

Analysis Report

for data '45`C spec'

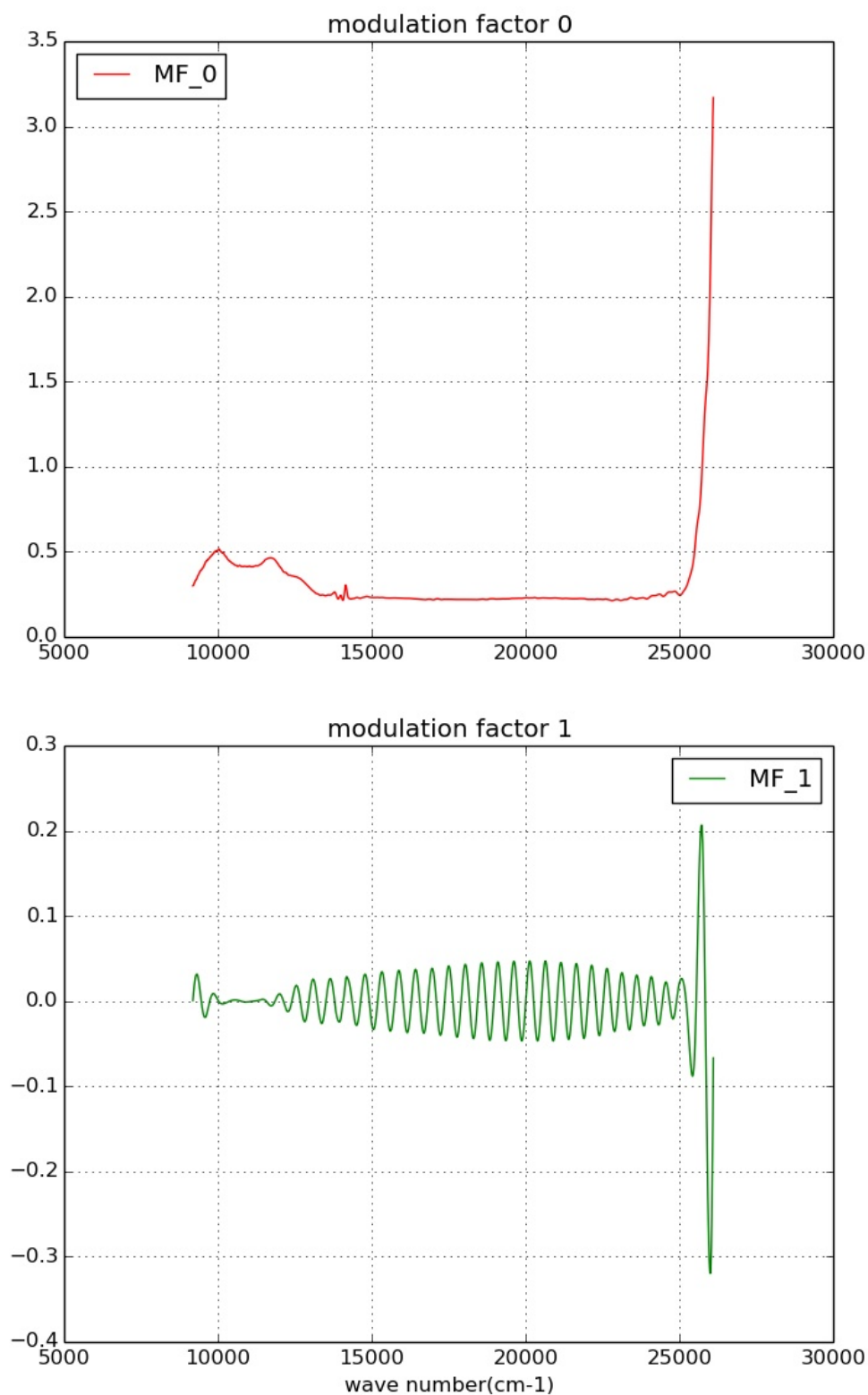
author: ycroft

