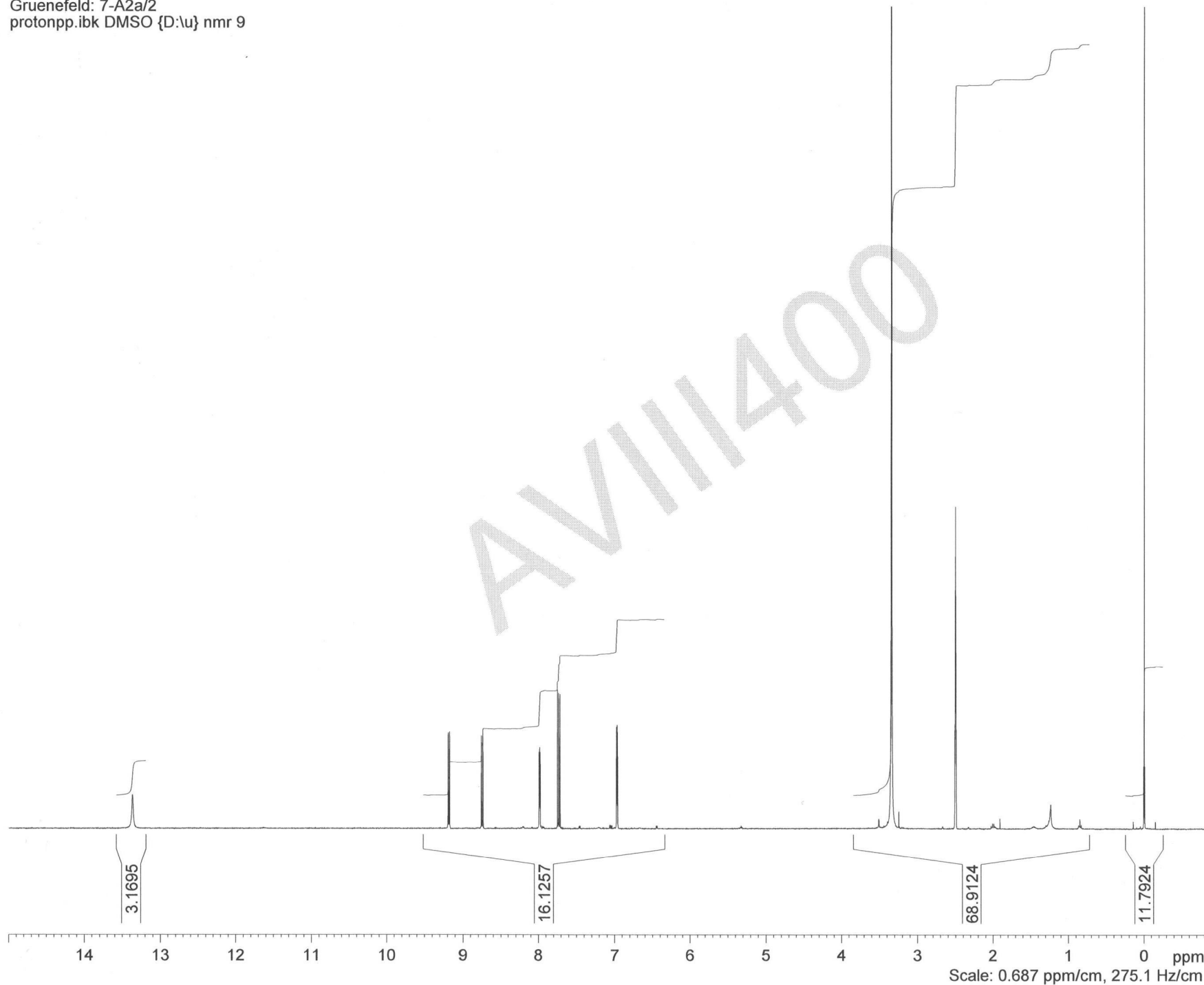


Exp. 1H
Gruenefeld: 7-A2a/2
protonpp.ibk DMSO {D:\u} nmr 9

NAME grj132250_pk
EXPNO 1
PROCNO 1
Date_ 20170221
Time_ 9.55
INSTRUM AVIII400
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 64
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 322
DW 60.800 usec
DE 6.50 usec
TE 295.8 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.33 usec
PL1 -4.00 dB
SFO1 400.4024726 MHz
SI 32768
SF 400.4000046 MHz
SR 4.55 Hz
WDW EM
SSB 0
LB 0.00 Hz
GB 0
