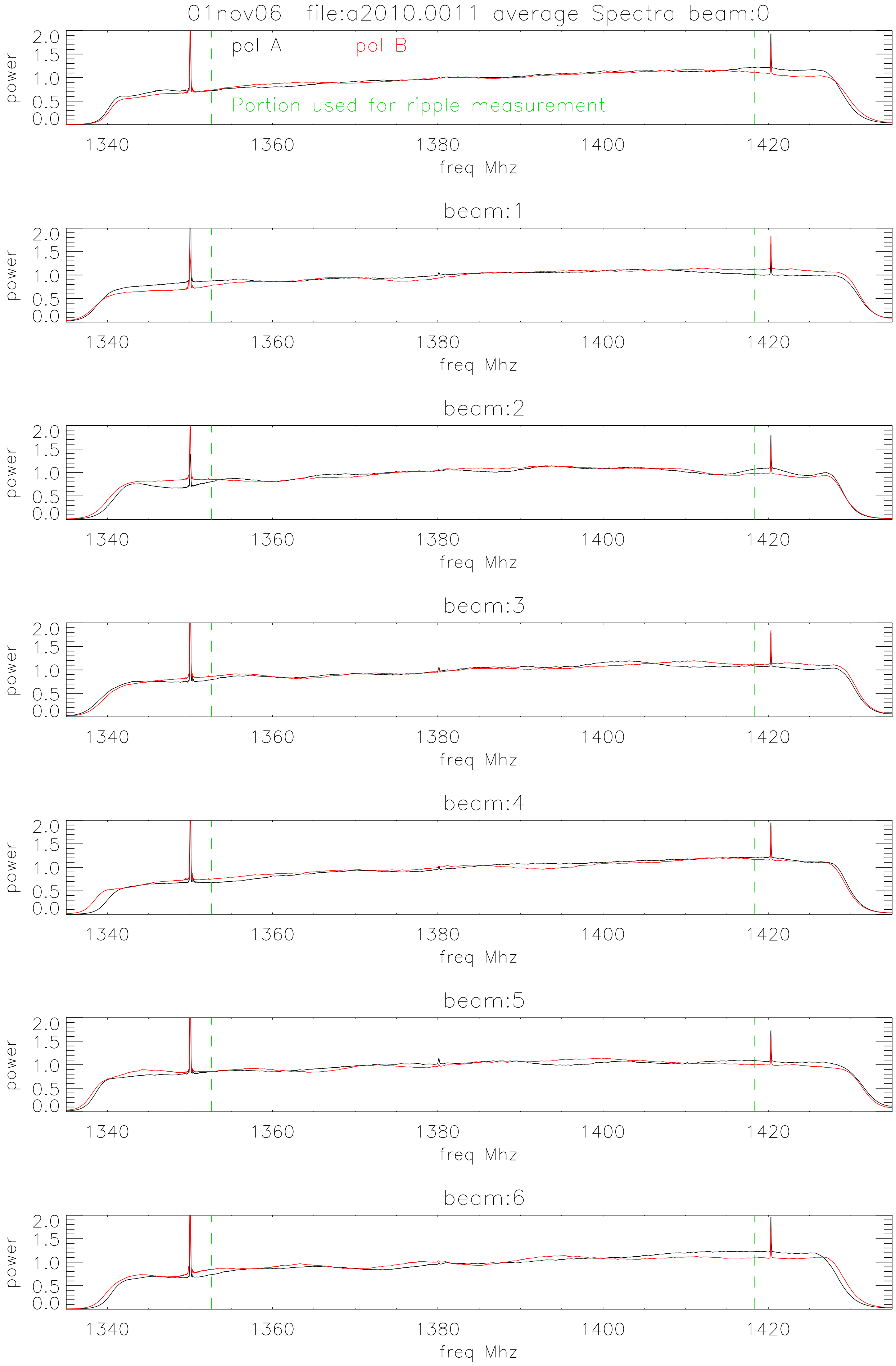
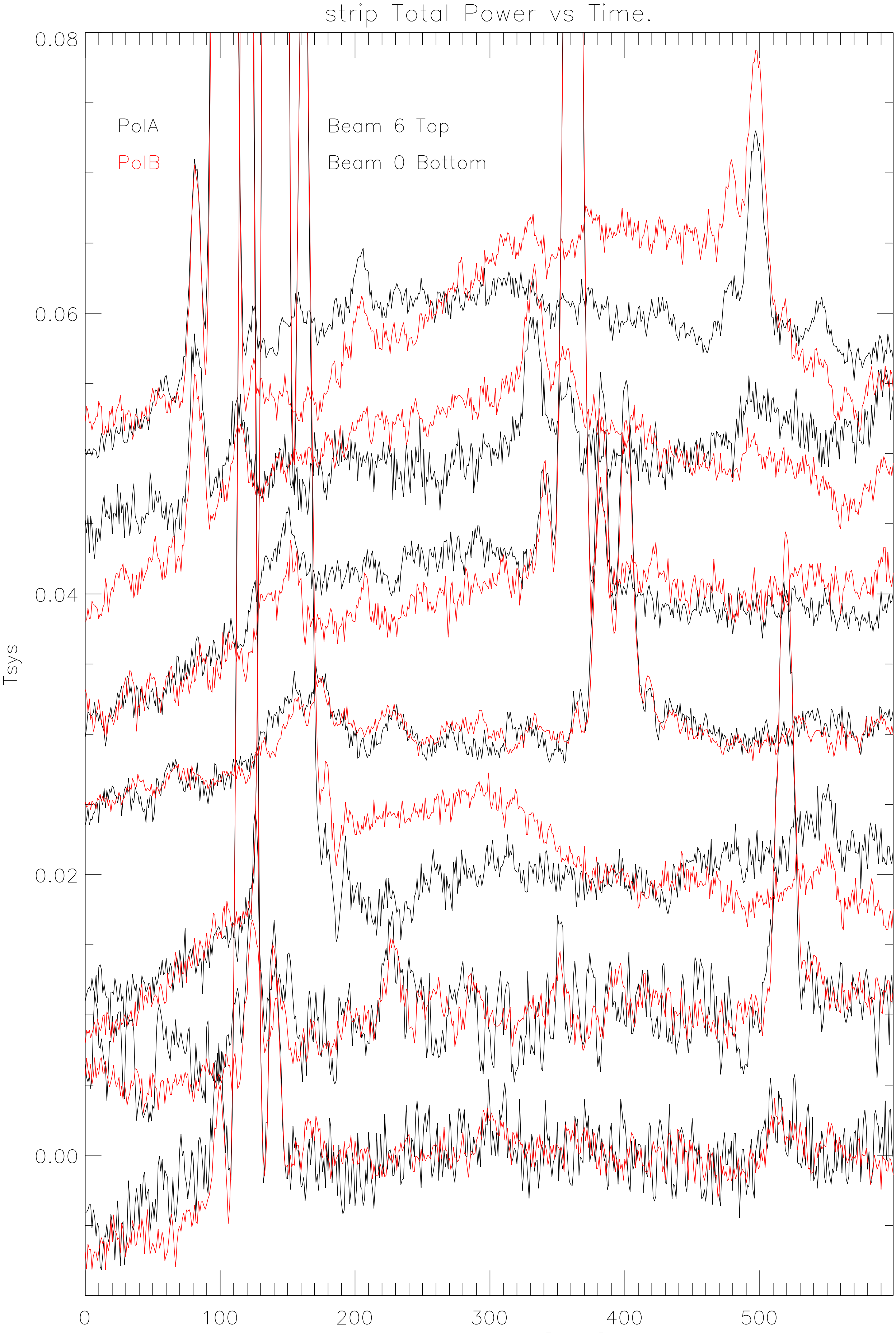