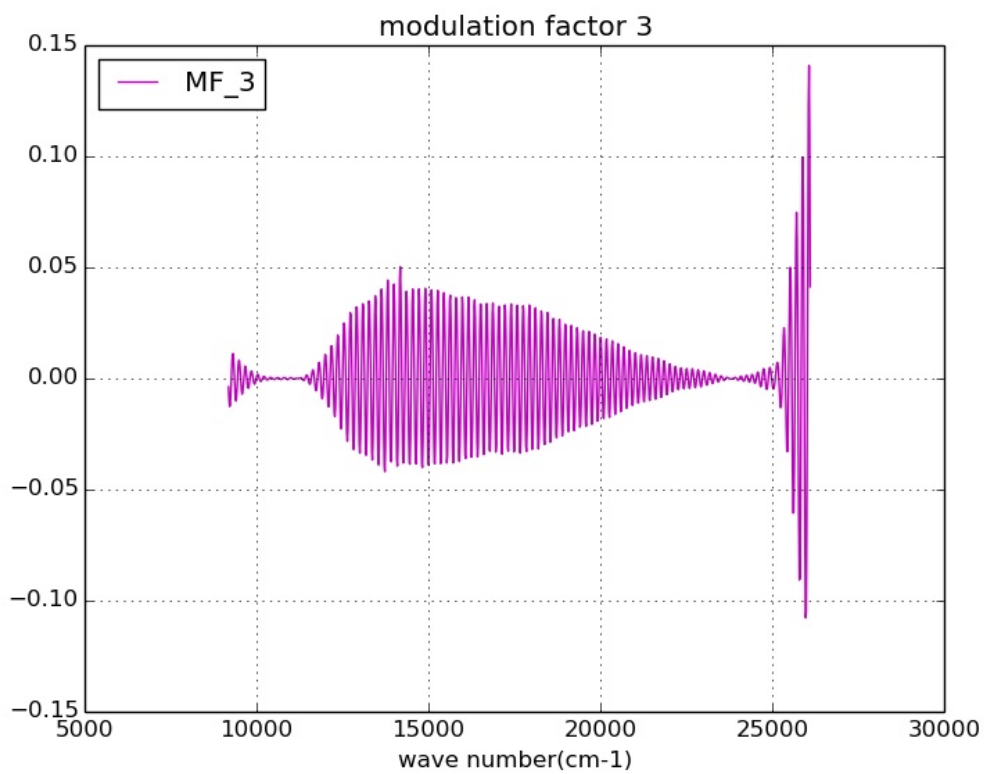
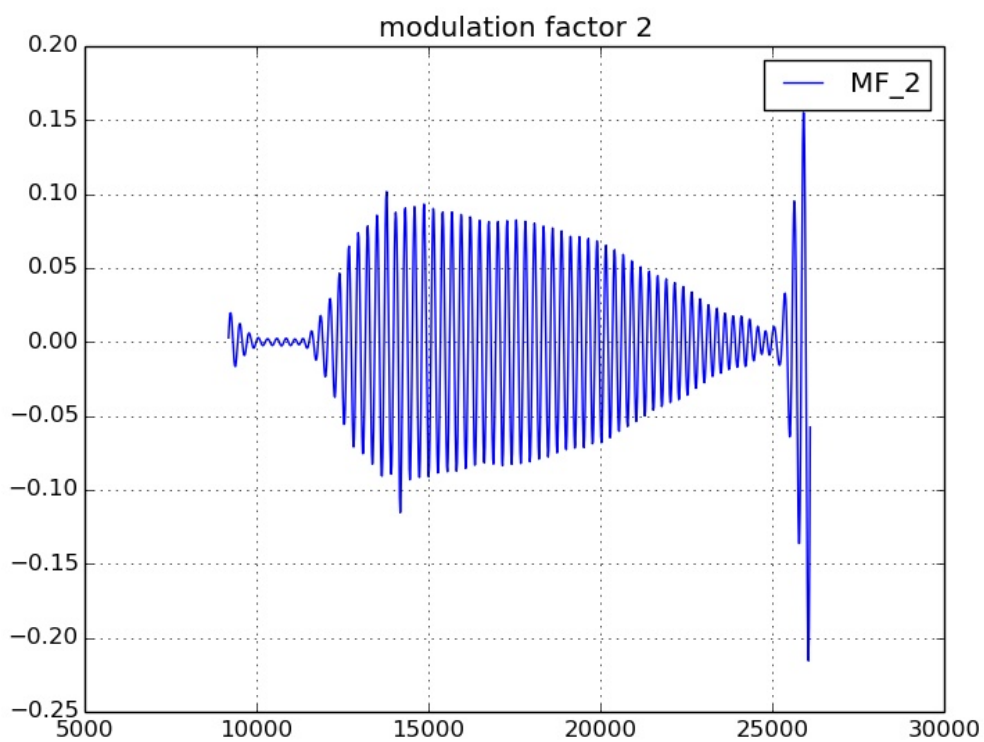
date: Tue, Feb 02 12:17

