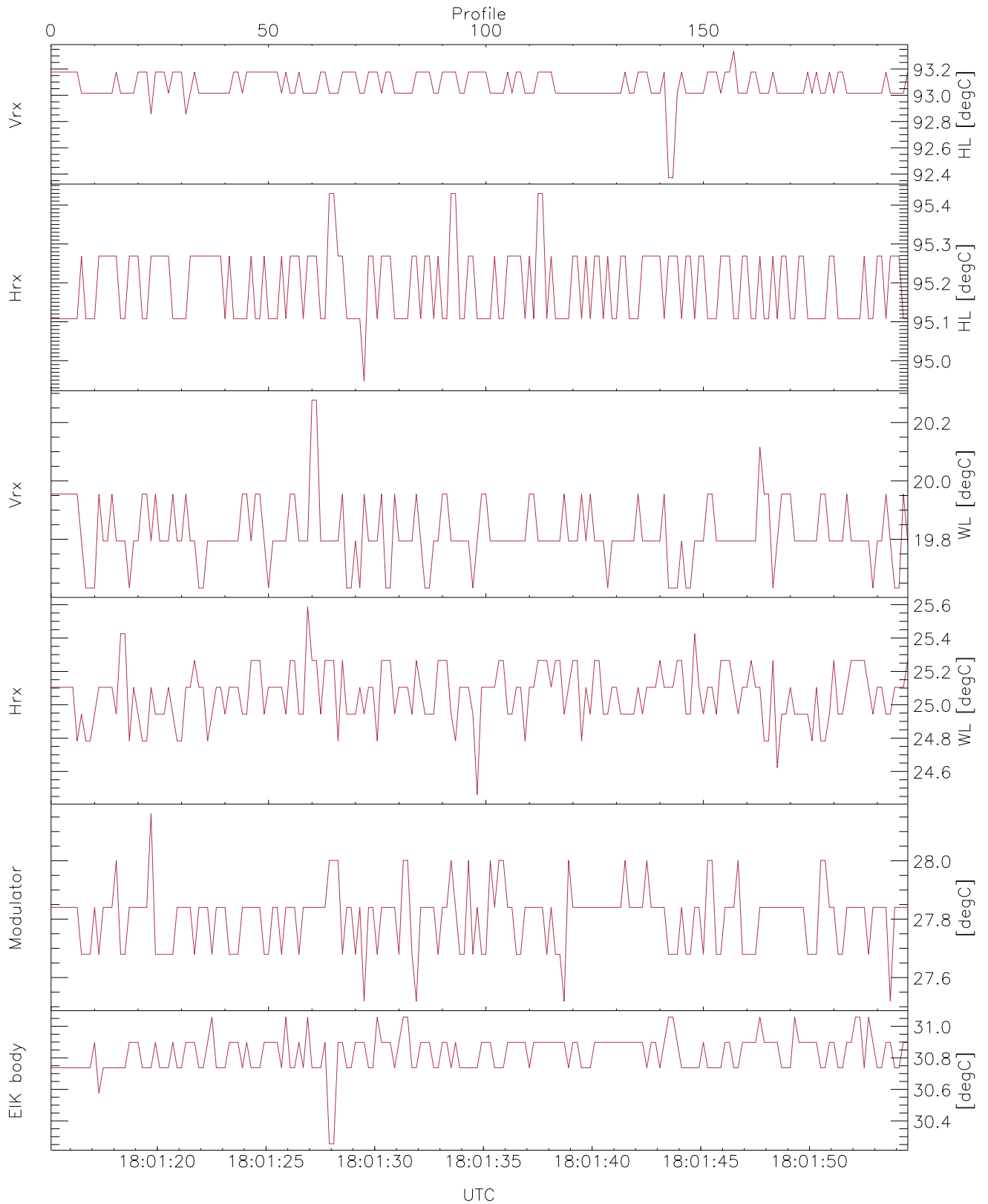


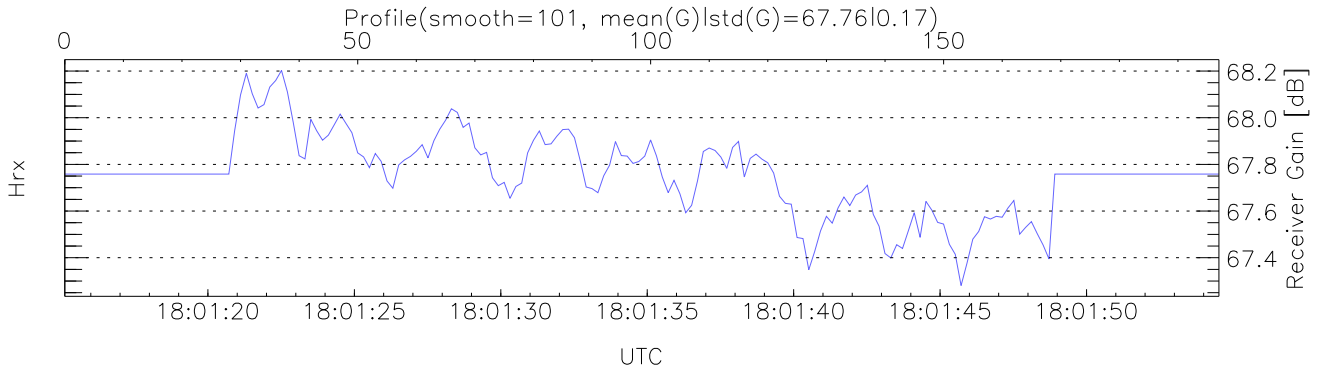
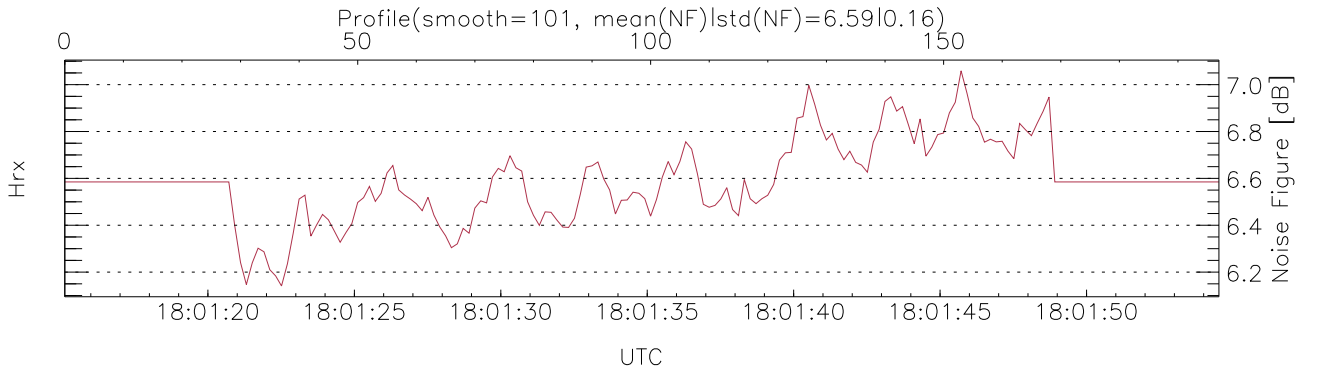
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

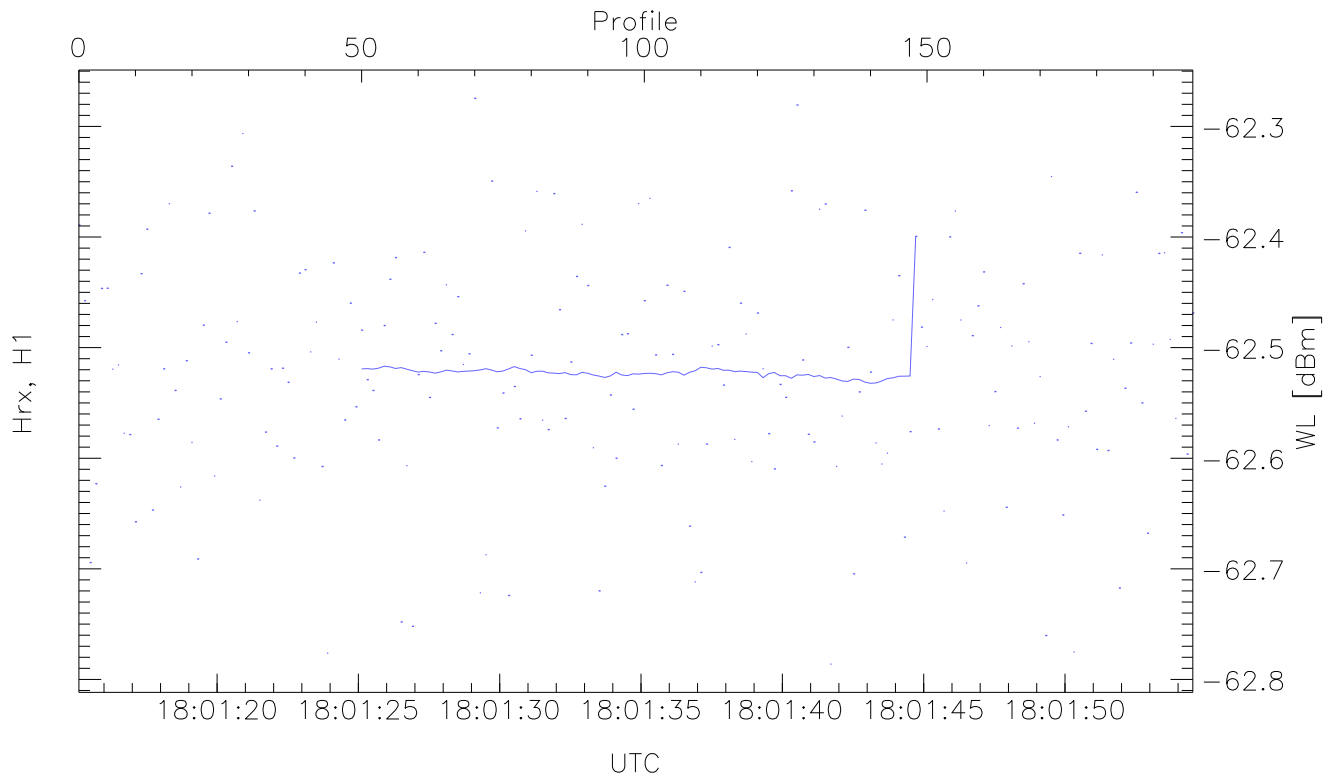
UTC: 18:01:15-18:01:55, Dur: 