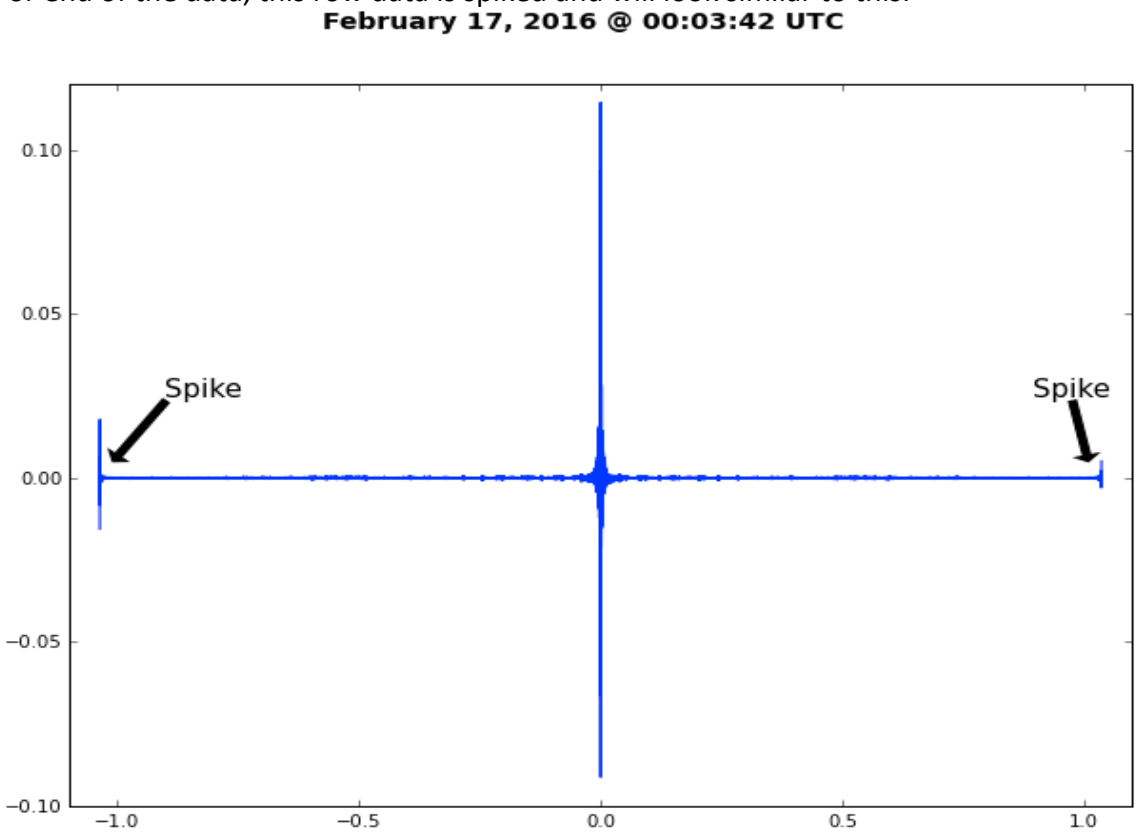
Radiance data can be calculated from each .CXS file and narrowed down to a scene (H in this case):

