

# Analysis Report

for data '45`C spec'

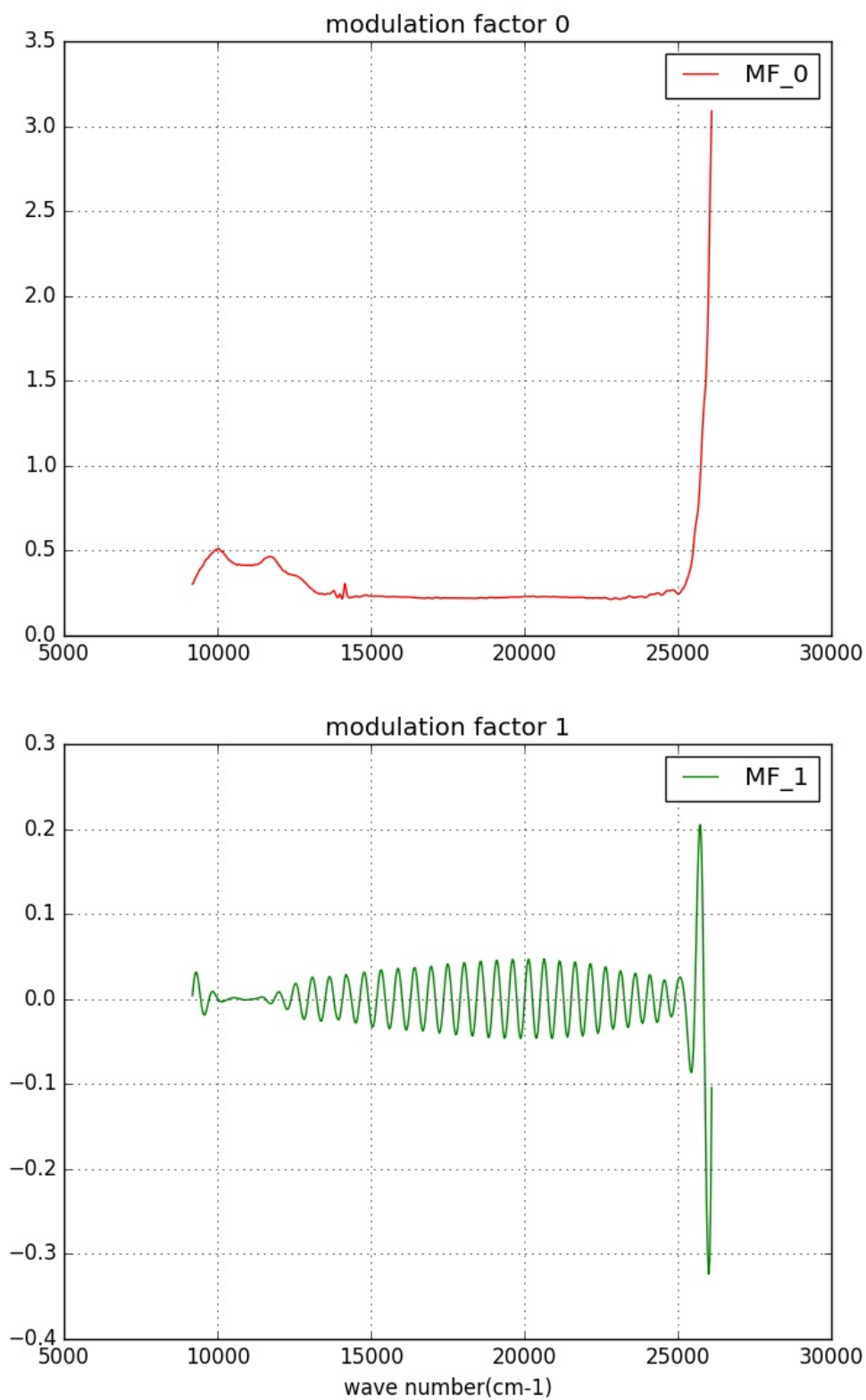
author: ycroft

