Appendix IV:

^{119}Sn NMR

Spectra

Of

Ligands

And

Complexes

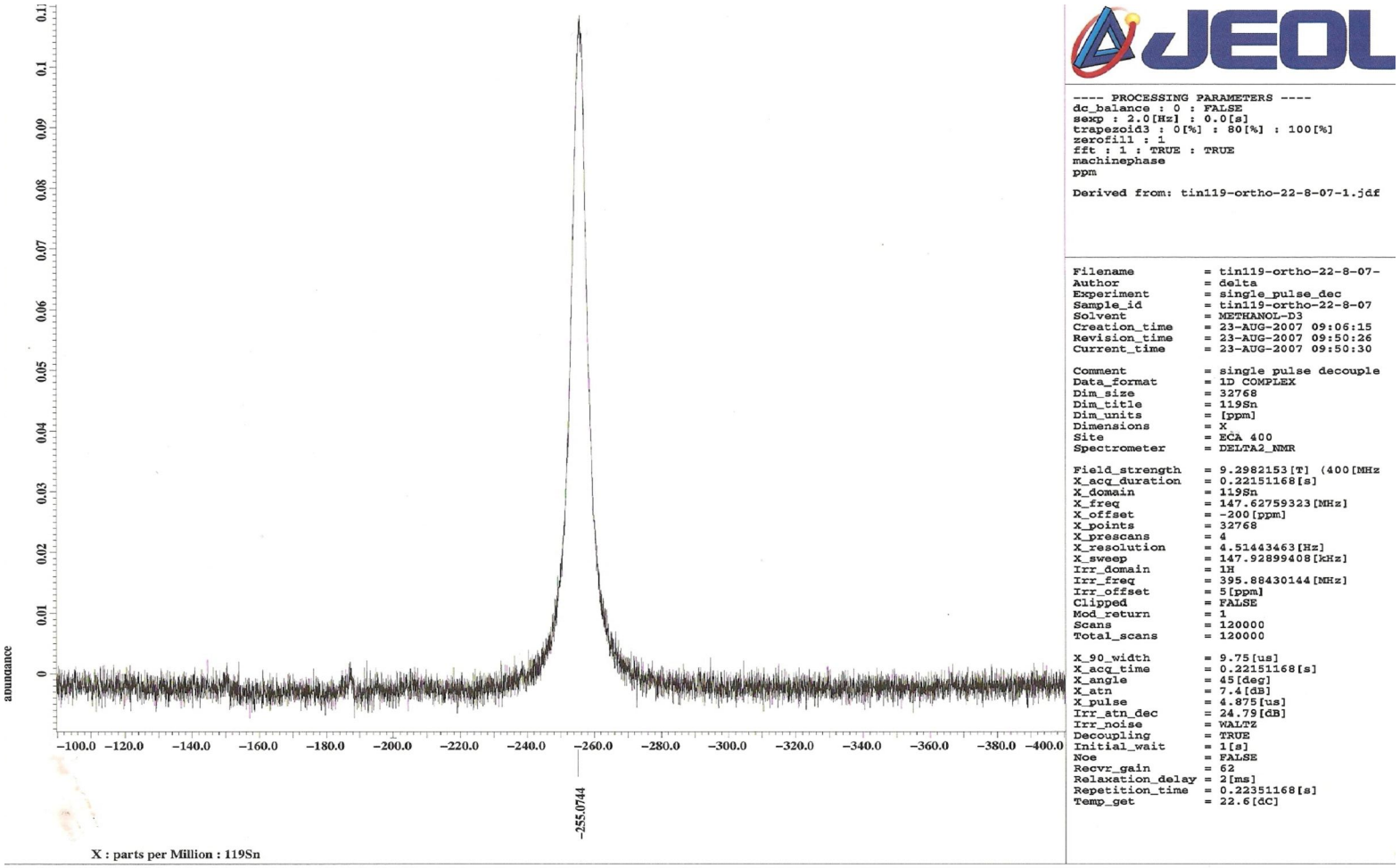

Figure41.^{119}Sn NMR spectrum of dibutyltin(IV) bis(o- hydroxybenzoate) (in methanol-d$^{3)}$