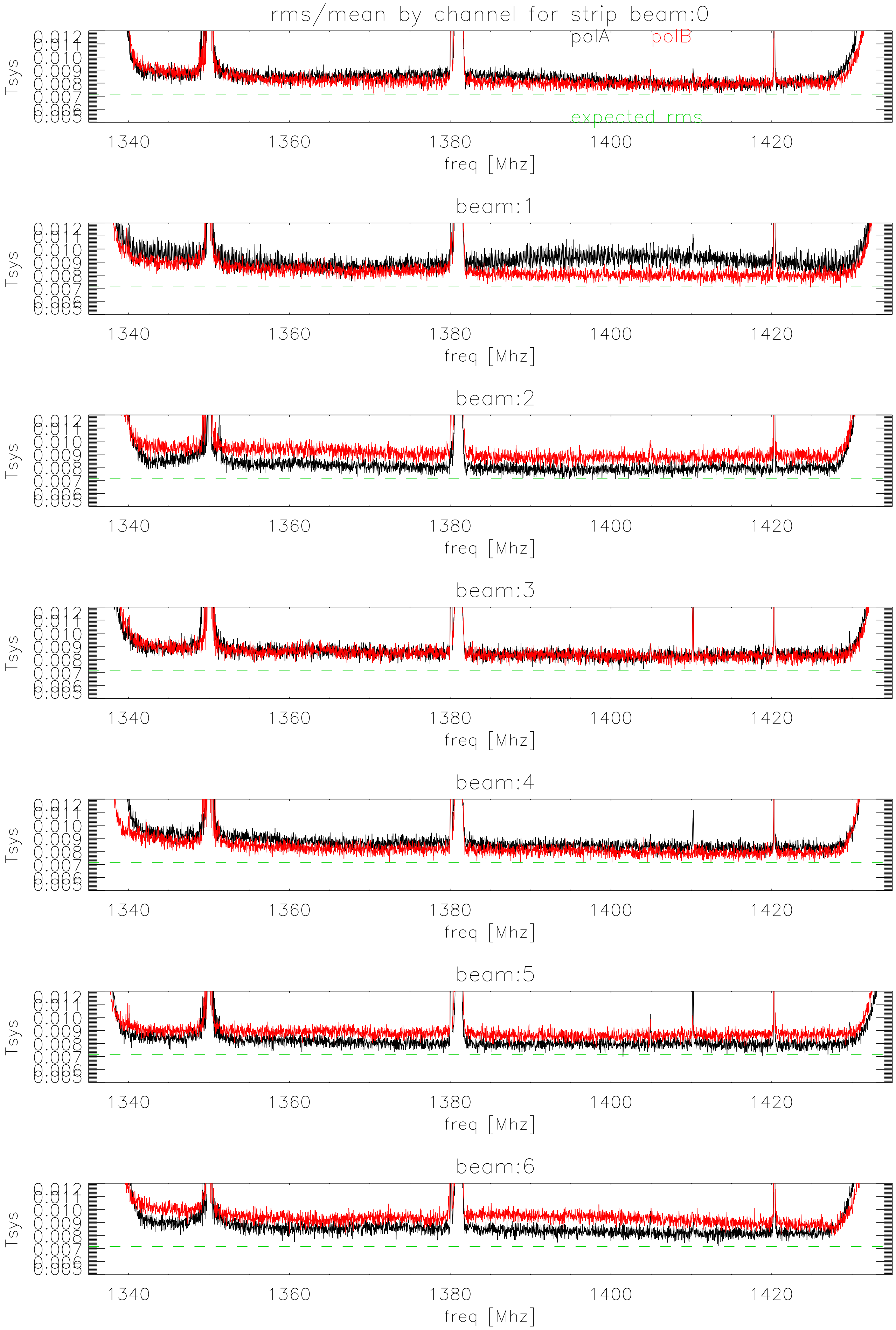
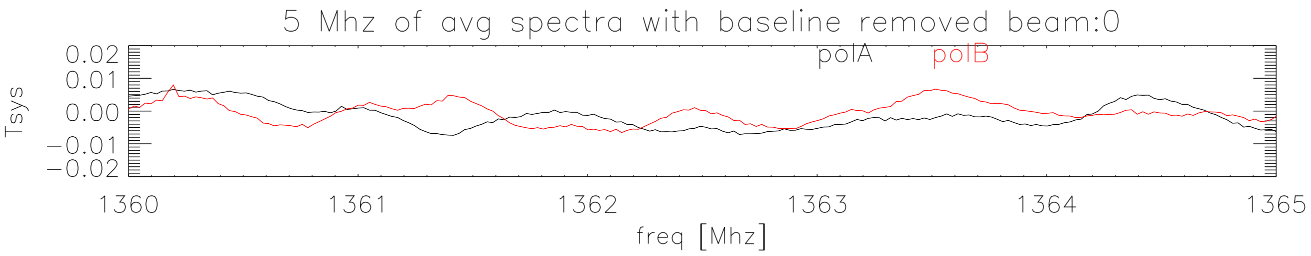
