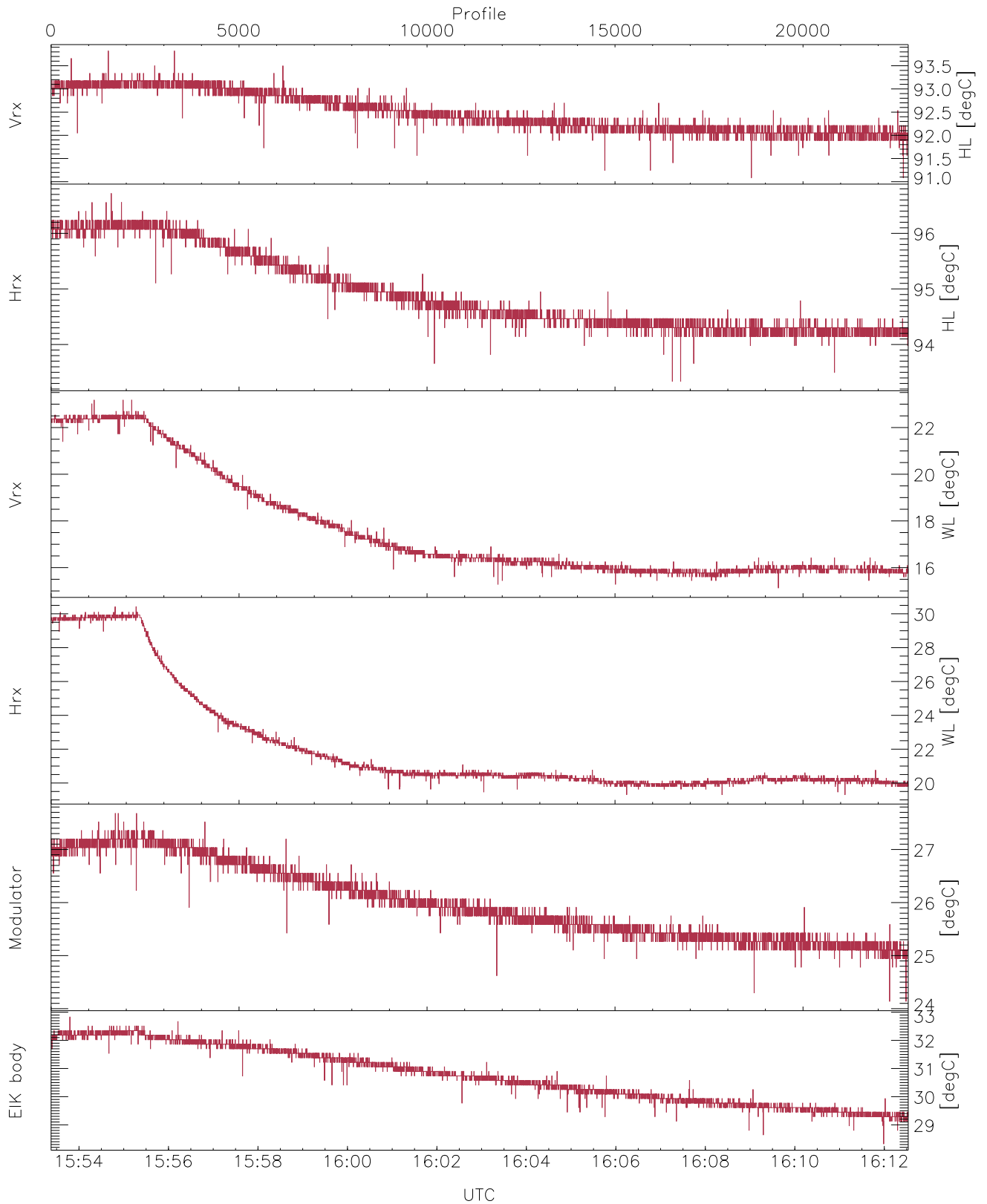


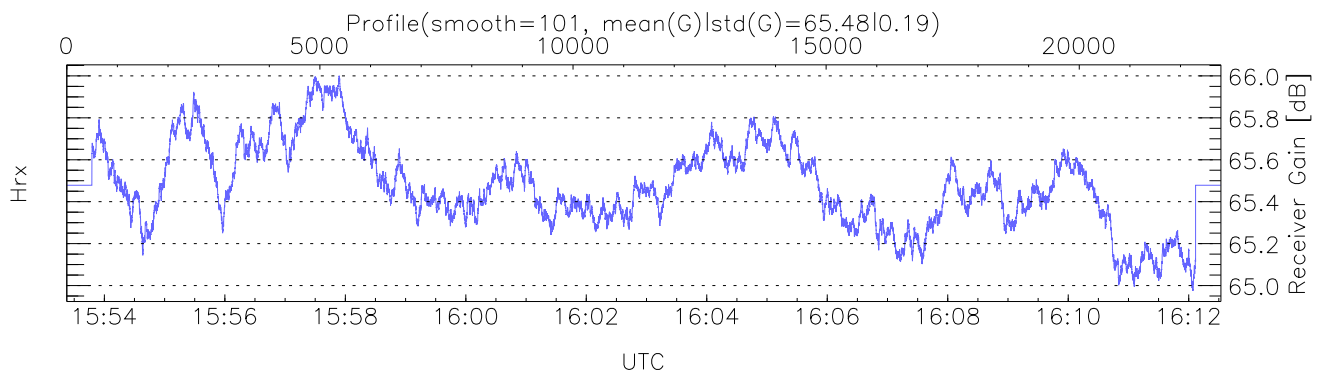
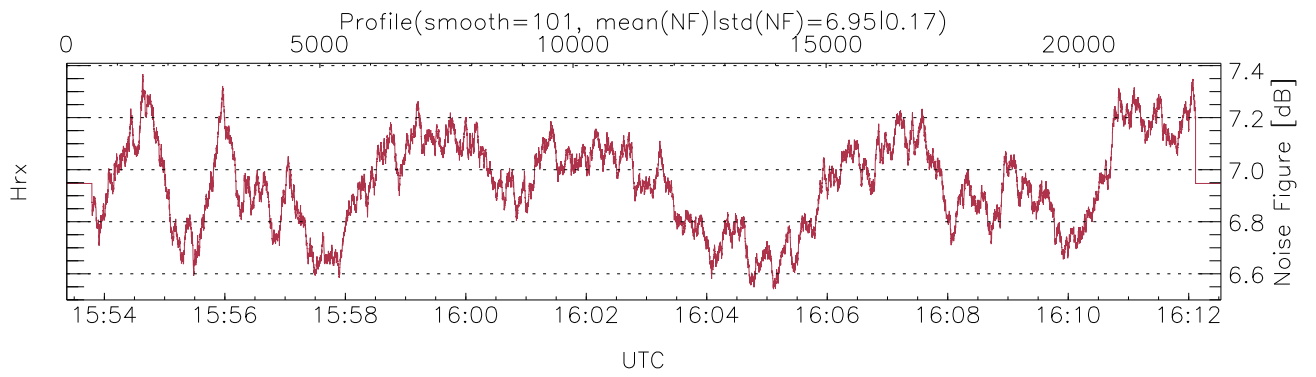
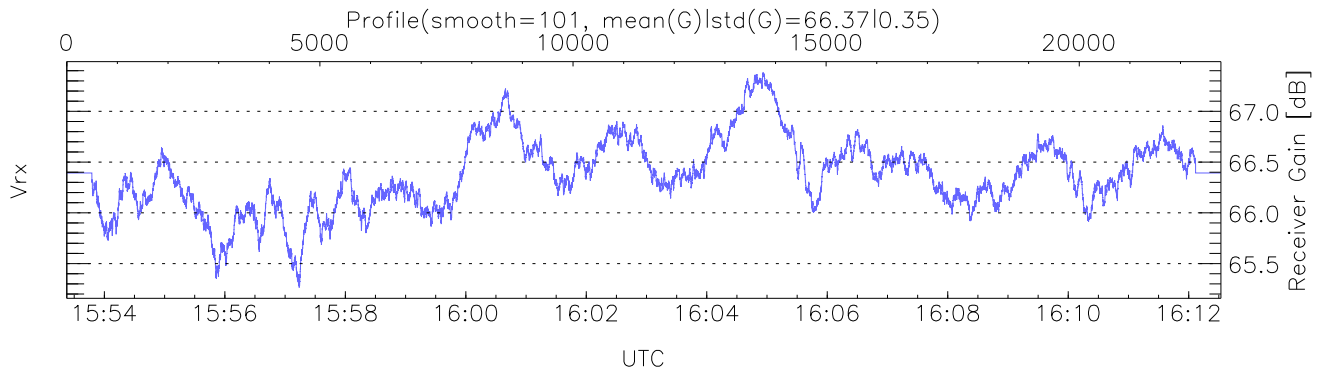
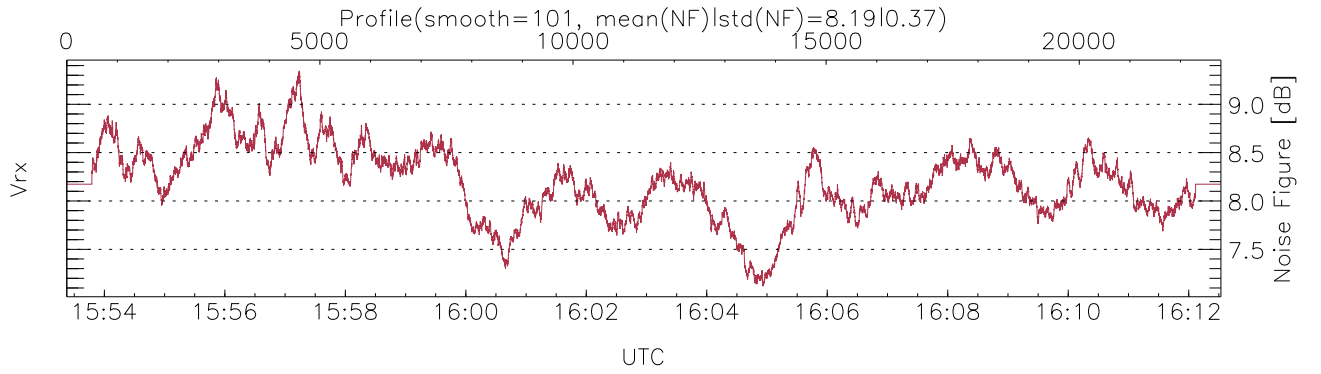
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