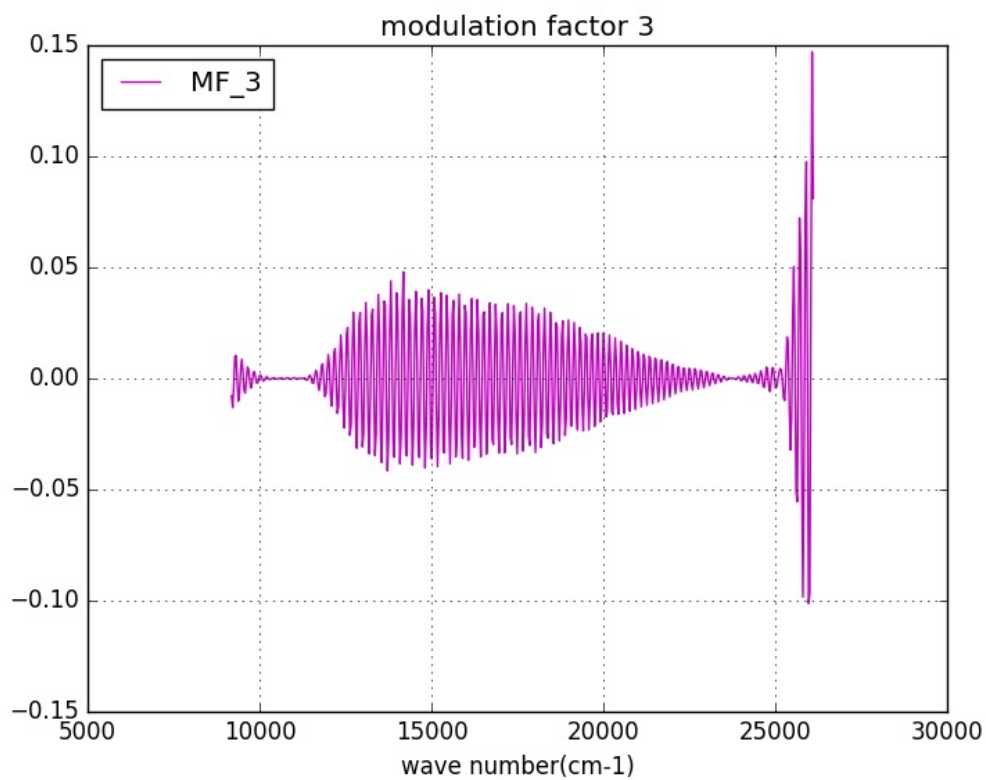
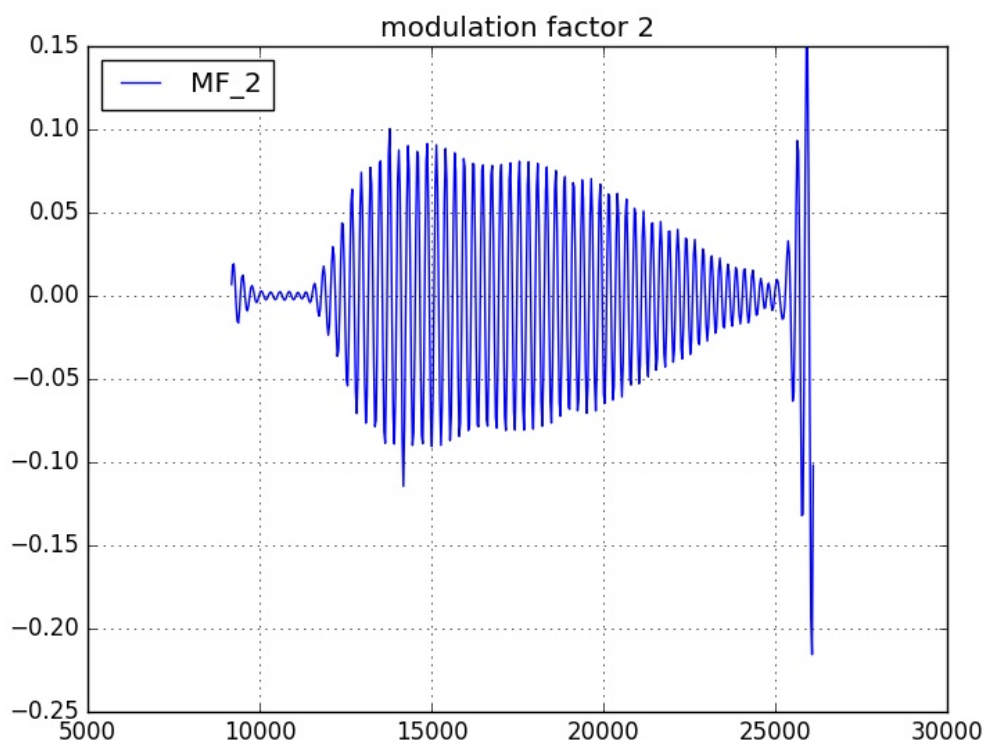
date: Sat, Jun 04 13:42

