.61621e-003
254	1.2650000000e+002	1.37438e-003
255	1.2700000000e+002	1.18496e-003
256	1.2750000000e+002	1.09963e-003
257	1.2800000000e+002	1.09123e-003
258	1.2850000000e+002	1.13994e-003
259	1.2900000000e+002	1.25476e-003
260	1.2950000000e+002	1.40084e-003
261	1.3000000000e+002	1.55379e-003
262	1.3050000000e+002	1.70670e-003
263	1.3100000000e+002	1.82734e-003
264	1.3150000000e+002	1.87169e-003
265	1.3200000000e+002	1.80647e-003
266	1.3250000000e+002	1.69467e-003
267	1.3300000000e+002	1.57500e-003
268	1.3350000000e+002	1.42165e-003
269	1.3400000000e+002	1.18942e-003
270	1.3450000000e+002	8.83912e-004
271	1.3500000000e+002	5.71442e-004
272	1.3550000000e+002	3.21150e-004
273	1.3600000000e+002	2.01873e-004

274	1.3650000000e+002	1.79235e-004
275	1.3700000000e+002	1.82176e-004
276	1.3750000000e+002	1.98007e-004
277	1.3800000000e+002	2.46637e-004
278	1.3850000000e+002	3.44095e-004
279	1.3900000000e+002	4.93218e-004
280	1.3950000000e+002	6.51883e-004
281	1.4000000000e+002	7.74491e-004
282	1.4050000000e+002	8.70694e-004
283	1.4100000000e+002	1.01448e-003
284	1.4150000000e+002	1.22351e-003
285	1.4200000000e+002	1.44089e-003
286	1.4250000000e+002	1.59367e-003
287	1.4300000000e+002	1.67336e-003
288	1.4350000000e+002	1.69536e-003
289	1.4400000000e+002	1.67796e-003
290	1.4450000000e+002	1.66165e-003
291	1.4500000000e+002	1.66684e-003
292	1.4550000000e+002	1.65216e-003
293	1.4600000000e+002	1.58269e-003
294	1.4650000000e+002	1.47835e-003
295	1.4700000000e+002	1.35488e-003
296	1.4750000000e+002	1.20609e-003
297	1.4800000000e+002	1.05112e-003
298	1.4850000000e+002	9.28492e-004
299	1.4900000000e+002	8.26004e-004
300	1.4950000000e+002	7.12656e-004

301	1.5000000000e+002	6.16088e-004
302	1.5050000000e+002	5.88245e-004
303	1.5100000000e+002	6.18069e-004
304	1.5150000000e+002	6.64502e-004
305	1.5200000000e+002	7.00920e-004
306	1.5250000000e+002	7.16638e-004
307	1.5300000000e+002	7.15708e-004
308	1.5350000000e+002	7.12196e-004
309	1.5400000000e+002	6.73928e-004
310	1.5450000000e+002	5.63593e-004
311	1.5500000000e+002	3.92748e-004
312	1.5550000000e+002	2.33315e-004
313	1.5600000000e+002	1.29318e-004
314	1.5650000000e+002	7.08661e-005
315	1.5700000000e+002	4.91195e-005
316	1.5750000000e+002	6.75191e-005
317	1.5800000000e+002	1.20478e-004
318	1.5850000000e+002	2.16332e-004
319	1.5900000000e+002	3.74649e-004
320	1.5950000000e+002	5.65522e-004
321	1.6000000000e+002	7.35276e-004
322	1.6050000000e+002	9.20158e-004
323	1.6100000000e+002	1.17537e-003
324	1.6150000000e+002	1.45548e-003
325	1.6200000000e+002	1.66415e-003
326	1.6250000000e+002	1.84443e-003
327	1.6300000000e+002	2.04097e-003

328	1.6350000000e+002	2.24798e-003
329	1.6400000000e+002	2.45933e-003
330	1.6450000000e+002	2.70829e-003
331	1.6500000000e+002	2.91778e-003
332	1.6550000000e+002	3.00971e-003
333	1.6600000000e+002	3.03753e-003
334	1.6650000000e+002	3.08947e-003
335	1.6700000000e+002	3.11617e-003
336	1.6750000000e+002	3.08166e-003
337	1.6800000000e+002	3.00498e-003
338	1.6850000000e+002	2.81687e-003
339	1.6900000000e+002	2.46875e-003
340	1.6950000000e+002	2.14359e-003
341	1.7000000000e+002	1.99852e-003
342	1.7050000000e+002	1.97075e-003
343	1.7100000000e+002	1.91834e-003
344	1.7150000000e+002	1.83546e-003
345	1.7200000000e+002	1.85170e-003
346	1.7250000000e+002	2.05617e-003
347	1.7300000000e+002	2.39839e-003
348	1.7350000000e+002	2.64201e-003
349	1.7400000000e+002	2.65354e-003
350	1.7450000000e+002	2.46648e-003
351	1.7500000000e+002	2.22734e-003
352	1.7550000000e+002	2.03916e-003
353	1.7600000000e+002	1.86971e-003
354	1.7650000000e+002	1.65641e-003

355	1.7700000000e+002	1.40297e-003
356	1.7750000000e+002	1.14569e-003
357	1.7800000000e+002	9.77729e-004
358	1.7850000000e+002	9.61373e-004
359	1.7900000000e+002	1.04017e-003
360	1.7950000000e+002	1.07273e-003
361	1.8000000000e+002	1.01406e-003
362	1.8050000000e+002	9.65419e-004
363	1.8100000000e+002	9.97594e-004
364	1.8150000000e+002	1.08505e-003
365	1.8200000000e+002	1.16603e-003
366	1.8250000000e+002	1.19827e-003
367	1.8300000000e+002	1.25896e-003
368	1.8350000000e+002	1.42402e-003
369	1.8400000000e+002	1.72053e-003
370	1.8450000000e+002	2.11151e-003
371	1.8500000000e+002	2.51197e-003
372	1.8550000000e+002	2.83834e-003
373	1.8600000000e+002	3.08268e-003
374	1.8650000000e+002	3.31320e-003
375	1.8700000000e+002	3.55819e-003
376	1.8750000000e+002	3.78119e-003
377	1.8800000000e+002	3.92615e-003
378	1.8850000000e+002	3.97679e-003
379	1.8900000000e+002	3.95507e-003
380	1.8950000000e+002	3.94527e-003
381	1.9000000000e+002	3.91019e-003

382	1.9050000000e+002	3.68024e-003
383	1.9100000000e+002	3.28554e-003
384	1.9150000000e+002	2.93037e-003
385	1.9200000000e+002	2.69044e-003
386	1.9250000000e+002	2.56378e-003
387	1.9300000000e+002	2.44582e-003
388	1.9350000000e+002	2.24097e-003
389	1.9400000000e+002	1.97157e-003
390	1.9450000000e+002	1.71904e-003
391	1.9500000000e+002	1.54891e-003
392	1.9550000000e+002	1.44866e-003
393	1.9600000000e+002	1.35040e-003
394	1.9650000000e+002	1.19466e-003
395	1.9700000000e+002	1.01418e-003
396	1.9750000000e+002	9.01039e-004
397	1.9800000000e+002	9.02256e-004
398	1.9850000000e+002	9.54500e-004
399	1.9900000000e+002	9.74462e-004
400	1.9950000000e+002	8.93246e-004
401	2.0000000000e+002	7.46837e-004

TagsBegin:

OverLoad: False

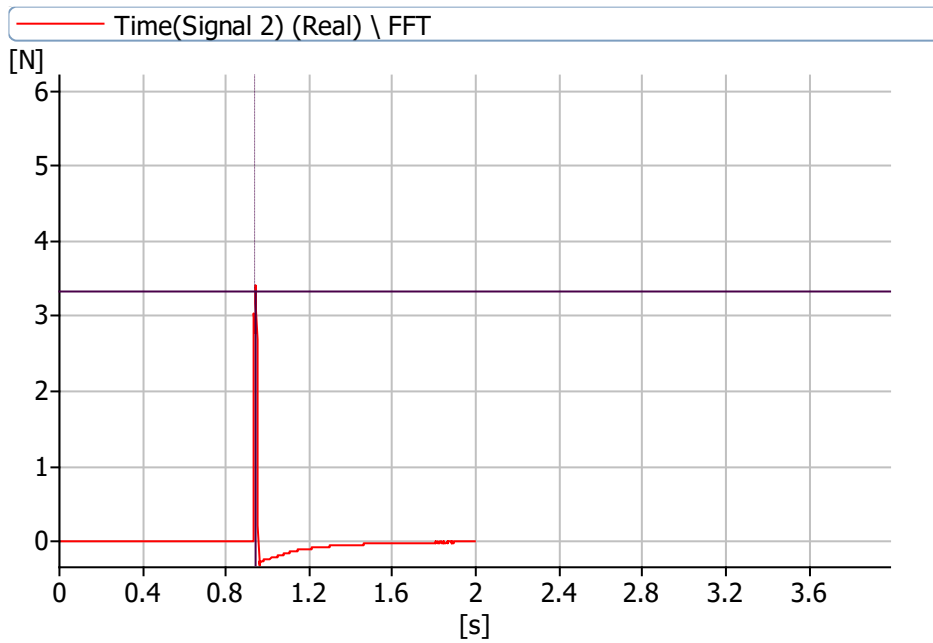
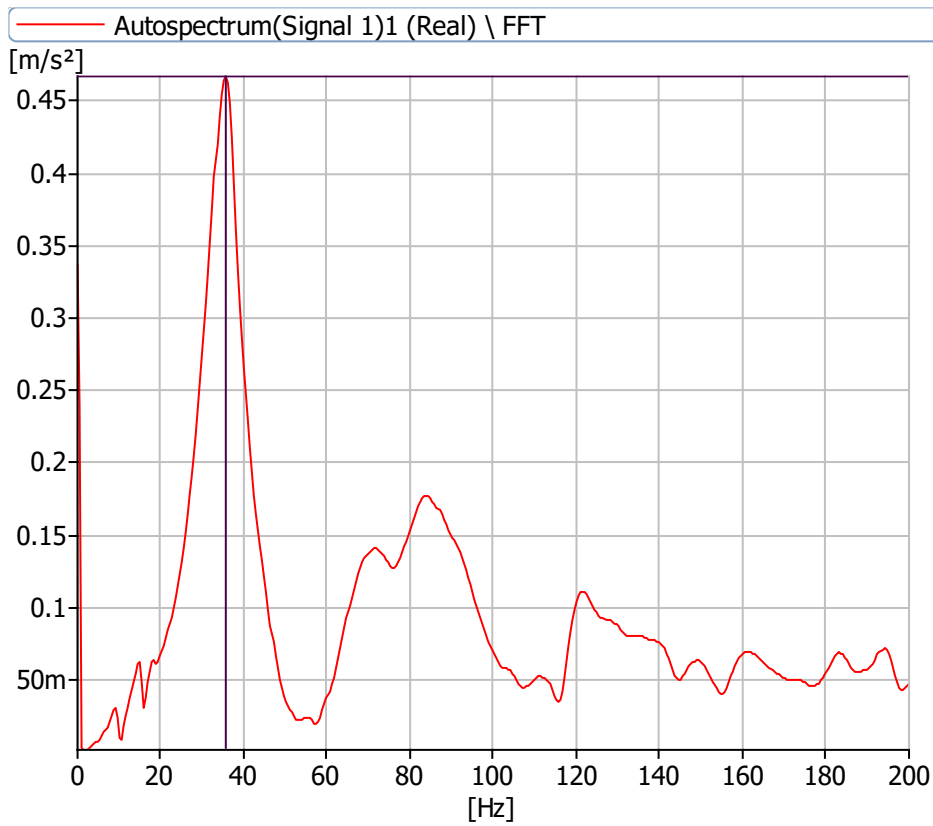
AverageNumber: [] 7.00000e+000

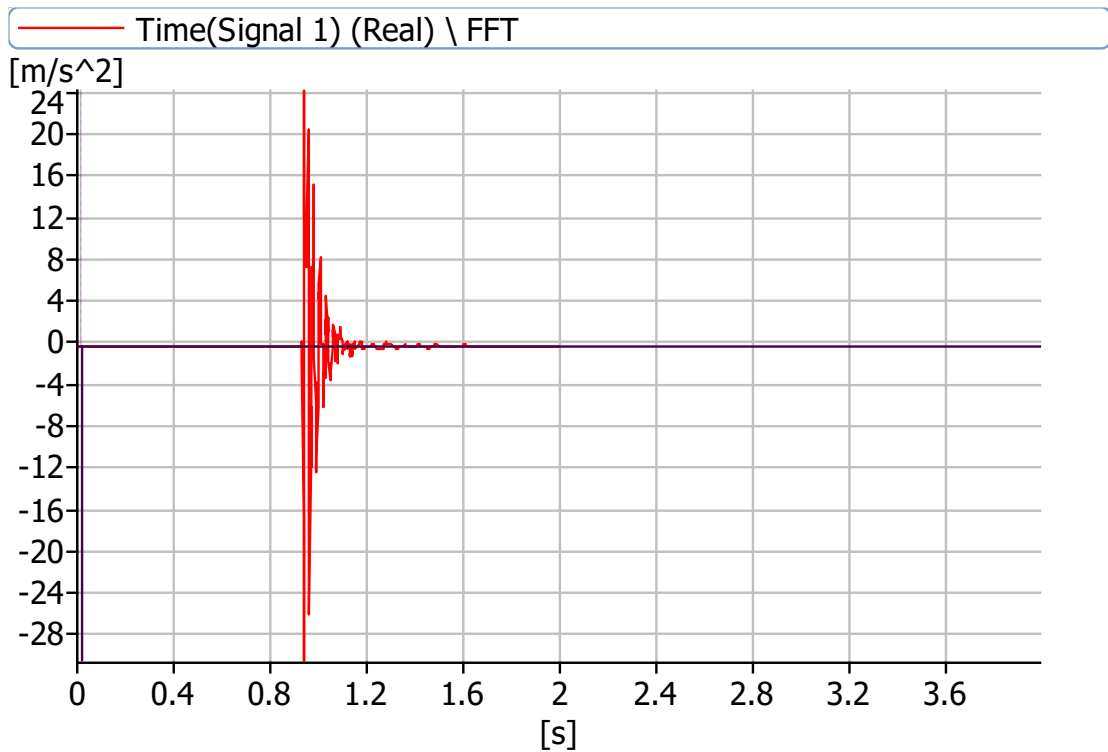
OverLoadRatio: [] 1.19209e-007

TagsEnd:

TagScalesBegin:

TagScalesEnd:





Cursor value

X: 23.438m s

Y: -0.336 m/s

Header Size: 79

Pulse Version: 80

Running Pulse Version: PULSE LabShop v. 14.1.0.196 - 2009-12-08

Decimal Symbol: .