PC 1.40
F1P 13.000 ppm
F2P -0.800 ppm



Exp. 13C-CPD
Grünefeld: 7-Aza/2-3
c13cpd.ibk DMSO {D:\u} nmr 1

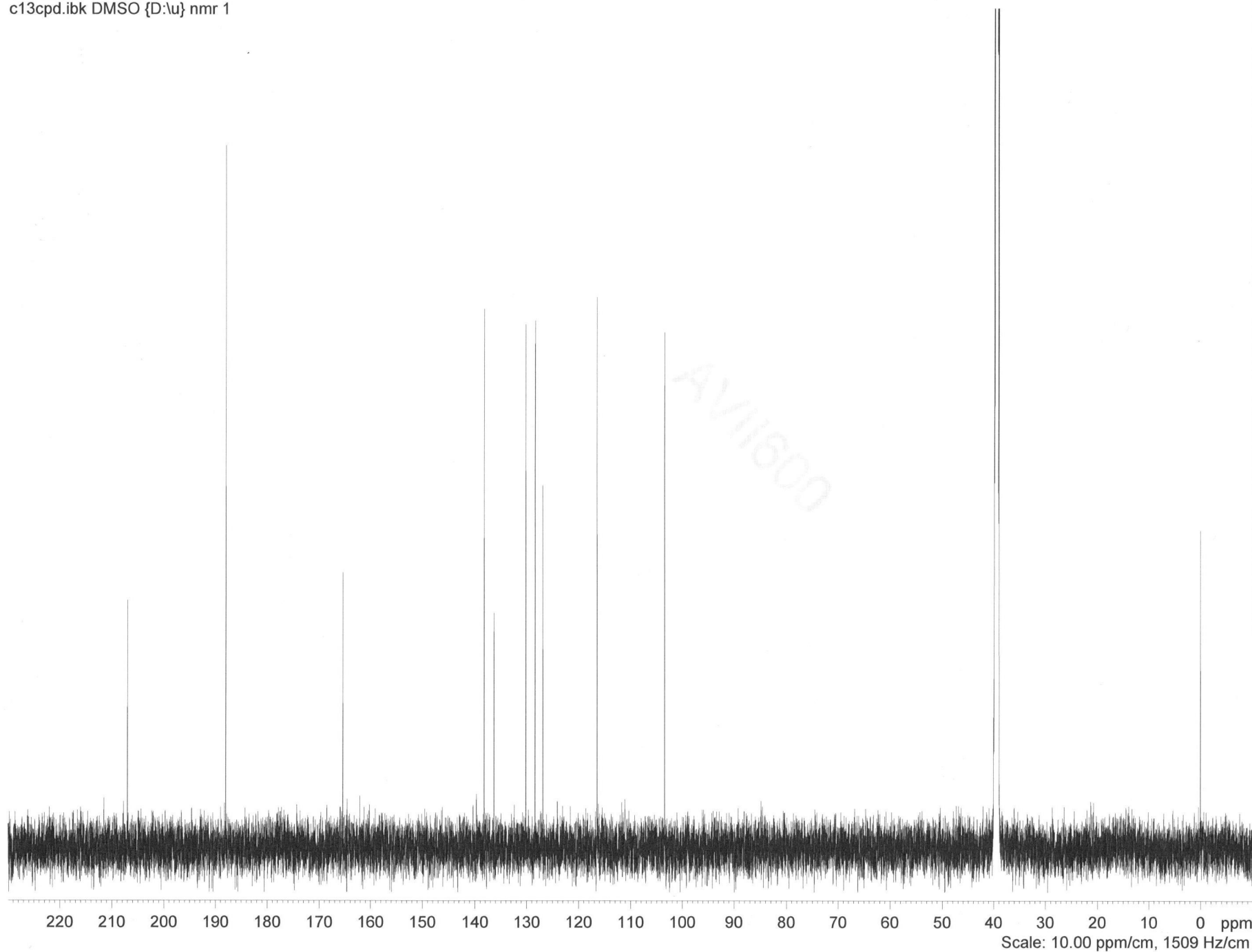
Current Data Parameters
NAME grj132906_pk
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20170509
Time 13.55
INSTRUM av600
PROBHD 5 mm CPTCI 1H-
PULPROG zgpg30
TD 196608
SOLVENT DMSO
NS 256
DS 4
SWH 39682.539 Hz
FIDRES 0.201836 Hz
AQ 2.4772608 sec
RG 40.3
DW 12.600 usec
DE 18.00 usec
TE 303.4 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