version: v0.1

I. Modulation Factors

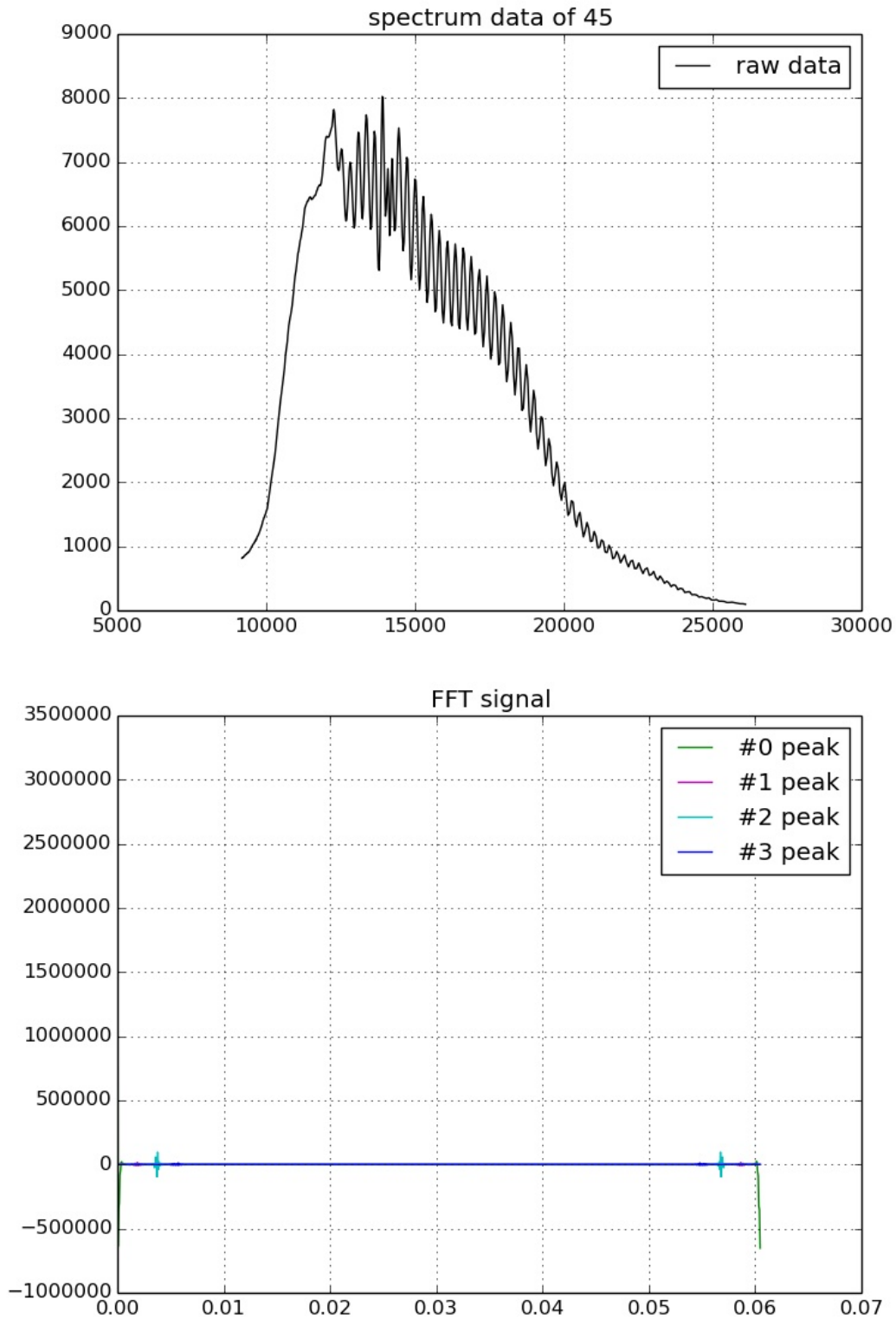
These factors are derived from the file 'refer'