Date Format: dd-MM-yyyy

Time Format: HH:mm:ss:mmm

Data Type: Real

Slice: False

Z-Axis type: Linear

Z-Axis size: 1

Z-Axis unit:

Z-Axis first value: 0.0000000000e+000

Z-Axis delta: 1.0000000000e+000

X-Axis type: Linear

X-Axis size: 401
X-Axis unit: Hz
X-Axis first value: 0.0000000000e+000
X-Axis delta: 5.0000000000e-001

AmplitudeUnit: m/s^2
Analyzer: FFT_Spectrum_Averaging
AnalyzerName: FFT

Bipolar: False
CenterFrequency: 1.0000000000e+002

Domain: 1
Function: Autospectrum
InputRange: 1.0314214480e+004

MultiBufferName: Input

NBW: 1.5000000000e+000

OverlapFailed: False

Overflow: False

Power: True

PowerUnit: $(\text{m/s}^2)^2$

RecordLength: 2.0000000000e+000

ReducedSize: True

SamplingRatio: 2.5600000000e+000

Signal: Signal 1

SignalUnit: m/s^2

Title: Autospectrum(Signal 1)1

Title1: Working : Measurement3 : Input : FFT

Weight:0

ZoomOn: False

TemplateName:Working

MeasurementName: Measurement3

MeasurementSlice: False

DeltaFrequency: 5.0000000000e-001

EnvelopeOn: False

Z-index: 1

Date: 24-08-2022

Time: 15:51:05:249

Relative time: 0.00000e+000

Z-axis: 0.0000000000e+000

1	0.0000000000e+000	1.14153e-001
2	5.0000000000e-001	5.70605e-002
3	1.0000000000e+000	1.24366e-005
4	1.5000000000e+000	3.83965e-006
5	2.0000000000e+000	2.33832e-006
6	2.5000000000e+000	4.69451e-006
7	3.0000000000e+000	7.25123e-006
8	3.5000000000e+000	1.47657e-005
9	4.0000000000e+000	2.56270e-005
10	4.5000000000e+000	4.11087e-005
11	5.0000000000e+000	5.62494e-005

12	5.5000000000e+000	8.07686e-005
13	6.0000000000e+000	1.25158e-004
14	6.5000000000e+000	1.95015e-004
15	7.0000000000e+000	2.83033e-004
16	7.5000000000e+000	4.17248e-004
17	8.0000000000e+000	6.00780e-004
18	8.5000000000e+000	8.35153e-004
19	9.0000000000e+000	9.43013e-004
20	9.5000000000e+000	5.76365e-004
21	1.0000000000e+001	8.33926e-005
22	1.0500000000e+001	8.19361e-005
23	1.1000000000e+001	3.24389e-004
24	1.1500000000e+001	6.03671e-004
25	1.2000000000e+001	9.71913e-004
26	1.2500000000e+001	1.41169e-003
27	1.3000000000e+001	1.81427e-003
28	1.3500000000e+001	2.30430e-003
29	1.4000000000e+001	2.99032e-003
30	1.4500000000e+001	3.78443e-003
31	1.5000000000e+001	3.90820e-003
32	1.5500000000e+001	2.34769e-003
33	1.6000000000e+001	9.68109e-004
34	1.6500000000e+001	1.36937e-003
35	1.7000000000e+001	2.29659e-003
36	1.7500000000e+001	3.13166e-003
37	1.8000000000e+001	3.83162e-003
38	1.8500000000e+001	4.03349e-003

39	1.9000000000e+001	3.77312e-003
40	1.9500000000e+001	3.84919e-003
41	2.0000000000e+001	4.49292e-003
42	2.0500000000e+001	5.29741e-003
43	2.1000000000e+001	6.18112e-003
44	2.1500000000e+001	7.03920e-003
45	2.2000000000e+001	7.79089e-003
46	2.2500000000e+001	8.72162e-003
47	2.3000000000e+001	9.95061e-003
48	2.3500000000e+001	1.14484e-002
49	2.4000000000e+001	1.32888e-002
50	2.4500000000e+001	1.52649e-002
51	2.5000000000e+001	1.72484e-002
52	2.5500000000e+001	1.98979e-002
53	2.6000000000e+001	2.32935e-002
54	2.6500000000e+001	2.72255e-002
55	2.7000000000e+001	3.16848e-002
56	2.7500000000e+001	3.66403e-002
57	2.8000000000e+001	4.20100e-002
58	2.8500000000e+001	4.83823e-002
59	2.9000000000e+001	5.63131e-002
60	2.9500000000e+001	6.56130e-002
61	3.0000000000e+001	7.52085e-002
62	3.0500000000e+001	8.47545e-002
63	3.1000000000e+001	9.55822e-002
64	3.1500000000e+001	1.08676e-001
65	3.2000000000e+001	1.23749e-001

66	3.2500000000e+001	1.40244e-001
67	3.3000000000e+001	1.57991e-001
68	3.3500000000e+001	1.76460e-001
69	3.4000000000e+001	1.93579e-001
70	3.4500000000e+001	2.06681e-001
71	3.5000000000e+001	2.14934e-001
72	3.5500000000e+001	2.18130e-001
73	3.6000000000e+001	2.14699e-001
74	3.6500000000e+001	2.02138e-001
75	3.7000000000e+001	1.80460e-001
76	3.7500000000e+001	1.54321e-001
77	3.8000000000e+001	1.30038e-001
78	3.8500000000e+001	1.10594e-001
79	3.9000000000e+001	9.52041e-002
80	3.9500000000e+001	8.20393e-002
81	4.0000000000e+001	7.06519e-002
82	4.0500000000e+001	6.10315e-002
83	4.1000000000e+001	5.23512e-002
84	4.1500000000e+001	4.43938e-002
85	4.2000000000e+001	3.72954e-002
86	4.2500000000e+001	3.15306e-002
87	4.3000000000e+001	2.69893e-002
88	4.3500000000e+001	2.33763e-002
89	4.4000000000e+001	2.03556e-002
90	4.4500000000e+001	1.76186e-002
91	4.5000000000e+001	1.49789e-002
92	4.5500000000e+001	1.23295e-002

93	4.6000000000e+001	9.78343e-003
94	4.6500000000e+001	7.52576e-003
95	4.7000000000e+001	5.70992e-003
96	4.7500000000e+001	4.42317e-003
97	4.8000000000e+001	3.38871e-003
98	4.8500000000e+001	2.50086e-003
99	4.9000000000e+001	1.92714e-003
100	4.9500000000e+001	1.53636e-003
101	5.0000000000e+001	1.21597e-003
102	5.0500000000e+001	1.03136e-003
103	5.1000000000e+001	8.79618e-004
104	5.1500000000e+001	7.37963e-004
105	5.2000000000e+001	6.07935e-004
106	5.2500000000e+001	5.16609e-004
107	5.3000000000e+001	4.71748e-004
108	5.3500000000e+001	4.68715e-004
109	5.4000000000e+001	4.95993e-004
110	5.4500000000e+001	5.35261e-004
111	5.5000000000e+001	5.67612e-004
112	5.5500000000e+001	5.74396e-004
113	5.6000000000e+001	5.45016e-004
114	5.6500000000e+001	4.72731e-004
115	5.7000000000e+001	3.94064e-004
116	5.7500000000e+001	3.59442e-004
117	5.8000000000e+001	4.17688e-004
118	5.8500000000e+001	5.78993e-004
119	5.9000000000e+001	8.23738e-004

120	5.9500000000e+001	1.10356e-003
121	6.0000000000e+001	1.40927e-003
122	6.0500000000e+001	1.74597e-003
123	6.1000000000e+001	2.16099e-003
124	6.1500000000e+001	2.69652e-003
125	6.2000000000e+001	3.34547e-003
126	6.2500000000e+001	4.14948e-003
127	6.3000000000e+001	5.13727e-003
128	6.3500000000e+001	6.25343e-003
129	6.4000000000e+001	7.41037e-003
130	6.4500000000e+001	8.47986e-003
131	6.5000000000e+001	9.40652e-003
132	6.5500000000e+001	1.03137e-002
133	6.6000000000e+001	1.13554e-002
134	6.6500000000e+001	1.25537e-002
135	6.7000000000e+001	1.38385e-002
136	6.7500000000e+001	1.51388e-002
137	6.8000000000e+001	1.63308e-002
138	6.8500000000e+001	1.72730e-002
139	6.9000000000e+001	1.79490e-002
140	6.9500000000e+001	1.84411e-002
141	7.0000000000e+001	1.88596e-002
142	7.0500000000e+001	1.92150e-002
143	7.1000000000e+001	1.94987e-002
144	7.1500000000e+001	1.97071e-002
145	7.2000000000e+001	1.97245e-002
146	7.2500000000e+001	1.94956e-002

147	7.3000000000e+001	1.90556e-002
148	7.3500000000e+001	1.84403e-002
149	7.4000000000e+001	1.77769e-002
150	7.4500000000e+001	1.71904e-002
151	7.5000000000e+001	1.66986e-002
152	7.5500000000e+001	1.63372e-002
153	7.6000000000e+001	1.62688e-002
154	7.6500000000e+001	1.65828e-002
155	7.7000000000e+001	1.72199e-002
156	7.7500000000e+001	1.80602e-002
157	7.8000000000e+001	1.90221e-002
158	7.8500000000e+001	2.00895e-002
159	7.9000000000e+001	2.12022e-002
160	7.9500000000e+001	2.23711e-002
161	8.0000000000e+001	2.36089e-002
162	8.0500000000e+001	2.49403e-002
163	8.1000000000e+001	2.62953e-002
164	8.1500000000e+001	2.76287e-002
165	8.2000000000e+001	2.89014e-002
166	8.2500000000e+001	2.99926e-002
167	8.3000000000e+001	3.07729e-002
168	8.3500000000e+001	3.11754e-002
169	8.4000000000e+001	3.12788e-002
170	8.4500000000e+001	3.10846e-002
171	8.5000000000e+001	3.06346e-002
172	8.5500000000e+001	3.00070e-002
173	8.6000000000e+001	2.93240e-002

174	8.6500000000e+001	2.86262e-002
175	8.7000000000e+001	2.79049e-002
176	8.7500000000e+001	2.70262e-002
177	8.8000000000e+001	2.59342e-002
178	8.8500000000e+001	2.47548e-002
179	8.9000000000e+001	2.35971e-002
180	8.9500000000e+001	2.26554e-002
181	9.0000000000e+001	2.19986e-002
182	9.0500000000e+001	2.12987e-002
183	9.1000000000e+001	2.06767e-002
184	9.1500000000e+001	2.00050e-002
185	9.2000000000e+001	1.91579e-002
186	9.2500000000e+001	1.80794e-002
187	9.3000000000e+001	1.68706e-002
188	9.3500000000e+001	1.56902e-002
189	9.4000000000e+001	1.45339e-002
190	9.4500000000e+001	1.33663e-002
191	9.5000000000e+001	1.21785e-002
192	9.5500000000e+001	1.10809e-002
193	9.6000000000e+001	1.01226e-002
194	9.6500000000e+001	9.29072e-003
195	9.7000000000e+001	8.55477e-003
196	9.7500000000e+001	7.84373e-003
197	9.8000000000e+001	7.14117e-003
198	9.8500000000e+001	6.46535e-003
199	9.9000000000e+001	5.85639e-003
200	9.9500000000e+001	5.40605e-003

201	1.0000000000e+002	5.04651e-003
202	1.0050000000e+002	4.23524e-003
203	1.0100000000e+002	3.85831e-003
204	1.0150000000e+002	3.59764e-003
205	1.0200000000e+002	3.42613e-003
206	1.0250000000e+002	3.37077e-003
207	1.0300000000e+002	3.35277e-003
208	1.0350000000e+002	3.28325e-003
209	1.0400000000e+002	3.15171e-003
210	1.0450000000e+002	2.97222e-003
211	1.0500000000e+002	2.74019e-003
212	1.0550000000e+002	2.49191e-003
213	1.0600000000e+002	2.27241e-003
214	1.0650000000e+002	2.11798e-003
215	1.0700000000e+002	2.02095e-003
216	1.0750000000e+002	1.99282e-003
217	1.0800000000e+002	2.03100e-003
218	1.0850000000e+002	2.13046e-003
219	1.0900000000e+002	2.25790e-003
220	1.0950000000e+002	2.38942e-003
221	1.1000000000e+002	2.51053e-003
222	1.1050000000e+002	2.63188e-003
223	1.1100000000e+002	2.72089e-003
224	1.1150000000e+002	2.72640e-003
225	1.1200000000e+002	2.69610e-003
226	1.1250000000e+002	2.63070e-003
227	1.1300000000e+002	2.45335e-003

228	1.1350000000e+002	2.18197e-003
229	1.1400000000e+002	1.86700e-003
230	1.1450000000e+002	1.55905e-003
231	1.1500000000e+002	1.31585e-003
232	1.1550000000e+002	1.20145e-003
233	1.1600000000e+002	1.29629e-003
234	1.1650000000e+002	1.71866e-003
235	1.1700000000e+002	2.58595e-003
236	1.1750000000e+002	3.83661e-003
237	1.1800000000e+002	5.30502e-003
238	1.1850000000e+002	6.86720e-003
239	1.1900000000e+002	8.37887e-003
240	1.1950000000e+002	9.72997e-003
241	1.2000000000e+002	1.08526e-002
242	1.2050000000e+002	1.16715e-002
243	1.2100000000e+002	1.21279e-002
244	1.2150000000e+002	1.22632e-002
245	1.2200000000e+002	1.21544e-002
246	1.2250000000e+002	1.18229e-002
247	1.2300000000e+002	1.13440e-002
248	1.2350000000e+002	1.08160e-002
249	1.2400000000e+002	1.02835e-002
250	1.2450000000e+002	9.76314e-003
251	1.2500000000e+002	9.29008e-003
252	1.2550000000e+002	8.90699e-003
253	1.2600000000e+002	8.64402e-003
254	1.2650000000e+002	8.49593e-003

255	1.2700000000e+002	8.41965e-003
256	1.2750000000e+002	8.36299e-003
257	1.2800000000e+002	8.28184e-003
258	1.2850000000e+002	8.12375e-003
259	1.2900000000e+002	7.92294e-003
260	1.2950000000e+002	7.72757e-003
261	1.3000000000e+002	7.50513e-003
262	1.3050000000e+002	7.20417e-003
263	1.3100000000e+002	6.87133e-003
264	1.3150000000e+002	6.61498e-003
265	1.3200000000e+002	6.44533e-003
266	1.3250000000e+002	6.37882e-003
267	1.3300000000e+002	6.39551e-003
268	1.3350000000e+002	6.43711e-003
269	1.3400000000e+002	6.46587e-003
270	1.3450000000e+002	6.49776e-003
271	1.3500000000e+002	6.52176e-003
272	1.3550000000e+002	6.48199e-003
273	1.3600000000e+002	6.36323e-003
274	1.3650000000e+002	6.22272e-003
275	1.3700000000e+002	6.11960e-003
276	1.3750000000e+002	6.04298e-003
277	1.3800000000e+002	5.98469e-003
278	1.3850000000e+002	5.93254e-003
279	1.3900000000e+002	5.90145e-003
280	1.3950000000e+002	5.86469e-003
281	1.4000000000e+002	5.73503e-003