version: v0.1

## I. Modulation Factors

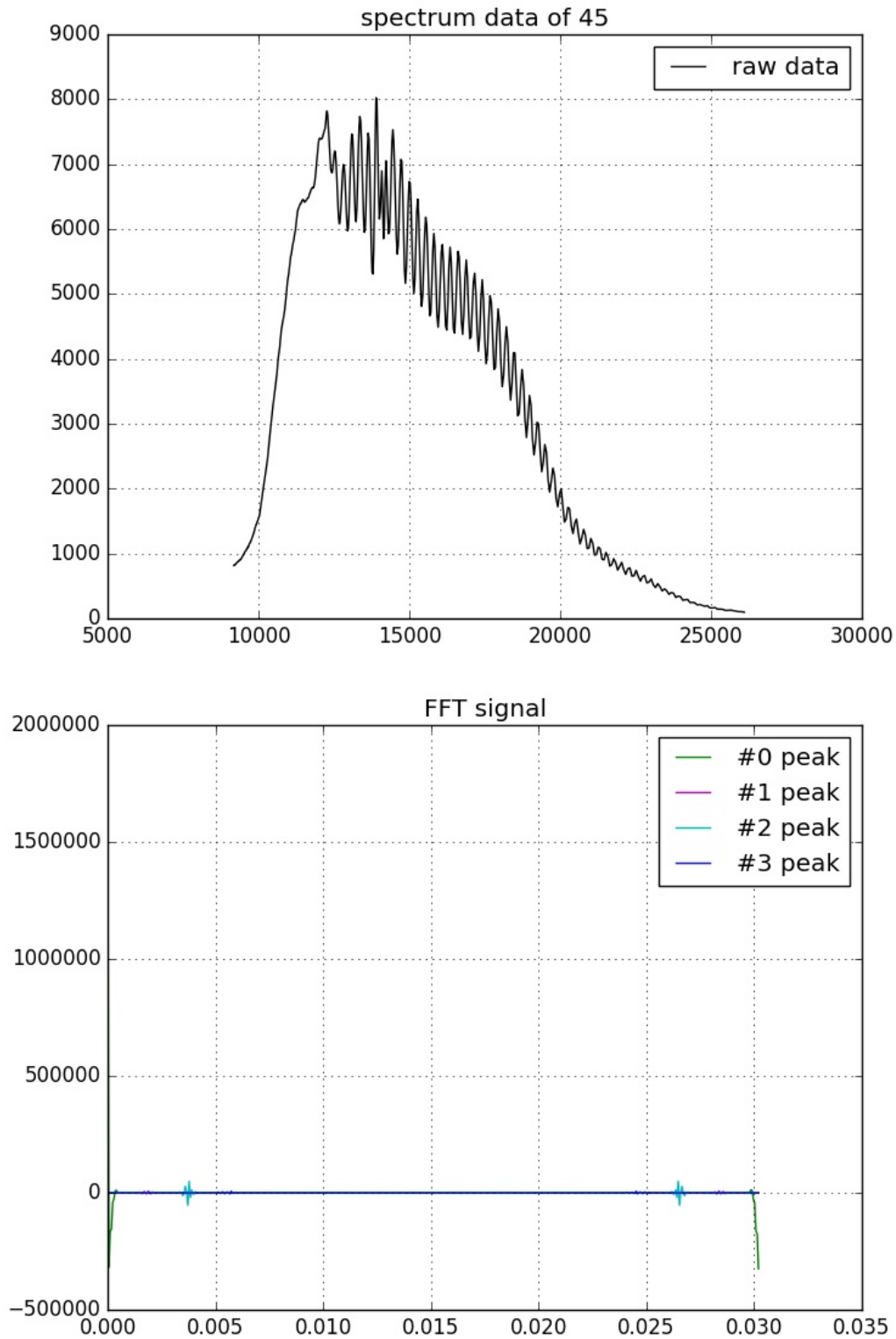
These factors are derived from the file 'refer'





