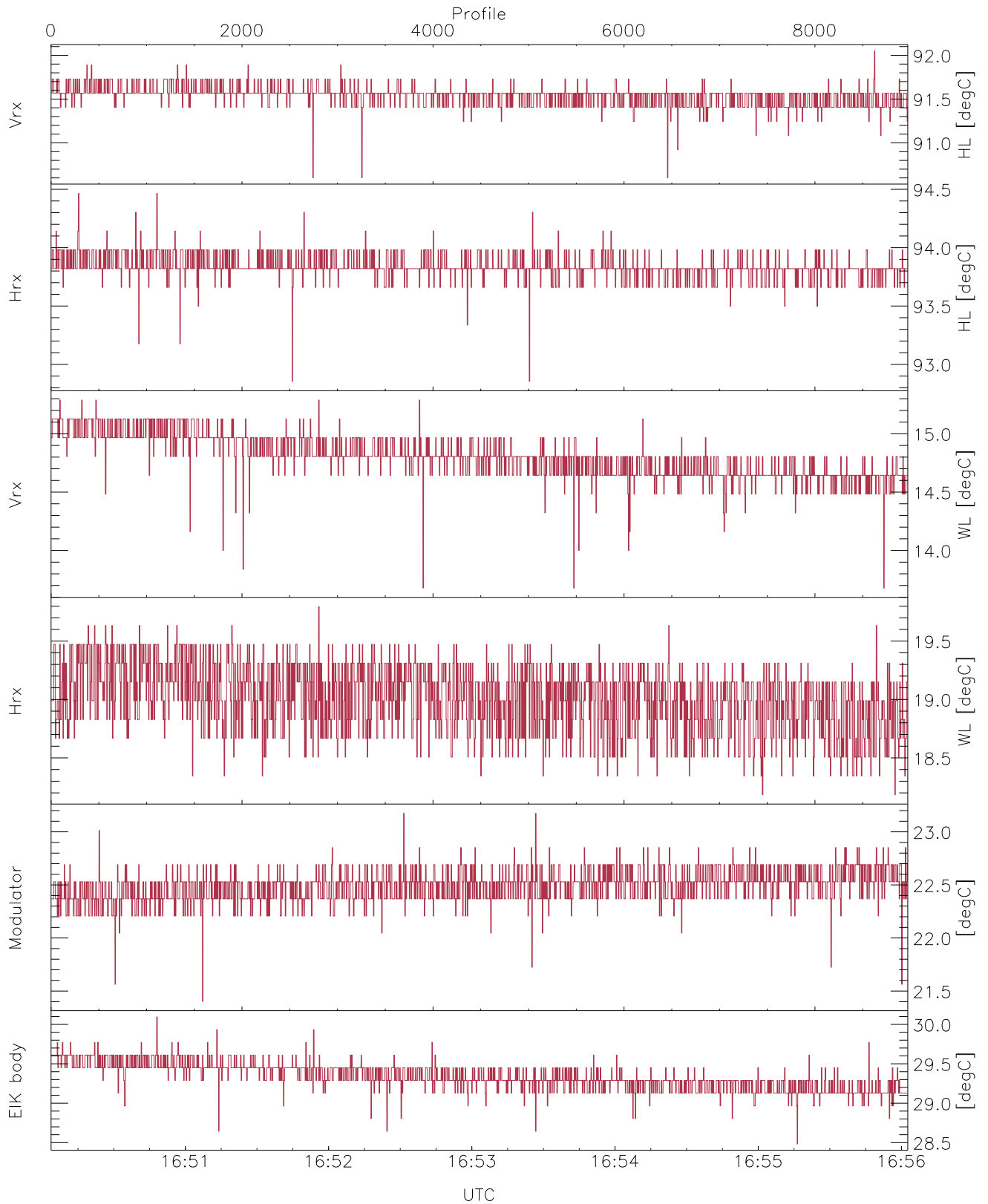


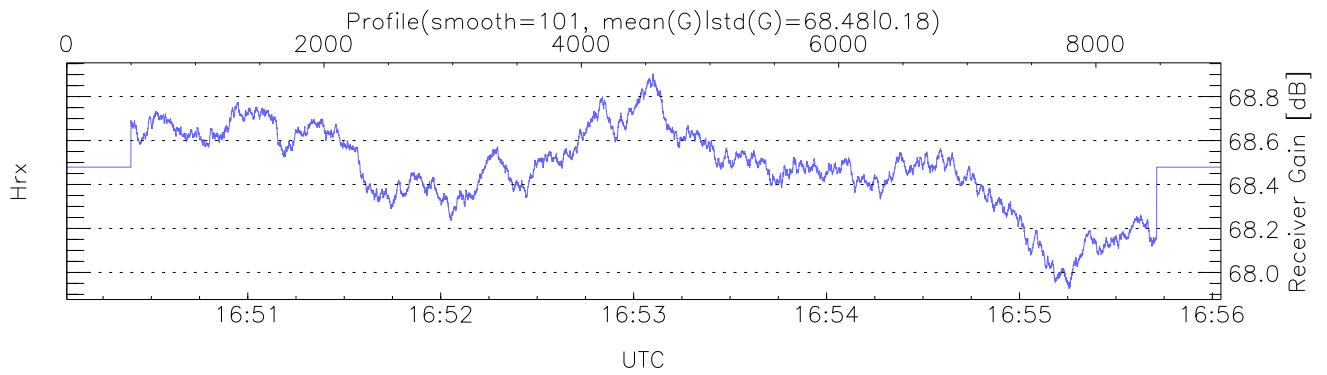
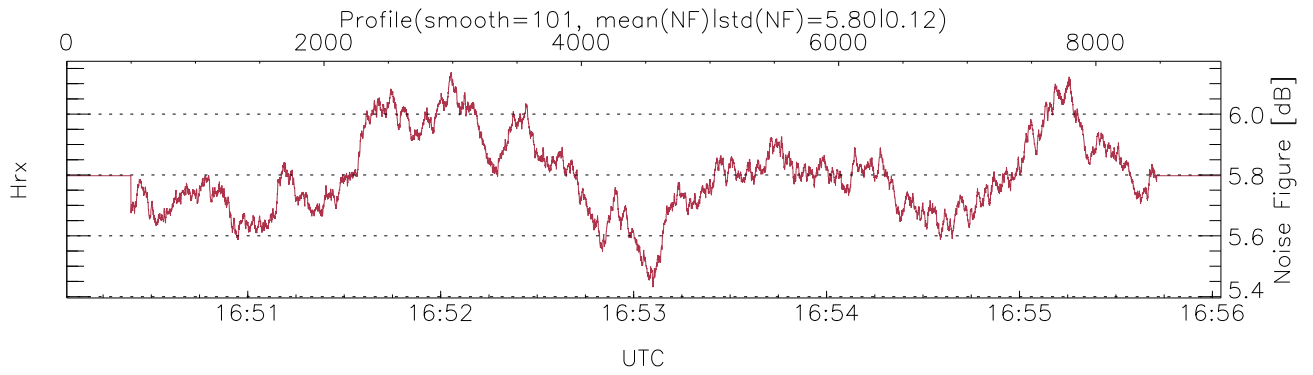
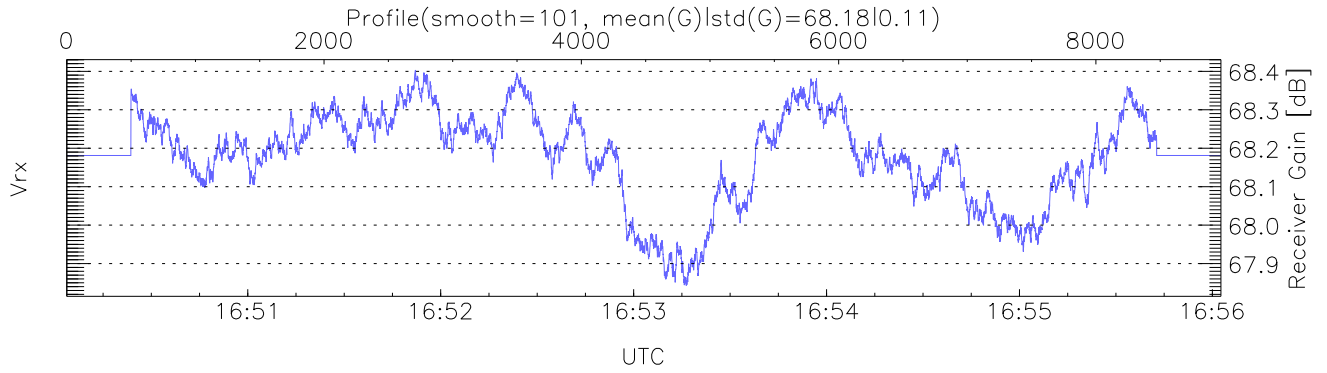
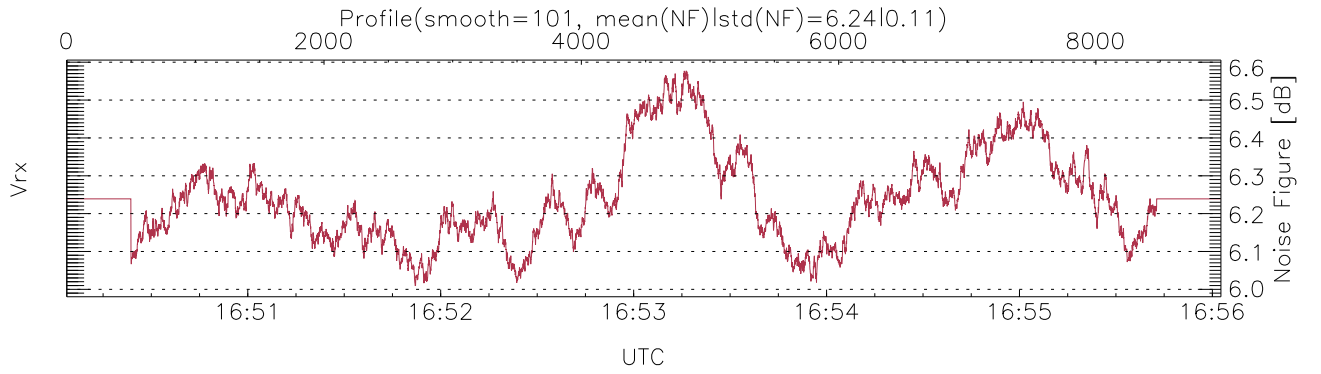
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

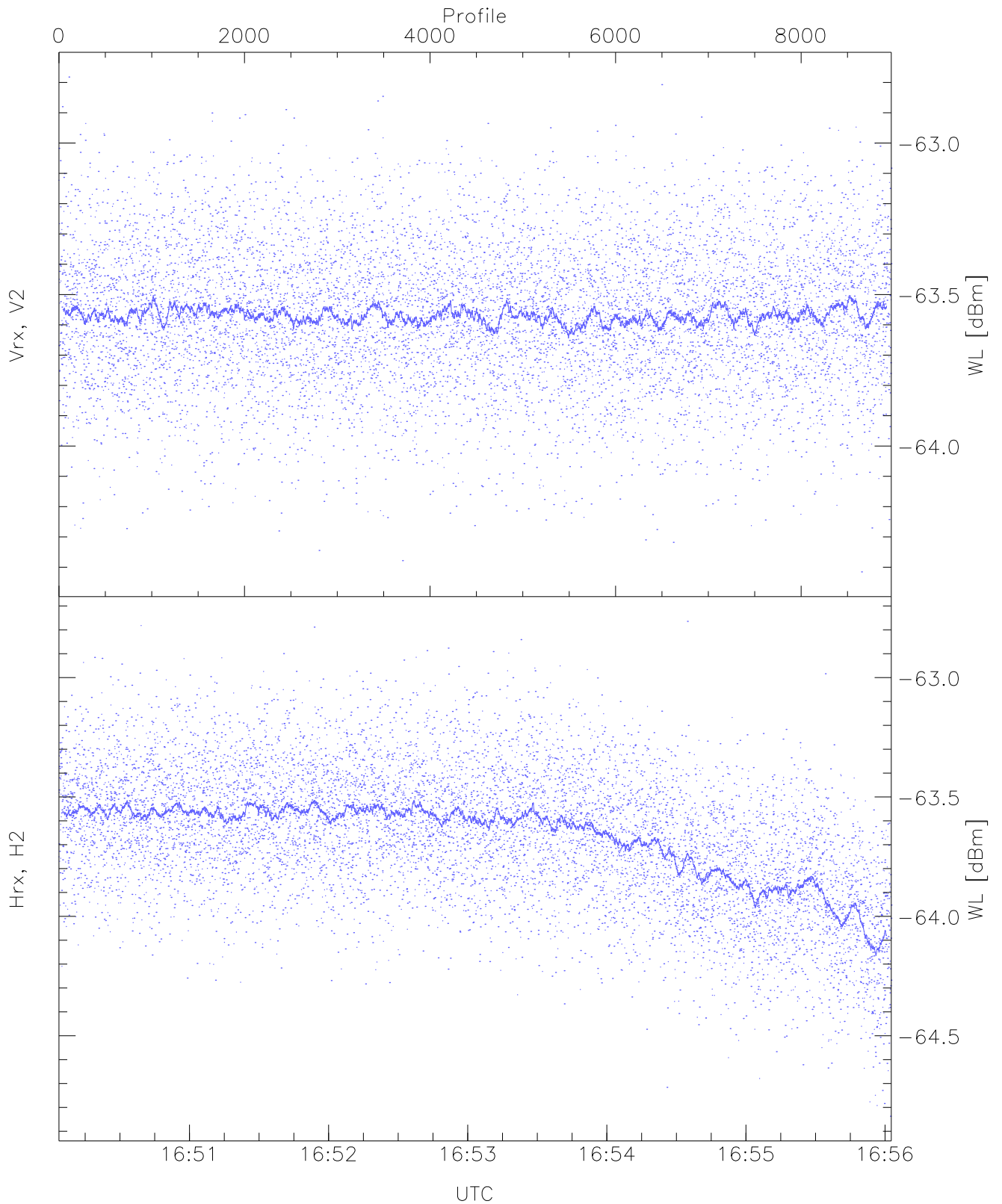