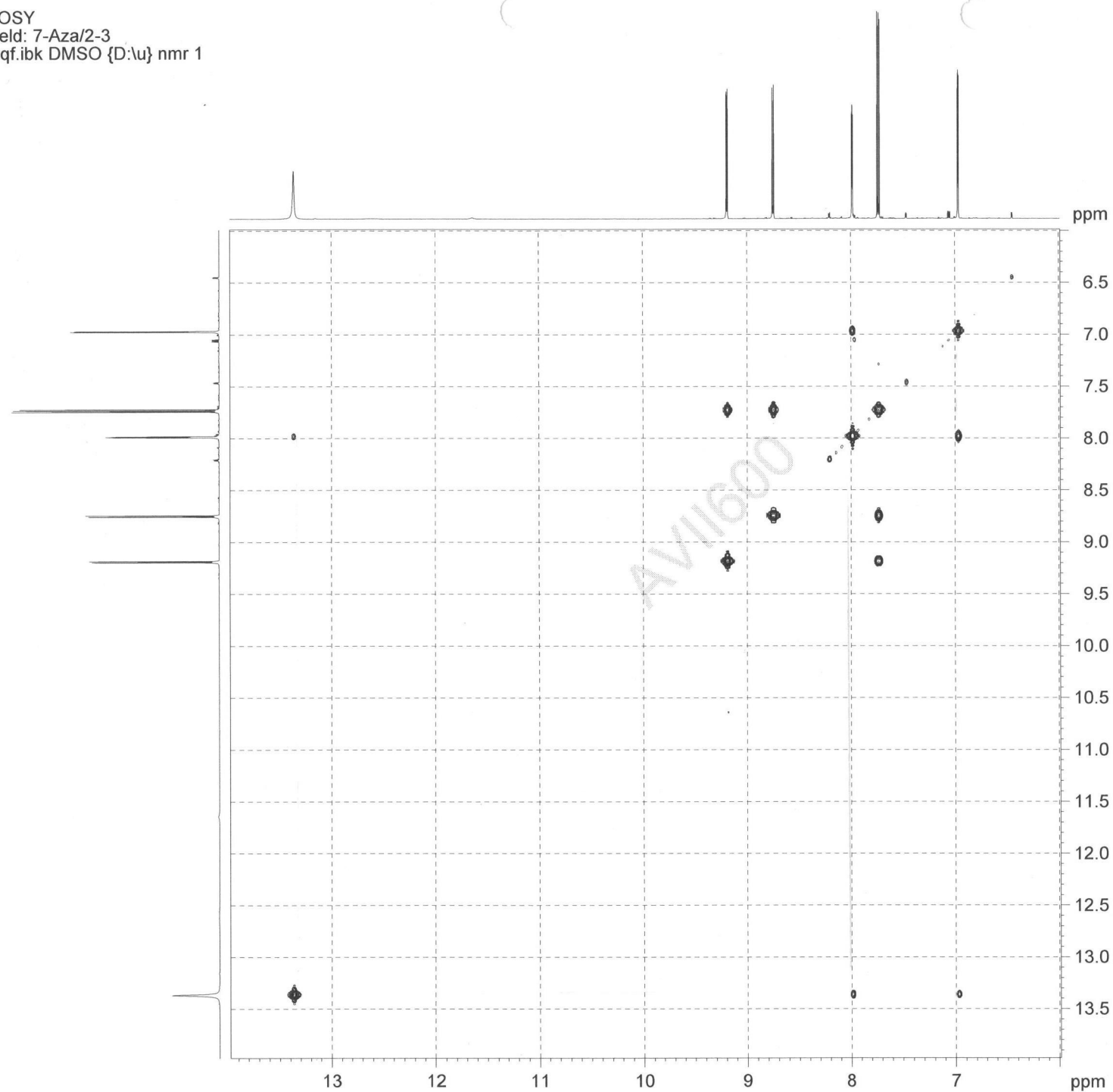
===== CHANNEL f1 =====
SFO1 150.9195568 MHz
NUC1 13C
P1 13.10 usec
PLW1 71.87300110 W