282	1.4050000000e+002	5.47677e-003
283	1.4100000000e+002	5.10504e-003
284	1.4150000000e+002	4.64853e-003
285	1.4200000000e+002	4.14537e-003
286	1.4250000000e+002	3.64380e-003
287	1.4300000000e+002	3.19624e-003
288	1.4350000000e+002	2.83752e-003
289	1.4400000000e+002	2.59888e-003
290	1.4450000000e+002	2.50116e-003
291	1.4500000000e+002	2.54669e-003
292	1.4550000000e+002	2.70889e-003
293	1.4600000000e+002	2.94342e-003
294	1.4650000000e+002	3.22563e-003
295	1.4700000000e+002	3.50220e-003
296	1.4750000000e+002	3.71059e-003
297	1.4800000000e+002	3.84915e-003
298	1.4850000000e+002	3.94606e-003
299	1.4900000000e+002	3.99212e-003
300	1.4950000000e+002	3.97286e-003
301	1.5000000000e+002	3.89699e-003
302	1.5050000000e+002	3.74844e-003
303	1.5100000000e+002	3.50159e-003
304	1.5150000000e+002	3.21876e-003
305	1.5200000000e+002	2.92264e-003
306	1.5250000000e+002	2.60986e-003
307	1.5300000000e+002	2.30005e-003
308	1.5350000000e+002	2.00810e-003

309	1.5400000000e+002	1.78181e-003
310	1.5450000000e+002	1.66516e-003
311	1.5500000000e+002	1.66174e-003
312	1.5550000000e+002	1.77052e-003
313	1.5600000000e+002	2.00787e-003
314	1.5650000000e+002	2.34939e-003
315	1.5700000000e+002	2.73969e-003
316	1.5750000000e+002	3.14484e-003
317	1.5800000000e+002	3.54410e-003
318	1.5850000000e+002	3.91406e-003
319	1.5900000000e+002	4.23399e-003
320	1.5950000000e+002	4.48912e-003
321	1.6000000000e+002	4.67214e-003
322	1.6050000000e+002	4.75373e-003
323	1.6100000000e+002	4.76729e-003
324	1.6150000000e+002	4.76149e-003
325	1.6200000000e+002	4.73833e-003
326	1.6250000000e+002	4.67668e-003
327	1.6300000000e+002	4.55440e-003
328	1.6350000000e+002	4.40703e-003
329	1.6400000000e+002	4.25267e-003
330	1.6450000000e+002	4.06487e-003
331	1.6500000000e+002	3.84508e-003
332	1.6550000000e+002	3.65308e-003
333	1.6600000000e+002	3.48697e-003
334	1.6650000000e+002	3.33697e-003
335	1.6700000000e+002	3.21311e-003

336	1.6750000000e+002	3.10010e-003
337	1.6800000000e+002	2.97641e-003
338	1.6850000000e+002	2.84733e-003
339	1.6900000000e+002	2.73017e-003
340	1.6950000000e+002	2.63502e-003
341	1.7000000000e+002	2.56042e-003
342	1.7050000000e+002	2.49534e-003
343	1.7100000000e+002	2.45640e-003
344	1.7150000000e+002	2.44409e-003
345	1.7200000000e+002	2.45405e-003
346	1.7250000000e+002	2.46556e-003
347	1.7300000000e+002	2.47039e-003
348	1.7350000000e+002	2.45771e-003
349	1.7400000000e+002	2.42073e-003
350	1.7450000000e+002	2.36325e-003
351	1.7500000000e+002	2.29104e-003
352	1.7550000000e+002	2.20727e-003
353	1.7600000000e+002	2.12967e-003
354	1.7650000000e+002	2.07839e-003
355	1.7700000000e+002	2.05854e-003
356	1.7750000000e+002	2.08483e-003
357	1.7800000000e+002	2.16299e-003
358	1.7850000000e+002	2.27750e-003
359	1.7900000000e+002	2.44622e-003
360	1.7950000000e+002	2.68107e-003
361	1.8000000000e+002	2.98148e-003
362	1.8050000000e+002	3.32573e-003

363	1.8100000000e+002	3.68324e-003
364	1.8150000000e+002	4.04103e-003
365	1.8200000000e+002	4.36779e-003
366	1.8250000000e+002	4.60951e-003
367	1.8300000000e+002	4.72030e-003
368	1.8350000000e+002	4.68042e-003
369	1.8400000000e+002	4.53172e-003
370	1.8450000000e+002	4.29886e-003
371	1.8500000000e+002	4.00941e-003
372	1.8550000000e+002	3.70338e-003
373	1.8600000000e+002	3.44050e-003
374	1.8650000000e+002	3.24875e-003
375	1.8700000000e+002	3.13933e-003
376	1.8750000000e+002	3.09873e-003
377	1.8800000000e+002	3.10225e-003
378	1.8850000000e+002	3.13678e-003
379	1.8900000000e+002	3.16762e-003
380	1.8950000000e+002	3.19672e-003
381	1.9000000000e+002	3.25511e-003
382	1.9050000000e+002	3.37884e-003
383	1.9100000000e+002	3.53882e-003
384	1.9150000000e+002	3.76700e-003
385	1.9200000000e+002	4.10712e-003
386	1.9250000000e+002	4.51079e-003
387	1.9300000000e+002	4.86411e-003
388	1.9350000000e+002	5.07660e-003
389	1.9400000000e+002	5.10598e-003

390	1.9450000000e+002	4.92018e-003
391	1.9500000000e+002	4.53304e-003
392	1.9550000000e+002	4.00046e-003
393	1.9600000000e+002	3.39576e-003
394	1.9650000000e+002	2.81174e-003
395	1.9700000000e+002	2.32523e-003
396	1.9750000000e+002	2.00185e-003
397	1.9800000000e+002	1.84948e-003
398	1.9850000000e+002	1.84457e-003
399	1.9900000000e+002	1.93866e-003
400	1.9950000000e+002	2.08549e-003
401	2.0000000000e+002	2.23612e-003

TagsBegin:

OverLoad: False

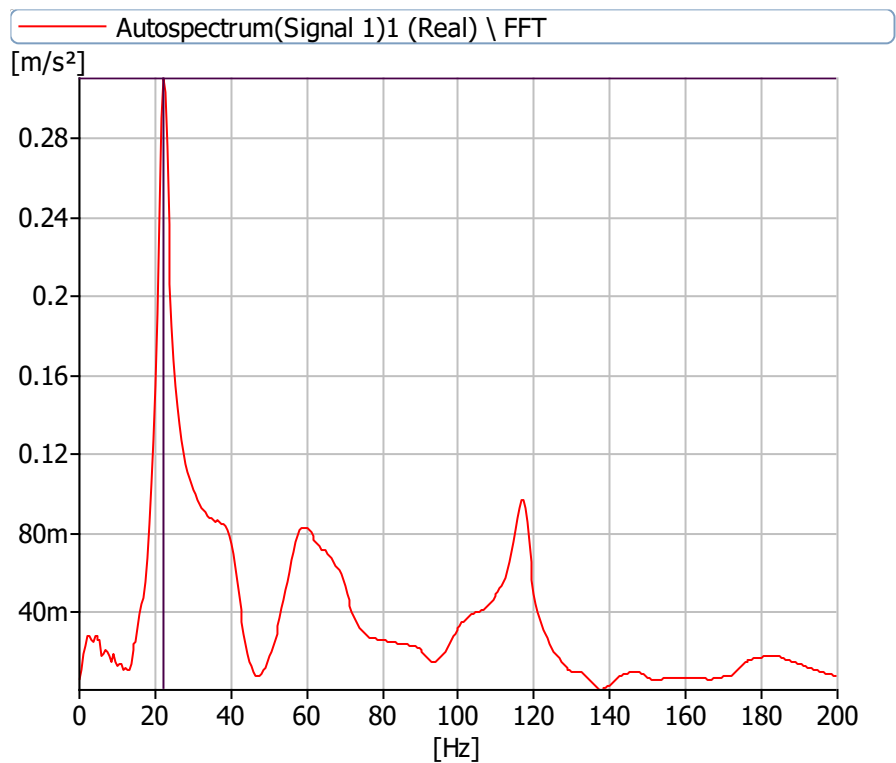
AverageNumber: [] 4.00000e+000

OverLoadRatio: [] 1.19209e-007

TagsEnd:

TagScalesBegin:

TagScalesEnd:

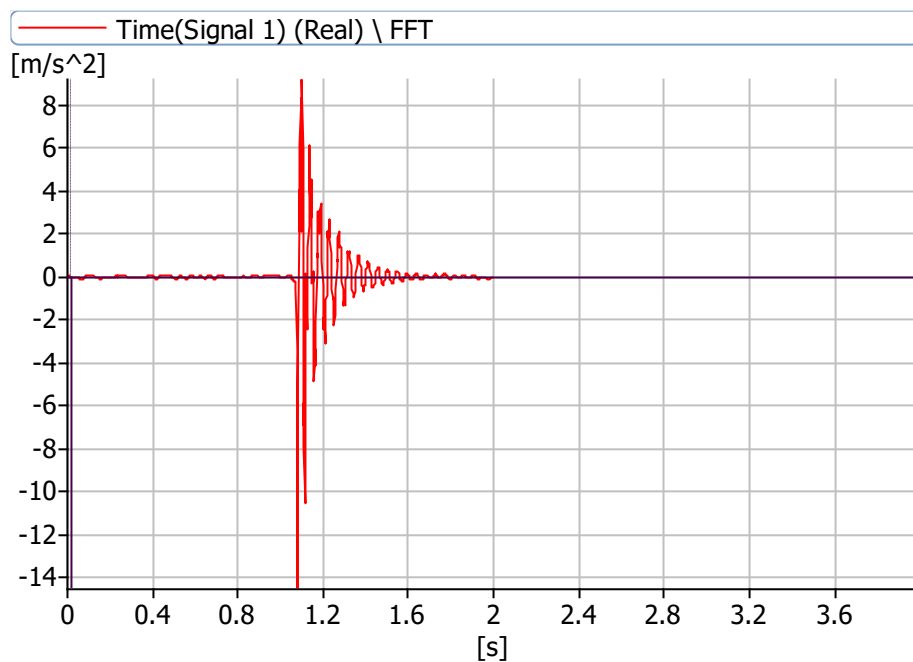


Cursor values

X: 22.000 Hz

Y: 0.310 m/s²

MST



Cursor values

X: 23.438m s

Y: -45.256m m/s²

MST

Header Size: 79

Pulse Version: 80

Running Pulse Version: PULSE LabShop v. 14.1.0.196 - 2009-12-08

Decimal Symbol: .

Date Format: dd-MM-yyyy

Time Format: HH:mm:ss:mmm

Data Type: Real

Slice: False

Z-Axis type: Linear

Z-Axis size: 1

Z-Axis unit:

Z-Axis first value: 0.0000000000e+000

Z-Axis delta: 1.0000000000e+000

X-Axis type: Linear

X-Axis size: 401

X-Axis unit: Hz

X-Axis first value: 0.0000000000e+000

X-Axis delta: 5.0000000000e-001

AmplitudeUnit: m/s^2

Analyzer: FFT_Spectrum_Averaging

AnalyzerName: FFT

Bipolar: False

CenterFrequency: 1.0000000000e+002

Domain: 1

Function: Autospectrum

InputRange: 1.0314214480e+004

MultiBufferName: Input

NBW: 1.5000000000e+000

OverlapFailed: False

Overrun: False

Power: True

PowerUnit: $(\text{m/s}^2)^2$

RecordLength: 2.0000000000e+000

ReducedSize: True

SamplingRatio: 2.5600000000e+000

Signal: Signal 1

SignalUnit: m/s^2

Title: Autospectrum(Signal 1)1

Title1: Working : Measurement2 : Input : FFT

Weight:0

ZoomOn: False

TemplateName:Working

MeasurementName: Measurement2

MeasurementSlice: False

DeltaFrequency: $5.0000000000\text{e-}001$

EnvelopeOn: False

Z-index: 1

Date: 23-08-2022

Time: 16:47:53:249

Relative time: $0.00000\text{e}+000$

Z-axis: $0.0000000000\text{e}+000$

1	0.0000000000e+000	2.82892e-005
2	5.0000000000e-001	1.26070e-004
3	1.0000000000e+000	3.76064e-004
4	1.5000000000e+000	5.48050e-004
5	2.0000000000e+000	7.74623e-004
6	2.5000000000e+000	7.61044e-004
7	3.0000000000e+000	6.56404e-004
8	3.5000000000e+000	6.44098e-004
9	4.0000000000e+000	7.65739e-004
10	4.5000000000e+000	7.63931e-004
11	5.0000000000e+000	6.59535e-004
12	5.5000000000e+000	6.66316e-004
13	6.0000000000e+000	3.23350e-004
14	6.5000000000e+000	3.40259e-004
15	7.0000000000e+000	4.18857e-004
16	7.5000000000e+000	4.16895e-004
17	8.0000000000e+000	3.23911e-004
18	8.5000000000e+000	2.15813e-004
19	9.0000000000e+000	3.57548e-004
20	9.5000000000e+000	2.18311e-004
21	1.0000000000e+001	1.75551e-004
22	1.0500000000e+001	1.80383e-004
23	1.1000000000e+001	1.94335e-004
24	1.1500000000e+001	1.26632e-004
25	1.2000000000e+001	1.43683e-004
26	1.2500000000e+001	1.28416e-004
27	1.3000000000e+001	1.14062e-004

28	1.3500000000e+001	1.91278e-004
29	1.4000000000e+001	4.38272e-004
30	1.4500000000e+001	5.55437e-004
31	1.5000000000e+001	6.29278e-004
32	1.5500000000e+001	1.05083e-003
33	1.6000000000e+001	1.57331e-003
34	1.6500000000e+001	1.92718e-003
35	1.7000000000e+001	2.26168e-003
36	1.7500000000e+001	3.02124e-003
37	1.8000000000e+001	4.56155e-003
38	1.8500000000e+001	7.17588e-003
39	1.9000000000e+001	1.09123e-002
40	1.9500000000e+001	1.61542e-002
41	2.0000000000e+001	2.38872e-002
42	2.0500000000e+001	3.64453e-002
43	2.1000000000e+001	5.83723e-002
44	2.1500000000e+001	8.38866e-002
45	2.2000000000e+001	9.63059e-002
46	2.2500000000e+001	9.16615e-002
47	2.3000000000e+001	7.60766e-002
48	2.3500000000e+001	5.61190e-002
49	2.4000000000e+001	4.25151e-002
50	2.4500000000e+001	3.40780e-002
51	2.5000000000e+001	2.79703e-002
52	2.5500000000e+001	2.38354e-002
53	2.6000000000e+001	2.07736e-002
54	2.6500000000e+001	1.81834e-002