39.41s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 200.0,200.1,200.1,0.0 ms / 5,5,5
NumRec(r/t): 198/198, 0-197/18:01:15-18:01:55
AcqTime: 200.0ms, Rate: 11KB/s, Averages: 1000
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1
PRF: 10.0 KHz, IGS: 100us
Range(min,max,rgs): 97,1006,7.5 m, Gates: 122, Aspect: 0.3



WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator Body, EIK Body

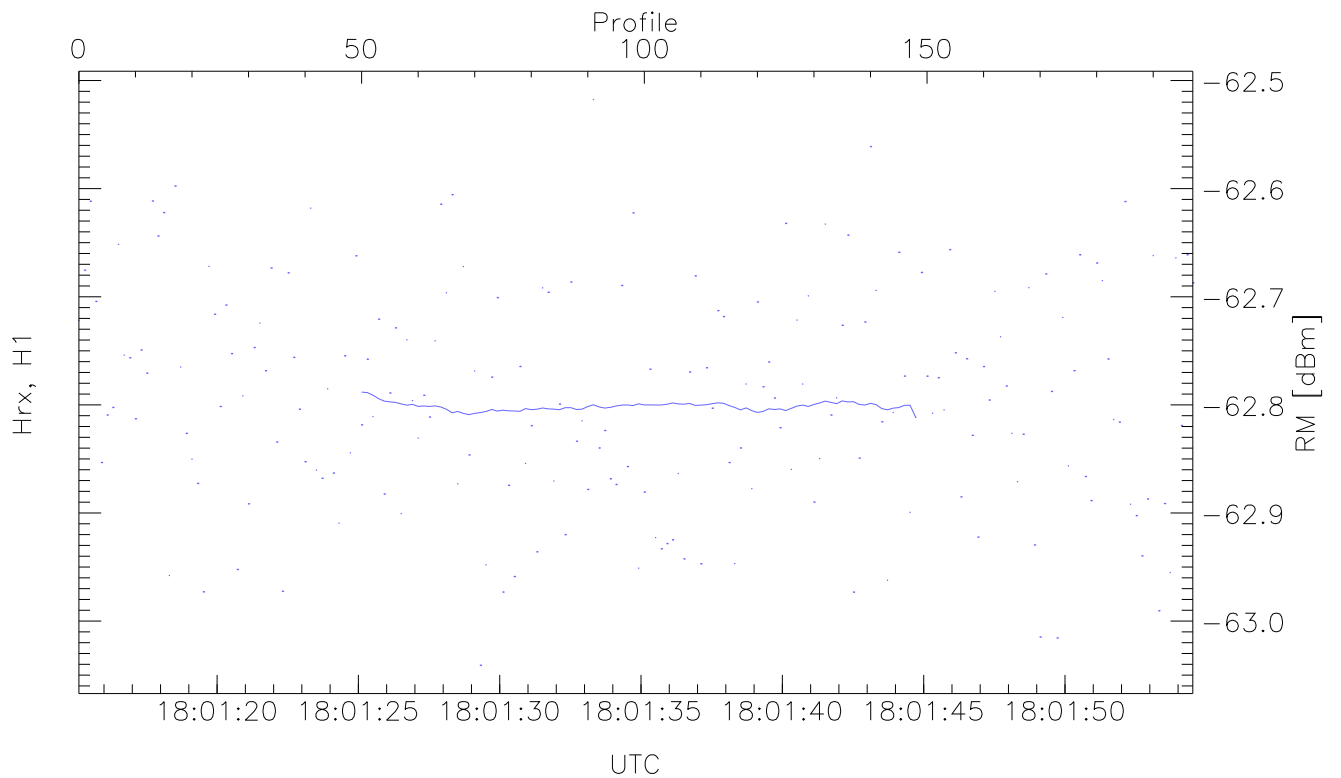
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,24,27,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,20,25,28,31