===== CHANNEL f2 =====
SFO2 600.1324005 MHz
NUC2 1H
CPDPRG[2] waltz16
PCPD2 70.00 usec
PLW2 6.97440004 W
PLW12 0.10284000 W
PLW13 0.05039000 W

F2 - Processing parameters
SI 131072
SF 150.9028828 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40
HZpPT 0.302754 Hz
SR 73.83 Hz



Exp. COSY
Grünefeld: 7-Aza/2-3
cosygpqf.ibk DMSO {D:\u} nmr 1



```
Current Data Parameters
NAME          grj132906_pk
EXPNO          9
PROCNO         1
```

```

F2 - Acquisition Parameters
Date_                20170510
Time                 11.45
INSTRUM              av600
PROBHD               5 mm CPTCI 1H-
PULPROG              cosygpgpf
TD                   1024
SOLVENT              DMSO
NS                    1
DS                    8
SWH                  4795.396 Hz
FIDRES              4.683004 Hz
AQ                   0.1067691 sec
RG                    5.6
DW                   104.267 usec
DE                   10.00 usec
TE                   303.4 K
DO                   0.00000300 sec
D1                   2.00000000 sec
D13                  0.00000400 sec
D16                  0.00020000 sec
INO                  0.00020860 sec

```

```
===== CHANNEL f1 =====
SFO1          600.1360013 MHz
NUC1          1H
P0            7.48 usec
P1            7.48 usec
PLW1          6.97440004 W
```

```
===== GRADIENT CHANNEL =====
GPNAM[1]          sine.100
GPZ1              10.00 %
P16              1000.00 usec
```

```
F1 - Acquisition parameters
TD                256
SFO1              600.136 MHz
FIDRES            18.726030 Hz
SW                7.988 ppm
FnMODE            QF
```