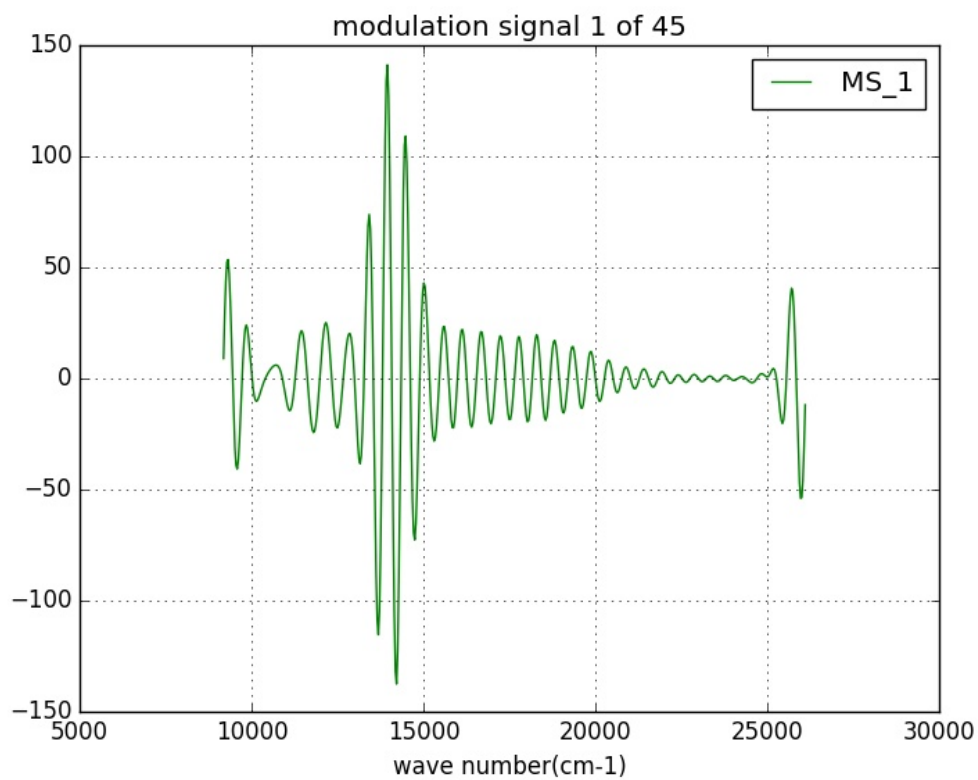
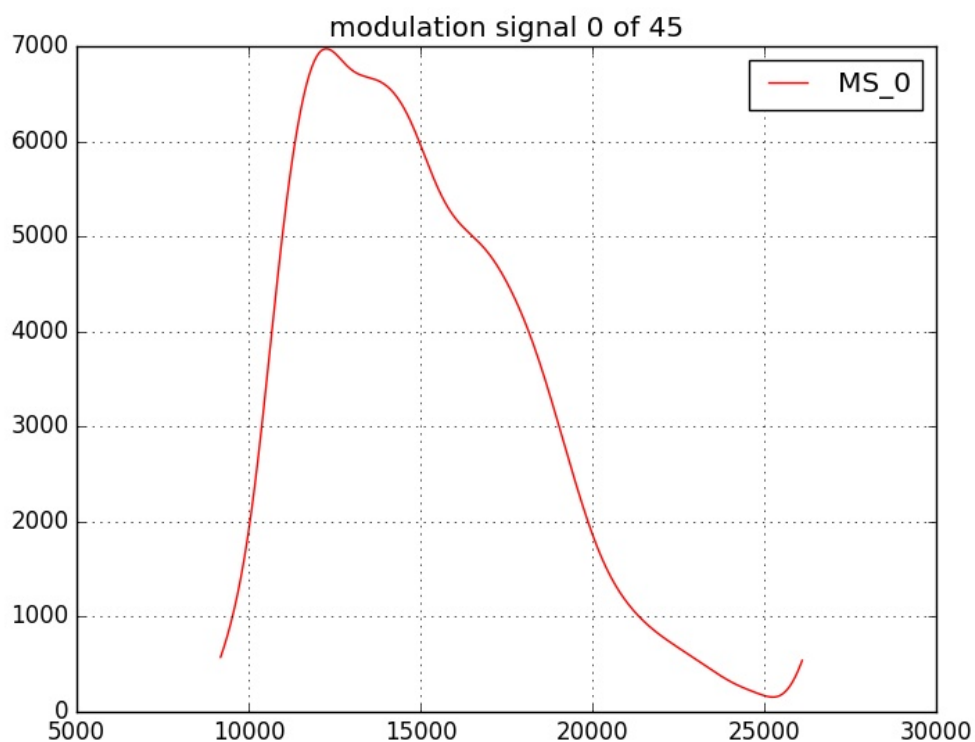
## II. Measured Data & FFT