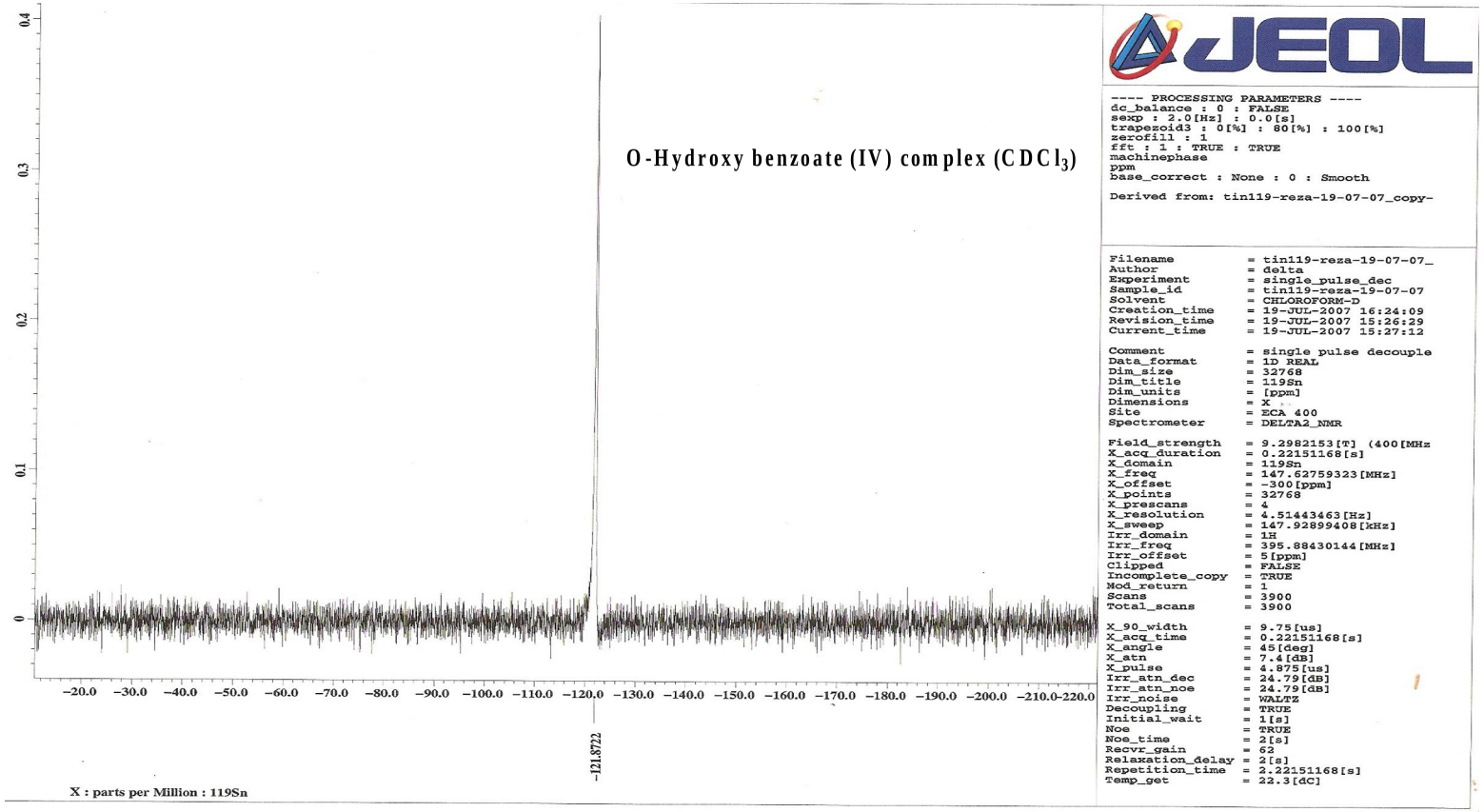

Figure42. ^{119}Sn NMR spectrum of dibutyltin(IV) bis(m- hydroxybenzoate) (chloforme -d)