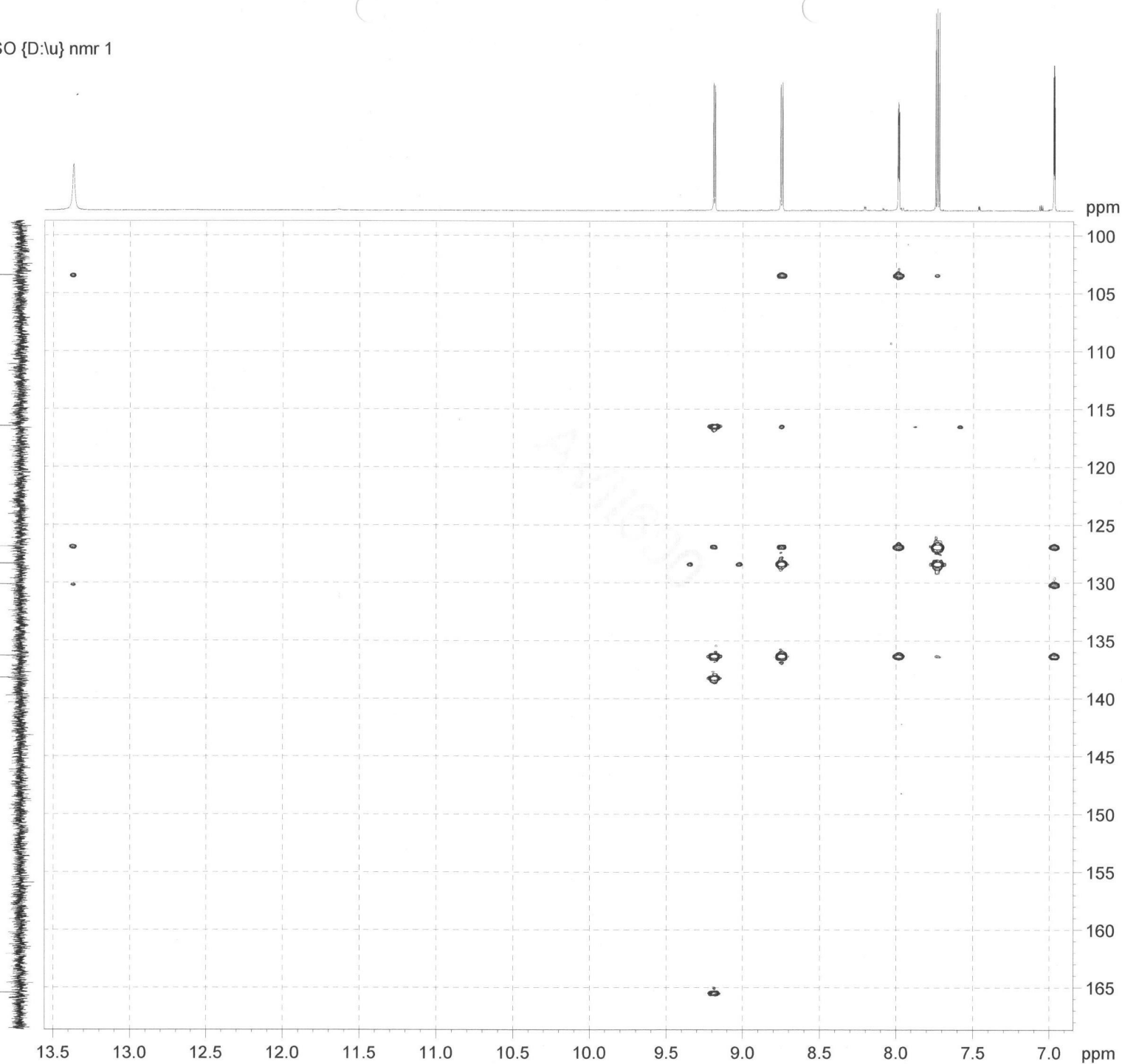
```

F2 - Processing parameters
SI                      1024
SF                      600.1300114 MHz
WDW                      SINE
SSB                      0
LB                      0 Hz
GB                      0
PC                      1.40
HZpPT                   4.683004 Hz
SR                      11.39 Hz

```

```
F1 - Processing parameters
SI                1024
MC2               QF
SF                600.1300114 MHz
WDW               SINE
SSB               0
LB                0 Hz
GB                0
```

Exp. H,C-HMBC
Grünefeld: 7-Aza/2-3
hmbcetgpl2nd.ibk DMSO {D:\u} nmr 1



Current Data Parameters
NAME grj132906_pk
EXPNO 7
PROCNO 1

F2 - Acquisition Parameters
Date_ 20170509
Time 17.09
INSTRUM av600
PROBHD 5 mm CPTCI 1H-
PULPROG hmbcetgpl2nd
TD 1024
SOLVENT DMSO
NS 4
DS 16
SWH 4795.396 Hz
FIDRES 4.683004 Hz
AQ 0.1067691 sec
RG 2050
DW 104.267 use
DE 10.00 use
TE 303.4 K
CNST6 125.0000000
CNST7 170.0000000
CNST13 8.0000000
CNST30 0.5980998
D0 0.00000300 sec
D1 1.50000000 sec
D6 0.06250000 sec
D16 0.00020000 sec
IN0 0.00002860 sec

