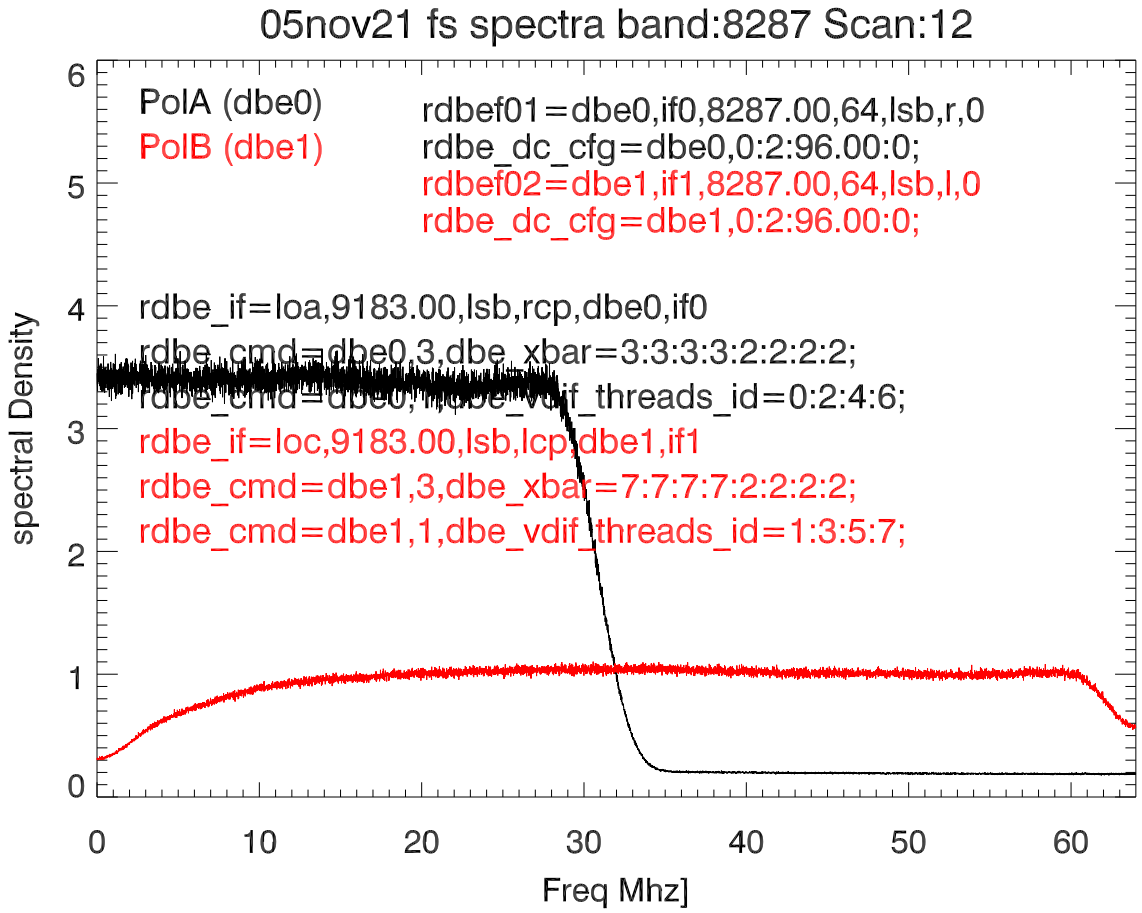
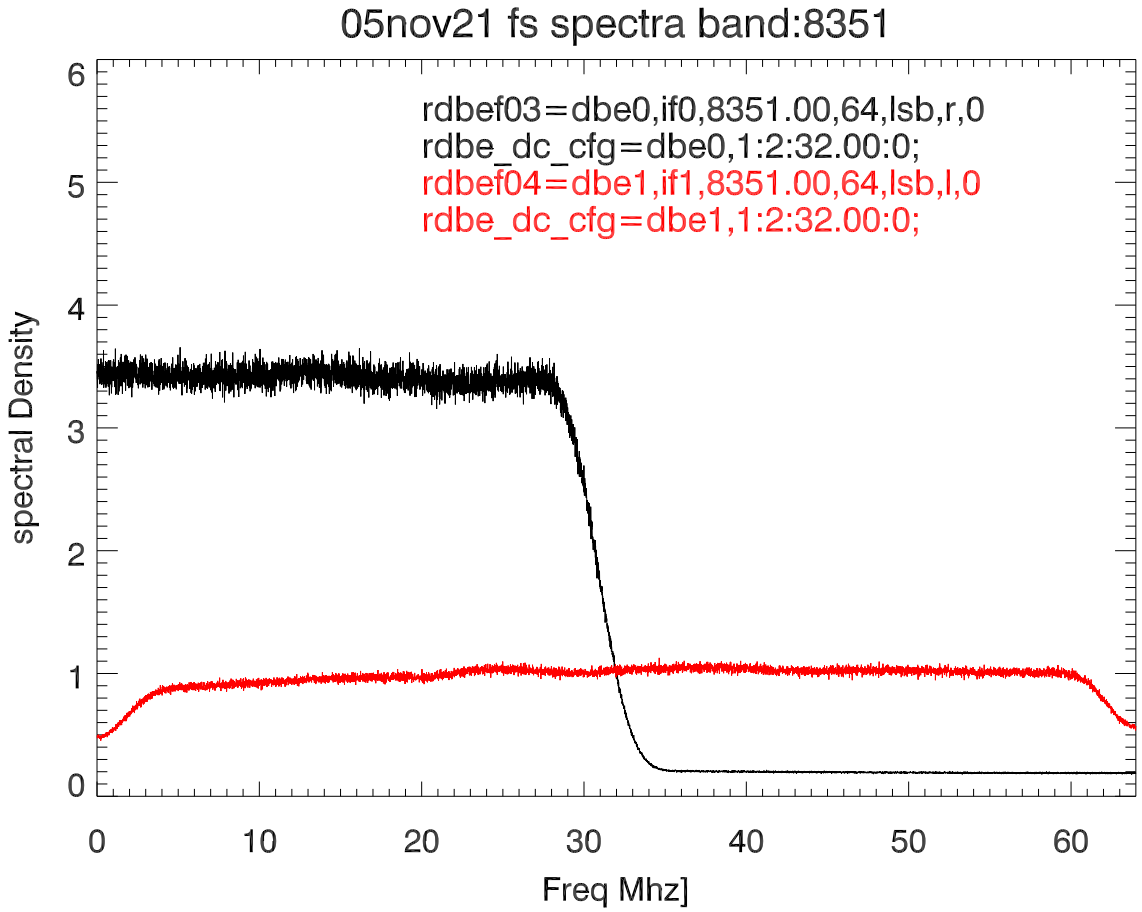
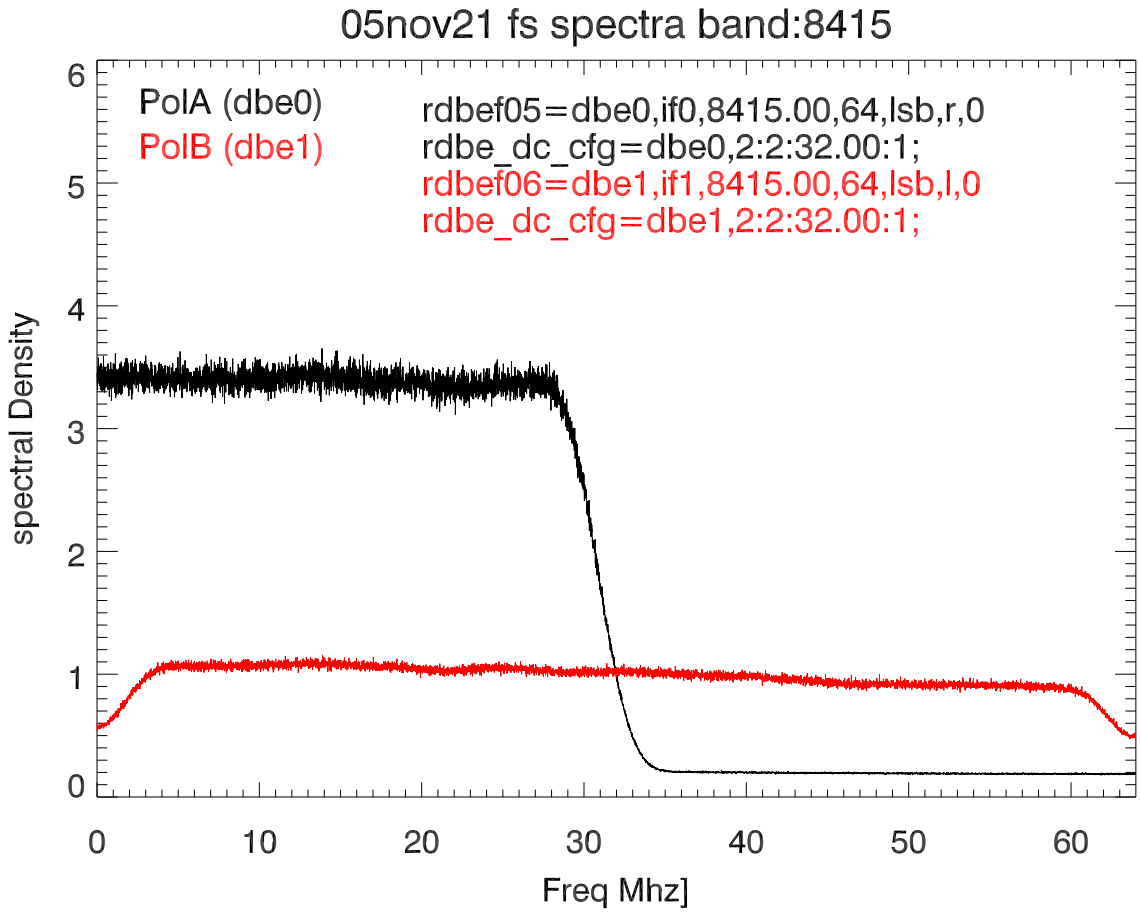
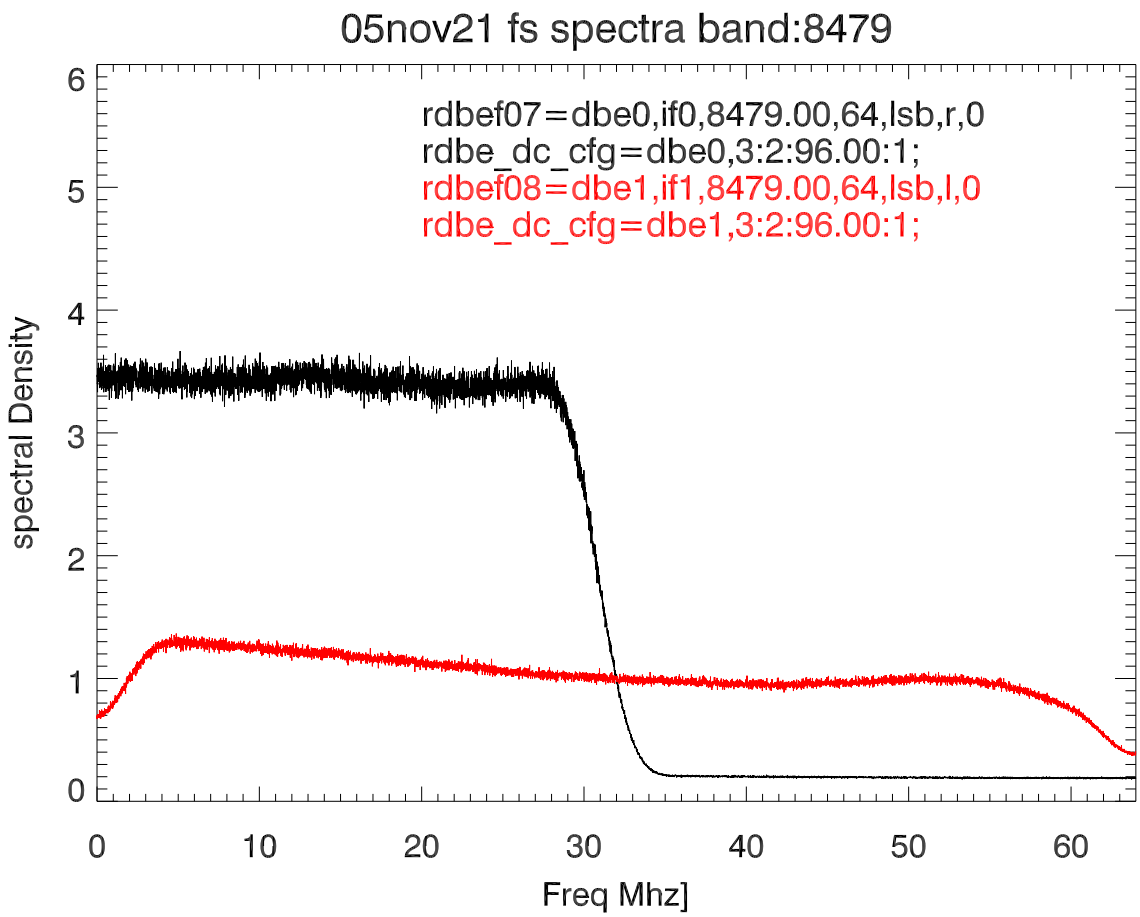
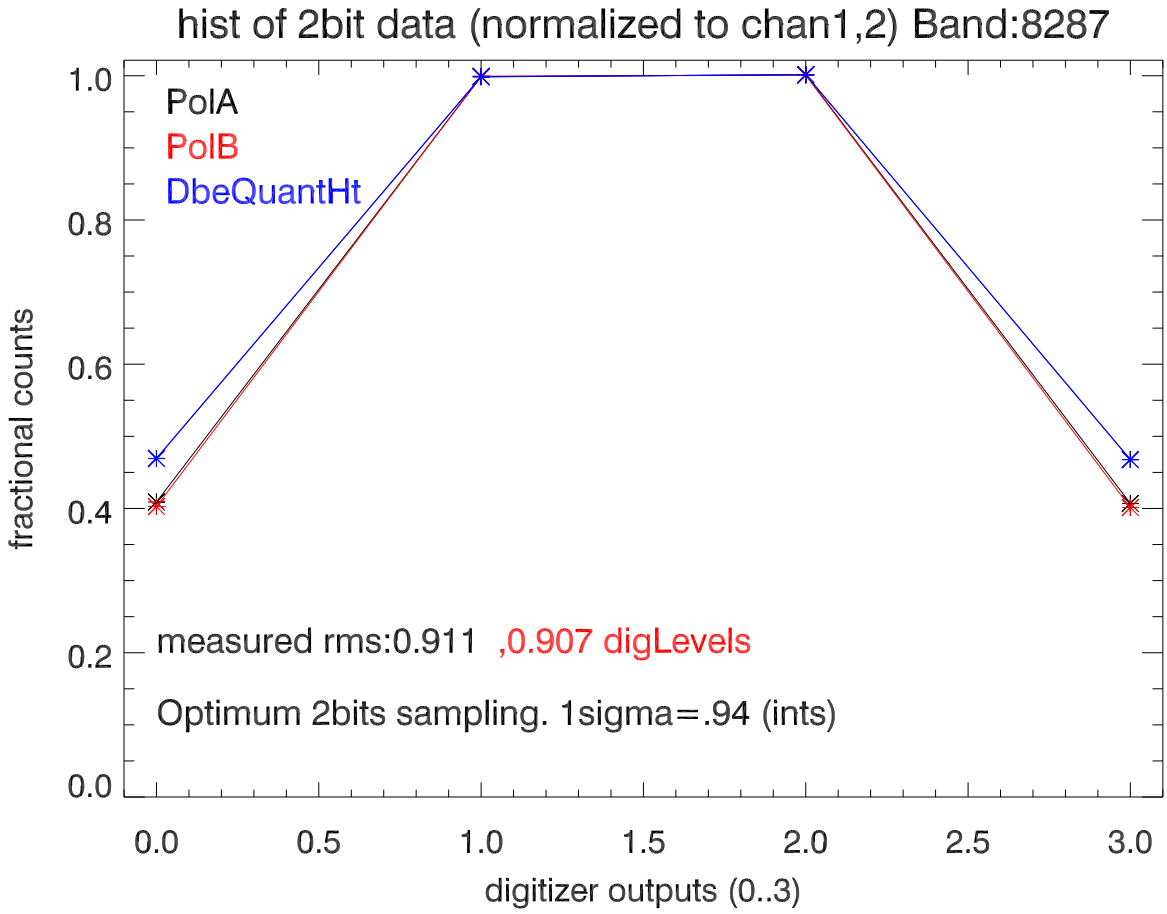
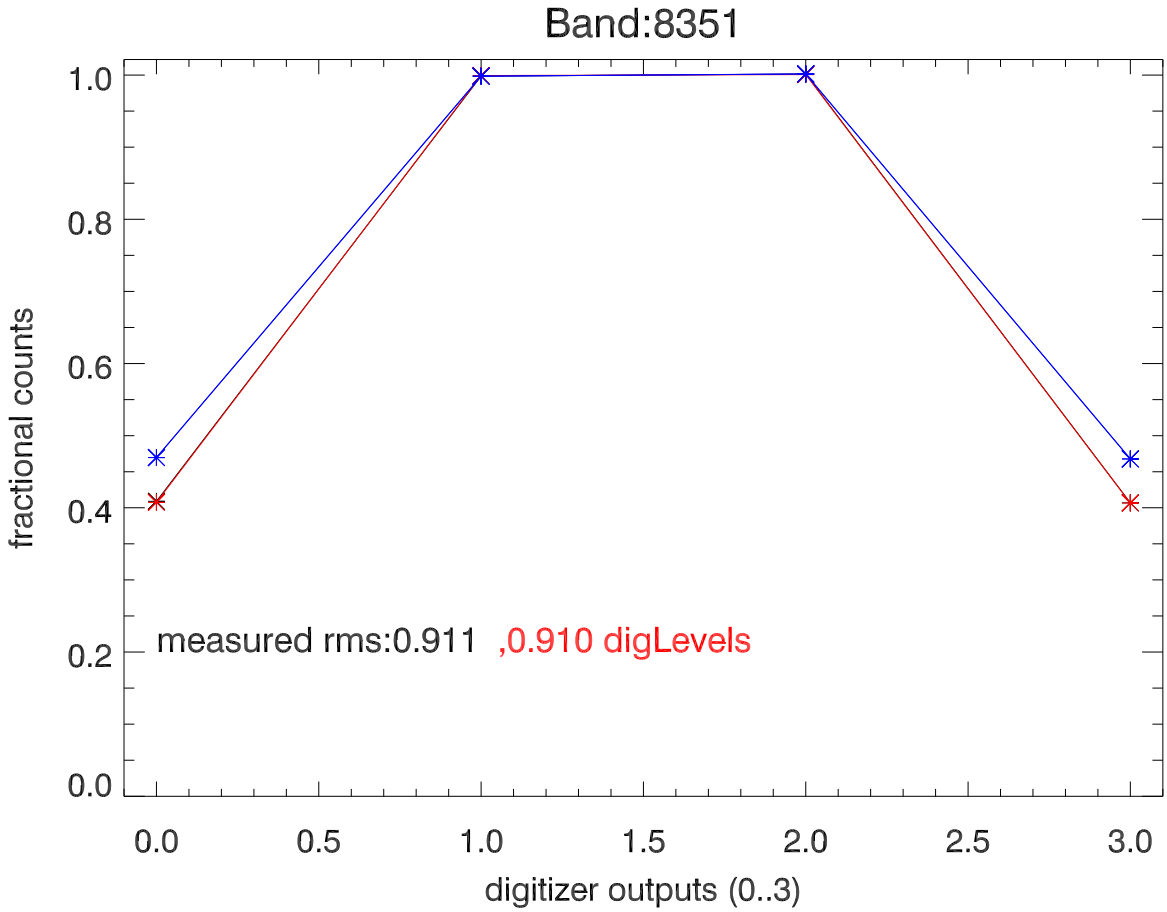

05nov21 fs spectra band:8287 Scan:12