55	2.7000000000e+001	1.61925e-002
56	2.7500000000e+001	1.46158e-002
57	2.8000000000e+001	1.32757e-002
58	2.8500000000e+001	1.23870e-002
59	2.9000000000e+001	1.16262e-002
60	2.9500000000e+001	1.09929e-002
61	3.0000000000e+001	1.03797e-002
62	3.0500000000e+001	9.91664e-003
63	3.1000000000e+001	9.39280e-003
64	3.1500000000e+001	8.94313e-003
65	3.2000000000e+001	8.68556e-003
66	3.2500000000e+001	8.40607e-003
67	3.3000000000e+001	8.28290e-003
68	3.3500000000e+001	8.19117e-003
69	3.4000000000e+001	7.93365e-003
70	3.4500000000e+001	7.78764e-003
71	3.5000000000e+001	7.71954e-003
72	3.5500000000e+001	7.46034e-003
73	3.6000000000e+001	7.37105e-003
74	3.6500000000e+001	7.51321e-003
75	3.7000000000e+001	7.38374e-003
76	3.7500000000e+001	7.21609e-003
77	3.8000000000e+001	7.13706e-003
78	3.8500000000e+001	6.92351e-003
79	3.9000000000e+001	6.60832e-003
80	3.9500000000e+001	6.15072e-003
81	4.0000000000e+001	5.51693e-003

82	4.0500000000e+001	4.79107e-003
83	4.1000000000e+001	3.92651e-003
84	4.1500000000e+001	3.08618e-003
85	4.2000000000e+001	2.35366e-003
86	4.2500000000e+001	1.71949e-003
87	4.3000000000e+001	1.23333e-003
88	4.3500000000e+001	8.60295e-004
89	4.4000000000e+001	5.67659e-004
90	4.4500000000e+001	3.65391e-004
91	4.5000000000e+001	2.34511e-004
92	4.5500000000e+001	1.56401e-004
93	4.6000000000e+001	1.02723e-004
94	4.6500000000e+001	6.88253e-005
95	4.7000000000e+001	5.52094e-005
96	4.7500000000e+001	5.82733e-005
97	4.8000000000e+001	7.74322e-005
98	4.8500000000e+001	1.08336e-004
99	4.9000000000e+001	1.52278e-004
100	4.9500000000e+001	2.20185e-004
101	5.0000000000e+001	3.04146e-004
102	5.0500000000e+001	4.08664e-004
103	5.1000000000e+001	5.38954e-004
104	5.1500000000e+001	6.87937e-004
105	5.2000000000e+001	8.73732e-004
106	5.2500000000e+001	1.10289e-003
107	5.3000000000e+001	1.39555e-003
108	5.3500000000e+001	1.75336e-003

109	5.4000000000e+001	2.13501e-003
110	5.4500000000e+001	2.59729e-003
111	5.5000000000e+001	3.09987e-003
112	5.5500000000e+001	3.70333e-003
113	5.6000000000e+001	4.43897e-003
114	5.6500000000e+001	5.04656e-003
115	5.7000000000e+001	5.64992e-003
116	5.7500000000e+001	6.24159e-003
117	5.8000000000e+001	6.66455e-003
118	5.8500000000e+001	6.87180e-003
119	5.9000000000e+001	6.91925e-003
120	5.9500000000e+001	6.87886e-003
121	6.0000000000e+001	6.81093e-003
122	6.0500000000e+001	6.71006e-003
123	6.1000000000e+001	6.46484e-003
124	6.1500000000e+001	6.25125e-003
125	6.2000000000e+001	5.94728e-003
126	6.2500000000e+001	5.70183e-003
127	6.3000000000e+001	5.59450e-003
128	6.3500000000e+001	5.35794e-003
129	6.4000000000e+001	5.16985e-003
130	6.4500000000e+001	5.12499e-003
131	6.5000000000e+001	5.05825e-003
132	6.5500000000e+001	4.82059e-003
133	6.6000000000e+001	4.71018e-003
134	6.6500000000e+001	4.56333e-003
135	6.7000000000e+001	4.35431e-003

136	6.7500000000e+001	4.06251e-003
137	6.8000000000e+001	3.86872e-003
138	6.8500000000e+001	3.81533e-003
139	6.9000000000e+001	3.57919e-003
140	6.9500000000e+001	3.18992e-003
141	7.0000000000e+001	2.79828e-003
142	7.0500000000e+001	2.44461e-003
143	7.1000000000e+001	2.13313e-003
144	7.1500000000e+001	1.84654e-003
145	7.2000000000e+001	1.62857e-003
146	7.2500000000e+001	1.42827e-003
147	7.3000000000e+001	1.27294e-003
148	7.3500000000e+001	1.16017e-003
149	7.4000000000e+001	1.05807e-003
150	7.4500000000e+001	9.71590e-004
151	7.5000000000e+001	8.94411e-004
152	7.5500000000e+001	8.35844e-004
153	7.6000000000e+001	7.89394e-004
154	7.6500000000e+001	7.56989e-004
155	7.7000000000e+001	7.37859e-004
156	7.7500000000e+001	7.22305e-004
157	7.8000000000e+001	7.11816e-004
158	7.8500000000e+001	7.00007e-004
159	7.9000000000e+001	6.87474e-004
160	7.9500000000e+001	6.73270e-004
161	8.0000000000e+001	6.64441e-004
162	8.0500000000e+001	6.58024e-004

163	8.1000000000e+001	6.51392e-004
164	8.1500000000e+001	6.47106e-004
165	8.2000000000e+001	6.37355e-004
166	8.2500000000e+001	6.26721e-004
167	8.3000000000e+001	6.17496e-004
168	8.3500000000e+001	6.09080e-004
169	8.4000000000e+001	6.00044e-004
170	8.4500000000e+001	5.92784e-004
171	8.5000000000e+001	5.83176e-004
172	8.5500000000e+001	5.72543e-004
173	8.6000000000e+001	5.64148e-004
174	8.6500000000e+001	5.55575e-004
175	8.7000000000e+001	5.45704e-004
176	8.7500000000e+001	5.36250e-004
177	8.8000000000e+001	5.24392e-004
178	8.8500000000e+001	5.09820e-004
179	8.9000000000e+001	4.92278e-004
180	8.9500000000e+001	4.67828e-004
181	9.0000000000e+001	4.37449e-004
182	9.0500000000e+001	4.03598e-004
183	9.1000000000e+001	3.63629e-004
184	9.1500000000e+001	3.21569e-004
185	9.2000000000e+001	2.79639e-004
186	9.2500000000e+001	2.44895e-004
187	9.3000000000e+001	2.23234e-004
188	9.3500000000e+001	2.19014e-004
189	9.4000000000e+001	2.28675e-004

190	9.4500000000e+001	2.47850e-004
191	9.5000000000e+001	2.76545e-004
192	9.5500000000e+001	3.11929e-004
193	9.6000000000e+001	3.55180e-004
194	9.6500000000e+001	4.11853e-004
195	9.7000000000e+001	4.82860e-004
196	9.7500000000e+001	5.70275e-004
197	9.8000000000e+001	6.69258e-004
198	9.8500000000e+001	7.71689e-004
199	9.9000000000e+001	8.63940e-004
200	9.9500000000e+001	9.56950e-004
201	1.0000000000e+002	1.03947e-003
202	1.0050000000e+002	1.11982e-003
203	1.0100000000e+002	1.20129e-003
204	1.0150000000e+002	1.26865e-003
205	1.0200000000e+002	1.32621e-003
206	1.0250000000e+002	1.39305e-003
207	1.0300000000e+002	1.45405e-003
208	1.0350000000e+002	1.50128e-003
209	1.0400000000e+002	1.53797e-003
210	1.0450000000e+002	1.57858e-003
211	1.0500000000e+002	1.61896e-003
212	1.0550000000e+002	1.64050e-003
213	1.0600000000e+002	1.66648e-003
214	1.0650000000e+002	1.70419e-003
215	1.0700000000e+002	1.76557e-003
216	1.0750000000e+002	1.84576e-003

217	1.0800000000e+002	1.93916e-003
218	1.0850000000e+002	2.04815e-003
219	1.0900000000e+002	2.16635e-003
220	1.0950000000e+002	2.30558e-003
221	1.1000000000e+002	2.43515e-003
222	1.1050000000e+002	2.57053e-003
223	1.1100000000e+002	2.71114e-003
224	1.1150000000e+002	2.85175e-003
225	1.1200000000e+002	3.03841e-003
226	1.1250000000e+002	3.31530e-003
227	1.1300000000e+002	3.71902e-003
228	1.1350000000e+002	4.26676e-003
229	1.1400000000e+002	4.94821e-003
230	1.1450000000e+002	5.76626e-003
231	1.1500000000e+002	6.71905e-003
232	1.1550000000e+002	7.74536e-003
233	1.1600000000e+002	8.69524e-003
234	1.1650000000e+002	9.34763e-003
235	1.1700000000e+002	9.38425e-003
236	1.1750000000e+002	8.64484e-003
237	1.1800000000e+002	7.27103e-003
238	1.1850000000e+002	5.66330e-003
239	1.1900000000e+002	4.22601e-003
240	1.1950000000e+002	3.14119e-003
241	1.2000000000e+002	2.40871e-003
242	1.2050000000e+002	1.93321e-003
243	1.2100000000e+002	1.60925e-003

244	1.2150000000e+002	1.35314e-003
245	1.2200000000e+002	1.15408e-003
246	1.2250000000e+002	9.93690e-004
247	1.2300000000e+002	8.42660e-004
248	1.2350000000e+002	7.05527e-004
249	1.2400000000e+002	5.84363e-004
250	1.2450000000e+002	4.81441e-004
251	1.2500000000e+002	4.07887e-004
252	1.2550000000e+002	3.53379e-004
253	1.2600000000e+002	3.10317e-004
254	1.2650000000e+002	2.72245e-004
255	1.2700000000e+002	2.35897e-004
256	1.2750000000e+002	2.01979e-004
257	1.2800000000e+002	1.70910e-004
258	1.2850000000e+002	1.44326e-004
259	1.2900000000e+002	1.24617e-004
260	1.2950000000e+002	1.10011e-004
261	1.3000000000e+002	1.00697e-004
262	1.3050000000e+002	9.71656e-005
263	1.3100000000e+002	9.98031e-005
264	1.3150000000e+002	1.03632e-004
265	1.3200000000e+002	1.04150e-004
266	1.3250000000e+002	9.62894e-005
267	1.3300000000e+002	7.97594e-005
268	1.3350000000e+002	6.10655e-005
269	1.3400000000e+002	4.43271e-005
270	1.3450000000e+002	3.12038e-005

271	1.3500000000e+002	2.14256e-005
272	1.3550000000e+002	1.33307e-005
273	1.3600000000e+002	7.30422e-006
274	1.3650000000e+002	3.57296e-006
275	1.3700000000e+002	1.49771e-006
276	1.3750000000e+002	5.72651e-007
277	1.3800000000e+002	5.37955e-007
278	1.3850000000e+002	1.63579e-006
279	1.3900000000e+002	3.44201e-006
280	1.3950000000e+002	5.82807e-006
281	1.4000000000e+002	8.90144e-006
282	1.4050000000e+002	1.36842e-005
283	1.4100000000e+002	2.09920e-005
284	1.4150000000e+002	3.10348e-005
285	1.4200000000e+002	4.41767e-005
286	1.4250000000e+002	5.71905e-005
287	1.4300000000e+002	6.81002e-005
288	1.4350000000e+002	7.68494e-005
289	1.4400000000e+002	8.22045e-005
290	1.4450000000e+002	8.62000e-005
291	1.4500000000e+002	9.21904e-005
292	1.4550000000e+002	9.70621e-005
293	1.4600000000e+002	1.00562e-004
294	1.4650000000e+002	1.03707e-004
295	1.4700000000e+002	1.04958e-004
296	1.4750000000e+002	1.02686e-004
297	1.4800000000e+002	9.55009e-005

298	1.4850000000e+002	8.42649e-005
299	1.4900000000e+002	7.10591e-005
300	1.4950000000e+002	5.80212e-005
301	1.5000000000e+002	4.82248e-005
302	1.5050000000e+002	4.14114e-005
303	1.5100000000e+002	3.74815e-005
304	1.5150000000e+002	3.52462e-005
305	1.5200000000e+002	3.49253e-005
306	1.5250000000e+002	3.62338e-005
307	1.5300000000e+002	3.72068e-005
308	1.5350000000e+002	3.85504e-005
309	1.5400000000e+002	4.11708e-005
310	1.5450000000e+002	4.40304e-005
311	1.5500000000e+002	4.69100e-005
312	1.5550000000e+002	4.85901e-005
313	1.5600000000e+002	4.96646e-005
314	1.5650000000e+002	5.05911e-005
315	1.5700000000e+002	5.12617e-005
316	1.5750000000e+002	5.17745e-005
317	1.5800000000e+002	5.15911e-005
318	1.5850000000e+002	5.13118e-005
319	1.5900000000e+002	5.16125e-005
320	1.5950000000e+002	5.14416e-005
321	1.6000000000e+002	5.16549e-005
322	1.6050000000e+002	5.12001e-005
323	1.6100000000e+002	5.05742e-005
324	1.6150000000e+002	4.94987e-005

325	1.6200000000e+002	4.78086e-005
326	1.6250000000e+002	4.62818e-005
327	1.6300000000e+002	4.48146e-005
328	1.6350000000e+002	4.40303e-005
329	1.6400000000e+002	4.29552e-005
330	1.6450000000e+002	4.09812e-005
331	1.6500000000e+002	3.97470e-005
332	1.6550000000e+002	3.87017e-005
333	1.6600000000e+002	3.73210e-005
334	1.6650000000e+002	3.68352e-005
335	1.6700000000e+002	3.78606e-005
336	1.6750000000e+002	4.01418e-005
337	1.6800000000e+002	4.35264e-005
338	1.6850000000e+002	4.67916e-005
339	1.6900000000e+002	5.04808e-005
340	1.6950000000e+002	5.26667e-005
341	1.7000000000e+002	5.40825e-005
342	1.7050000000e+002	5.49313e-005
343	1.7100000000e+002	5.59632e-005
344	1.7150000000e+002	5.96679e-005
345	1.7200000000e+002	6.89208e-005
346	1.7250000000e+002	8.27976e-005
347	1.7300000000e+002	1.00085e-004
348	1.7350000000e+002	1.20723e-004
349	1.7400000000e+002	1.43518e-004
350	1.7450000000e+002	1.67841e-004
351	1.7500000000e+002	1.89716e-004

352	1.7550000000e+002	2.08258e-004
353	1.7600000000e+002	2.24833e-004
354	1.7650000000e+002	2.40436e-004
355	1.7700000000e+002	2.52324e-004
356	1.7750000000e+002	2.62945e-004
357	1.7800000000e+002	2.75527e-004
358	1.7850000000e+002	2.87102e-004
359	1.7900000000e+002	2.91867e-004
360	1.7950000000e+002	2.95109e-004
361	1.8000000000e+002	3.01020e-004
362	1.8050000000e+002	3.04962e-004
363	1.8100000000e+002	3.10656e-004
364	1.8150000000e+002	3.15580e-004
365	1.8200000000e+002	3.15798e-004
366	1.8250000000e+002	3.13733e-004
367	1.8300000000e+002	3.10679e-004
368	1.8350000000e+002	3.11080e-004
369	1.8400000000e+002	3.08699e-004
370	1.8450000000e+002	3.04008e-004
371	1.8500000000e+002	2.97467e-004
372	1.8550000000e+002	2.86805e-004
373	1.8600000000e+002	2.76139e-004
374	1.8650000000e+002	2.66903e-004
375	1.8700000000e+002	2.58261e-004
376	1.8750000000e+002	2.48393e-004
377	1.8800000000e+002	2.37060e-004
378	1.8850000000e+002	2.23355e-004