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK/Modulator Faults: None





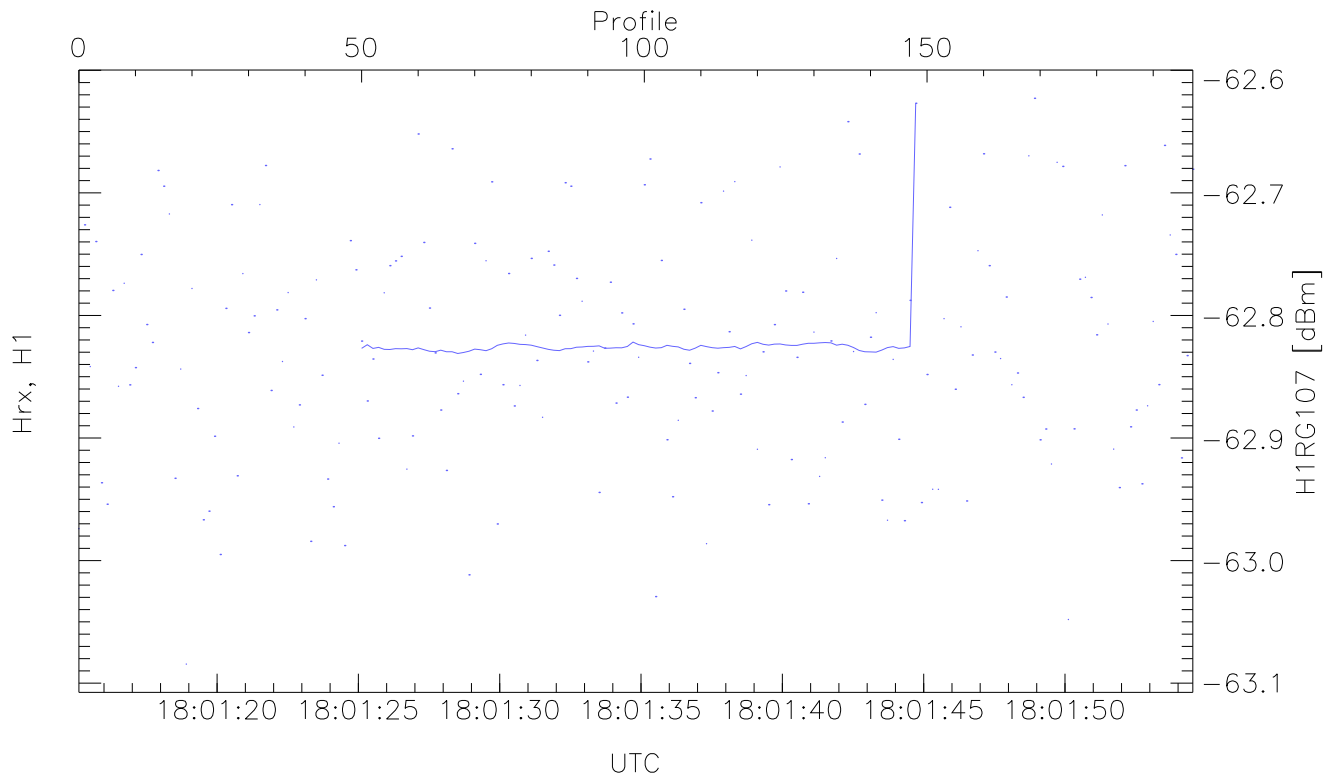
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| Hrx, H1(WL [dBm]) | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| | -62.79 | -62.27 | -62.52 | -62.52 | -78.82 |