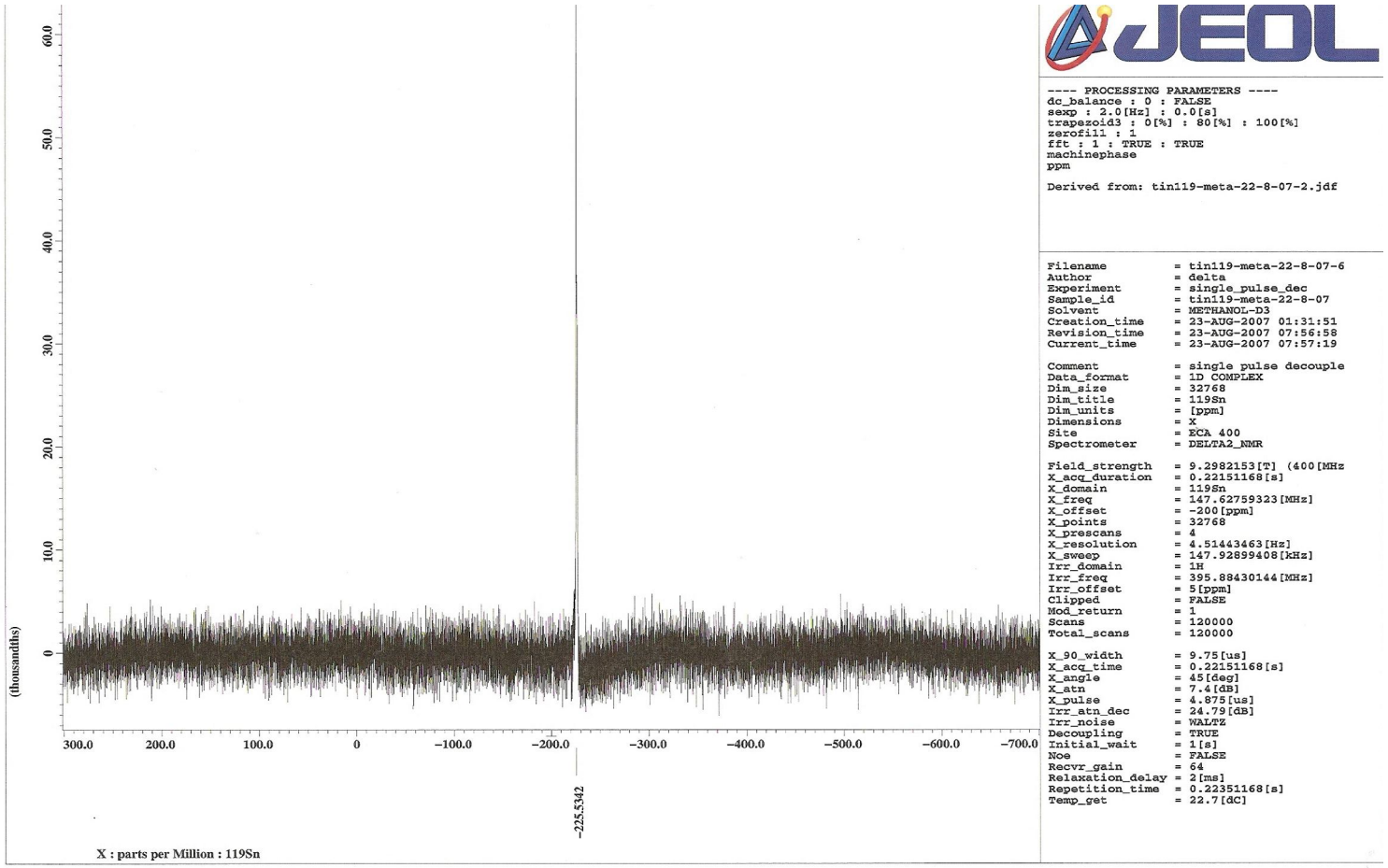

Figure 43. ^{119}Sn NMR spectum of m-hydroxyl benzoate tin(IV) complex (methanol –d^3)