Time (UTC)	1599.93	1600.42	1600.9	1601.38	1601.86	1602.34	...	3017.6	3018.08	3018.56	3019.04	3019.52	3020
2/17/16 0:03	(-0.01441	(0.015845	(-0.01401	(0.015147	(-0.01365	(0.010681	...	(-0.02075	(0.056945	(-0.01717	(0.056573	(-0.01717	(0.0584
2/17/16 0:07	(-0.00057	(0.003572	(0.000267	(0.002529	(-0.00249	(0.006599	...	(0.024230	(0.018647	(0.024035	(0.020074	(0.017721	(0.0177
2/17/16 0:10	(-0.00159	(0.001646	(-0.00382	(0.001564	(0.003106	(0.004343	...	(0.016250	(0.020025	(0.019943	(0.019310	(0.020681	(0.0221
2/17/16 0:13	(-0.00166	(1.811422	(0.000382	(-0.00244	(0.002063	(0.001514	...	(0.019005	(0.020935	(0.017283	(0.020915	(0.020570	(0.0228
2/17/16 0:16	(0.003595	(0.004943	(-0.00251	(0.003620	(-0.00298	(0.000700	...	(0.018161	(0.019626	(0.020304	(0.019041	(0.018759	(0.0200
...	...	...	...	...	...	...	...	...	...	...	...	...	...
2/17/16 23:42	(-0.00154	(0.003957	(-0.00174	(0.008830	(-0.00294	(-0.00247	...	(0.018718	(0.019618	(0.020127	(0.011946	(0.021440	(0.0149
2/17/16 23:46	(0.004729	(-0.00021	(0.002457	(-0.00148	(0.006585	(0.000237	...	(0.017794	(0.015324	(0.017604	(0.018721	(0.014857	(0.0180
2/17/16 23:49	(-0.00305	(0.001322	(0.002411	(-0.00318	(-0.00255	(0.002810	...	(0.019547	(0.017371	(0.016856	(0.019359	(0.021290	(0.0165
2/17/16 23:52	(-0.00252	(-0.00389	(0.000325	(-0.00029	(-0.00060	(-0.00465	...	(0.016141	(0.018170	(0.015050	(0.019203	(0.020952	(0.0157
2/17/16 23:55	(0.001812	(-0.00311	(0.000685	(-0.00140	(-0.00028	(-0.00301	...	(0.016630	(0.020458	(0.018269	(0.016266	(0.017536	(0.0204

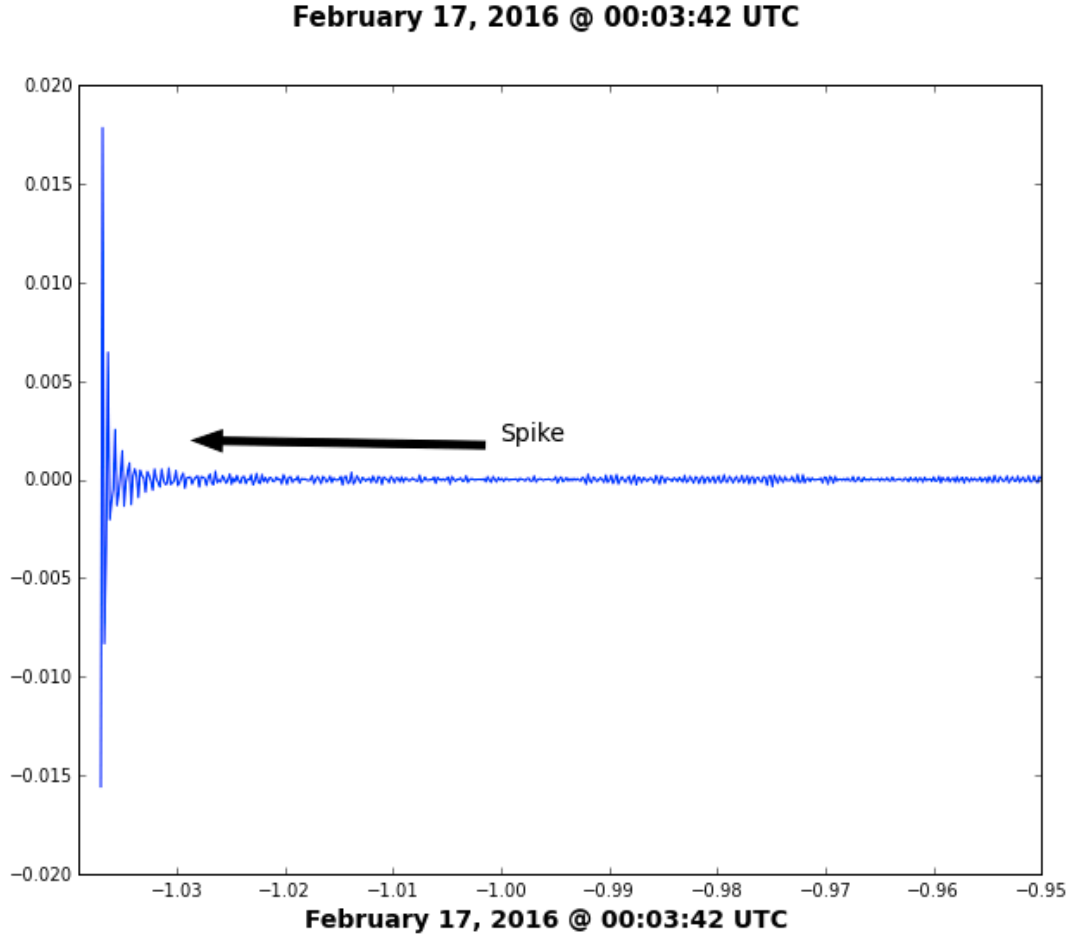
From this radiance spectrum, interferogram data can be calculated:

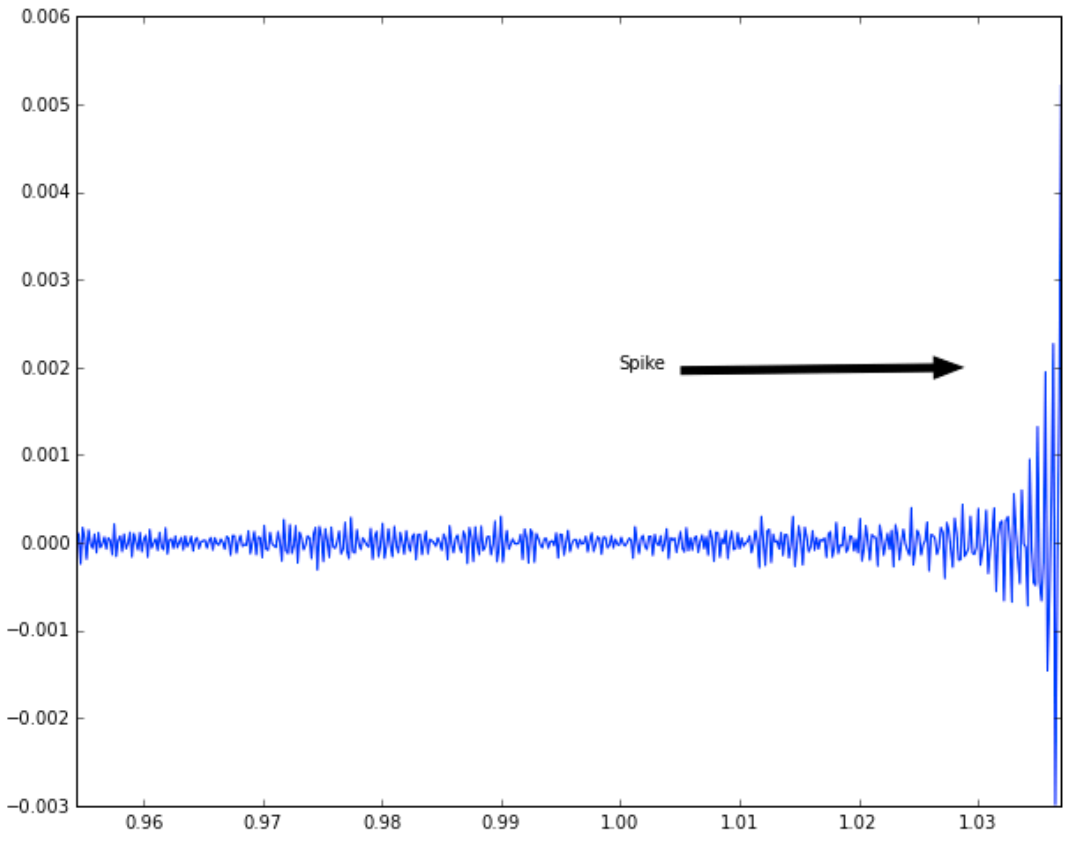
Time (UTC)	-1.037	-1.0368	-1.0365	-1.0363	-1.036	-1.0358	...	1.03579	1.036043	1.03629	1.03654	1.03679	1.0370
10/1/15 0:24	-0.001	0.00035	0.00121	-0.0017	0.00055	0.00116	...	-0.0008	3.40E-05	0.00127	-0.0019	1.39E-04	0.0008
10/1/15 0:27	-0.0691	-0.0041	0.01383	0.00159	0.00934	0.00421	...	0.00172	7.14E-03	0.00501	0.00743	3.83E-03	0.0159
10/1/15 0:30	-0.0007	0.00022	0.00087	-0.0017	0.00043	0.00099	...	-0.0006	-1.76E-04	0.00145	-0.0019	3.21E-04	0.00
10/1/15 0:34	-0.0009	0.00047	0.00105	-0.0017	0.00049	0.00072	...	-0.0006	-8.09E-05	0.00132	-0.002	4.20E-04	0.0008
10/1/15 0:37	-0.001	0.00036	0.001	-0.0019	0.00011	0.00101	...	-0.0004	5.43E-04	0.00133	-0.0021	1.82E-04	0.0008
...	...	...	...	...	...	...	...	...	...	...	...	...	...
10/1/15 23:43	-0.0008	0.00037	0.00088	-0.0021	0.00039	0.00101	...	-0.0006	-6.12E-06	0.00109	-0.0019	4.34E-04	0.0010
10/1/15 23:46	-0.0012	0.00013	0.00119	-0.0016	0.00073	0.00134	...	-0.0005	8.55E-05	0.00122	-0.002	4.81E-04	0.0005
10/1/15 23:50	-0.0012	0.00029	0.00116	-0.0022	0.00042	0.00127	...	-0.0005	2.40E-04	0.00133	-0.0016	3.94E-04	0.0007
10/1/15 23:53	-0.0008	2.1E-05	0.00089	-0.0018	9.5E-05	0.00098	...	-0.0004	2.04E-04	0.00137	-0.0022	4.78E-04	0.0010
10/1/15 23:57	-0.0009	0.00014	0.00116	-0.0021	0.00059	0.00137	...	-0.0006	2.18E-04	0.00159	-0.0021	1.84E-04	0.0005