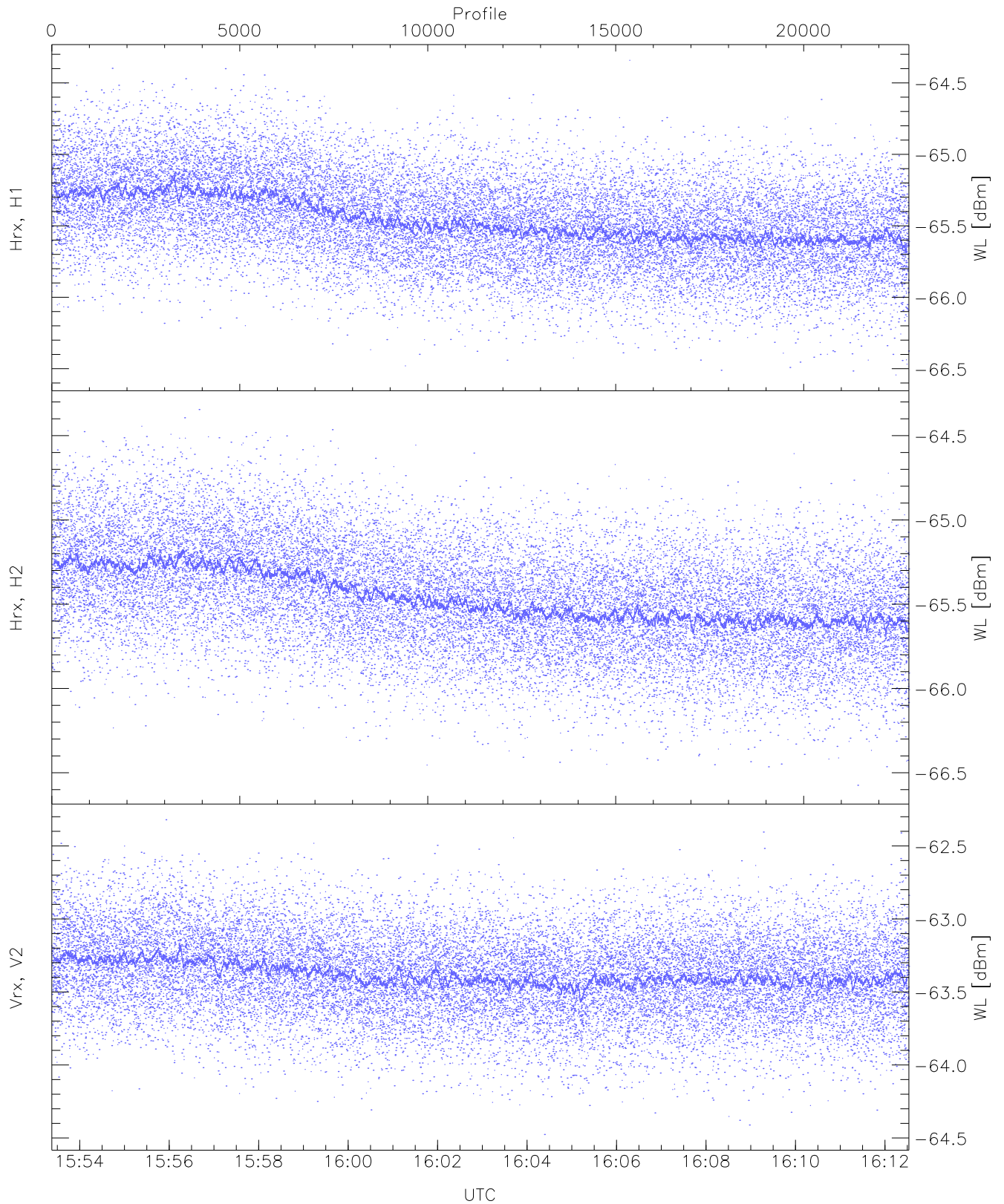
UTC: 15:53:23-16:19:51, Dur: 1588.51s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22800/31506, 0-22799/15:53:23-16:12:32
 AcqTime: 50.4ms, Rate: 384KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 16.7 16.7 16.7 16.7 16.7 KHz, IGS: 60us