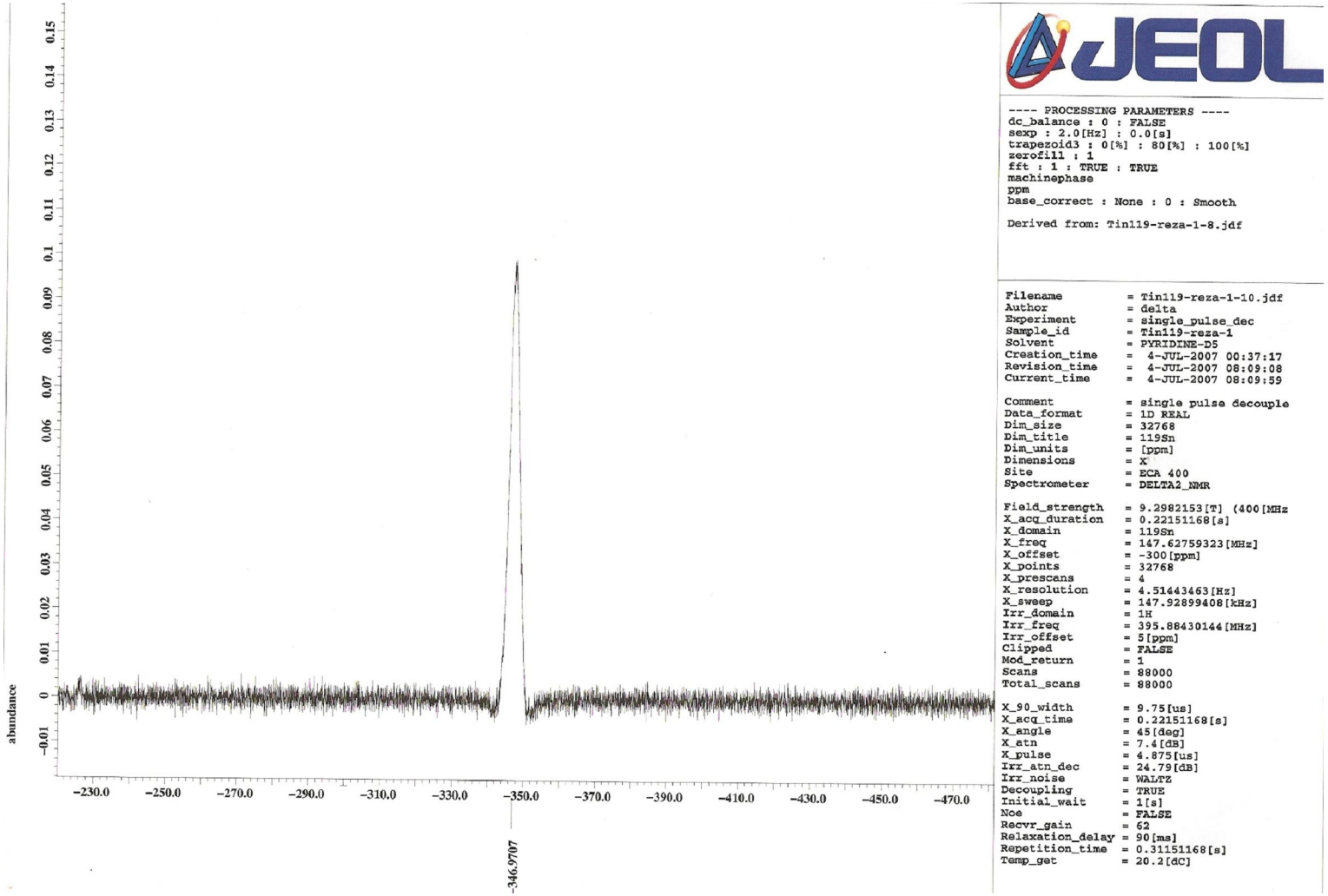

Figure 44. ^{119}Sn NMR spectrum of dibutyltin(IV) bis(o- hydroxybenzoate) (in pyridine-d^5)