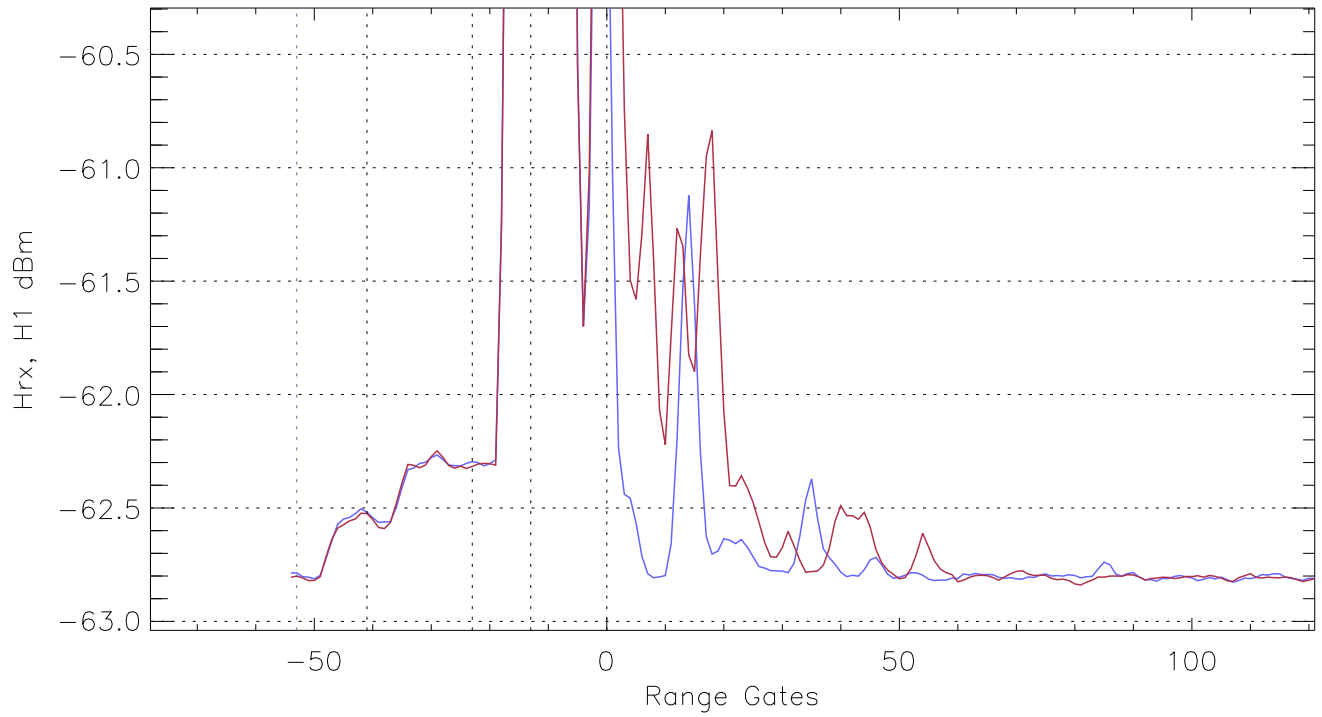
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| Hrx, H1(RM [dBm]) | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| | -63.04 | -62.52 | -62.79 | -62.80 | -79.09 |

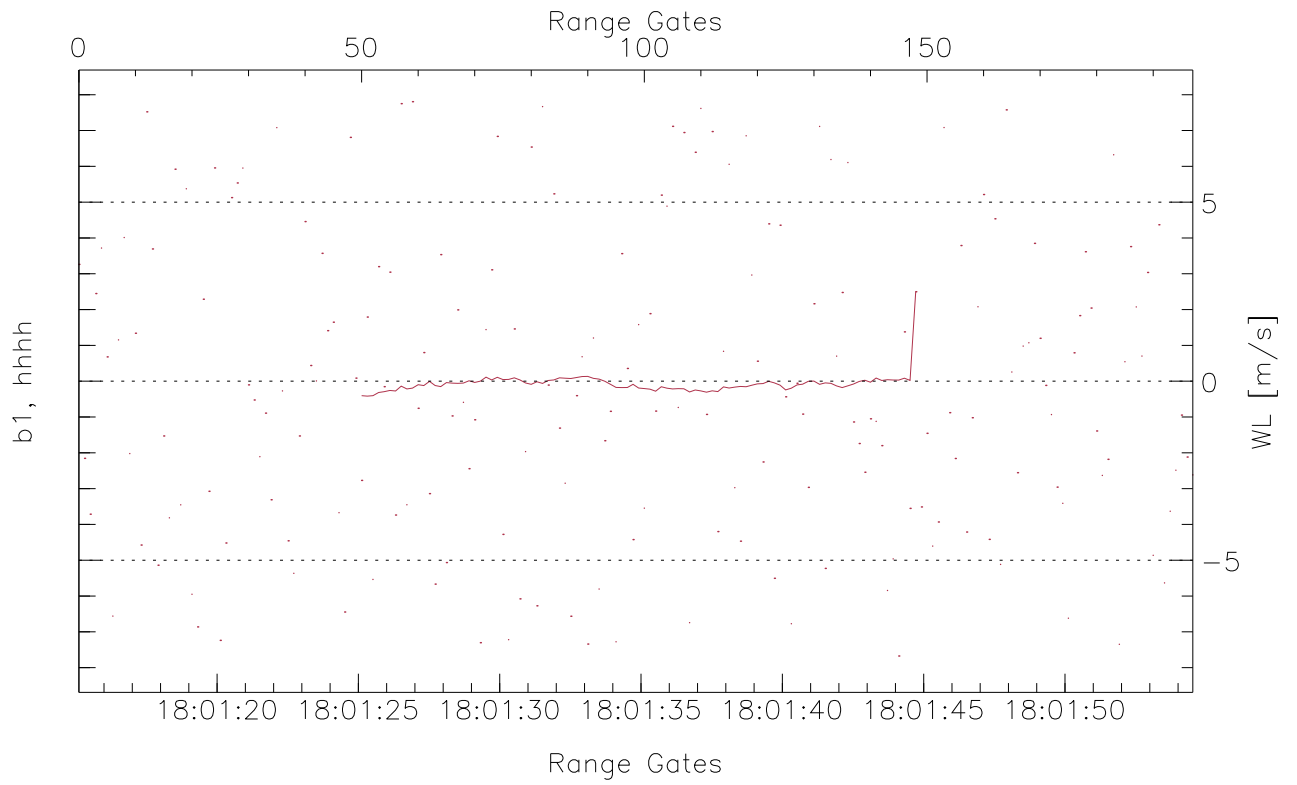