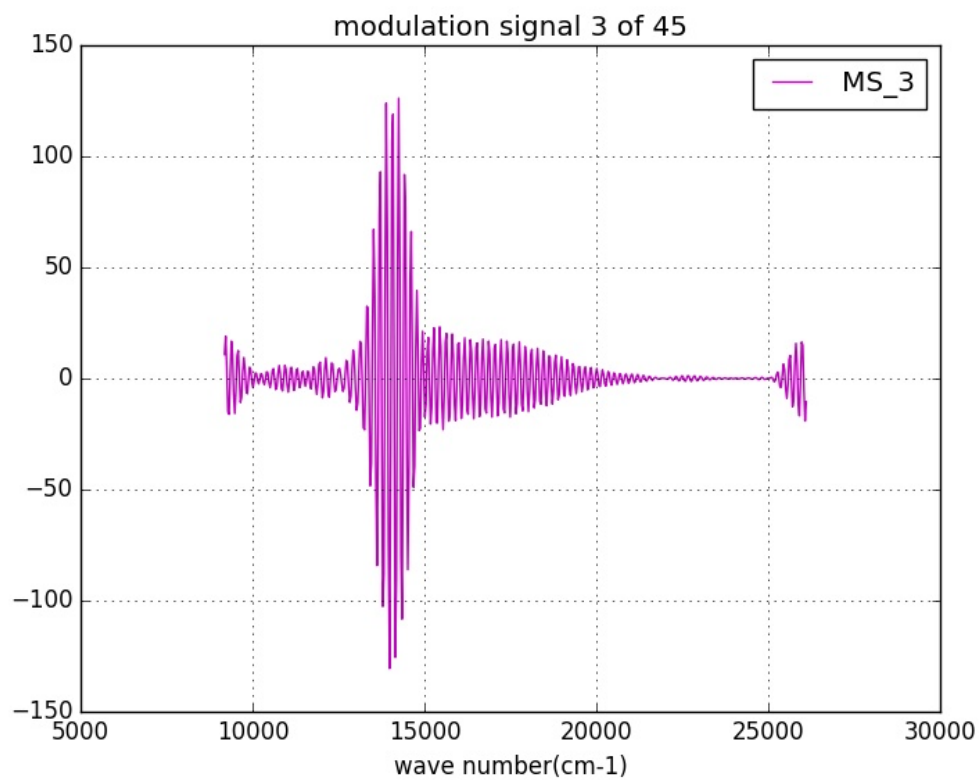
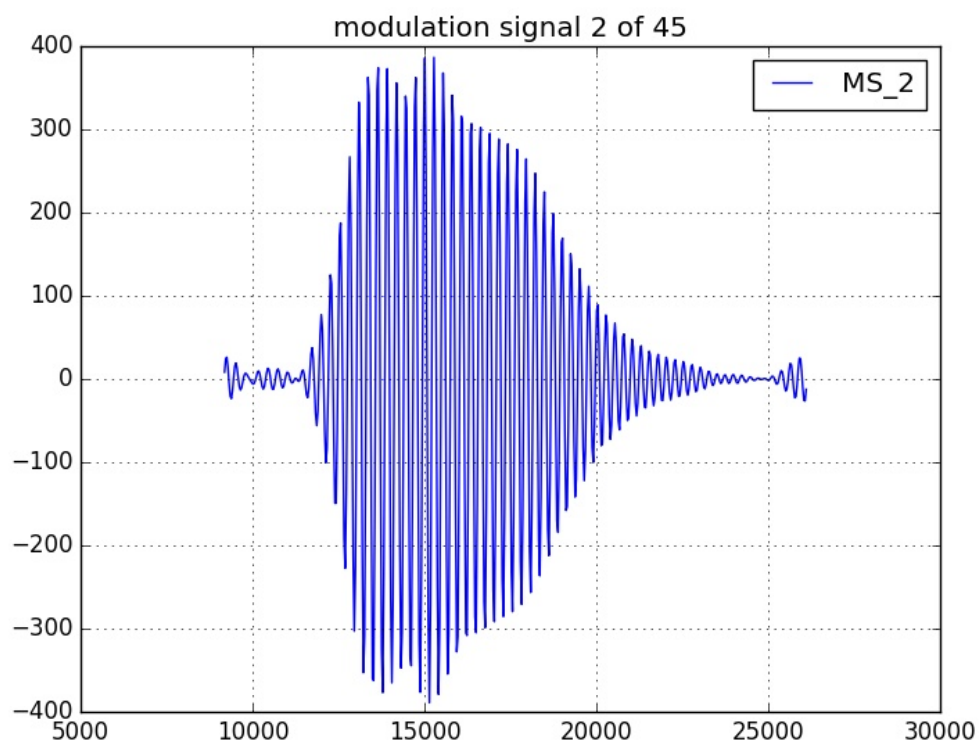
The data is derived from the file '45', and each fft channel has been filtered.