UTC: 16:50:04-16:56:03, Dur: 358.97s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 40.0,40.0,40.0,0.0 ms / 25,25,25
 NumRec(r/t): 8973/8973, 0-8972/16:50:04-16:56:03
 AcqTime: 40.0ms, Rate: 147KB/s, Averages: 200
 Pulse: 250ns, IFF: 4.0MHz, Tx: V2 V2 H2 H2
 PRF: 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rgs): 105,3183,15.0 m, Gates: 206, Aspect: 3.3



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

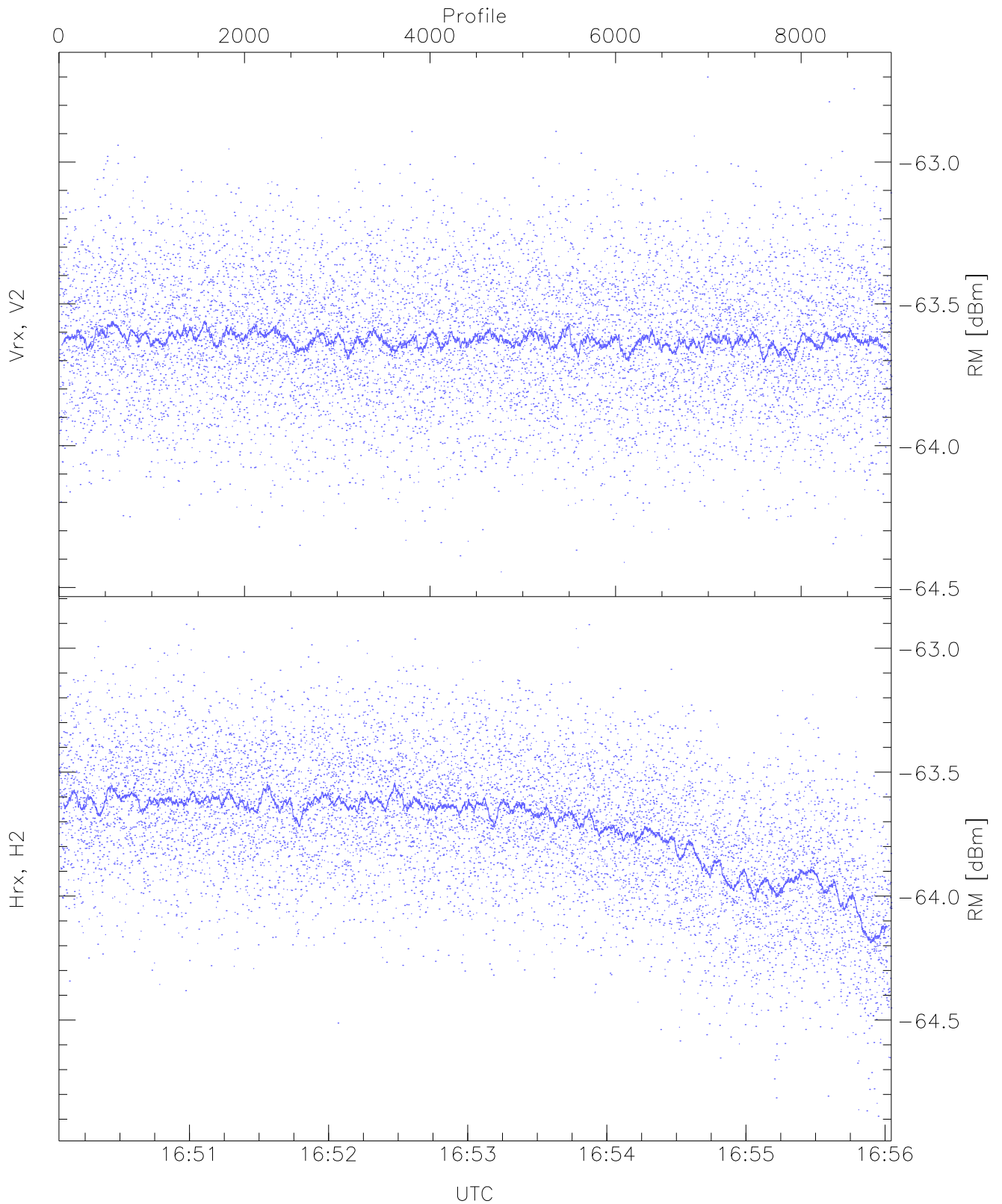
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,13,18,21,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,15,19,23,30
LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,7,0
EIK/Modulator Faults: None