WCR2 CPP "Best" estimate Receivers Noise Power

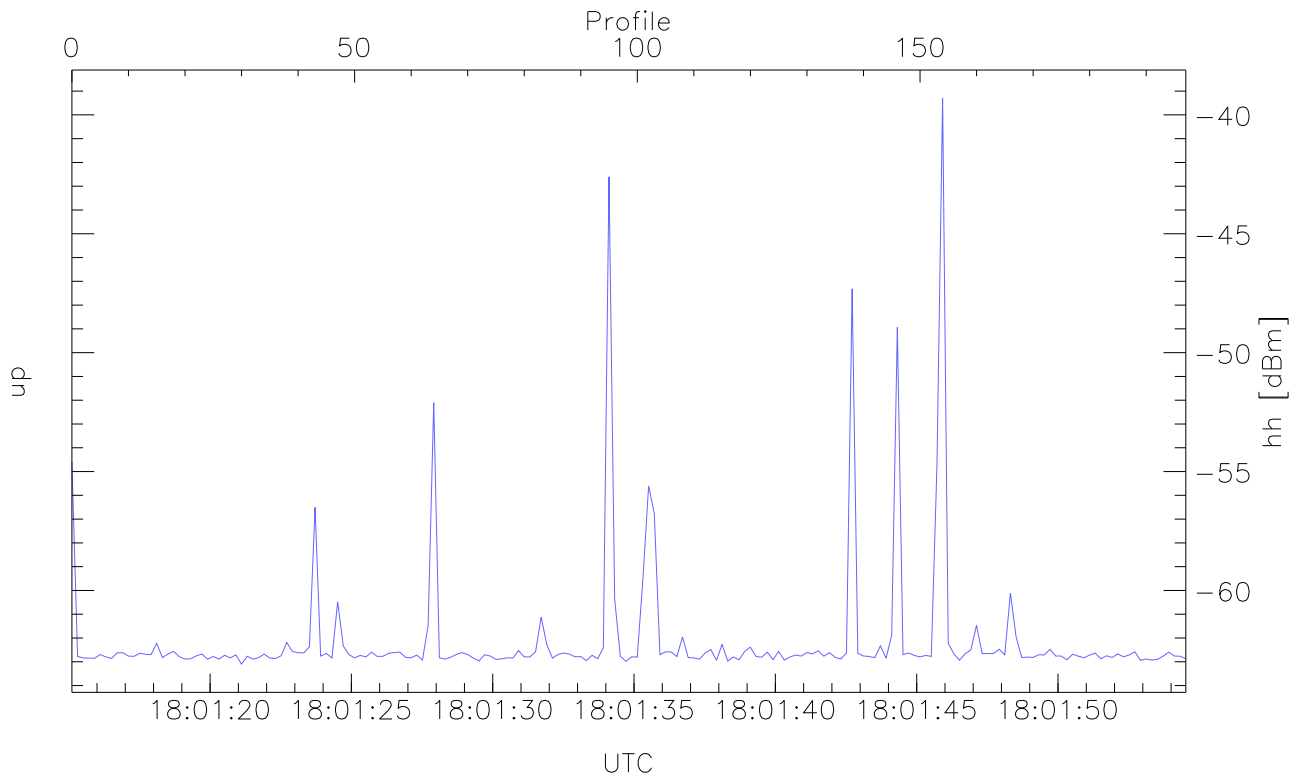
| | Min | Max | Mean | Median | StDev |
|---------------|--------|--------|--------|--------|--------|
| H1RG107 [dBm] | -63.08 | -62.62 | -62.83 | -62.83 | -79.55 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 