### III. Modulation Signals

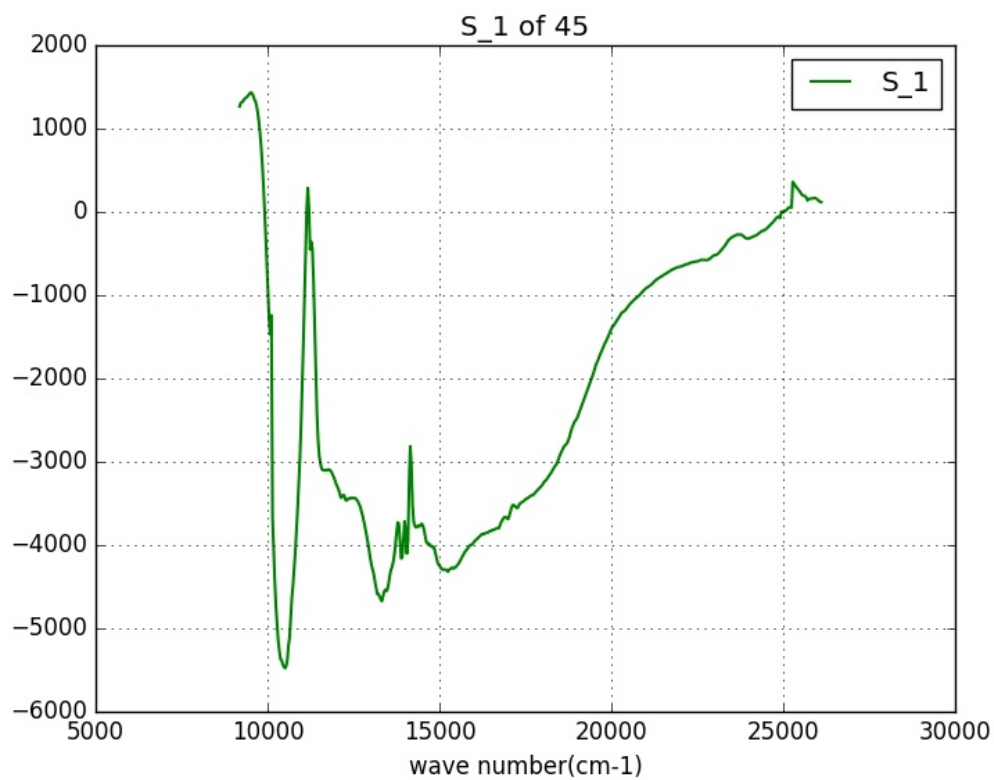
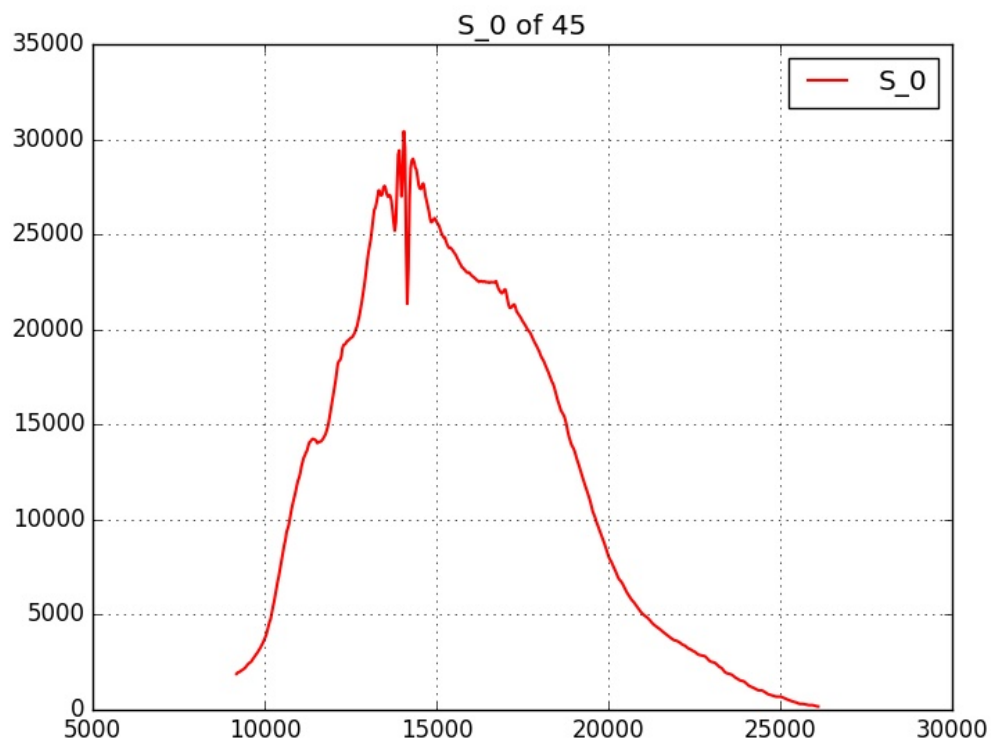
These signals are derived by ifft on the corresponding channel.