 Range(min,max,rgs): 105,7689,15.0 m, Gates: 506, Aspect: 2.6



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

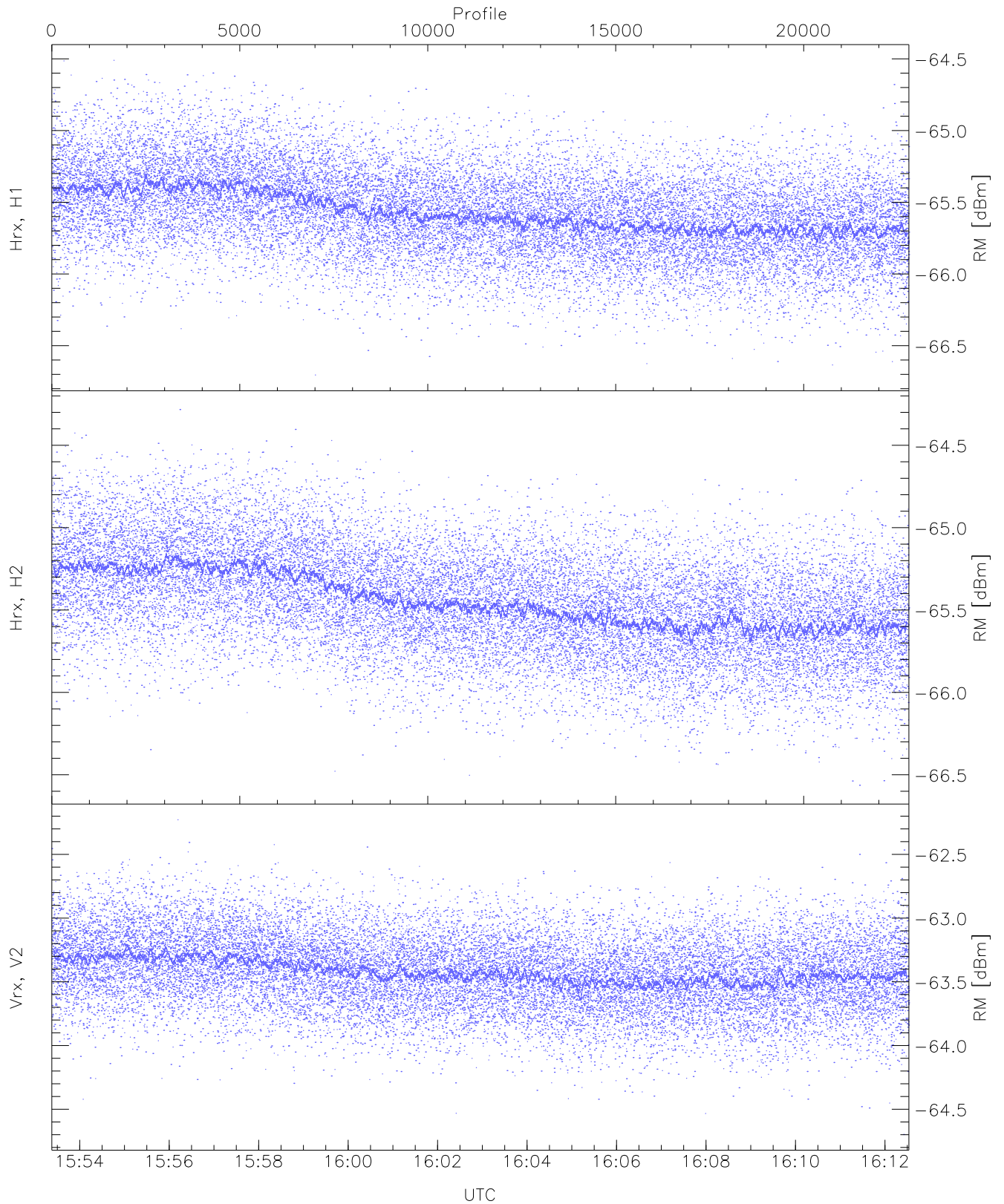
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,15,19,24,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,96,23,30,27,32