379	1.8900000000e+002	2.09642e-004
380	1.8950000000e+002	1.98651e-004
381	1.9000000000e+002	1.88891e-004
382	1.9050000000e+002	1.80539e-004
383	1.9100000000e+002	1.70116e-004
384	1.9150000000e+002	1.58721e-004
385	1.9200000000e+002	1.47198e-004
386	1.9250000000e+002	1.37080e-004
387	1.9300000000e+002	1.30066e-004
388	1.9350000000e+002	1.22994e-004
389	1.9400000000e+002	1.14939e-004
390	1.9450000000e+002	1.07480e-004
391	1.9500000000e+002	1.00851e-004
392	1.9550000000e+002	9.50759e-005
393	1.9600000000e+002	9.09965e-005
394	1.9650000000e+002	8.76802e-005
395	1.9700000000e+002	8.34850e-005
396	1.9750000000e+002	7.92792e-005
397	1.9800000000e+002	7.49910e-005
398	1.9850000000e+002	7.15045e-005
399	1.9900000000e+002	6.88499e-005
400	1.9950000000e+002	6.76527e-005
401	2.0000000000e+002	6.57901e-005

TagsBegin:

OverLoad: False

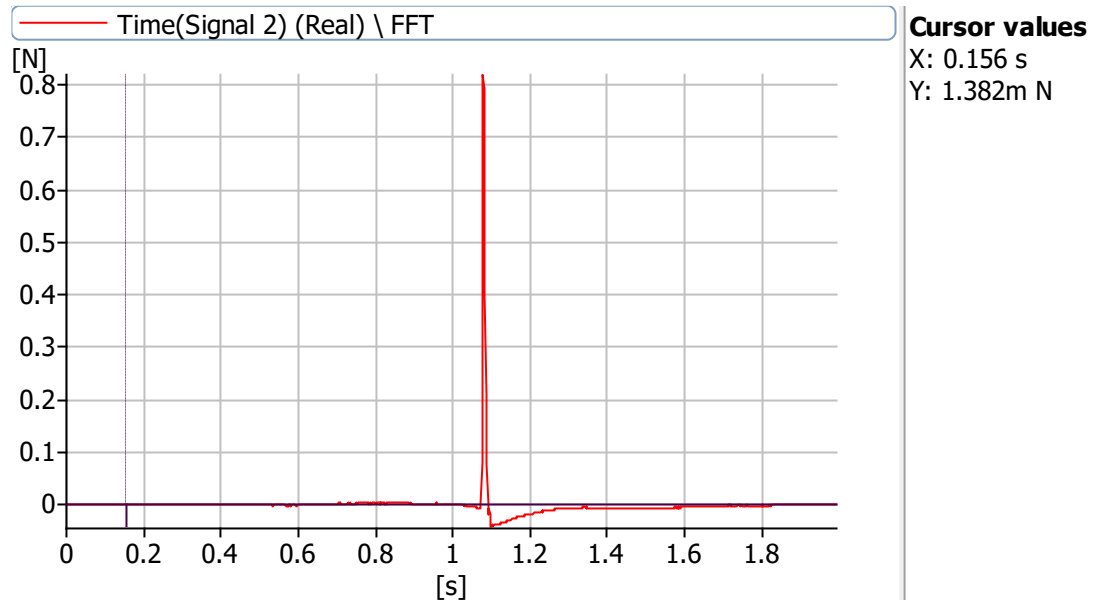
AverageNumber: [] 4.00000e+000

OverLoadRatio: [] 1.19209e-007

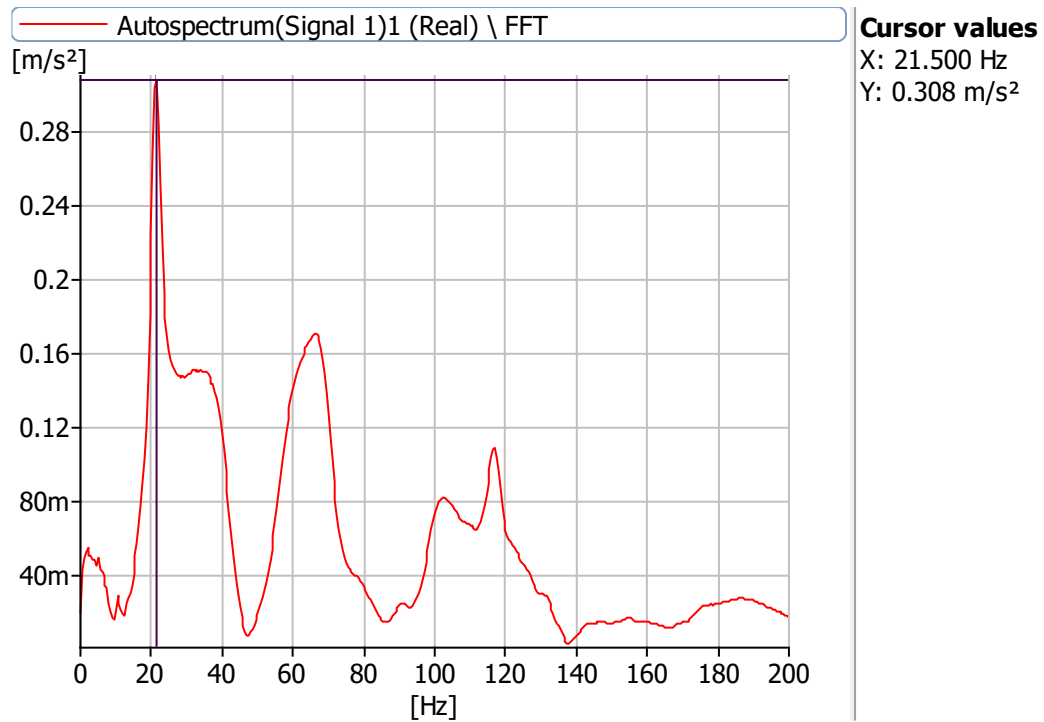
TagsEnd:

TagScalesBegin:

TagScalesEnd:



Reading MST



Header Size: 79

Pulse Version: 80

Running Pulse Version: PULSE LabShop v. 14.1.0.196 - 2009-12-08

Decimal Symbol: .

Date Format: dd-MM-yyyy

Time Format: HH:mm:ss:mmm

Data Type: Real

Slice: False

Z-Axis type: Linear

Z-Axis size: 1

Z-Axis unit:

Z-Axis first value: 0.0000000000e+000

Z-Axis delta: 1.0000000000e+000

X-Axis type: Linear

X-Axis size: 401

X-Axis unit: Hz

X-Axis first value: 0.0000000000e+000

X-Axis delta: 5.0000000000e-001

AmplitudeUnit: m/s^2

Analyzer: FFT_Spectrum_Averaging

AnalyzerName: FFT

Bipolar: False

CenterFrequency: 1.0000000000e+002

Domain: 1

Function: Autospectrum

InputRange: 1.0314214480e+004

MultiBufferName: Input

NBW: 1.5000000000e+000

OverlapFailed: False

Overrun: False

Power: True

PowerUnit: $(\text{m/s}^2)^2$

RecordLength: 2.0000000000e+000

ReducedSize: True

SamplingRatio: 2.5600000000e+000

Signal: Signal 1

SignalUnit: m/s²

Title: Autospectrum(Signal 1)1

Title1: Working : Measurement1 : Input : FFT

Weight:0

ZoomOn: False

TemplateName:Working

MeasurementName: Measurement1

MeasurementSlice: False

DeltaFrequency: 5.0000000000e-001

EnvelopeOn: False

Z-index: 1

Date: 23-08-2022

Time: 16:47:37:665

Relative time: 0.00000e+000

Z-axis: 0.0000000000e+000

1	0.0000000000e+000	3.63243e-004
2	5.0000000000e-001	1.81124e-003
3	1.0000000000e+000	2.49585e-003
4	1.5000000000e+000	2.77616e-003
5	2.0000000000e+000	2.98405e-003
6	2.5000000000e+000	2.53515e-003
7	3.0000000000e+000	2.57746e-003
8	3.5000000000e+000	2.36823e-003
9	4.0000000000e+000	2.35317e-003
10	4.5000000000e+000	2.05662e-003
11	5.0000000000e+000	2.42484e-003
12	5.5000000000e+000	1.88386e-003
13	6.0000000000e+000	1.76929e-003
14	6.5000000000e+000	1.61718e-003
15	7.0000000000e+000	1.17088e-003
16	7.5000000000e+000	1.09149e-003
17	8.0000000000e+000	5.85055e-004
18	8.5000000000e+000	4.27205e-004
19	9.0000000000e+000	2.84318e-004
20	9.5000000000e+000	2.54377e-004
21	1.0000000000e+001	5.08842e-004
22	1.0500000000e+001	8.58289e-004
23	1.1000000000e+001	6.02198e-004
24	1.1500000000e+001	4.42759e-004

25	1.2000000000e+001	3.46569e-004
26	1.2500000000e+001	3.12429e-004
27	1.3000000000e+001	6.26388e-004
28	1.3500000000e+001	8.02867e-004
29	1.4000000000e+001	9.00206e-004
30	1.4500000000e+001	1.20474e-003
31	1.5000000000e+001	1.70275e-003
32	1.5500000000e+001	2.60241e-003
33	1.6000000000e+001	3.30225e-003
34	1.6500000000e+001	4.52893e-003
35	1.7000000000e+001	6.00685e-003
36	1.7500000000e+001	8.17719e-003
37	1.8000000000e+001	1.03994e-002
38	1.8500000000e+001	1.44743e-002
39	1.9000000000e+001	2.19461e-002
40	1.9500000000e+001	3.29845e-002
41	2.0000000000e+001	4.98651e-002
42	2.0500000000e+001	7.22599e-002
43	2.1000000000e+001	9.25438e-002
44	2.1500000000e+001	9.51722e-002
45	2.2000000000e+001	8.11676e-002
46	2.2500000000e+001	6.23803e-002
47	2.3000000000e+001	4.80080e-002
48	2.3500000000e+001	3.69973e-002
49	2.4000000000e+001	3.21307e-002
50	2.4500000000e+001	2.90889e-002
51	2.5000000000e+001	2.62392e-002

52	2.5500000000e+001	2.46347e-002
53	2.6000000000e+001	2.36106e-002
54	2.6500000000e+001	2.28832e-002
55	2.7000000000e+001	2.23042e-002
56	2.7500000000e+001	2.20236e-002
57	2.8000000000e+001	2.19302e-002
58	2.8500000000e+001	2.17080e-002
59	2.9000000000e+001	2.17581e-002
60	2.9500000000e+001	2.15290e-002
61	3.0000000000e+001	2.19661e-002
62	3.0500000000e+001	2.23287e-002
63	3.1000000000e+001	2.22862e-002
64	3.1500000000e+001	2.29280e-002
65	3.2000000000e+001	2.29106e-002
66	3.2500000000e+001	2.26037e-002
67	3.3000000000e+001	2.27114e-002
68	3.3500000000e+001	2.26047e-002
69	3.4000000000e+001	2.27223e-002
70	3.4500000000e+001	2.24105e-002
71	3.5000000000e+001	2.24984e-002
72	3.5500000000e+001	2.24115e-002
73	3.6000000000e+001	2.21370e-002
74	3.6500000000e+001	2.15392e-002
75	3.7000000000e+001	2.07386e-002
76	3.7500000000e+001	2.04973e-002
77	3.8000000000e+001	1.95244e-002
78	3.8500000000e+001	1.85860e-002

79	3.9000000000e+001	1.71247e-002
80	3.9500000000e+001	1.54734e-002
81	4.0000000000e+001	1.33883e-002
82	4.0500000000e+001	1.14198e-002
83	4.1000000000e+001	9.24998e-003
84	4.1500000000e+001	7.24810e-003
85	4.2000000000e+001	5.48902e-003
86	4.2500000000e+001	4.12322e-003
87	4.3000000000e+001	2.97180e-003
88	4.3500000000e+001	2.08275e-003
89	4.4000000000e+001	1.36120e-003
90	4.4500000000e+001	8.41535e-004
91	4.5000000000e+001	5.11642e-004
92	4.5500000000e+001	2.95474e-004
93	4.6000000000e+001	1.58779e-004
94	4.6500000000e+001	8.58030e-005
95	4.7000000000e+001	5.57410e-005
96	4.7500000000e+001	5.94121e-005
97	4.8000000000e+001	8.22048e-005
98	4.8500000000e+001	1.19294e-004
99	4.9000000000e+001	1.73405e-004
100	4.9500000000e+001	2.41730e-004
101	5.0000000000e+001	3.26517e-004
102	5.0500000000e+001	4.38286e-004
103	5.1000000000e+001	5.86898e-004
104	5.1500000000e+001	7.80758e-004
105	5.2000000000e+001	1.03699e-003

106	5.2500000000e+001	1.36603e-003
107	5.3000000000e+001	1.78153e-003
108	5.3500000000e+001	2.27009e-003
109	5.4000000000e+001	2.92642e-003
110	5.4500000000e+001	3.77971e-003
111	5.5000000000e+001	4.71116e-003
112	5.5500000000e+001	5.90557e-003
113	5.6000000000e+001	7.26480e-003
114	5.6500000000e+001	8.74196e-003
115	5.7000000000e+001	1.03970e-002
116	5.7500000000e+001	1.20480e-002
117	5.8000000000e+001	1.37277e-002
118	5.8500000000e+001	1.54829e-002
119	5.9000000000e+001	1.70090e-002
120	5.9500000000e+001	1.85221e-002
121	6.0000000000e+001	1.96073e-002
122	6.0500000000e+001	2.09319e-002
123	6.1000000000e+001	2.21429e-002
124	6.1500000000e+001	2.31377e-002
125	6.2000000000e+001	2.40995e-002
126	6.2500000000e+001	2.49599e-002
127	6.3000000000e+001	2.56519e-002
128	6.3500000000e+001	2.64570e-002
129	6.4000000000e+001	2.70903e-002
130	6.4500000000e+001	2.77607e-002
131	6.5000000000e+001	2.81263e-002
132	6.5500000000e+001	2.87907e-002

133	6.6000000000e+001	2.91011e-002
134	6.6500000000e+001	2.91180e-002
135	6.7000000000e+001	2.88300e-002
136	6.7500000000e+001	2.79652e-002
137	6.8000000000e+001	2.65549e-002
138	6.8500000000e+001	2.46818e-002
139	6.9000000000e+001	2.22647e-002
140	6.9500000000e+001	1.92581e-002
141	7.0000000000e+001	1.61737e-002
142	7.0500000000e+001	1.30342e-002
143	7.1000000000e+001	1.04147e-002
144	7.1500000000e+001	8.13233e-003
145	7.2000000000e+001	6.46968e-003
146	7.2500000000e+001	5.18434e-003
147	7.3000000000e+001	4.23007e-003
148	7.3500000000e+001	3.45982e-003
149	7.4000000000e+001	2.89417e-003
150	7.4500000000e+001	2.47168e-003
151	7.5000000000e+001	2.15999e-003
152	7.5500000000e+001	1.95337e-003
153	7.6000000000e+001	1.80588e-003
154	7.6500000000e+001	1.73117e-003
155	7.7000000000e+001	1.67002e-003
156	7.7500000000e+001	1.60300e-003
157	7.8000000000e+001	1.53593e-003
158	7.8500000000e+001	1.45151e-003
159	7.9000000000e+001	1.35777e-003