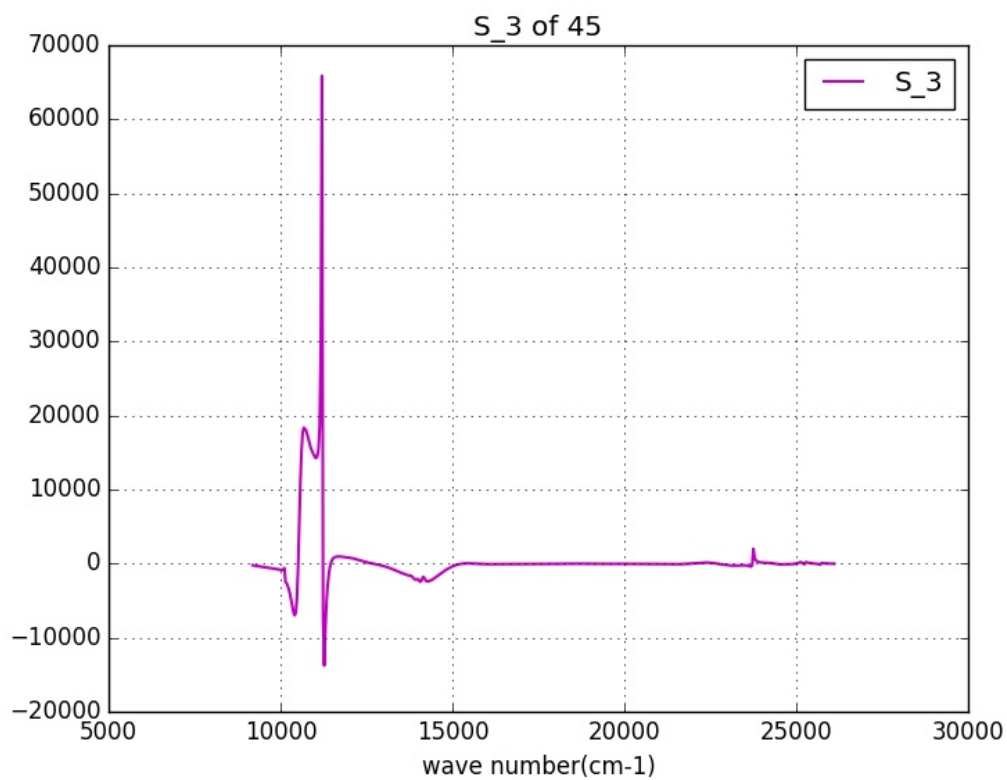
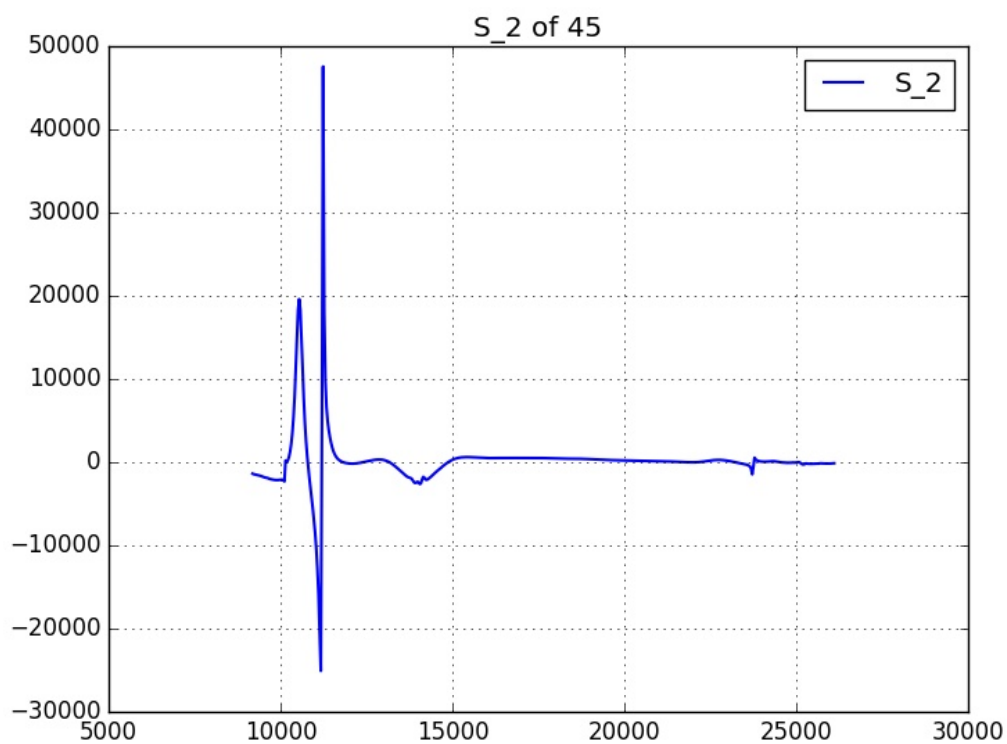