 LOalarm(20,80,240,2.8,14.8 MHz): 16,0,0,17,0
 EIK/Modulator Faults: None





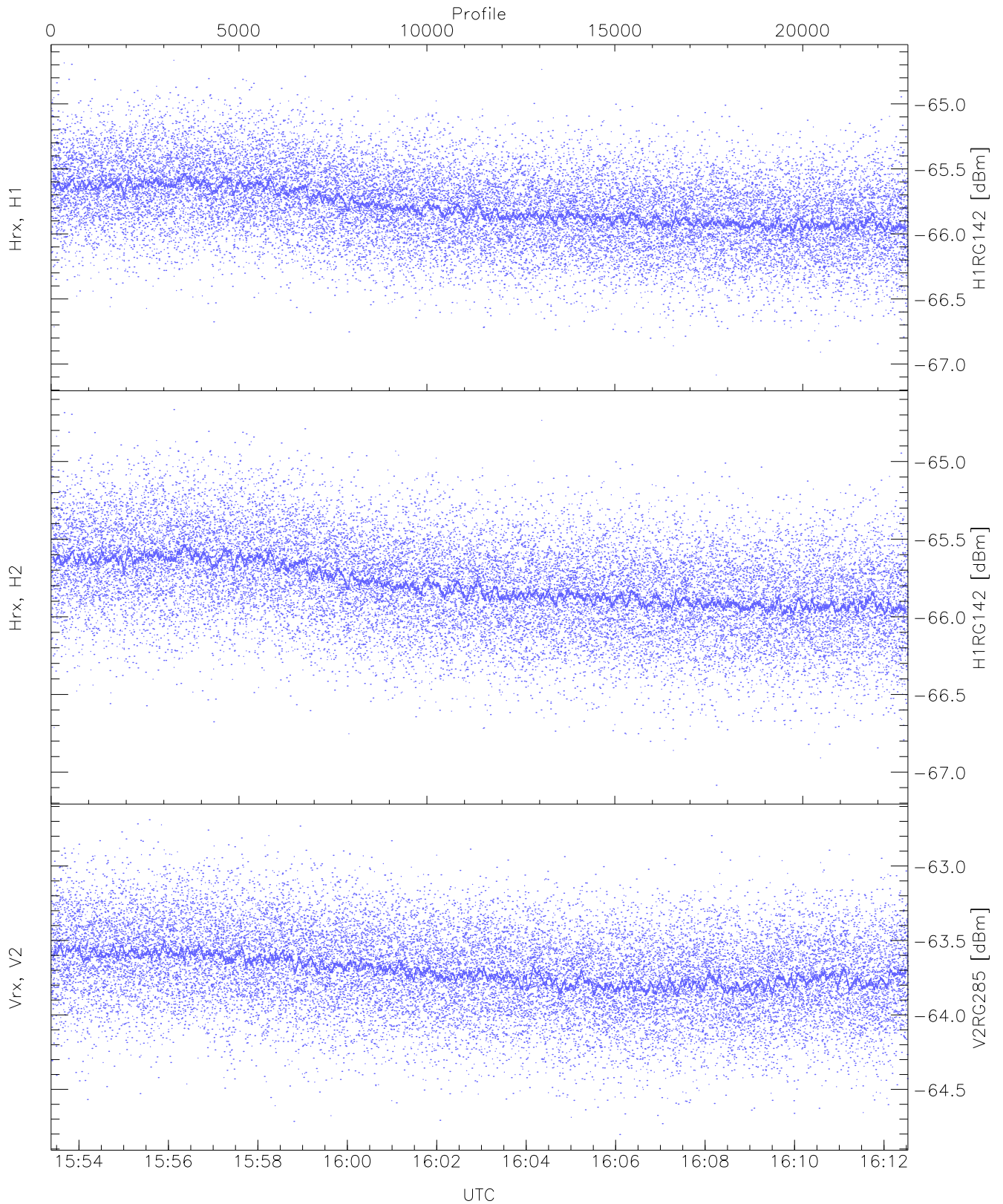
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| Hrx, H1(WL [dBm]) | -66.54 | -64.34 | -65.45 | -65.46 | -77.06 |