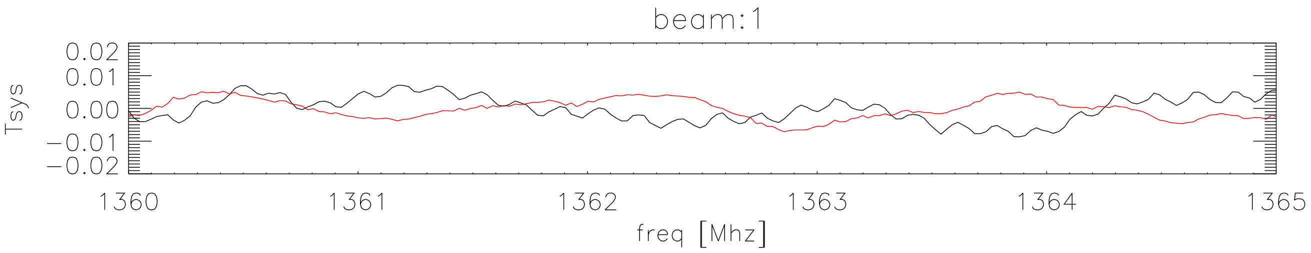
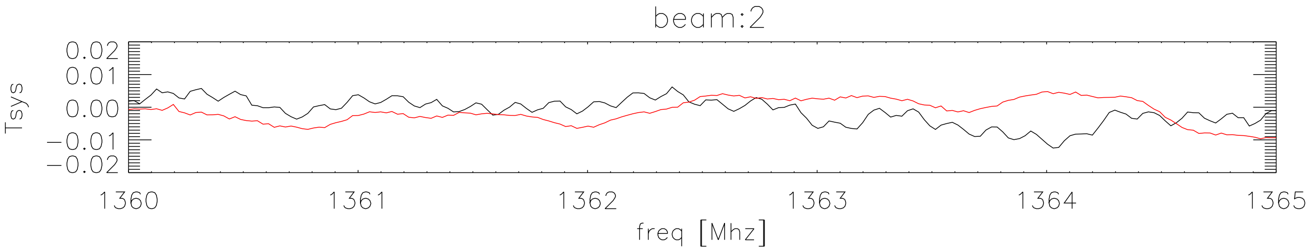