## IV. Stokes Vectors

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

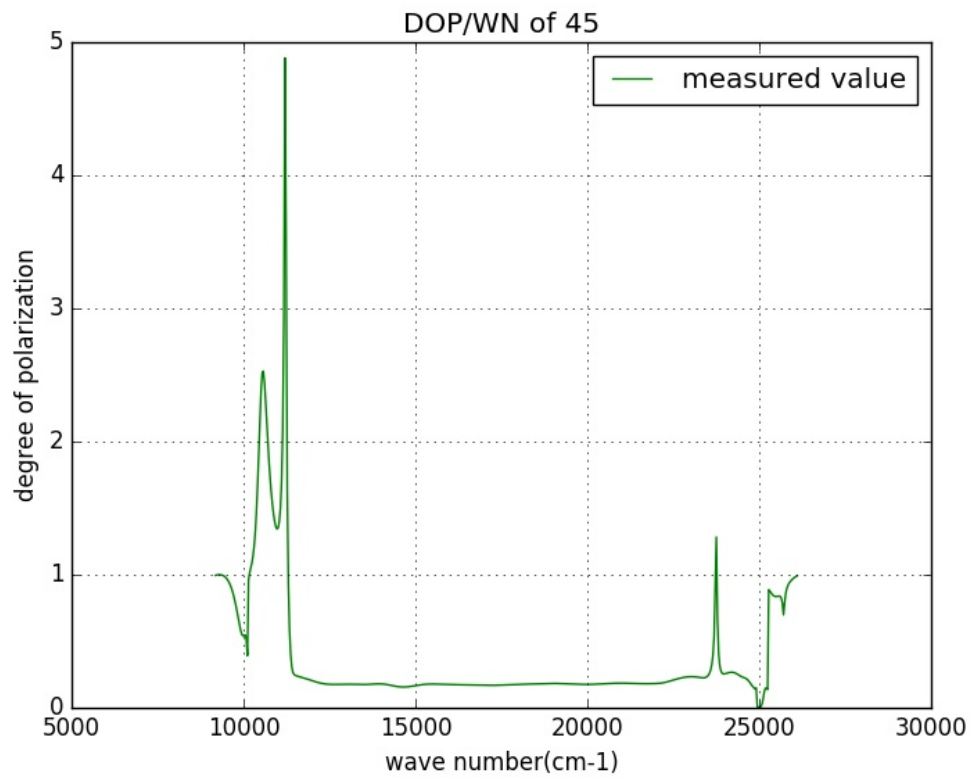






## IV. Degree of Polarization

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] 0.0027779782708 ~ 0.00466936773178
[3] 0.00466936773178 ~ 0.00656075719275
[4] 0.0237014741828 ~ 0.0255928636438
[5] 0.0255928636438 ~ 0.0274842531048
[6] 0.0275433590254 ~ 0.0293165366451
[7] 0.0293165366451 ~ 0.0310897142647
[8] -0.000916141770159~ 0.000916141770159
[9] 0.000916141770159 ~ 0.00274842531048
[10] 0.0027779782708 ~ 0.00466936773178
[11] 0.00466936773178 ~ 0.00656075719275
[12] 0.0237014741828 ~ 0.0255928636438
[13] 0.0255928636438 ~ 0.0274842531048
[14] 0.0275433590254 ~ 0.0293165366451
[15] 0.0293165366451 ~ 0.0310897142647
```