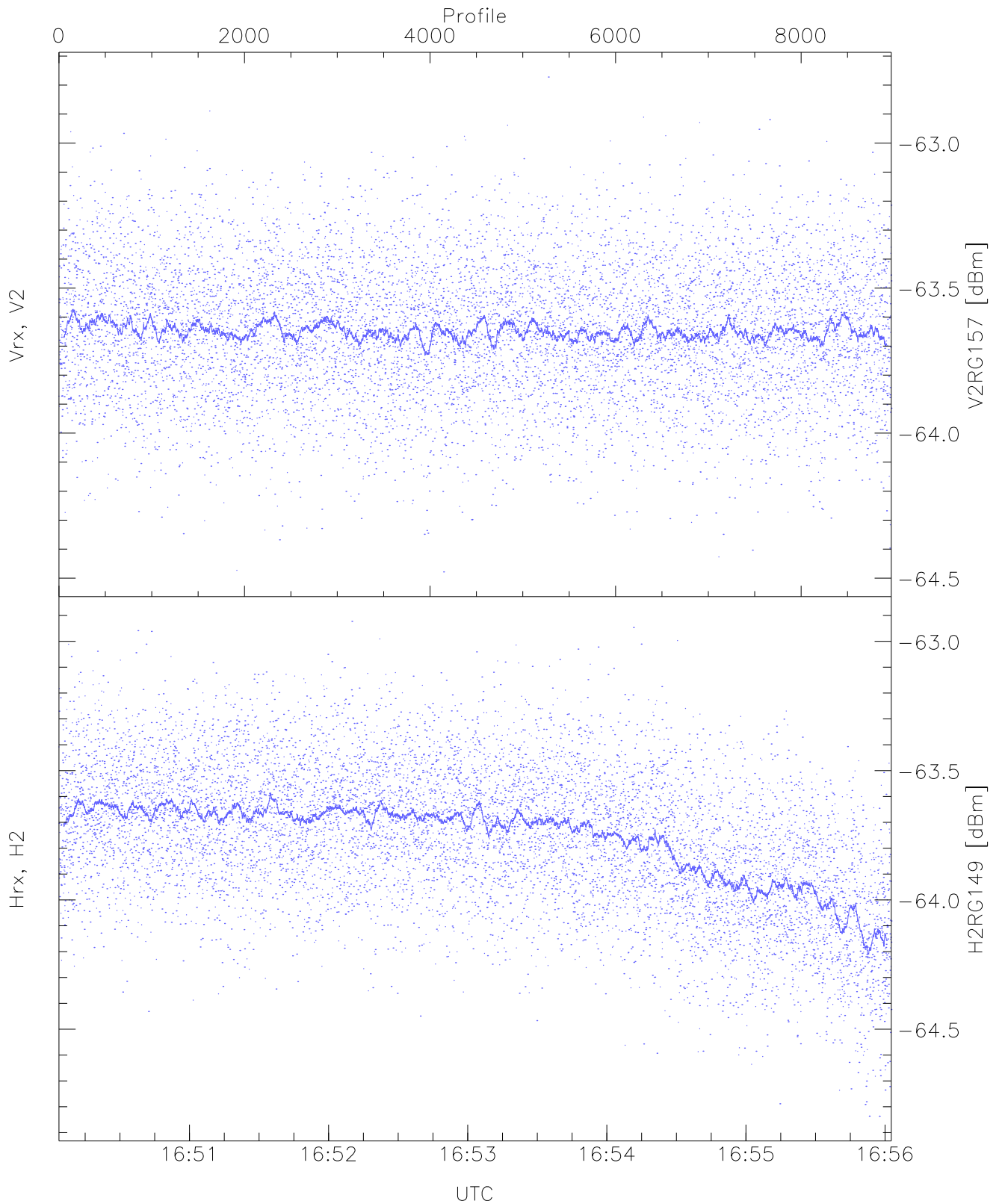
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| Vrx, V2(WL [dBm]) | -64.42 | -62.78 | -63.56 | -63.57 | -76.48 |
| Hrx, H2(WL [dBm]) | -64.84 | -62.76 | -63.66 | -63.65 | -75.63 |



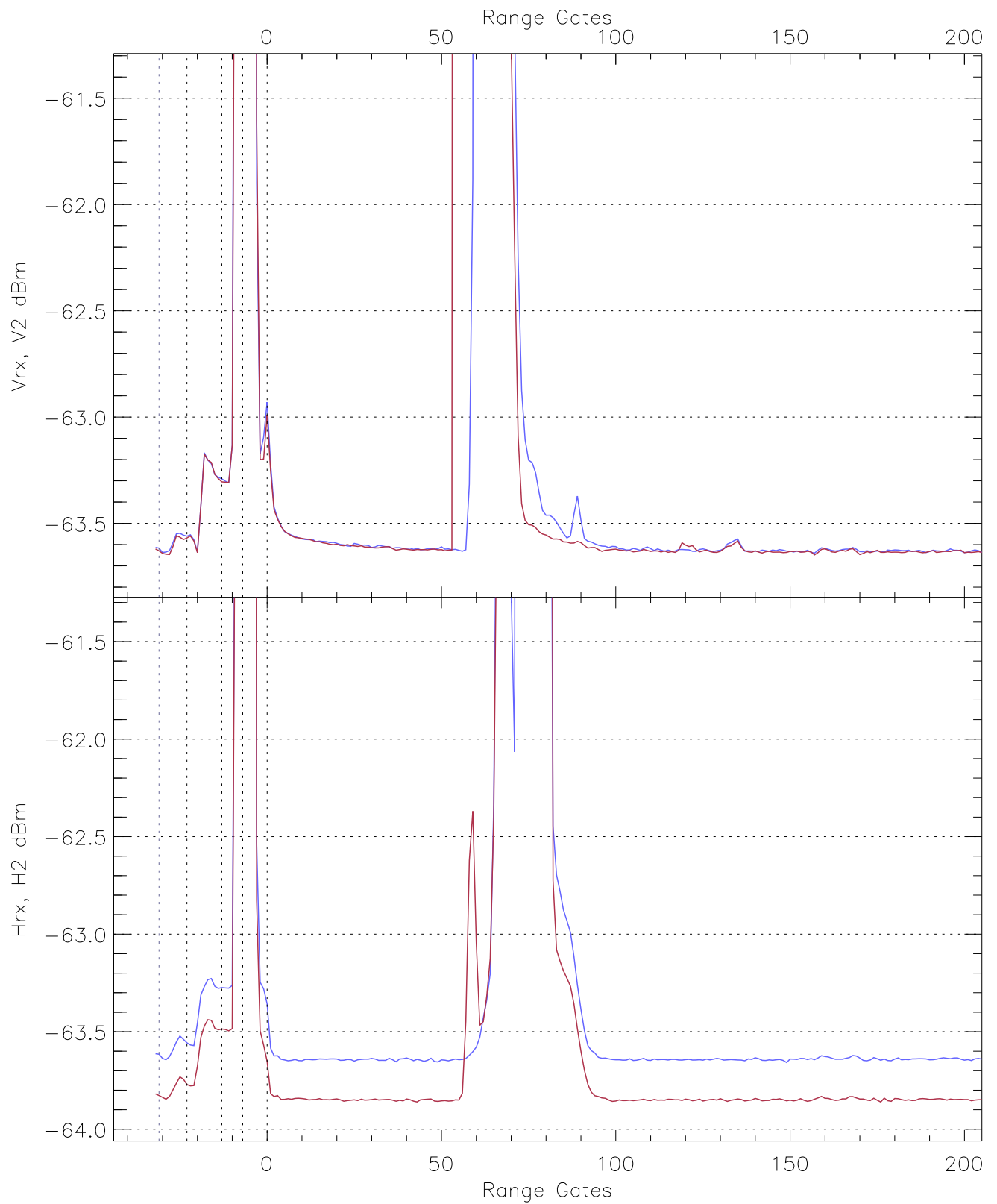
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| Vrx, V2(RM [dBm]) | -64.44 | -62.70 | -63.62 | -63.63 | -76.51 |