===== CHANNEL f1 =====
SFO1 600.1360013 MHz
NUC1 1H
P1 7.48 use
P2 14.96 use
PLW1 6.97440004 W

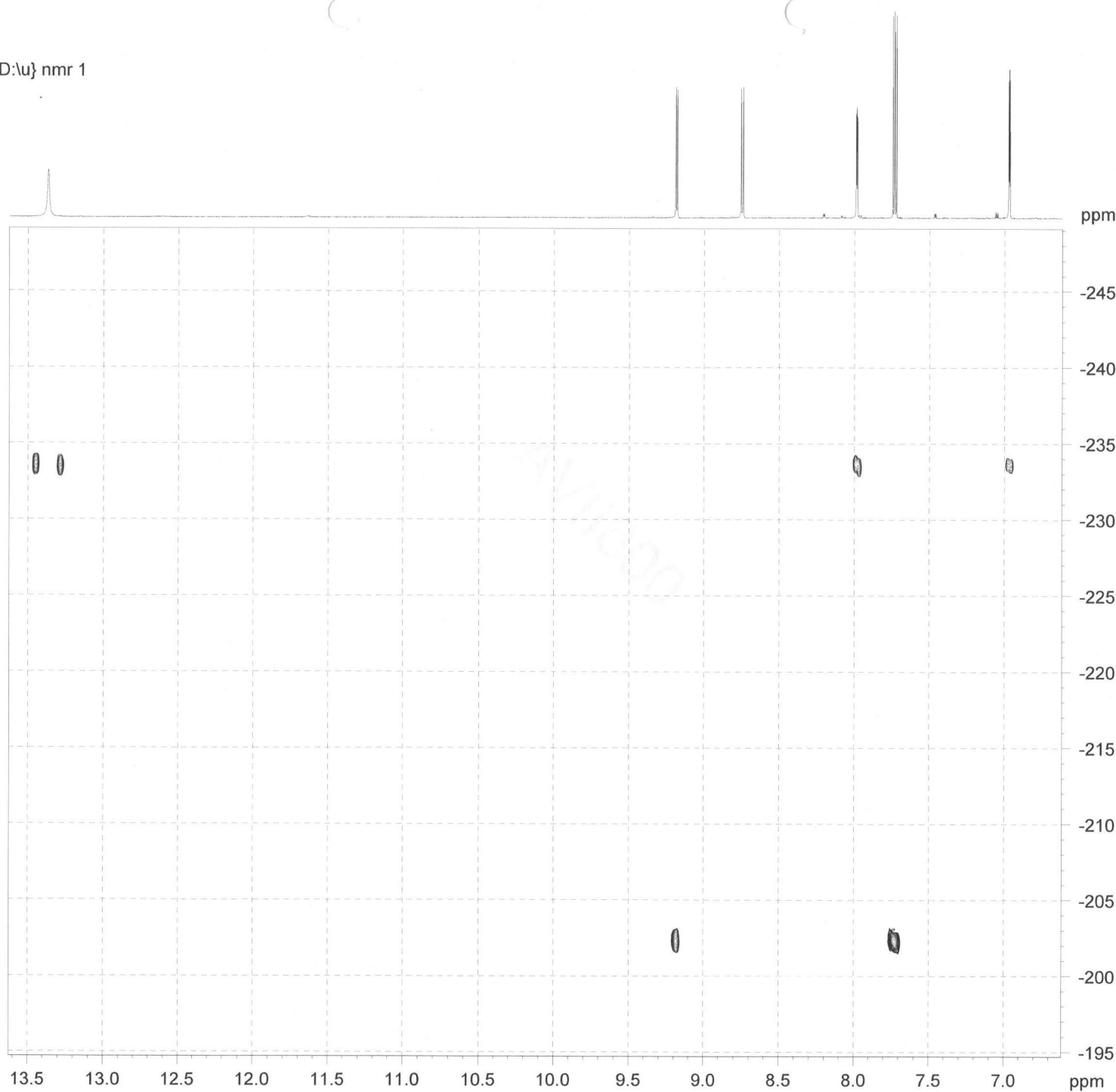
===== CHANNEL f2 =====
SFO2 150.9259727 MHz
NUC2 13C
P3 13.00 use
P24 2000.00 use
PLW2 70.07599640 W
SPNAM[7] Crp60comp.4
SPOAL7 0.500
SPOFFS7 0 Hz
SPW7 18.09399986 W