| Hrx, H2(WL [dBm]) | -66.57 | -64.35 | -65.45 | -65.47 | -77.04 |
| Vrx, V2(WL [dBm]) | -64.48 | -62.32 | -63.38 | -63.38 | -75.40 |



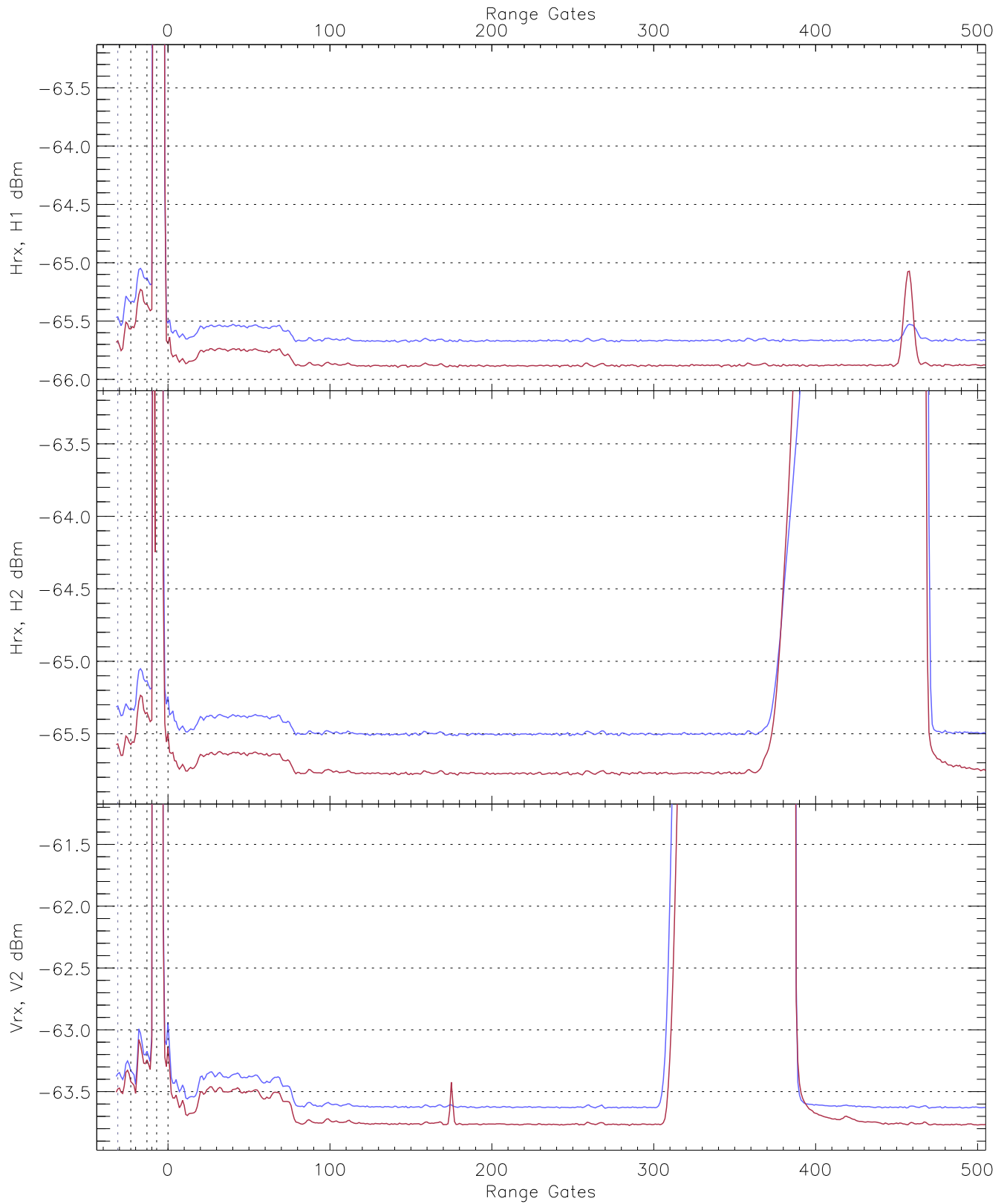
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -66.70 | -64.51 | -65.57 | -65.57 | -77.31 |