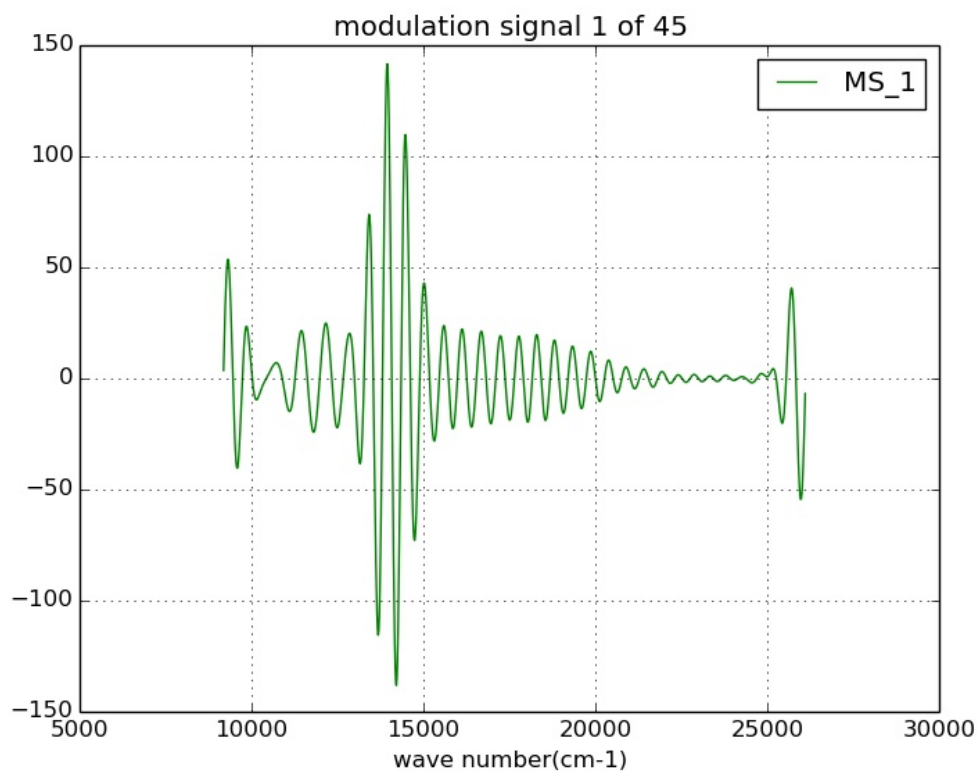
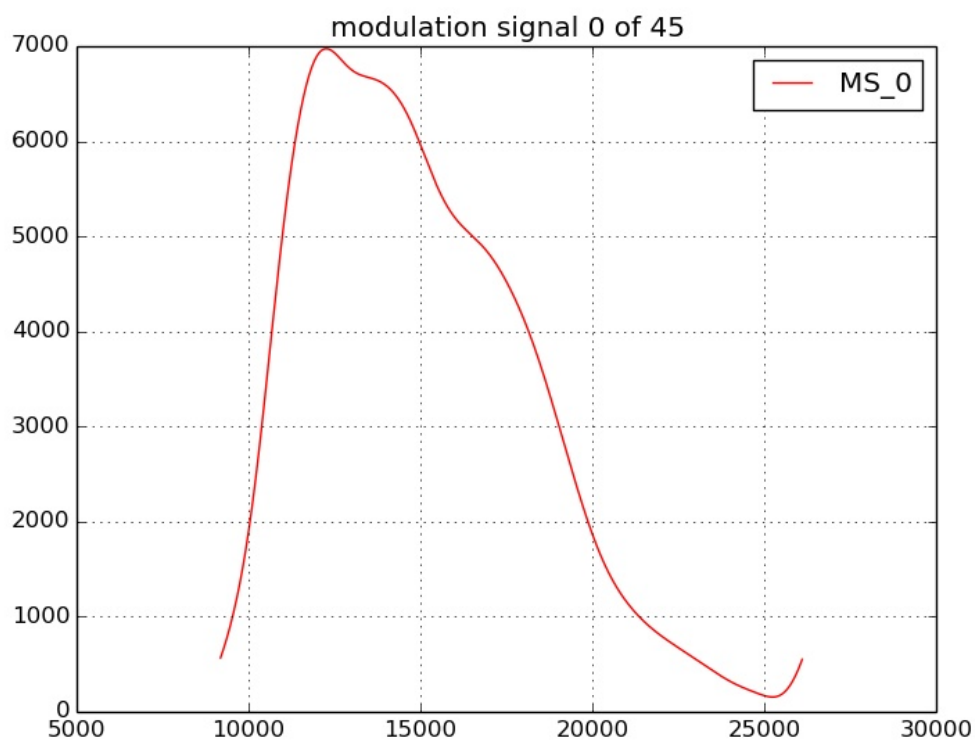
II. Measured Data & FFT