===== GRADIENT CHANNEL =====
GPNAM[1] SINE.100
GPNAM[3] SINE.100
GPNAM[4] SINE.100
GPNAM[5] SINE.100
GPZ1 80.00 %
GPZ3 15.00 %
GPZ4 -10.00 %
GPZ5 -5.00 %
P16 1000.00 use

F1 - Acquisition parameters
TD 512
SFO1 150.926 MHz
FIDRES 34.145542 Hz
SW 115.835 ppm
FnMODE Echo-Antiecho

F2 - Processing parameters
SI 1024
SF 600.1300117 MHz
WDW SINE
SSB 0
LB 0 Hz
GB 0
PC 1.40

Exp. H,N-HMBC
Grünefeld: 7-Aza/2-3
J(N,H) = 8 Hz
hmbcf3gpndqf.hsp DMSO {D:\u} nmr 1



Current Data Parameters
NAME grj132906_pk
EXPNO 5
PROCNO 1

F2 - Acquisition Parameters
Date_ 20170509
Time 15.50
INSTRUM av600
PROBHD 5 mm CPTCI 1H-
PULPROG hmbcf3gpndqf
TD 1024
SOLVENT DMSO
NS 4
DS 16
SWH 4795.396 Hz
FIDRES 4.683004 Hz
AQ 0.1067691 sec
RG 2050
DW 104.267 use
DE 10.00 use
TE 303.4 K
CNST13 8.0000000
D0 0.00000300 sec
D1 2.00000000 sec
D6 0.06250000 sec
D16 0.00020000 sec
IN0 0.00002060 sec

===== CHANNEL f1 =====
SFO1 600.1360013 MHz
NUC1 1H
P1 7.48 use
P2 14.96 use
PLW1 6.97440004 W