PolA (dbe0)
PolB (dbe1)
rdbef01=dbe0,if0,8287.00,64,lsb,r,0
rdbe_dc_cfg=dbe0,0:2:96.00:0;
rdbef02=dbe1,if1,8287.00,64,lsb,l,0
rdbe_dc_cfg=dbe1,0:2:96.00:0;
rdbe_if=loa,9183.00,lsb,rcp,dbe0,if0
rdbe_cmd=dbe0,3,dbe_xbar=3:3:3:3:2:2:2:2;
rdbe_cmd=dbe0,1,dbe_vdif_threads_id=0:2:4:6;
rdbe_if=loc,9183.00,lsb,lcp,dbe1,if1
rdbe_cmd=dbe1,3,dbe_xbar=7:7:7:7:2:2:2:2;
rdbe_cmd=dbe1,1,dbe_vdif_threads_id=1:3:5:7;
spectral Density
Freq Mhz]
0
1
2
3
4
5
6
0
10
20
30
40
50
60

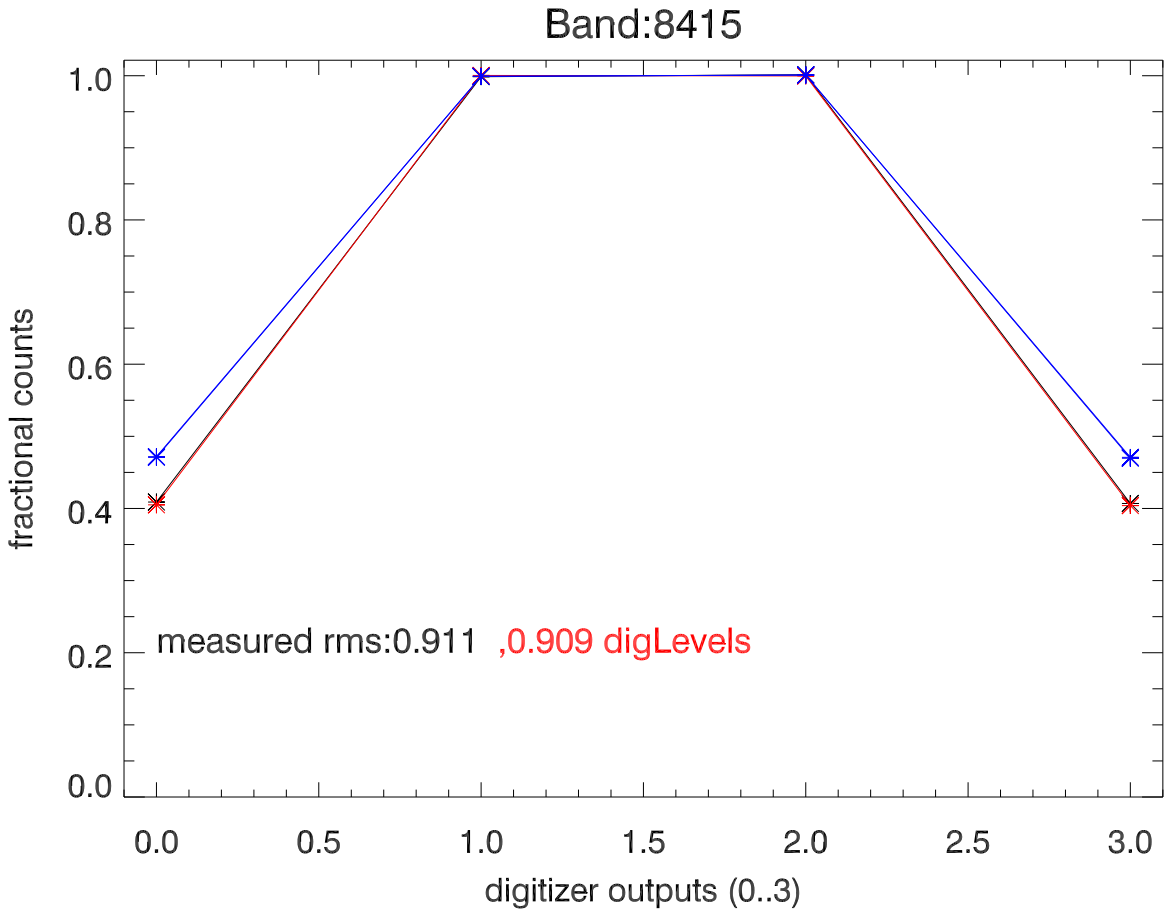

05nov21 fs spectra band:8351
rdbef03=dbe0,if0,8351.00,64,lsb,r,0