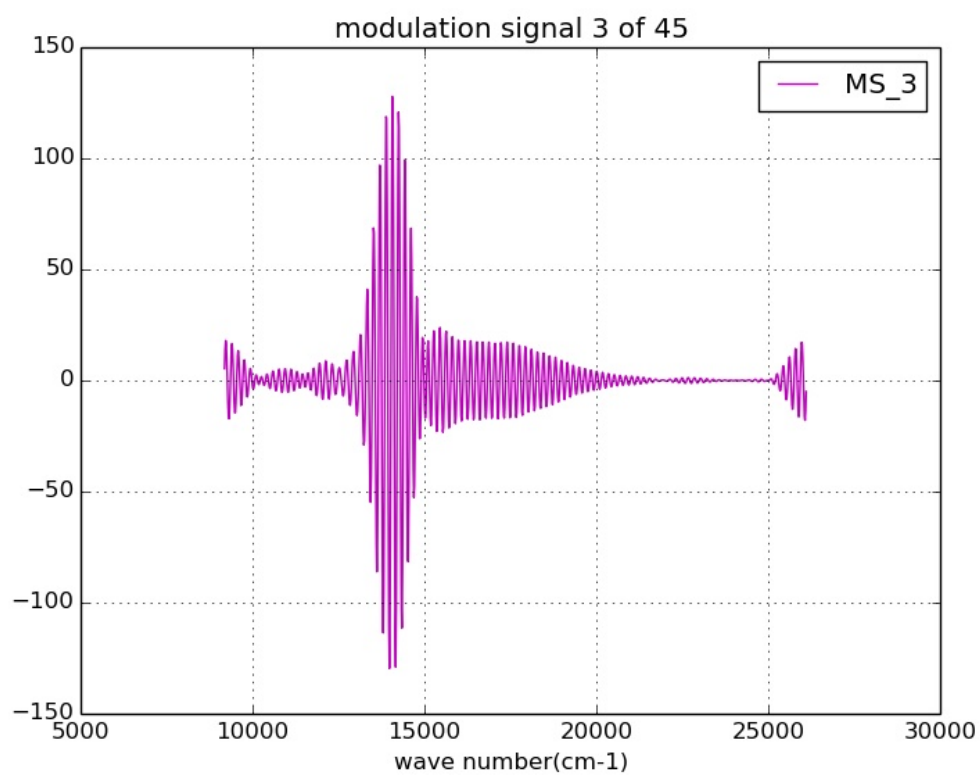
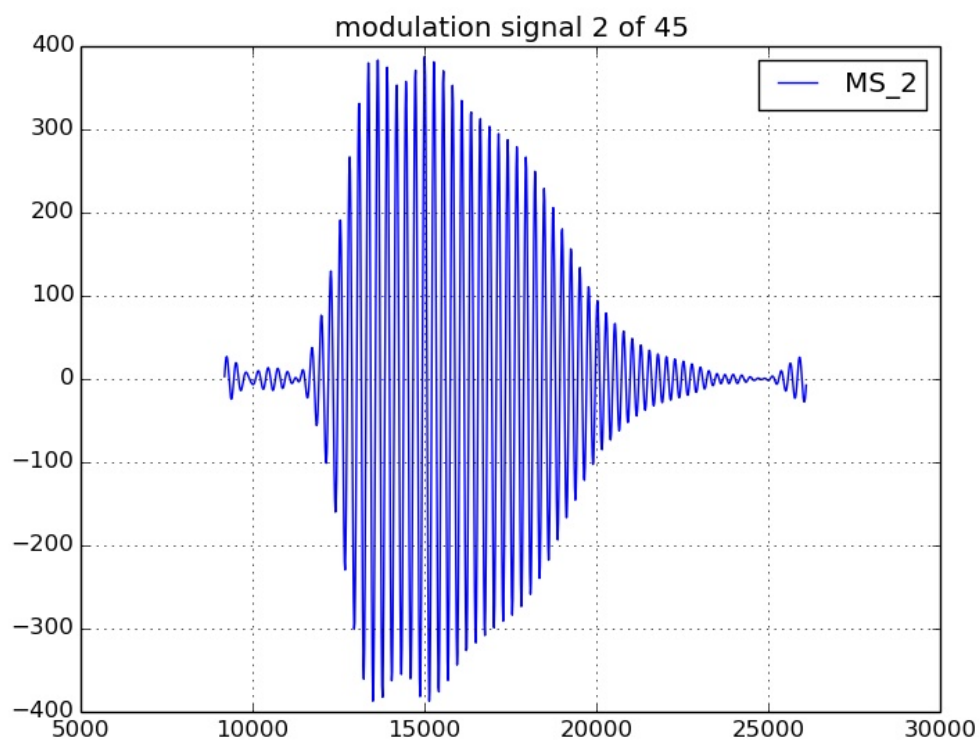
The data is derived from the file '45', and each fft channel has been filtered.