| Hrx, H2 (RM [dBm]) | -66.56 | -64.28 | -65.44 | -65.45 | -76.95 |
| Vrx, V2 (RM [dBm]) | -64.70 | -62.23 | -63.42 | -63.42 | -75.37 |

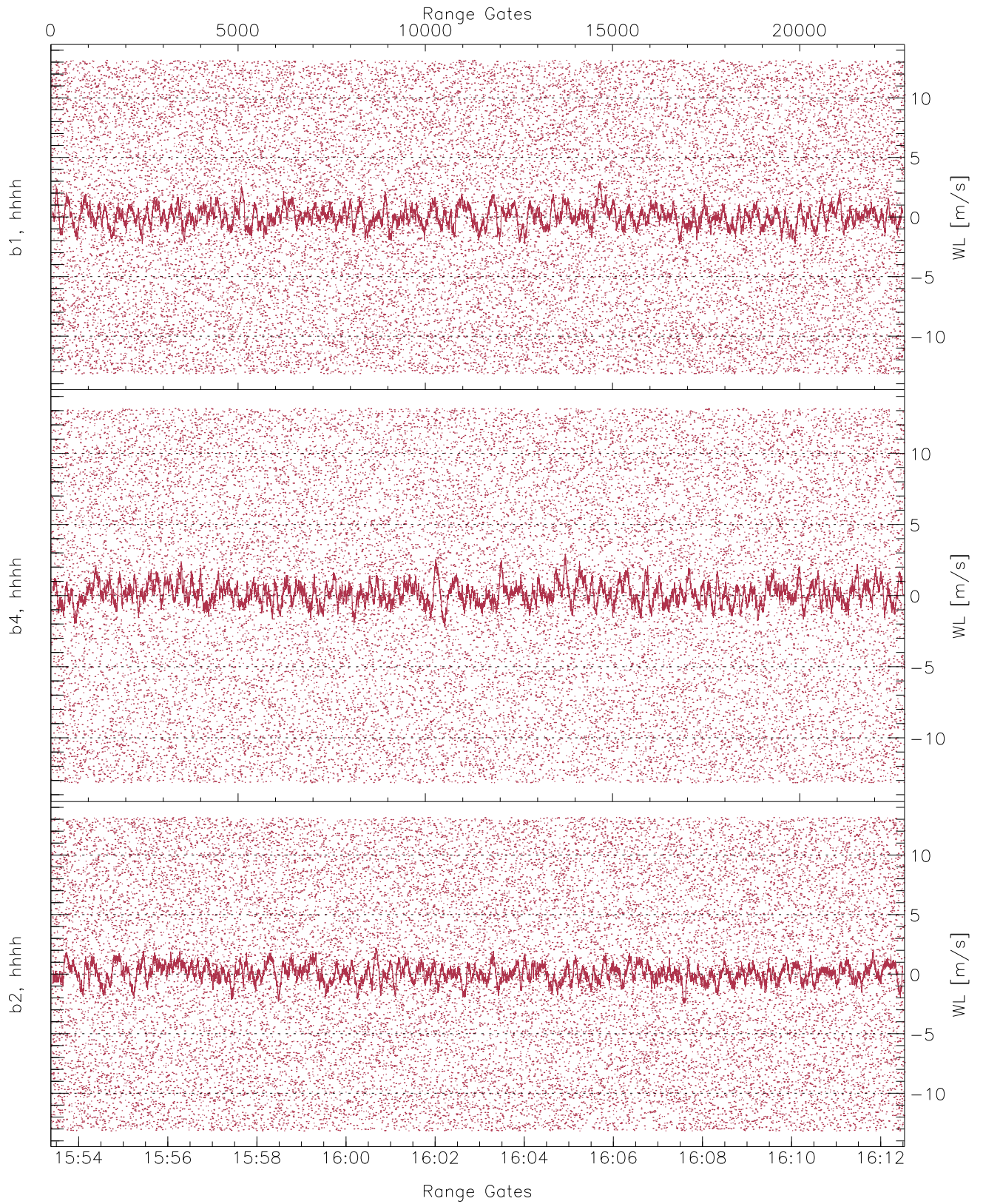


WCR2 CPP "Best" estimate Receivers Noise Power

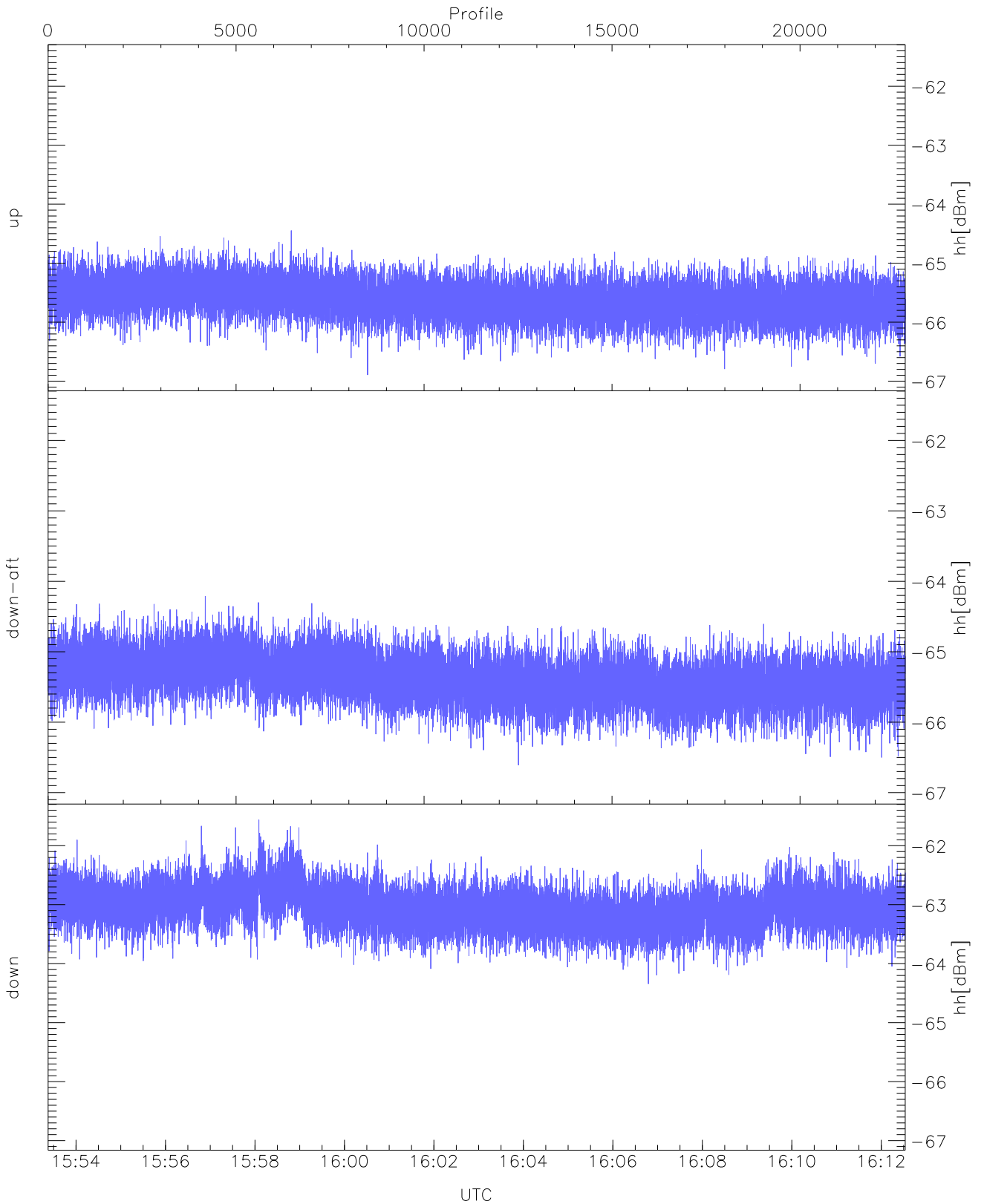