180115-180134, 100 profiles averaged
red: 180134-180155, 99 profiles averaged

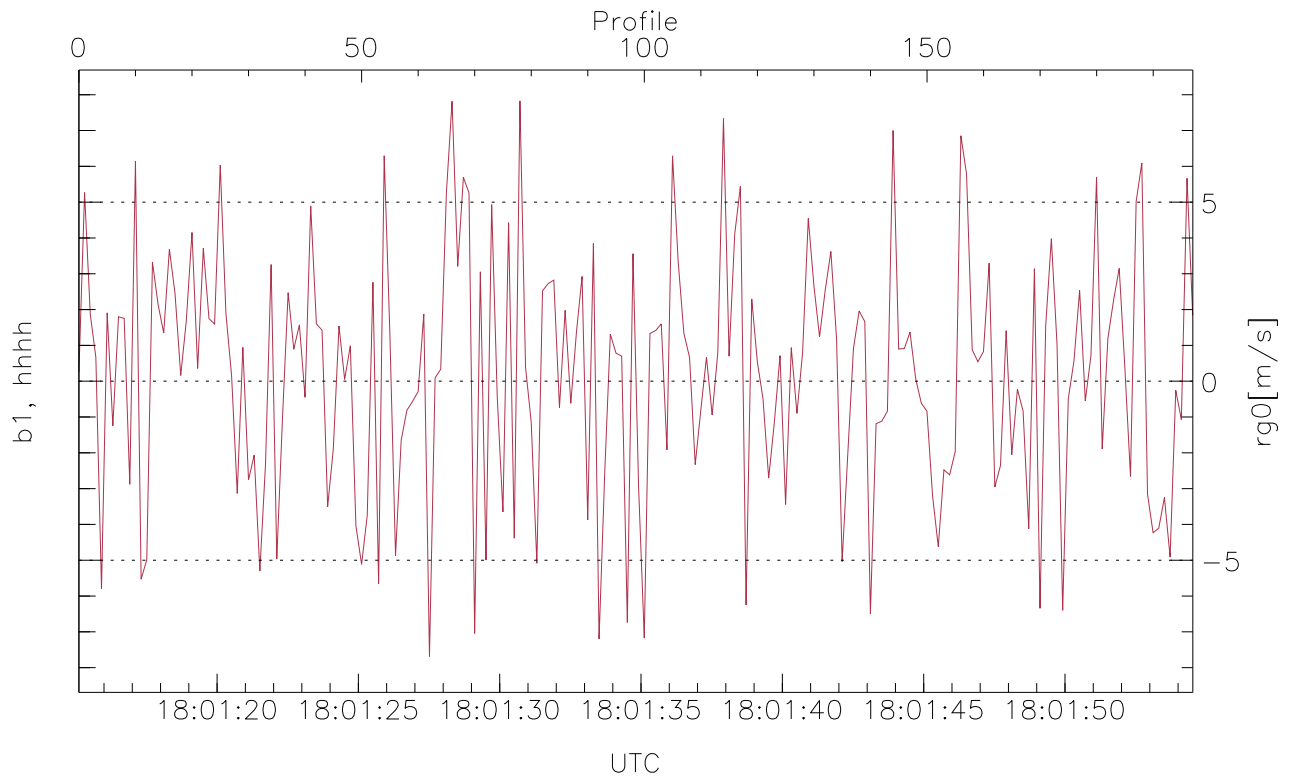


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR2 CPP Received Power Products for Range gate 0 (97.6 m)

| | Min | Max | Mean |
|--------------|--------|--------|--------|
| up(hh [dBm]) | -63.10 | -39.30 | -57.82 |



WCR2 CPP Doppler Velocity Products at 97.6 m range

| | Min | Max | Mean | StDev |
|--------------------|-------|------|------|-------|
| b1, hhhh(rg0[m/s]) | -7.69 | 7.83 | 0.24 | 3.40 |