III. Modulation Signals

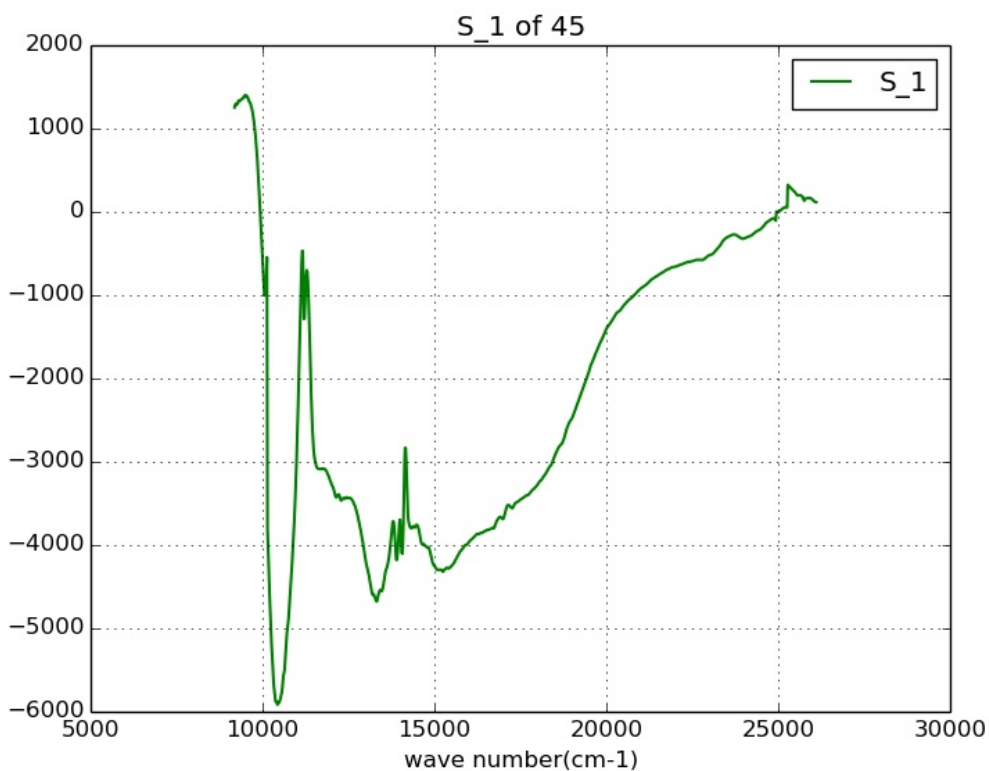
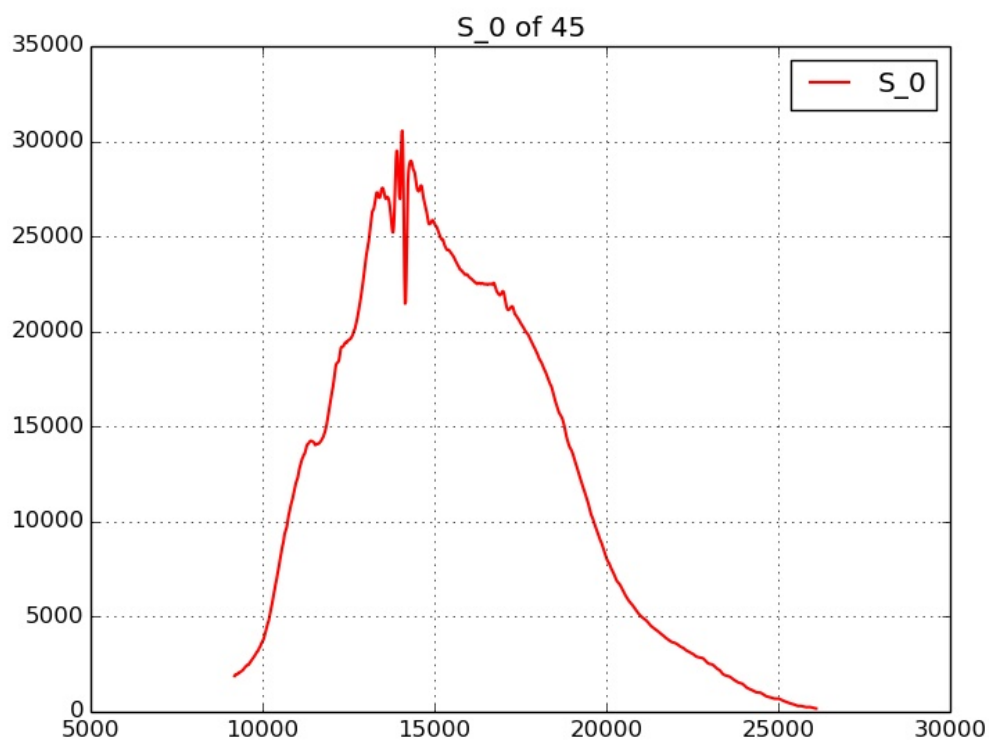
These signals are derived by ifft on the corresponding channel.