| Hrx, H2(RM [dBm]) | -64.89 | -62.89 | -63.72 | -63.71 | -75.74 |

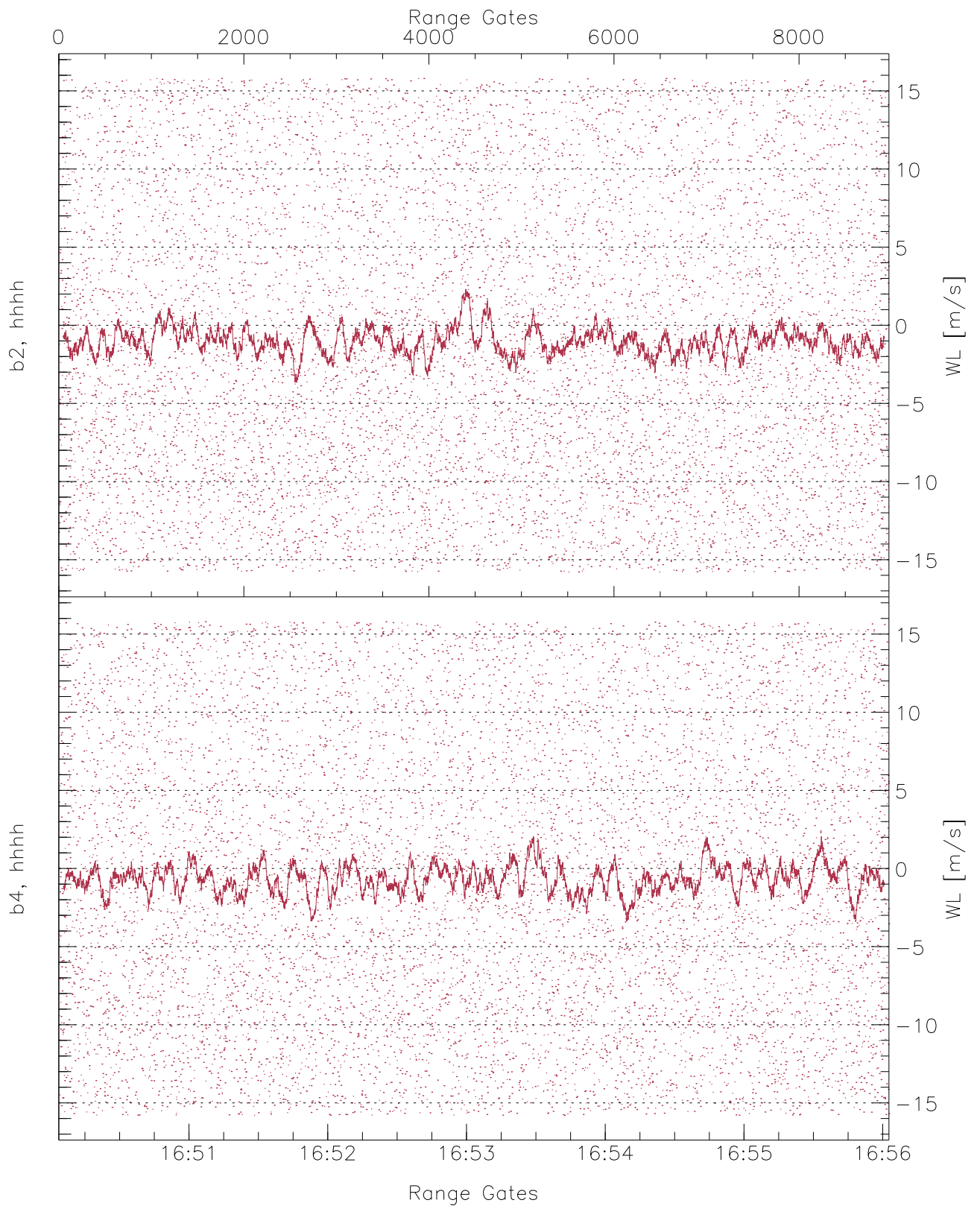


WCR2 CPP "Best" estimate Receivers Noise Power

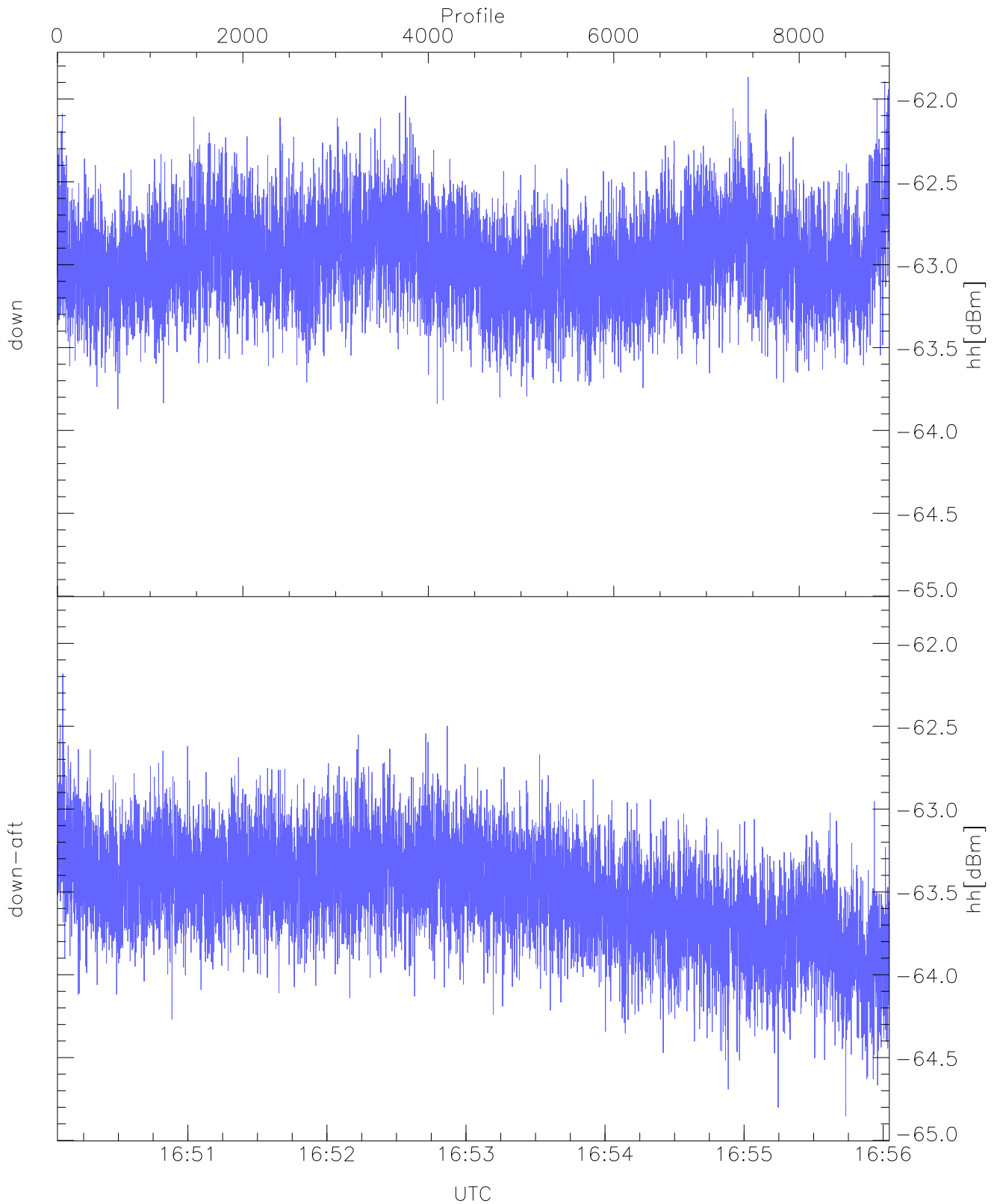
| | Min | Max | Mean | Median | StDev |
|---------------|--------|--------|--------|--------|--------|