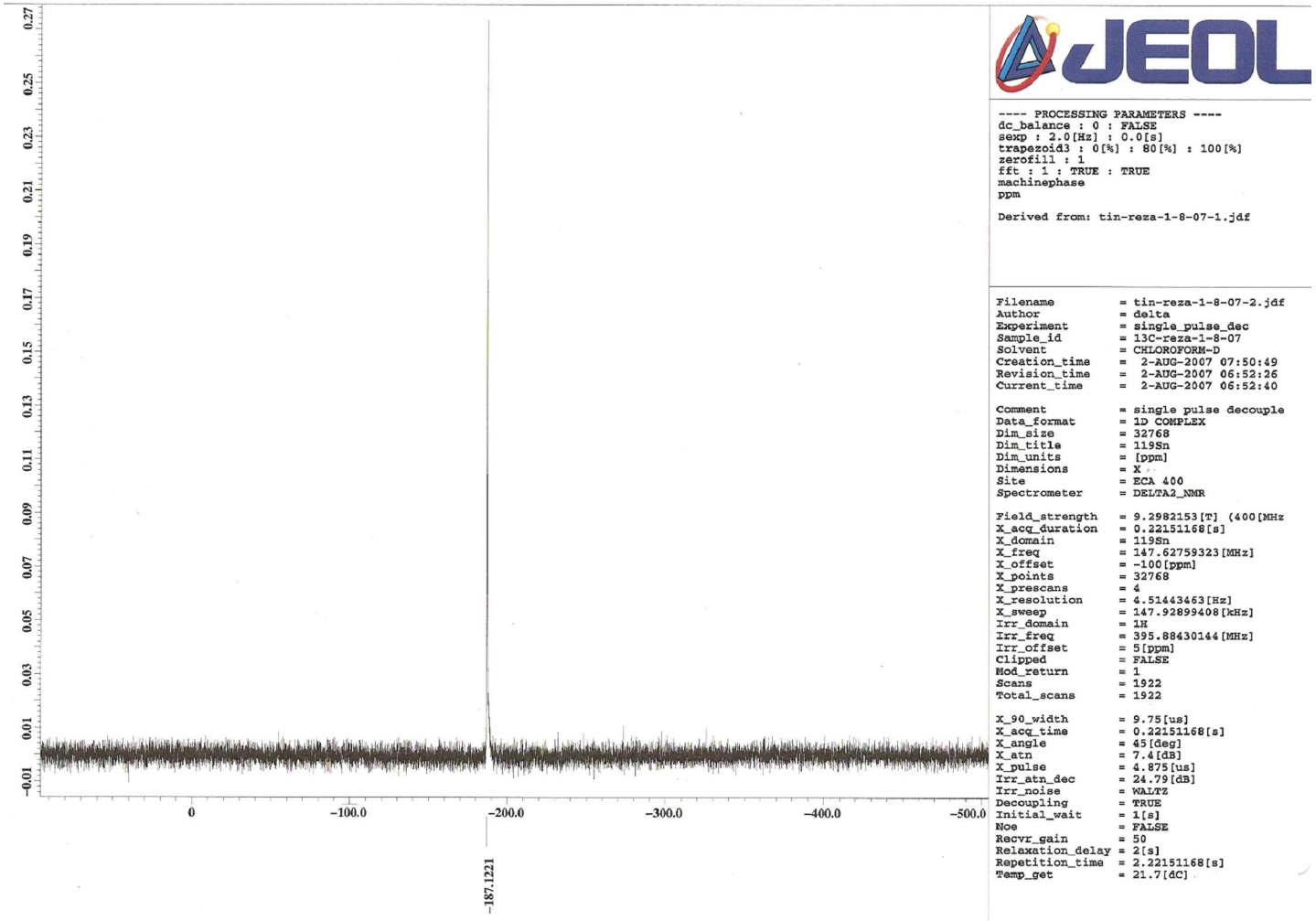

Figure45. ^{119}Sn NMR spectrum of dibutyltin(IV) [2-Salicylideniminato-2-(hydroxymethyl)-1,3-dihydrxypropane]