01nov06 file:a2010.0011 average Spectra beam:0
pol A
pol B
Portion used for ripple measurement
beam:1
beam:2
beam:3
beam:4
beam:5
beam:6
power
0.0
0.5
1.0
1.5
2.0
1340
1360
1380
1400
1420
freq Mhz

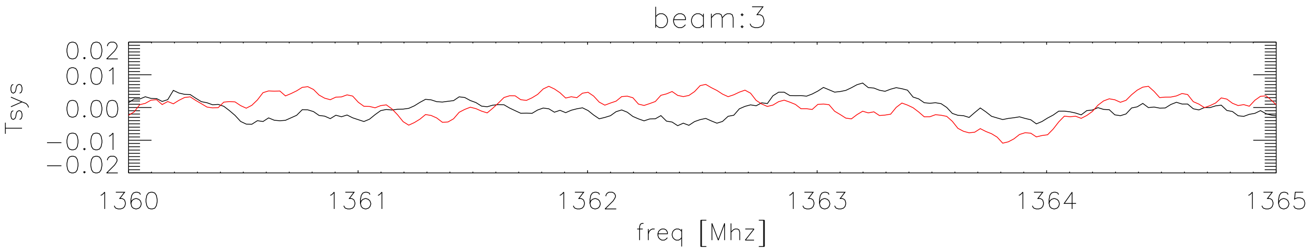

strip Total Power vs Time.
PolA
PolB
Beam 6 Top
Beam 0 Bottom
Tsys
0.08
0.06
0.04
0.02
0.00
0
100
200
300
400
500
samples in strip [secs]