rdbe_dc_cfg=dbe0,1:2:32.00:0;
rdbef04=dbe1,if1,8351.00,64,lsb,l,0
rdbe_dc_cfg=dbe1,1:2:32.00:0;
spectral Density
Freq Mhz]
0
1
2
3
4
5
6
0
10
20
30
40
50
60

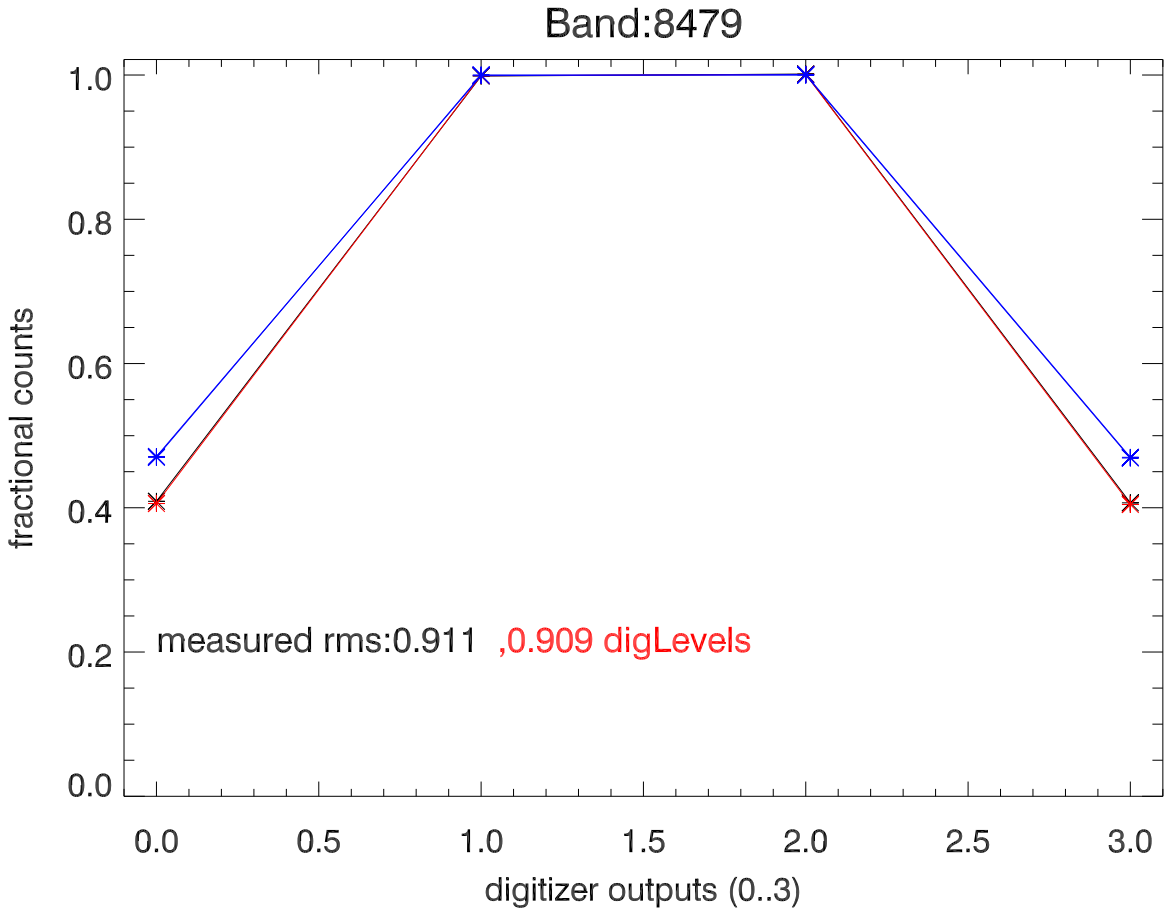

05nov21 fs spectra band:8415
PolA (dbe0)
PolB (dbe1)