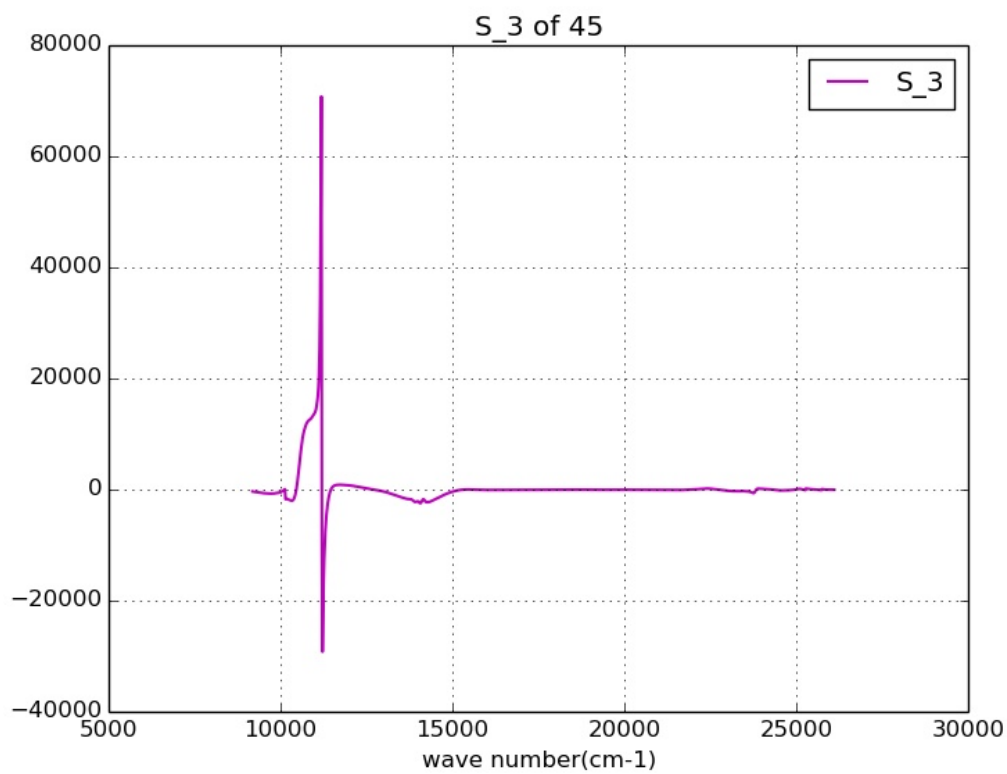
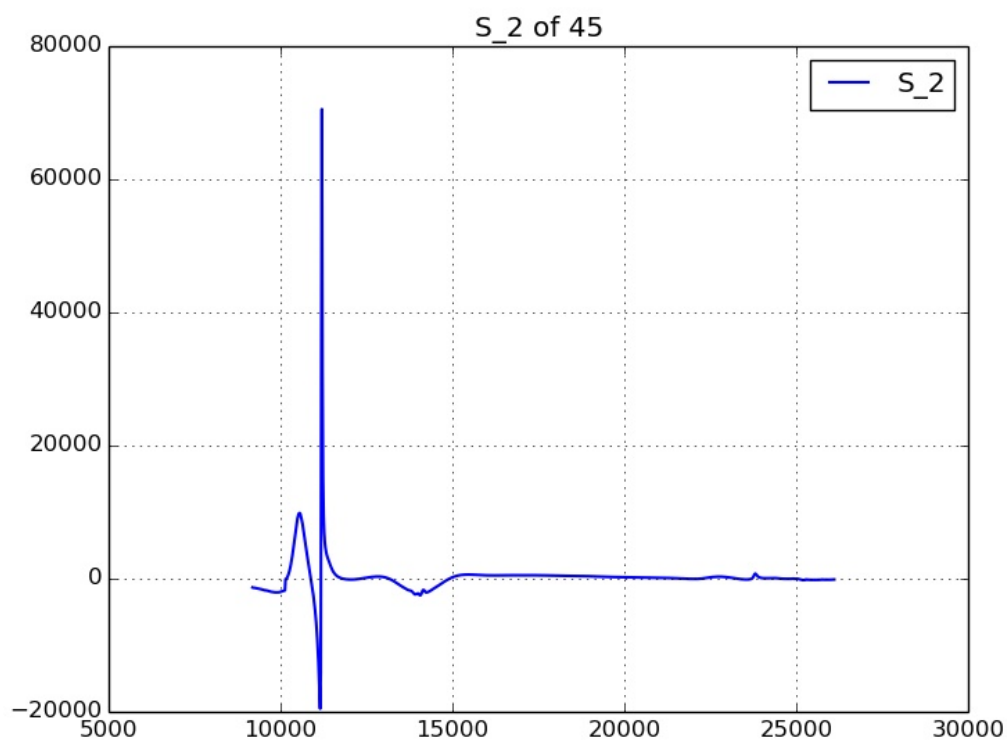