160	7.9500000000e+001	1.25020e-003
161	8.0000000000e+001	1.13902e-003
162	8.0500000000e+001	1.02275e-003
163	8.1000000000e+001	9.16211e-004
164	8.1500000000e+001	7.98225e-004
165	8.2000000000e+001	6.91761e-004
166	8.2500000000e+001	5.90997e-004
167	8.3000000000e+001	4.94812e-004
168	8.3500000000e+001	4.12261e-004
169	8.4000000000e+001	3.44523e-004
170	8.4500000000e+001	2.88607e-004
171	8.5000000000e+001	2.48766e-004
172	8.5500000000e+001	2.24836e-004
173	8.6000000000e+001	2.10849e-004
174	8.6500000000e+001	2.13688e-004
175	8.7000000000e+001	2.34828e-004
176	8.7500000000e+001	2.67650e-004
177	8.8000000000e+001	3.14275e-004
178	8.8500000000e+001	3.65794e-004
179	8.9000000000e+001	4.30320e-004
180	8.9500000000e+001	4.90550e-004
181	9.0000000000e+001	5.46305e-004
182	9.0500000000e+001	5.84302e-004
183	9.1000000000e+001	5.99732e-004
184	9.1500000000e+001	5.87791e-004
185	9.2000000000e+001	5.56210e-004
186	9.2500000000e+001	5.16108e-004

187	9.3000000000e+001	4.89284e-004
188	9.3500000000e+001	4.95708e-004
189	9.4000000000e+001	5.43906e-004
190	9.4500000000e+001	6.32494e-004
191	9.5000000000e+001	7.55089e-004
192	9.5500000000e+001	9.21539e-004
193	9.6000000000e+001	1.13780e-003
194	9.6500000000e+001	1.41118e-003
195	9.7000000000e+001	1.76992e-003
196	9.7500000000e+001	2.22120e-003
197	9.8000000000e+001	2.77991e-003
198	9.8500000000e+001	3.42481e-003
199	9.9000000000e+001	4.10594e-003
200	9.9500000000e+001	4.77820e-003
201	1.0000000000e+002	5.39719e-003
202	1.0050000000e+002	5.92305e-003
203	1.0100000000e+002	6.32989e-003
204	1.0150000000e+002	6.58275e-003
205	1.0200000000e+002	6.74865e-003
206	1.0250000000e+002	6.77788e-003
207	1.0300000000e+002	6.71091e-003
208	1.0350000000e+002	6.57127e-003
209	1.0400000000e+002	6.39076e-003
210	1.0450000000e+002	6.17881e-003
211	1.0500000000e+002	5.95951e-003
212	1.0550000000e+002	5.71891e-003
213	1.0600000000e+002	5.46767e-003

214	1.0650000000e+002	5.23638e-003
215	1.0700000000e+002	5.06460e-003
216	1.0750000000e+002	4.92147e-003
217	1.0800000000e+002	4.82148e-003
218	1.0850000000e+002	4.73823e-003
219	1.0900000000e+002	4.67070e-003
220	1.0950000000e+002	4.58262e-003
221	1.1000000000e+002	4.50020e-003
222	1.1050000000e+002	4.40682e-003
223	1.1100000000e+002	4.27685e-003
224	1.1150000000e+002	4.18012e-003
225	1.1200000000e+002	4.19826e-003
226	1.1250000000e+002	4.39075e-003
227	1.1300000000e+002	4.75407e-003
228	1.1350000000e+002	5.29410e-003
229	1.1400000000e+002	5.99747e-003
230	1.1450000000e+002	6.90833e-003
231	1.1500000000e+002	8.04240e-003
232	1.1550000000e+002	9.36275e-003
233	1.1600000000e+002	1.07383e-002
234	1.1650000000e+002	1.16874e-002
235	1.1700000000e+002	1.18335e-002
236	1.1750000000e+002	1.08082e-002
237	1.1800000000e+002	9.16220e-003
238	1.1850000000e+002	7.35383e-003
239	1.1900000000e+002	5.84860e-003
240	1.1950000000e+002	4.77336e-003

241	1.2000000000e+002	4.14650e-003
242	1.2050000000e+002	3.80444e-003
243	1.2100000000e+002	3.55672e-003
244	1.2150000000e+002	3.35677e-003
245	1.2200000000e+002	3.17030e-003
246	1.2250000000e+002	2.98836e-003
247	1.2300000000e+002	2.79629e-003
248	1.2350000000e+002	2.62209e-003
249	1.2400000000e+002	2.44959e-003
250	1.2450000000e+002	2.28655e-003
251	1.2500000000e+002	2.13081e-003
252	1.2550000000e+002	1.99589e-003
253	1.2600000000e+002	1.86750e-003
254	1.2650000000e+002	1.71570e-003
255	1.2700000000e+002	1.54651e-003
256	1.2750000000e+002	1.36760e-003
257	1.2800000000e+002	1.21010e-003
258	1.2850000000e+002	1.08476e-003
259	1.2900000000e+002	9.85721e-004
260	1.2950000000e+002	9.21360e-004
261	1.3000000000e+002	8.88505e-004
262	1.3050000000e+002	8.75302e-004
263	1.3100000000e+002	8.63913e-004
264	1.3150000000e+002	8.19413e-004
265	1.3200000000e+002	7.22549e-004
266	1.3250000000e+002	5.89983e-004
267	1.3300000000e+002	4.58040e-004

268	1.3350000000e+002	3.50004e-004
269	1.3400000000e+002	2.65987e-004
270	1.3450000000e+002	2.01904e-004
271	1.3500000000e+002	1.46502e-004
272	1.3550000000e+002	1.00111e-004
273	1.3600000000e+002	6.04126e-005
274	1.3650000000e+002	3.21545e-005
275	1.3700000000e+002	1.47236e-005
276	1.3750000000e+002	8.31091e-006
277	1.3800000000e+002	9.81611e-006
278	1.3850000000e+002	1.68756e-005
279	1.3900000000e+002	2.57881e-005
280	1.3950000000e+002	3.55983e-005
281	1.4000000000e+002	4.76794e-005
282	1.4050000000e+002	6.44703e-005
283	1.4100000000e+002	8.79928e-005
284	1.4150000000e+002	1.15828e-004
285	1.4200000000e+002	1.44630e-004
286	1.4250000000e+002	1.66292e-004
287	1.4300000000e+002	1.78332e-004
288	1.4350000000e+002	1.81849e-004
289	1.4400000000e+002	1.82070e-004
290	1.4450000000e+002	1.83637e-004
291	1.4500000000e+002	1.89366e-004
292	1.4550000000e+002	1.97801e-004
293	1.4600000000e+002	2.07500e-004
294	1.4650000000e+002	2.13620e-004

295	1.4700000000e+002	2.17806e-004
296	1.4750000000e+002	2.14077e-004
297	1.4800000000e+002	2.09626e-004
298	1.4850000000e+002	2.02188e-004
299	1.4900000000e+002	2.00778e-004
300	1.4950000000e+002	1.99195e-004
301	1.5000000000e+002	1.99598e-004
302	1.5050000000e+002	2.03252e-004
303	1.5100000000e+002	2.07094e-004
304	1.5150000000e+002	2.14183e-004
305	1.5200000000e+002	2.24362e-004
306	1.5250000000e+002	2.34689e-004
307	1.5300000000e+002	2.43481e-004
308	1.5350000000e+002	2.57638e-004
309	1.5400000000e+002	2.74151e-004
310	1.5450000000e+002	2.87104e-004
311	1.5500000000e+002	2.88056e-004
312	1.5550000000e+002	2.72893e-004
313	1.5600000000e+002	2.51226e-004
314	1.5650000000e+002	2.31327e-004
315	1.5700000000e+002	2.21459e-004
316	1.5750000000e+002	2.17127e-004
317	1.5800000000e+002	2.15432e-004
318	1.5850000000e+002	2.16995e-004
319	1.5900000000e+002	2.14227e-004
320	1.5950000000e+002	2.12239e-004
321	1.6000000000e+002	2.10630e-004

322	1.6050000000e+002	2.07555e-004
323	1.6100000000e+002	2.00703e-004
324	1.6150000000e+002	1.91230e-004
325	1.6200000000e+002	1.86123e-004
326	1.6250000000e+002	1.78217e-004
327	1.6300000000e+002	1.69109e-004
328	1.6350000000e+002	1.60479e-004
329	1.6400000000e+002	1.54228e-004
330	1.6450000000e+002	1.46849e-004
331	1.6500000000e+002	1.38991e-004
332	1.6550000000e+002	1.29460e-004
333	1.6600000000e+002	1.22976e-004
334	1.6650000000e+002	1.21904e-004
335	1.6700000000e+002	1.28383e-004
336	1.6750000000e+002	1.42075e-004
337	1.6800000000e+002	1.58748e-004
338	1.6850000000e+002	1.77232e-004
339	1.6900000000e+002	1.92358e-004
340	1.6950000000e+002	2.03219e-004
341	1.7000000000e+002	2.06640e-004
342	1.7050000000e+002	2.11219e-004
343	1.7100000000e+002	2.14584e-004
344	1.7150000000e+002	2.24406e-004
345	1.7200000000e+002	2.42419e-004
346	1.7250000000e+002	2.78632e-004
347	1.7300000000e+002	3.18053e-004
348	1.7350000000e+002	3.72185e-004

349	1.7400000000e+002	4.21140e-004
350	1.7450000000e+002	4.65970e-004
351	1.7500000000e+002	5.06328e-004
352	1.7550000000e+002	5.33238e-004
353	1.7600000000e+002	5.48048e-004
354	1.7650000000e+002	5.54030e-004
355	1.7700000000e+002	5.62671e-004
356	1.7750000000e+002	5.64826e-004
357	1.7800000000e+002	5.76476e-004
358	1.7850000000e+002	5.75037e-004
359	1.7900000000e+002	5.79119e-004
360	1.7950000000e+002	5.83491e-004
361	1.8000000000e+002	5.99199e-004
362	1.8050000000e+002	6.09217e-004
363	1.8100000000e+002	6.22949e-004
364	1.8150000000e+002	6.36123e-004
365	1.8200000000e+002	6.49142e-004
366	1.8250000000e+002	6.64994e-004
367	1.8300000000e+002	6.77851e-004
368	1.8350000000e+002	6.90524e-004
369	1.8400000000e+002	6.97968e-004
370	1.8450000000e+002	7.14417e-004
371	1.8500000000e+002	7.28003e-004
372	1.8550000000e+002	7.39595e-004
373	1.8600000000e+002	7.49916e-004
374	1.8650000000e+002	7.50368e-004
375	1.8700000000e+002	7.46583e-004

376	1.8750000000e+002	7.41119e-004
377	1.8800000000e+002	7.35221e-004
378	1.8850000000e+002	7.19982e-004
379	1.8900000000e+002	7.09846e-004
380	1.8950000000e+002	6.99157e-004
381	1.9000000000e+002	6.88586e-004
382	1.9050000000e+002	6.73972e-004
383	1.9100000000e+002	6.51096e-004
384	1.9150000000e+002	6.26890e-004
385	1.9200000000e+002	6.10300e-004
386	1.9250000000e+002	5.89859e-004
387	1.9300000000e+002	5.62678e-004
388	1.9350000000e+002	5.41118e-004
389	1.9400000000e+002	5.15161e-004
390	1.9450000000e+002	4.96338e-004
391	1.9500000000e+002	4.77167e-004
392	1.9550000000e+002	4.60380e-004
393	1.9600000000e+002	4.38820e-004
394	1.9650000000e+002	4.20382e-004
395	1.9700000000e+002	4.03158e-004
396	1.9750000000e+002	3.87161e-004
397	1.9800000000e+002	3.68367e-004
398	1.9850000000e+002	3.49342e-004
399	1.9900000000e+002	3.27222e-004
400	1.9950000000e+002	3.09717e-004
401	2.0000000000e+002	2.96161e-004

TagsBegin:

OverLoad: False

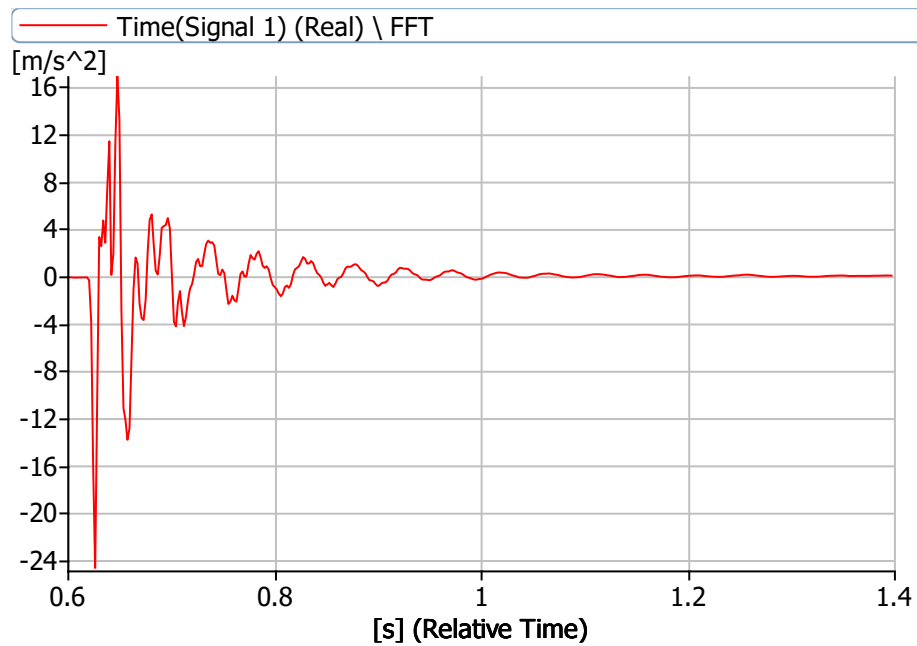
AverageNumber: [] 5.00000e+000

OverLoadRatio: [] 1.19209e-007

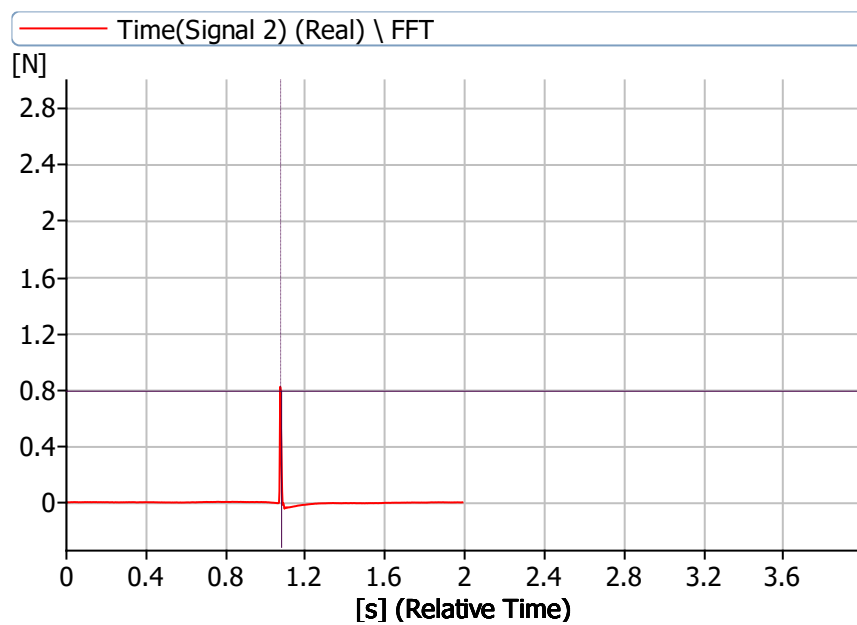
TagsEnd:

TagScalesBegin:

TagScalesEnd:

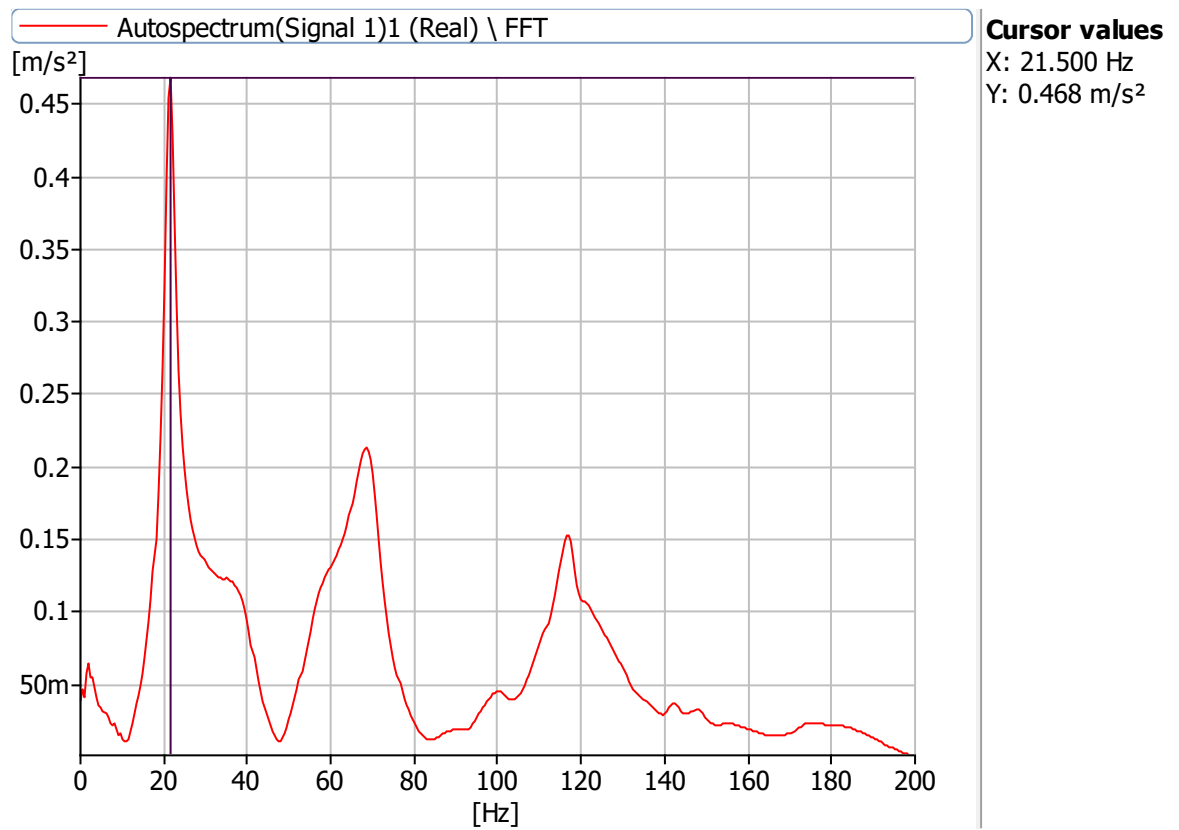


Cursor values
X: 23.438m s
Y: -28.104m m/s²



Cursor values
X: 1.080 s
Y: 0.795 N

MST next reading



Header Size: 79

Pulse Version: 80

Running Pulse Version: PULSE LabShop v. 14.1.0.196 - 2009-12-08

Decimal Symbol: .

Date Format: dd-MM-yyyy

Time Format: HH:mm:ss:mmm

Data Type: Real

Slice: False

Z-Axis type: Linear

Z-Axis size: 1

Z-Axis unit:

Z-Axis first value: 0.0000000000e+000

Z-Axis delta: 1.0000000000e+000

X-Axis type: Linear

X-Axis size: 401

X-Axis unit: Hz

X-Axis first value: 0.0000000000e+000

X-Axis delta: 5.0000000000e-001

AmplitudeUnit: m/s^2

Analyzer: FFT_Spectrum_Averaging

AnalyzerName: FFT

Bipolar: False

CenterFrequency: 1.0000000000e+002

Domain: 1

Function: Autospectrum

InputRange: 1.0314214480e+004

MultiBufferName: Input

NBW: 1.5000000000e+000

OverlapFailed: False

Overrun: False

Power: True

PowerUnit: $(\text{m/s}^2)^2$

RecordLength: 2.0000000000e+000

ReducedSize: True

SamplingRatio: 2.5600000000e+000

Signal: Signal 1

SignalUnit: m/s^2

Title: Autospectrum(Signal 1)1

Title1: Working : Transient 2 : Input : FFT

Weight:0

ZoomOn: False

TemplateName:Working

MeasurementName: Transient 2

MeasurementSlice: False

DeltaFrequency: 5.0000000000e-001

EnvelopeOn: False

Z-index: 1

Date: 23-08-2022

Time: 16:45:25:082

Relative time: 0.00000e+000

Z-axis: 0.0000000000e+000

1	0.0000000000e+000	1.51273e-003
2	5.0000000000e-001	2.15696e-003
3	1.0000000000e+000	1.72163e-003
4	1.5000000000e+000	3.32027e-003
5	2.0000000000e+000	4.22924e-003
6	2.5000000000e+000	3.09885e-003
7	3.0000000000e+000	2.98522e-003

8	3.5000000000e+000	2.29222e-003
9	4.0000000000e+000	1.72582e-003
10	4.5000000000e+000	1.22978e-003
11	5.0000000000e+000	1.14399e-003
12	5.5000000000e+000	1.00757e-003
13	6.0000000000e+000	8.96641e-004
14	6.5000000000e+000	7.38888e-004
15	7.0000000000e+000	5.22457e-004
16	7.5000000000e+000	4.89342e-004
17	8.0000000000e+000	5.42257e-004
18	8.5000000000e+000	3.84279e-004
19	9.0000000000e+000	2.37255e-004
20	9.5000000000e+000	2.57158e-004
21	1.0000000000e+001	1.50041e-004
22	1.0500000000e+001	1.18701e-004
23	1.1000000000e+001	1.11631e-004
24	1.1500000000e+001	1.48056e-004
25	1.2000000000e+001	3.25427e-004
26	1.2500000000e+001	5.18017e-004
27	1.3000000000e+001	8.89221e-004
28	1.3500000000e+001	1.37992e-003
29	1.4000000000e+001	1.85370e-003
30	1.4500000000e+001	2.43600e-003
31	1.5000000000e+001	3.27304e-003
32	1.5500000000e+001	4.70945e-003
33	1.6000000000e+001	6.51813e-003
34	1.6500000000e+001	8.75107e-003

35	1.7000000000e+001	1.19604e-002
36	1.7500000000e+001	1.64223e-002
37	1.8000000000e+001	2.25543e-002
38	1.8500000000e+001	3.30005e-002
39	1.9000000000e+001	4.85356e-002
40	1.9500000000e+001	7.11526e-002
41	2.0000000000e+001	1.05883e-001
42	2.0500000000e+001	1.57346e-001
43	2.1000000000e+001	2.06997e-001
44	2.1500000000e+001	2.19424e-001
45	2.2000000000e+001	1.83776e-001
46	2.2500000000e+001	1.35945e-001
47	2.3000000000e+001	9.77855e-002
48	2.3500000000e+001	7.09412e-002
49	2.4000000000e+001	5.60426e-002
50	2.4500000000e+001	4.63407e-002
51	2.5000000000e+001	3.90962e-002
52	2.5500000000e+001	3.39382e-002
53	2.6000000000e+001	3.00028e-002
54	2.6500000000e+001	2.67171e-002
55	2.7000000000e+001	2.46069e-002
56	2.7500000000e+001	2.27624e-002
57	2.8000000000e+001	2.14562e-002
58	2.8500000000e+001	2.01688e-002
59	2.9000000000e+001	1.91554e-002
60	2.9500000000e+001	1.84705e-002
61	3.0000000000e+001	1.78029e-002

62	3.0500000000e+001	1.72839e-002
63	3.1000000000e+001	1.67013e-002
64	3.1500000000e+001	1.63640e-002
65	3.2000000000e+001	1.61011e-002
66	3.2500000000e+001	1.58250e-002
67	3.3000000000e+001	1.55035e-002
68	3.3500000000e+001	1.53058e-002
69	3.4000000000e+001	1.51774e-002
70	3.4500000000e+001	1.50270e-002
71	3.5000000000e+001	1.52035e-002
72	3.5500000000e+001	1.50733e-002
73	3.6000000000e+001	1.47684e-002
74	3.6500000000e+001	1.45764e-002
75	3.7000000000e+001	1.40734e-002
76	3.7500000000e+001	1.36838e-002
77	3.8000000000e+001	1.31915e-002
78	3.8500000000e+001	1.23097e-002
79	3.9000000000e+001	1.15769e-002
80	3.9500000000e+001	1.02802e-002
81	4.0000000000e+001	8.94409e-003
82	4.0500000000e+001	7.58633e-003
83	4.1000000000e+001	5.97556e-003
84	4.1500000000e+001	4.72045e-003
85	4.2000000000e+001	3.69949e-003
86	4.2500000000e+001	2.71769e-003
87	4.3000000000e+001	1.99522e-003
88	4.3500000000e+001	1.52528e-003

89	4.4000000000e+001	1.17201e-003
90	4.4500000000e+001	8.89915e-004
91	4.5000000000e+001	6.73158e-004
92	4.5500000000e+001	4.68571e-004
93	4.6000000000e+001	3.15371e-004
94	4.6500000000e+001	2.05743e-004
95	4.7000000000e+001	1.37165e-004
96	4.7500000000e+001	1.10236e-004
97	4.8000000000e+001	1.23433e-004
98	4.8500000000e+001	1.79758e-004
99	4.9000000000e+001	2.81460e-004
100	4.9500000000e+001	4.43265e-004
101	5.0000000000e+001	6.47653e-004
102	5.0500000000e+001	9.02829e-004
103	5.1000000000e+001	1.23127e-003
104	5.1500000000e+001	1.65414e-003
105	5.2000000000e+001	2.16302e-003
106	5.2500000000e+001	2.80408e-003
107	5.3000000000e+001	3.55675e-003
108	5.3500000000e+001	4.40136e-003
109	5.4000000000e+001	5.36793e-003
110	5.4500000000e+001	6.42043e-003
111	5.5000000000e+001	7.60559e-003
112	5.5500000000e+001	8.89974e-003
113	5.6000000000e+001	1.02366e-002
114	5.6500000000e+001	1.14978e-002
115	5.7000000000e+001	1.25869e-002

116	5.7500000000e+001	1.36060e-002
117	5.8000000000e+001	1.44869e-002
118	5.8500000000e+001	1.52356e-002
119	5.9000000000e+001	1.59138e-002
120	5.9500000000e+001	1.65964e-002
121	6.0000000000e+001	1.72147e-002
122	6.0500000000e+001	1.77089e-002
123	6.1000000000e+001	1.84328e-002
124	6.1500000000e+001	1.94544e-002
125	6.2000000000e+001	2.05481e-002
126	6.2500000000e+001	2.14568e-002
127	6.3000000000e+001	2.24548e-002
128	6.3500000000e+001	2.38574e-002
129	6.4000000000e+001	2.55951e-002
130	6.4500000000e+001	2.78262e-002
131	6.5000000000e+001	3.05170e-002
132	6.5500000000e+001	3.31428e-002
133	6.6000000000e+001	3.59265e-002
134	6.6500000000e+001	3.88100e-002
135	6.7000000000e+001	4.13927e-002
136	6.7500000000e+001	4.37317e-002
137	6.8000000000e+001	4.50879e-002
138	6.8500000000e+001	4.53765e-002
139	6.9000000000e+001	4.46257e-002
140	6.9500000000e+001	4.20832e-002
141	7.0000000000e+001	3.81269e-002
142	7.0500000000e+001	3.29934e-002

143	7.1000000000e+001	2.75823e-002
144	7.1500000000e+001	2.24769e-002
145	7.2000000000e+001	1.79876e-002
146	7.2500000000e+001	1.43369e-002
147	7.3000000000e+001	1.15172e-002
148	7.3500000000e+001	9.20671e-003
149	7.4000000000e+001	7.38205e-003
150	7.4500000000e+001	5.92676e-003
151	7.5000000000e+001	4.77265e-003
152	7.5500000000e+001	3.84529e-003
153	7.6000000000e+001	3.10657e-003
154	7.6500000000e+001	2.51799e-003
155	7.7000000000e+001	2.02415e-003
156	7.7500000000e+001	1.62725e-003
157	7.8000000000e+001	1.30913e-003
158	7.8500000000e+001	1.04592e-003
159	7.9000000000e+001	8.37467e-004
160	7.9500000000e+001	6.66595e-004
161	8.0000000000e+001	5.29257e-004
162	8.0500000000e+001	4.18248e-004
163	8.1000000000e+001	3.33150e-004
164	8.1500000000e+001	2.70009e-004
165	8.2000000000e+001	2.18879e-004
166	8.2500000000e+001	1.81827e-004
167	8.3000000000e+001	1.57681e-004
168	8.3500000000e+001	1.45684e-004
169	8.4000000000e+001	1.42381e-004

170	8.4500000000e+001	1.48297e-004
171	8.5000000000e+001	1.61585e-004
172	8.5500000000e+001	1.78248e-004
173	8.6000000000e+001	1.99624e-004
174	8.6500000000e+001	2.25312e-004
175	8.7000000000e+001	2.52023e-004
176	8.7500000000e+001	2.80548e-004
177	8.8000000000e+001	3.07520e-004
178	8.8500000000e+001	3.33730e-004
179	8.9000000000e+001	3.57750e-004
180	8.9500000000e+001	3.77454e-004
181	9.0000000000e+001	3.87639e-004
182	9.0500000000e+001	3.87465e-004
183	9.1000000000e+001	3.79996e-004
184	9.1500000000e+001	3.68702e-004
185	9.2000000000e+001	3.56006e-004
186	9.2500000000e+001	3.56855e-004
187	9.3000000000e+001	3.82647e-004
188	9.3500000000e+001	4.38810e-004
189	9.4000000000e+001	5.20781e-004
190	9.4500000000e+001	6.25768e-004
191	9.5000000000e+001	7.43897e-004
192	9.5500000000e+001	8.73038e-004
193	9.6000000000e+001	1.00481e-003
194	9.6500000000e+001	1.13649e-003
195	9.7000000000e+001	1.27625e-003
196	9.7500000000e+001	1.43118e-003