rdbef05=dbe0,if0,8415.00,64,lsb,r,0
rdbe_dc_cfg=dbe0,2:2:32.00:1;
rdbef06=dbe1,if1,8415.00,64,lsb,l,0
rdbe_dc_cfg=dbe1,2:2:32.00:1;
spectral Density
Freq Mhz]
0
1
2
3
4
5
6
0
10
20
30
40
50
60


05nov21 fs spectra band:8479
rdbef07=dbe0,if0,8479.00,64,lsb,r,0
rdbe_dc_cfg=dbe0,3:2:96.00:1;
rdbef08=dbe1,if1,8479.00,64,lsb,l,0
rdbe_dc_cfg=dbe1,3:2:96.00:1;
spectral Density
Freq Mhz]
0
1
2
3
4
5
6
0
10
20
30
40
50
60


hist of 2bit data (normalized to chan1,2) Band:8287
PolA
PolB
DbeQuantHt
measured rms:0.911 ,0.907 digLevels
Optimum 2bits sampling. 1sigma=.94 (ints)
fractional counts
digitizer outputs (0..3)
0.0
0.2
0.4
0.6
0.8
1.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0


Band:8351
measured rms:0.911 ,0.910 digLevels
fractional counts
digitizer outputs (0..3)
0.0
0.2
0.4
0.6
0.8
1.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0


Band:8415
fractional counts
1.0
0.8
0.6
0.4
0.2
0.0
measured rms:0.911 ,0.909 digLevels
0.0
0.5
1.0
1.5
2.0
2.5
3.0
digitizer outputs (0..3)


Band:8479
fractional counts
1.0
0.8
0.6
0.4
0.2
0.0
measured rms:0.911 ,0.909 digLevels
0.0
0.5
1.0
1.5
2.0
2.5
3.0
digitizer outputs (0..3)