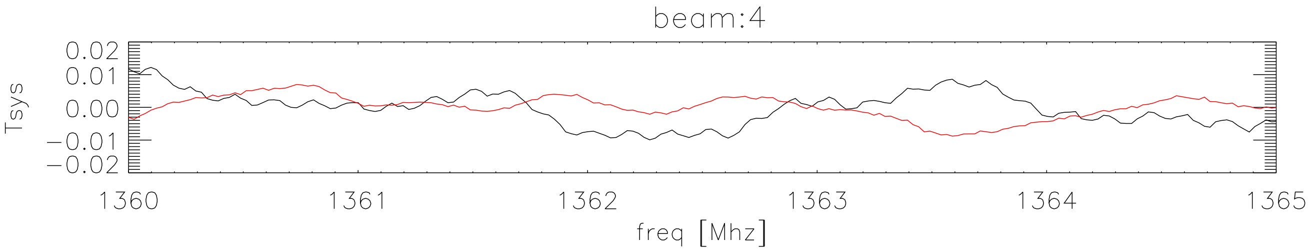

rms/mean by channel for strip beam:0
polA
polB
expected rms
Tsys
0.012
0.011
0.010
0.009
0.008
0.007
0.006
0.005
1340
1360
1380
1400
1420
freq [Mhz]
beam:1
beam:2
beam:3
beam:4
beam:5
beam:6

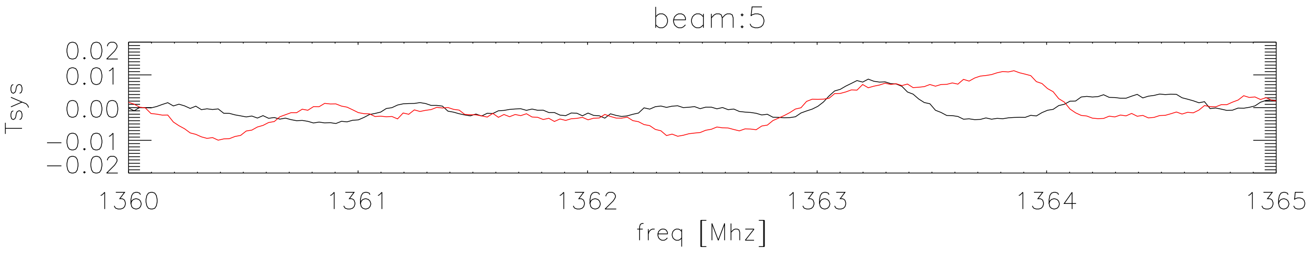

5 Mhz of avg spectra with baseline removed beam:0
polA
polB
Tsys
0.02
0.01
0.00
−0.01
−0.02
1360
1361
1362
1363
1364
1365
freq [Mhz]

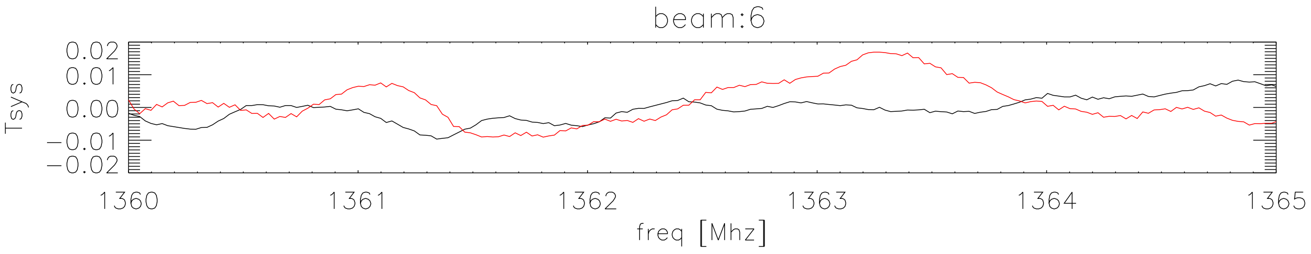

beam:1
Tsys
0.02
0.01
0.00
−0.01
−0.02
1360
1361
1362
1363
1364
1365
freq [Mhz]