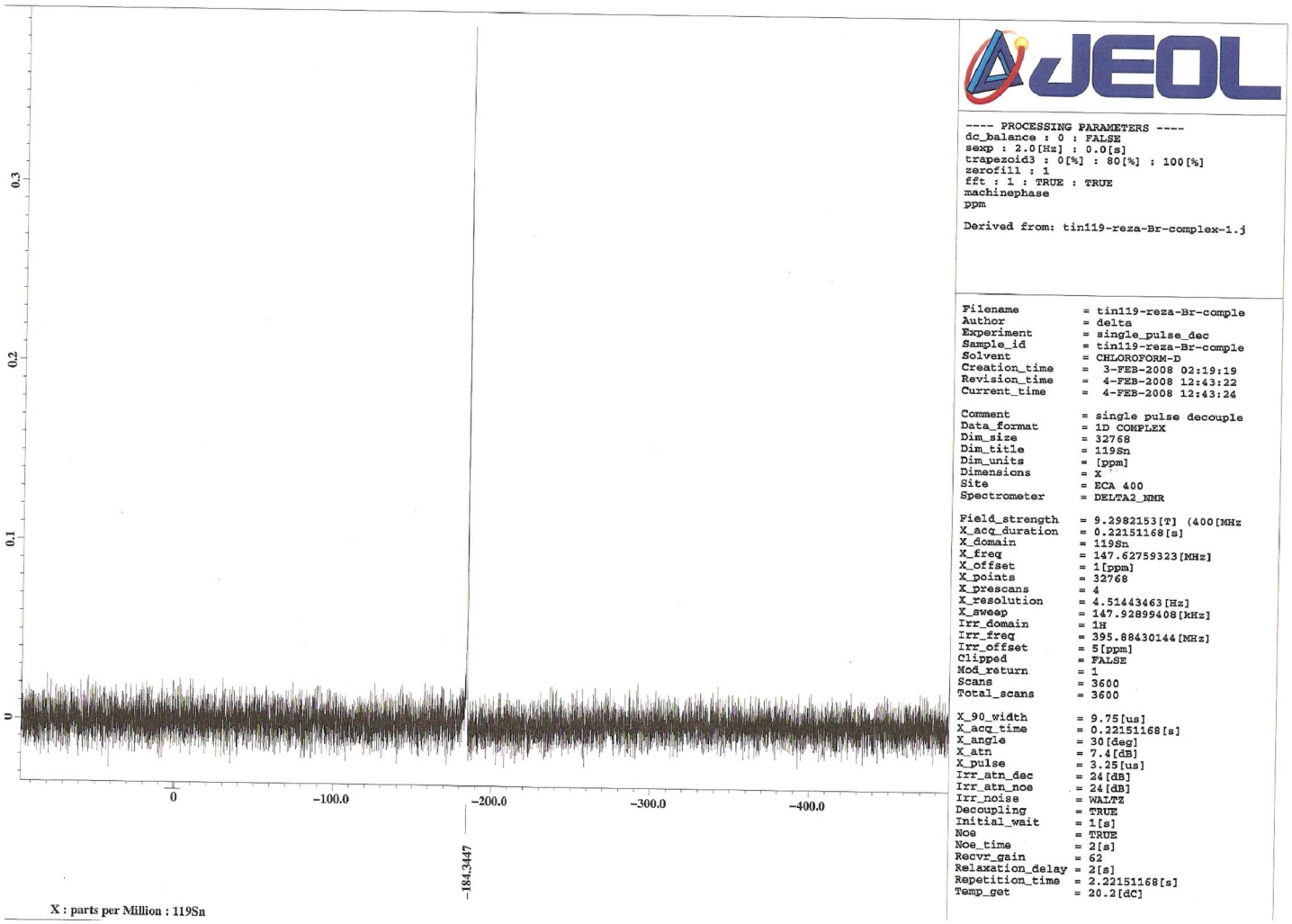

Figure46. ^{119}Sn NMR spectruma of 5-chloro dibutyltin(IV) [2-Salicylideniminato-2-(hydroxymethyl)-1,3-dihydrxypropane] (in chloform-d)