From this data, an interferogram plot can be created for each row. If a row contains too large of values at the beginning or end of the data, this row data is spiked and will look similar to this:



Zoomed In:


February 17, 2016 @ 00:03:42 UTC
0.020
0.015
0.010
0.005
0.000
−0.005
−0.010
−0.015
−0.020
Spike
−1.03
−1.02
−1.01
−1.00
−0.99
−0.98
−0.97
−0.96
−0.95


February 17, 2016 @ 00:03:42 UTC
0.006
0.005
0.004
0.003
0.002
0.001
0.000
−0.001
−0.002
−0.003
Spike
0.96
0.97
0.98
0.99
1.00
1.01
1.02
1.03

Data from February 02, 2015 to February 18, 2016 at Radiance Scene H

Collective Totals	
Total .CXS Files:	1120
Total Files w/ Spikes:	1031
Total Time Ranges:	454043
Total Time Ranges w/ Spikes:	28793
Percentage of Spiked Data:	6.341%
B1 Totals	
Total B1 Files:	280
Total B1 Files w/ Spikes:	277
Total B1 Time Ranges:	120709
Total B1 Time Ranges w/ Spikes:	10904
Percentage of Spiked B1 Data:	9.033%
B2 Totals	
Total B2 Files:	280
Total B2 Files w/ Spikes:	277
Total B2 Time Ranges:	120709
Total B2 Time Ranges w/ Spikes:	10647
Percentage of Spiked B2 Data:	8.820%
F1 Totals	
Total F1 Files:	280
Total F1 Files w/ Spikes:	207
Total F1 Time Ranges:	120709
Total F1 Time Ranges w/ Spikes:	2534
Percentage of Spiked F1 Data:	2.099%
F2 Totals	
Total F2 Files:	280
Total F2 Files w/ Spikes:	270
Total F2 Time Ranges:	120709
Total F2 Time Ranges w/ Spikes:	4708
Percentage of Spiked F2 Data:	3.900%

Monthly Percentage of Spiked Data	
February 2015	2.071%
March 2015	3.621%
April 2015	4.512%
May 2015	4.229%
August 2015	3.990%
September 2015	4.716%
October 2015	4.524%
November 2015	6.960%
December 2015	8.194%
January 2016	11.679%
February 2016	9.845%

Two things to take note of from this data:

- B1 and B2 Channels contained significantly more spiked data
- Spikes occurred more and more often as the data approached the present date