| V2RG157 [dBm] | -64.48 | -62.77 | -63.64 | -63.65 | -76.55 |
| H2RG149 [dBm] | -64.84 | -62.92 | -63.75 | -63.75 | -75.82 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 165004-165303, 4487 profiles averaged
red: 165303-165603, 4487 profiles averaged

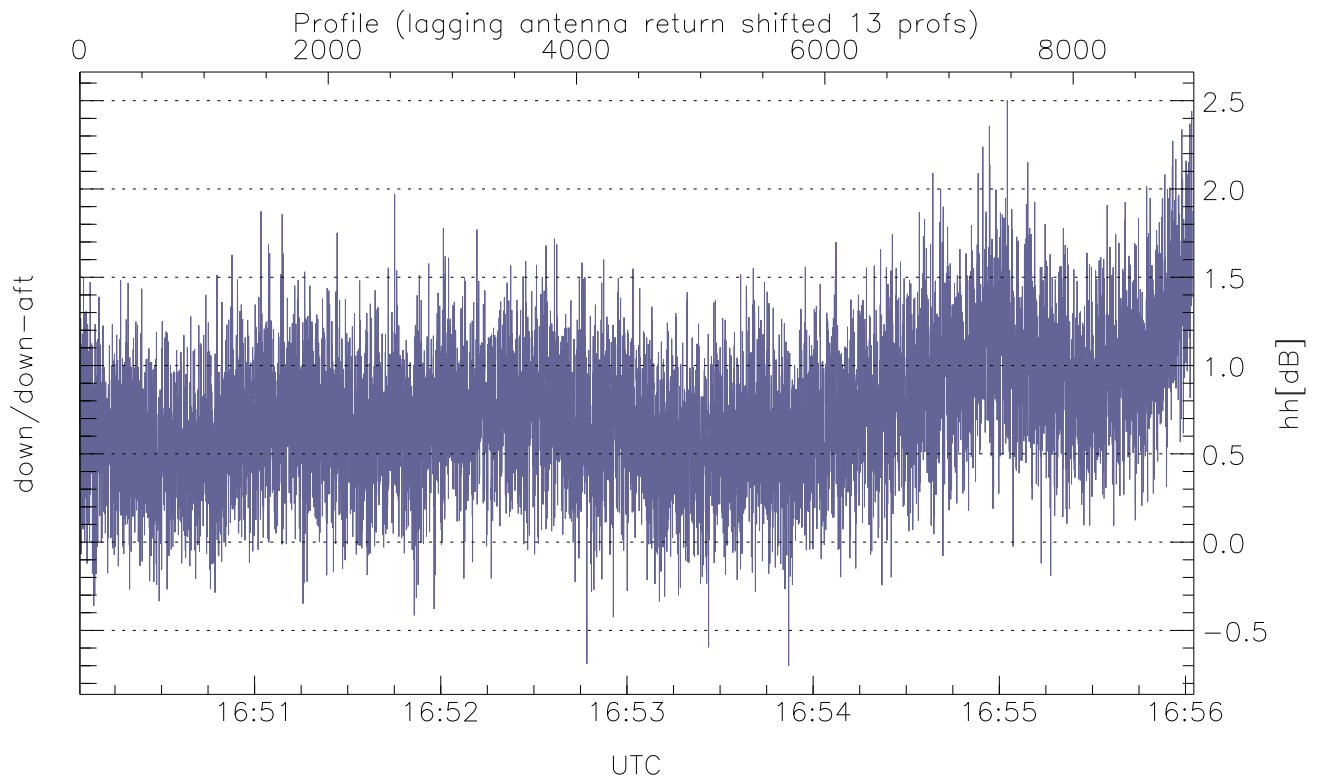