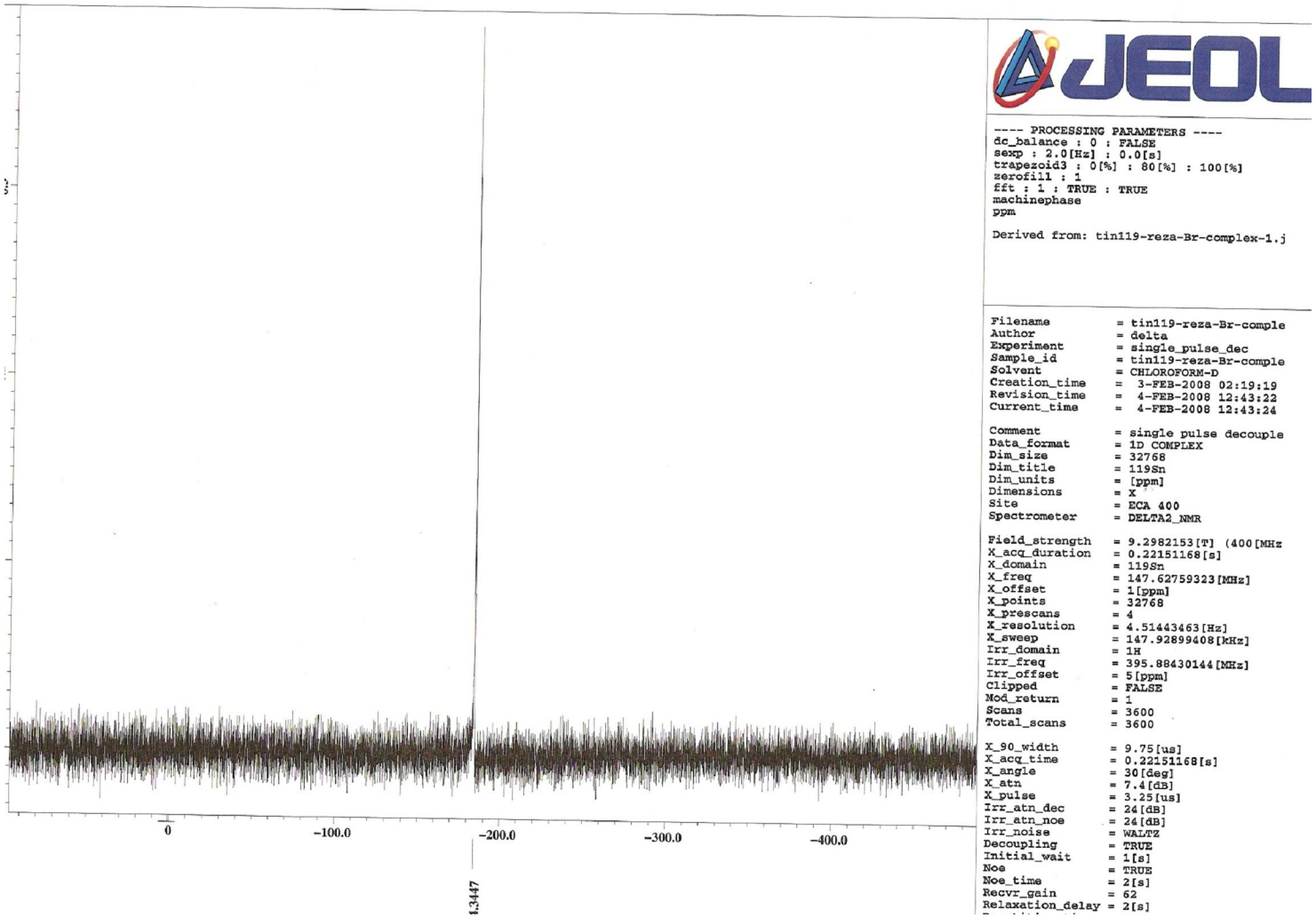

Figure47. ^{119}Sn NMR spectra of dibutyltin(IV) 5-bromo [2-Salicylideniminato-2-(hydroxymethyl)-1,3-dihydrxypropane] (chloform-d)