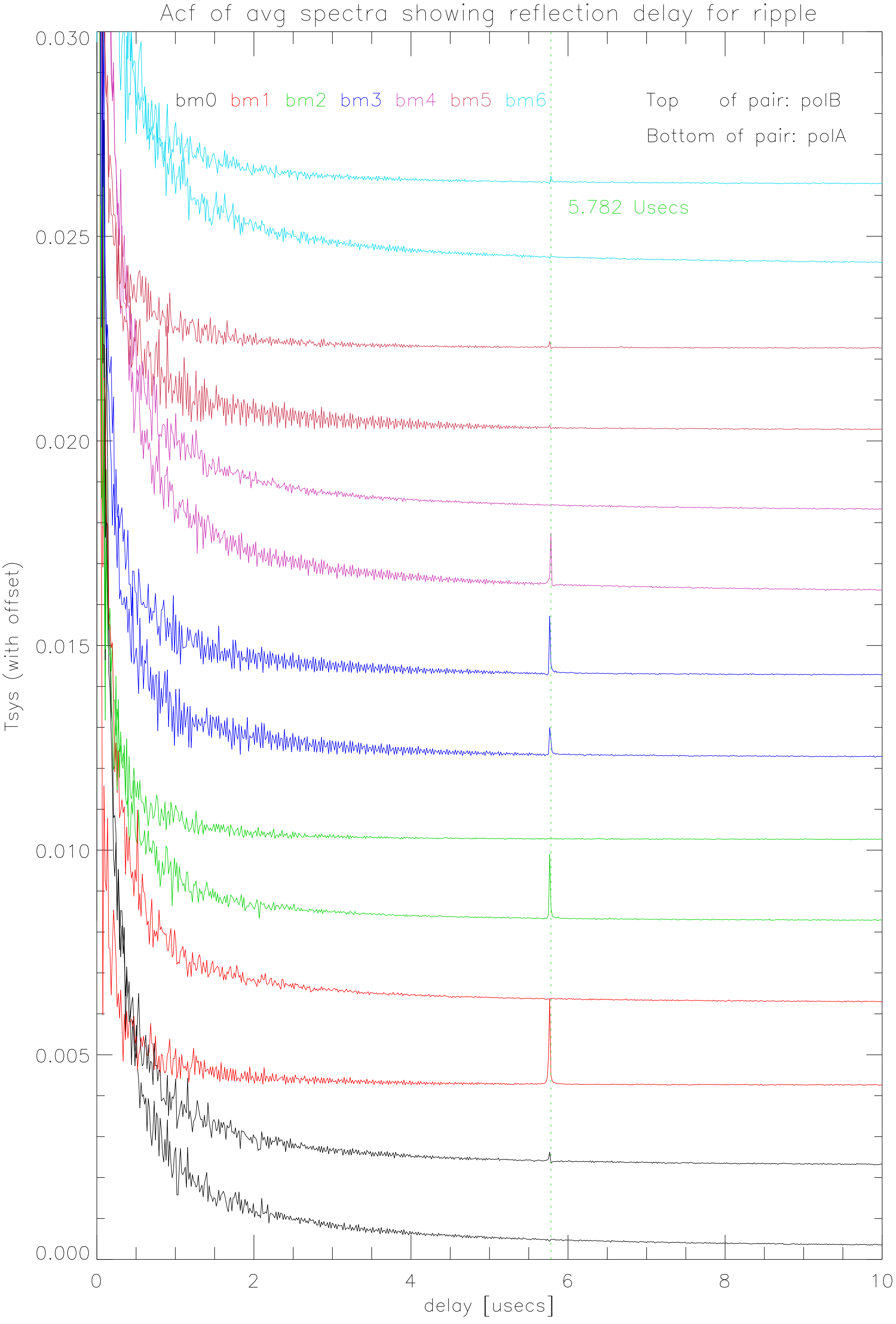

beam:2
Tsys
0.02
0.01
0.00
−0.01
−0.02
1360
1361
1362
1363
1364
1365
freq [Mhz]