IV. Stokes Vectors

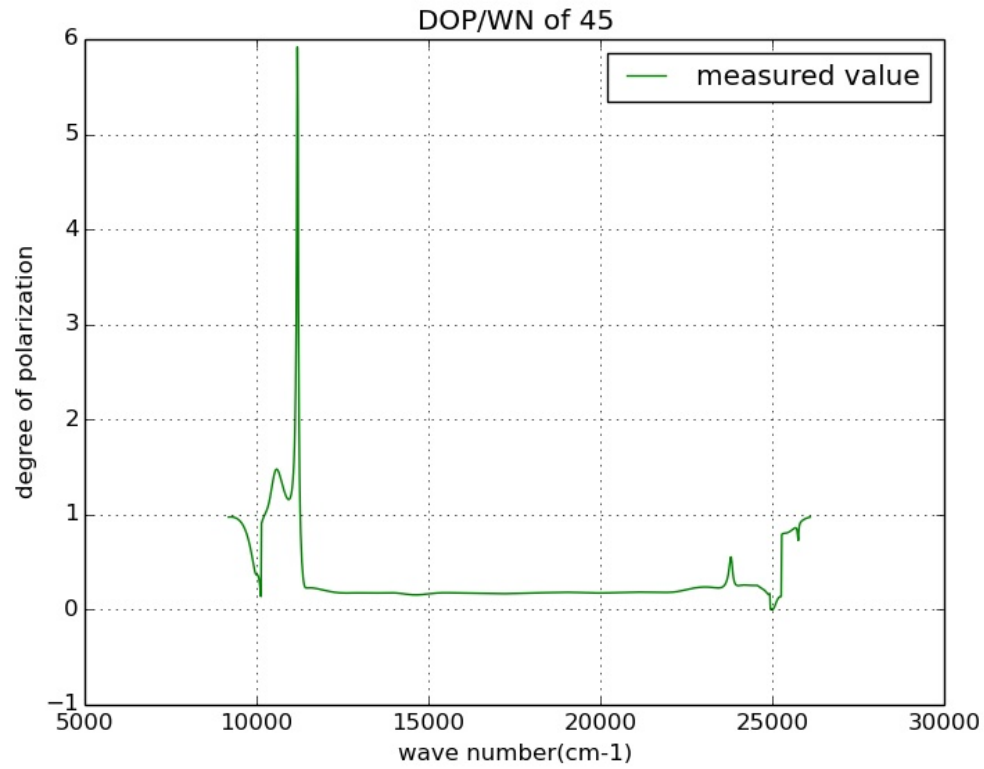
This can be figured out using modulation signals and modulation factors.





IV. Degree of Polarization

This was figured out using four Stokes vectors.



V. Data Analysis

This was automatically generated by program.

-The number of the peaks recognized in `FFT` datagram:

16 peaks

-The range of the peaks recognized in `FFT` datagram:

```
[0] -0.000916141770159~ 0.000916141770159
[1] 0.000916141770159 ~ 0.00274842531048
[2] 0.00280753123113 ~ 0.00463981477145
[3] 0.00463981477145 ~ 0.00647209831177
[4] 0.0540523644394 ~ 0.0558846479797
[5] 0.0558846479797 ~ 0.05771693152
[6] 0.057805590401 ~ 0.0595787680206
[7] 0.0595787680206 ~ 0.0613519456403
[8] -0.000916141770159~ 0.000916141770159
[9] 0.000916141770159 ~ 0.00274842531048
[10] 0.00280753123113 ~ 0.00463981477145
[11] 0.00463981477145 ~ 0.00647209831177
[12] 0.0540523644394 ~ 0.0558846479797
[13] 0.0558846479797 ~ 0.05771693152
[14] 0.057805590401 ~ 0.0595787680206
[15] 0.0595787680206 ~ 0.0613519456403
```