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



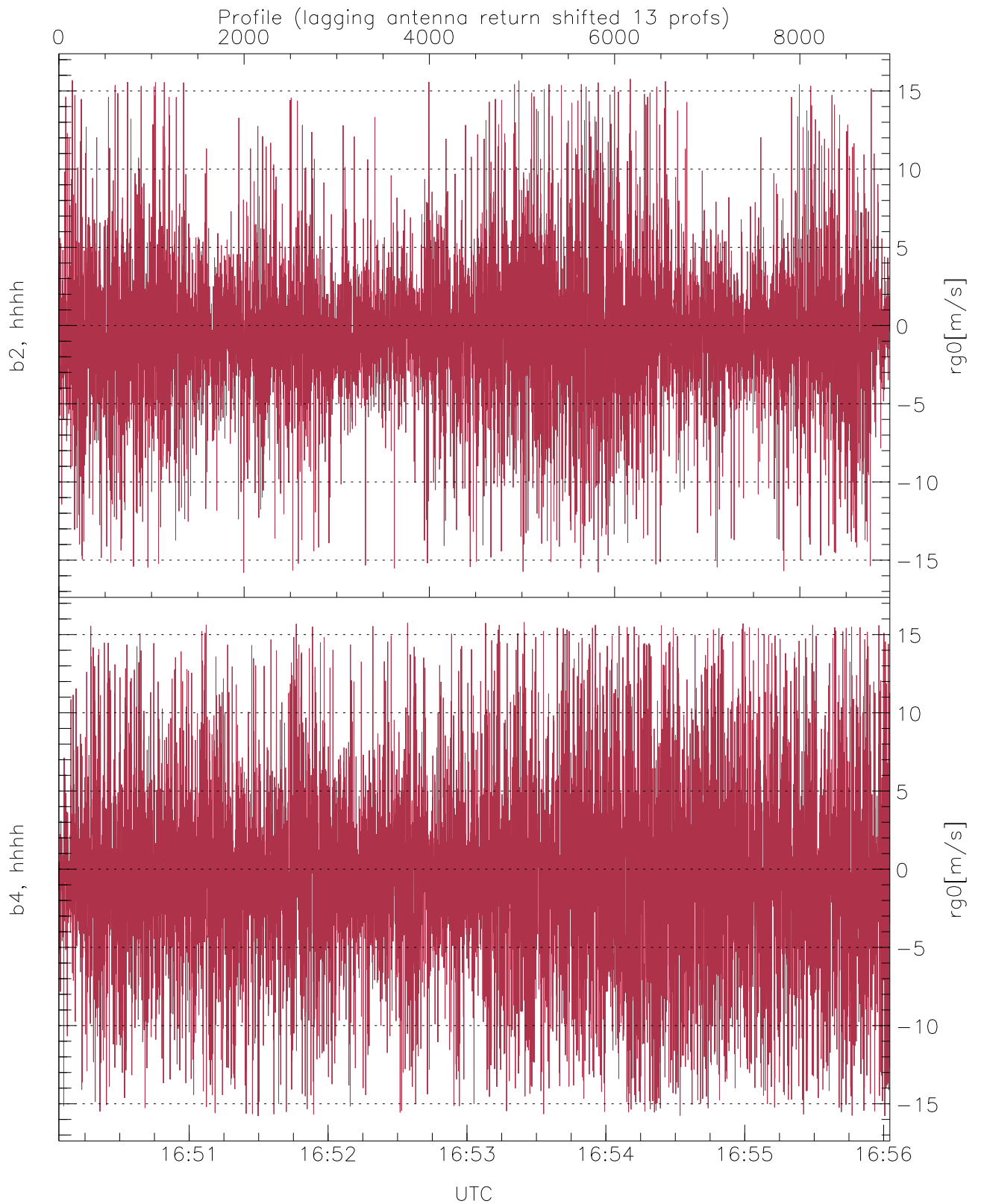
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|-------------------|--------|--------|--------|
| down(hh[dBm]) | -63.87 | -61.87 | -62.96 |
| down-aft(hh[dBm]) | -64.85 | -62.18 | -63.50 |



WCR2 CPP Received Power Ratio; Range gates used: 0,1 (105,120 m)

| | Min | Max | Mean |
|-----------------------|-------|------|------|
| down/down-aft(hh[dB]) | -0.70 | 2.50 | 0.74 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|--------------------|--------|-------|-------|-------|
| b2, hhhh(rg0[m/s]) | -15.80 | 15.77 | -0.48 | 4.25 |
| b4, hhhh(rg0[m/s]) | -15.79 | 15.79 | -0.50 | 5.59 |