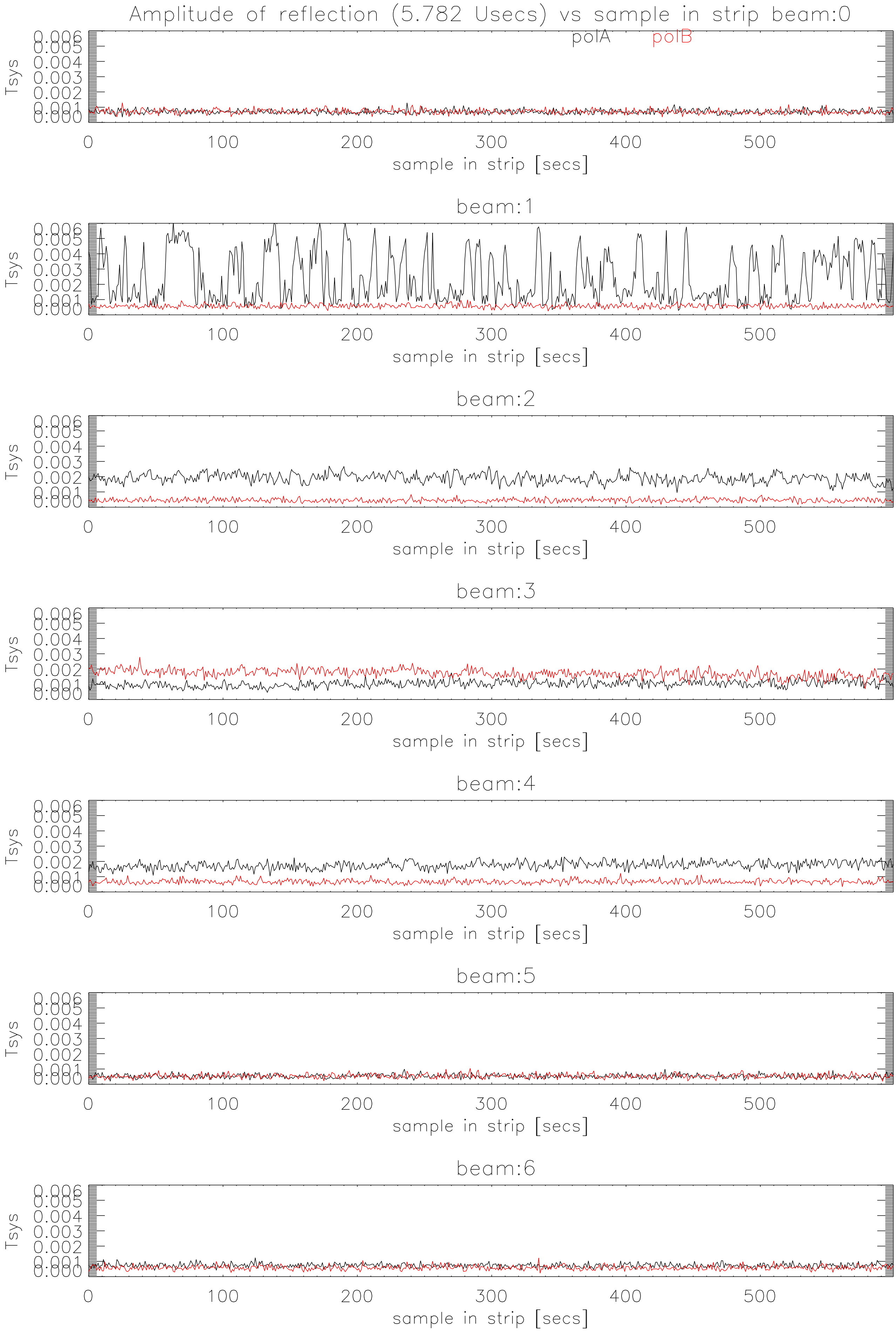

beam:3
Tsys
0.02
0.01
0.00
−0.01
−0.02
1360
1361
1362
1363
1364
1365
freq [Mhz]


beam:4
Tsys
0.02
0.01
0.00
−0.01
−0.02
1360
1361
1362
1363
1364
1365
freq [Mhz]


beam:5
Tsys
0.02
0.01
0.00
−0.01
−0.02
1360
1361
1362
1363
1364
1365
freq [Mhz]


beam:6
Tsys
0.02
0.01
0.00
−0.01
−0.02
1360
1361
1362
1363
1364
1365
freq [Mhz]


Acf of avg spectra showing reflection delay for ripple
bm0 bm1 bm2 bm3 bm4 bm5 bm6
Top of pair: polB
Bottom of pair: polA
5.782 Usecs
Tsys (with offset)
0.030
0.025
0.020
0.015
0.010
0.005
0.000
delay [usecs]
0
2
4
6
8
10


Amplitude of reflection (5.782 Usecs) vs sample in strip beam:0
polA
polB
Tsys
0.006
0.005
0.004
0.003
0.002
0.001
0.000
0
100
200
300
400
500
sample in strip [secs]
beam:1
beam:2
beam:3
beam:4
beam:5
beam:6