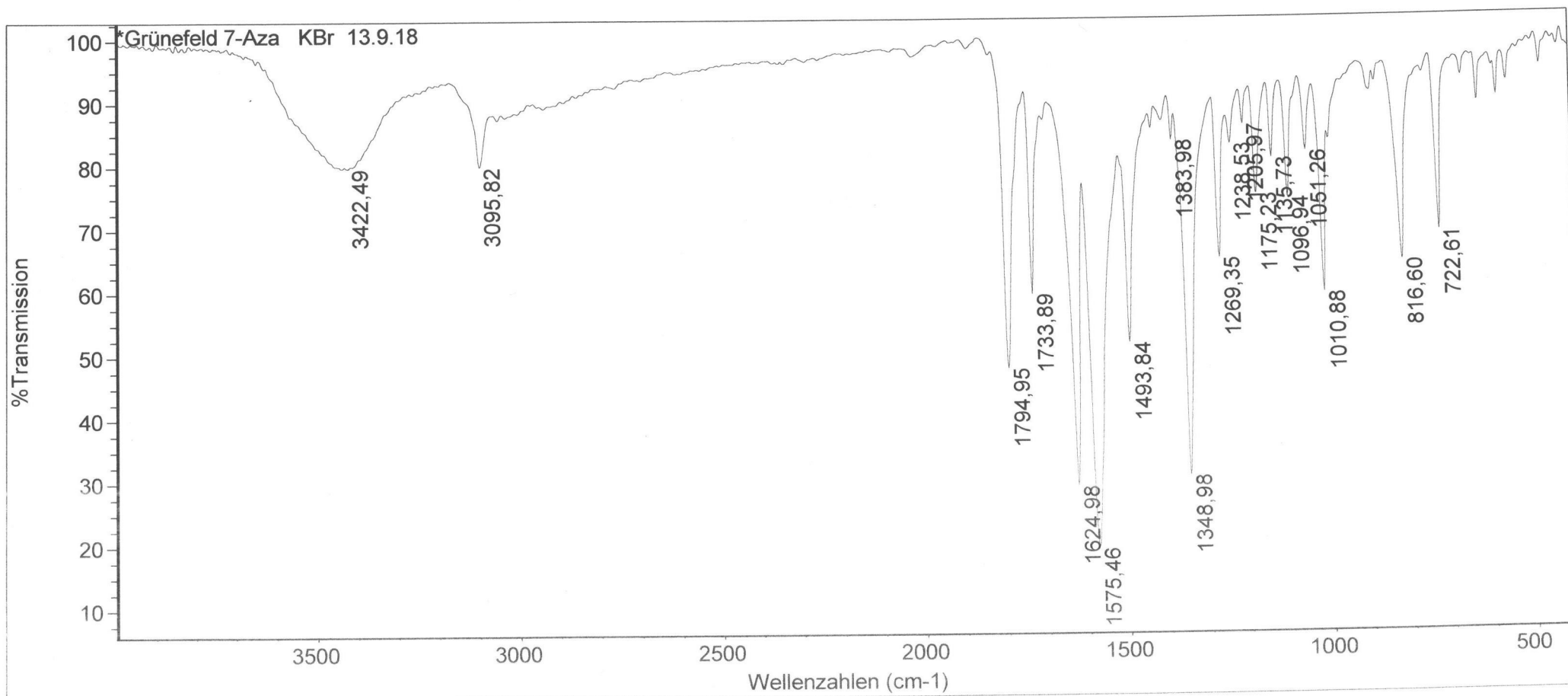
===== CHANNEL f3 =====
SFO3 60.8215313 MHz
NUC3 15N
P21 40.00 use
PLW3 64.01100159 W

===== GRADIENT CHANNEL =====
GPNAM[1] SINE.100
GPNAM[2] SINE.100
GPNAM[3] SINE.100
GPZ1 70.00 %
GPZ2 30.00 %
GPZ3 50.10 %
P16 1000.00 use

F1 - Acquisition parameters
TD 512
SFO1 60.82153 MHz
FIDRES 47.405945 Hz
SW 399.067 ppm
FnMODE QF

F2 - Processing parameters
SI 1024
SF 600.1300117 MHz
WDW SINE
SSB 0
LB 0 Hz
GB 0
PC 1.40
HZpPT 4.683004 Hz
SR 11.71 Hz

F1 - Processing parameters
SI 2048
MC2 QF
SF 60.8337824 MHz
WDW SINE
SSB 0
LB 0 Hz



Thu Sep 13 07:54:02 2018 (GMT+02:00)

SUCHE BANDEN:

Spektrum: *Grünefeld 7-Aza KBr 13.9.18

Bereich: 3999,64 400,00

Absoluter Schwellwert: 88,918

Sensitivität: 50

Bandentabelle:

Position:	1575,46	Intensität:	19,242
Position:	1624,98	Intensität:	29,088
Position:	1348,98	Intensität:	30,649
Position:	1794,95	Intensität:	47,732
Position:	1493,84	Intensität:	51,676
Position:	1010,88	Intensität:	59,237
Position:	1733,89	Intensität:	59,415

xt09512 #317-396 RT: 8.50-10.61 AV: 80 NL: 2.98E7
T: + c EI Full ms [39.50-1000.50]