197	9.8000000000e+001	1.59341e-003
198	9.8500000000e+001	1.75161e-003
199	9.9000000000e+001	1.88741e-003
200	9.9500000000e+001	1.98638e-003
201	1.0000000000e+002	2.02561e-003
202	1.0050000000e+002	1.99981e-003
203	1.0100000000e+002	1.91957e-003
204	1.0150000000e+002	1.81388e-003
205	1.0200000000e+002	1.70572e-003
206	1.0250000000e+002	1.61959e-003
207	1.0300000000e+002	1.57582e-003
208	1.0350000000e+002	1.56870e-003
209	1.0400000000e+002	1.60675e-003
210	1.0450000000e+002	1.69011e-003
211	1.0500000000e+002	1.81161e-003
212	1.0550000000e+002	1.97508e-003
213	1.0600000000e+002	2.19369e-003
214	1.0650000000e+002	2.47943e-003
215	1.0700000000e+002	2.82941e-003
216	1.0750000000e+002	3.22772e-003
217	1.0800000000e+002	3.69613e-003
218	1.0850000000e+002	4.21080e-003
219	1.0900000000e+002	4.78053e-003
220	1.0950000000e+002	5.39203e-003
221	1.1000000000e+002	6.02940e-003
222	1.1050000000e+002	6.68720e-003
223	1.1100000000e+002	7.26370e-003

224	1.1150000000e+002	7.77648e-003
225	1.1200000000e+002	8.42838e-003
226	1.1250000000e+002	9.44452e-003
227	1.1300000000e+002	1.08561e-002
228	1.1350000000e+002	1.25412e-002
229	1.1400000000e+002	1.43695e-002
230	1.1450000000e+002	1.62623e-002
231	1.1500000000e+002	1.82302e-002
232	1.1550000000e+002	2.02279e-002
233	1.1600000000e+002	2.20590e-002
234	1.1650000000e+002	2.33107e-002
235	1.1700000000e+002	2.34098e-002
236	1.1750000000e+002	2.19591e-002
237	1.1800000000e+002	1.93956e-002
238	1.1850000000e+002	1.65363e-002
239	1.1900000000e+002	1.41621e-002
240	1.1950000000e+002	1.26638e-002
241	1.2000000000e+002	1.19179e-002
242	1.2050000000e+002	1.16250e-002
243	1.2100000000e+002	1.14373e-002
244	1.2150000000e+002	1.12203e-002
245	1.2200000000e+002	1.09182e-002
246	1.2250000000e+002	1.04916e-002
247	1.2300000000e+002	9.91504e-003
248	1.2350000000e+002	9.21253e-003
249	1.2400000000e+002	8.51845e-003
250	1.2450000000e+002	7.89784e-003

251	1.2500000000e+002	7.41372e-003
252	1.2550000000e+002	7.06268e-003
253	1.2600000000e+002	6.76684e-003
254	1.2650000000e+002	6.42648e-003
255	1.2700000000e+002	6.01476e-003
256	1.2750000000e+002	5.58671e-003
257	1.2800000000e+002	5.18348e-003
258	1.2850000000e+002	4.80115e-003
259	1.2900000000e+002	4.43801e-003
260	1.2950000000e+002	4.09955e-003
261	1.3000000000e+002	3.77520e-003
262	1.3050000000e+002	3.44720e-003
263	1.3100000000e+002	3.11304e-003
264	1.3150000000e+002	2.78301e-003
265	1.3200000000e+002	2.47946e-003
266	1.3250000000e+002	2.24101e-003
267	1.3300000000e+002	2.05816e-003
268	1.3350000000e+002	1.91191e-003
269	1.3400000000e+002	1.77384e-003
270	1.3450000000e+002	1.64920e-003
271	1.3500000000e+002	1.53241e-003
272	1.3550000000e+002	1.42834e-003
273	1.3600000000e+002	1.33295e-003
274	1.3650000000e+002	1.23755e-003
275	1.3700000000e+002	1.14450e-003
276	1.3750000000e+002	1.05884e-003
277	1.3800000000e+002	9.81741e-004

278	1.3850000000e+002	9.14756e-004
279	1.3900000000e+002	8.69573e-004
280	1.3950000000e+002	8.59240e-004
281	1.4000000000e+002	8.99644e-004
282	1.4050000000e+002	9.96015e-004
283	1.4100000000e+002	1.13454e-003
284	1.4150000000e+002	1.28095e-003
285	1.4200000000e+002	1.36389e-003
286	1.4250000000e+002	1.34653e-003
287	1.4300000000e+002	1.25290e-003
288	1.4350000000e+002	1.13045e-003
289	1.4400000000e+002	1.01777e-003
290	1.4450000000e+002	9.41610e-004
291	1.4500000000e+002	8.98511e-004
292	1.4550000000e+002	8.94867e-004
293	1.4600000000e+002	9.22236e-004
294	1.4650000000e+002	9.69981e-004
295	1.4700000000e+002	1.01906e-003
296	1.4750000000e+002	1.04872e-003
297	1.4800000000e+002	1.04389me-003
298	1.4850000000e+002	9.86854e-004
299	1.4900000000e+002	8.91837e-004
300	1.4950000000e+002	7.82258e-004
301	1.5000000000e+002	6.86994e-004
302	1.5050000000e+002	6.16008e-004
303	1.5100000000e+002	5.65737e-004
304	1.5150000000e+002	5.28396e-004

305	1.5200000000e+002	5.02410e-004
306	1.5250000000e+002	4.88795e-004
307	1.5300000000e+002	4.87973e-004
308	1.5350000000e+002	4.98310e-004
309	1.5400000000e+002	5.19034e-004
310	1.5450000000e+002	5.44492e-004
311	1.5500000000e+002	5.62922e-004
312	1.5550000000e+002	5.66202e-004
313	1.5600000000e+002	5.53026e-004
314	1.5650000000e+002	5.32738e-004
315	1.5700000000e+002	5.07687e-004
316	1.5750000000e+002	4.85966e-004
317	1.5800000000e+002	4.63555e-004
318	1.5850000000e+002	4.38844e-004
319	1.5900000000e+002	4.11688e-004
320	1.5950000000e+002	3.89188e-004
321	1.6000000000e+002	3.68797e-004
322	1.6050000000e+002	3.49727e-004
323	1.6100000000e+002	3.31029e-004
324	1.6150000000e+002	3.14296e-004
325	1.6200000000e+002	2.97895e-004
326	1.6250000000e+002	2.82729e-004
327	1.6300000000e+002	2.67910e-004
328	1.6350000000e+002	2.54485e-004
329	1.6400000000e+002	2.43154e-004
330	1.6450000000e+002	2.35462e-004
331	1.6500000000e+002	2.28063e-004

332	1.6550000000e+002	2.25047e-004
333	1.6600000000e+002	2.22501e-004
334	1.6650000000e+002	2.22025e-004
335	1.6700000000e+002	2.25585e-004
336	1.6750000000e+002	2.29626e-004
337	1.6800000000e+002	2.35086e-004
338	1.6850000000e+002	2.39755e-004
339	1.6900000000e+002	2.43795e-004
340	1.6950000000e+002	2.51122e-004
341	1.7000000000e+002	2.61061e-004
342	1.7050000000e+002	2.79949e-004
343	1.7100000000e+002	3.07786e-004
344	1.7150000000e+002	3.47790e-004
345	1.7200000000e+002	3.93765e-004
346	1.7250000000e+002	4.44177e-004
347	1.7300000000e+002	4.84402e-004
348	1.7350000000e+002	5.18236e-004
349	1.7400000000e+002	5.45725e-004
350	1.7450000000e+002	5.62819e-004
351	1.7500000000e+002	5.72657e-004
352	1.7550000000e+002	5.71707e-004
353	1.7600000000e+002	5.65570e-004
354	1.7650000000e+002	5.59644e-004
355	1.7700000000e+002	5.45595e-004
356	1.7750000000e+002	5.34475e-004
357	1.7800000000e+002	5.25117e-004
358	1.7850000000e+002	5.09788e-004

359	1.7900000000e+002	4.97451e-004
360	1.7950000000e+002	4.87624e-004
361	1.8000000000e+002	4.76993e-004
362	1.8050000000e+002	4.66033e-004
363	1.8100000000e+002	4.58213e-004
364	1.8150000000e+002	4.54294e-004
365	1.8200000000e+002	4.52314e-004
366	1.8250000000e+002	4.50971e-004
367	1.8300000000e+002	4.43363e-004
368	1.8350000000e+002	4.35505e-004
369	1.8400000000e+002	4.22314e-004
370	1.8450000000e+002	4.03994e-004
371	1.8500000000e+002	3.80919e-004
372	1.8550000000e+002	3.60964e-004
373	1.8600000000e+002	3.37066e-004
374	1.8650000000e+002	3.19868e-004
375	1.8700000000e+002	2.96866e-004
376	1.8750000000e+002	2.75141e-004
377	1.8800000000e+002	2.53842e-004
378	1.8850000000e+002	2.33735e-004
379	1.8900000000e+002	2.18465e-004
380	1.8950000000e+002	2.02013e-004
381	1.9000000000e+002	1.83703e-004
382	1.9050000000e+002	1.64717e-004
383	1.9100000000e+002	1.47878e-004
384	1.9150000000e+002	1.29781e-004
385	1.9200000000e+002	1.11745e-004

386	1.9250000000e+002	9.36743e-005
387	1.9300000000e+002	7.75822e-005
388	1.9350000000e+002	6.39249e-005
389	1.9400000000e+002	5.29126e-005
390	1.9450000000e+002	4.15463e-005
391	1.9500000000e+002	3.17598e-005
392	1.9550000000e+002	2.45983e-005
393	1.9600000000e+002	2.04668e-005
394	1.9650000000e+002	1.49743e-005
395	1.9700000000e+002	9.45249e-006
396	1.9750000000e+002	5.49858e-006
397	1.9800000000e+002	3.97695e-006
398	1.9850000000e+002	3.53094e-006
399	1.9900000000e+002	2.88888e-006
400	1.9950000000e+002	1.77944e-006
401	2.0000000000e+002	1.51622e-006

TagsBegin:

OverLoad: False

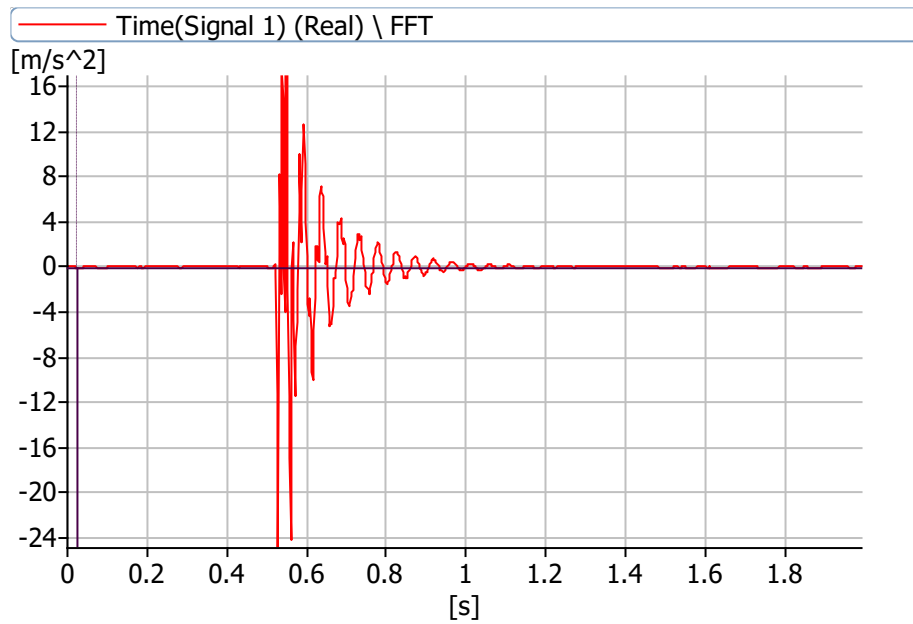
AverageNumber: [] 9.00000e+000

OverLoadRatio: [] 1.19209e-007

TagsEnd:

TagScalesBegin:

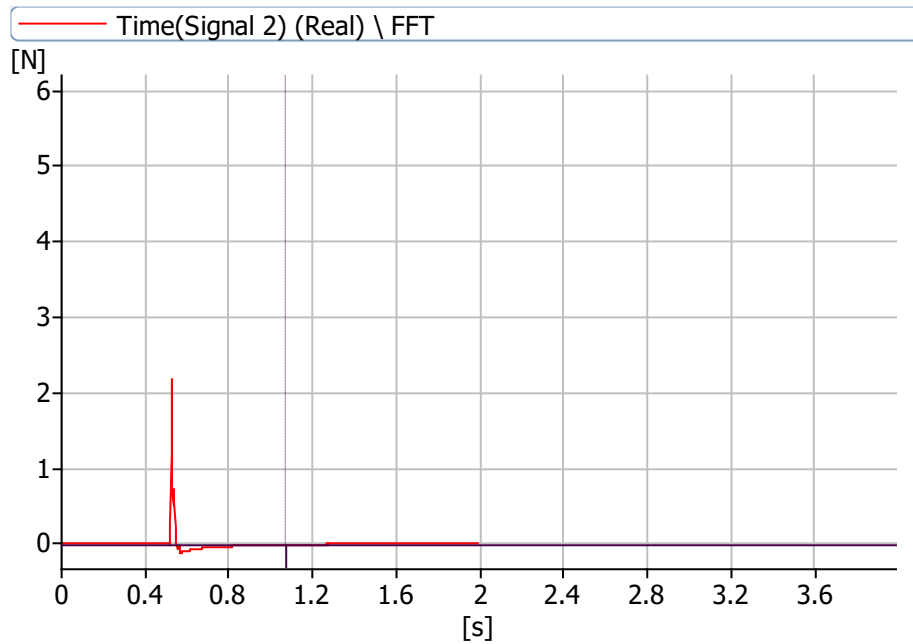
TagScalesEnd:



Cursor values

X: 23.438m s

Y: -29.817m m/s²



Cursor values

X: 1.072 s

Y: -13.625m N

Matlab Code.

F=5.0;

zeta= 0.052;

wn=(2*pi*22);

wd=wn*sqrt(1-zeta^2);

m=0.5;

```
t=0:0.001:0.7;

x=F.*(exp(-zeta.*wn.*t))./(m.*wd)).*sin((wd).*t);

plot (t,x)

hold on

F=5.0;

zeta= 0.074;

wn=(2*pi*22);

wd=wn*sqrt(1-zeta^2);

m=0.5;

t=0:0.001:0.7;

x=F.*(exp(-zeta.*wn.*t))./(m.*wd)).*sin((wd).*t);

plot (t,x,'-')
```