| | Min | Max | Mean | Median | StDev |
|---------------|--------|--------|--------|--------|--------|
| H1RG142 [dBm] | -67.08 | -64.67 | -65.79 | -65.80 | -77.44 |
| H1RG142 [dBm] | -67.08 | -64.67 | -65.79 | -65.80 | -77.44 |
| V2RG285 [dBm] | -64.80 | -62.69 | -63.70 | -63.71 | -75.64 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 155323-160257, 11401 profiles averaged
red: 160257-161232, 11400 profiles averaged

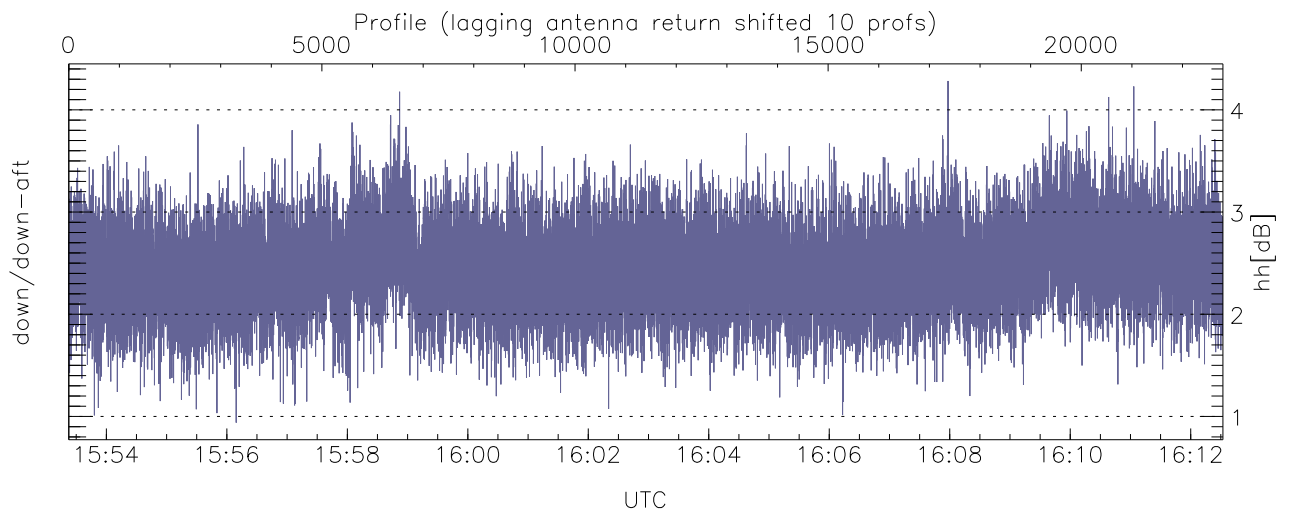
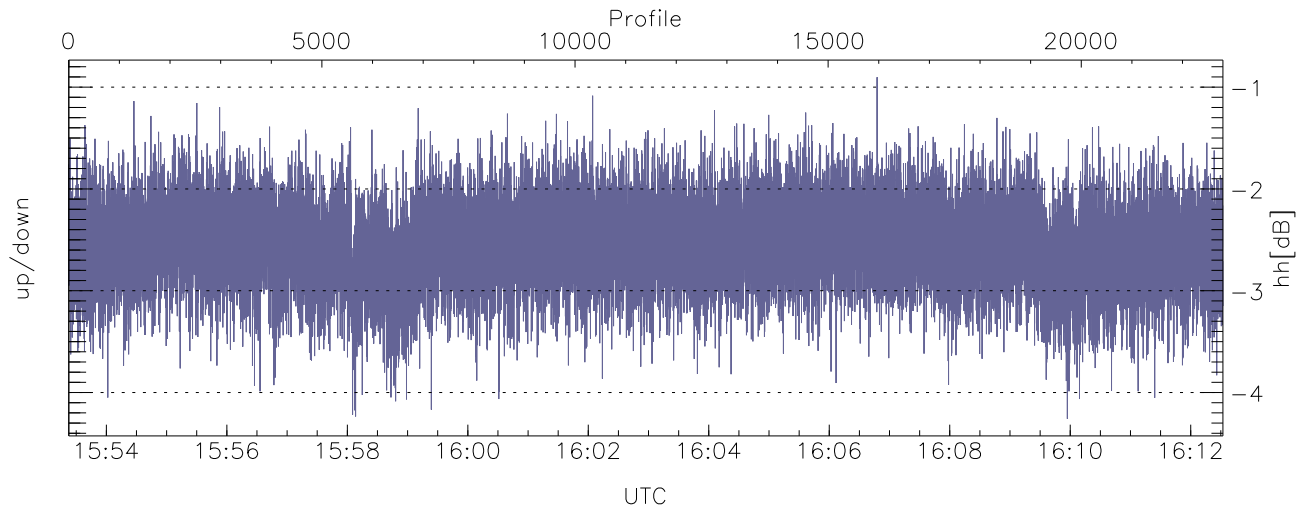


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



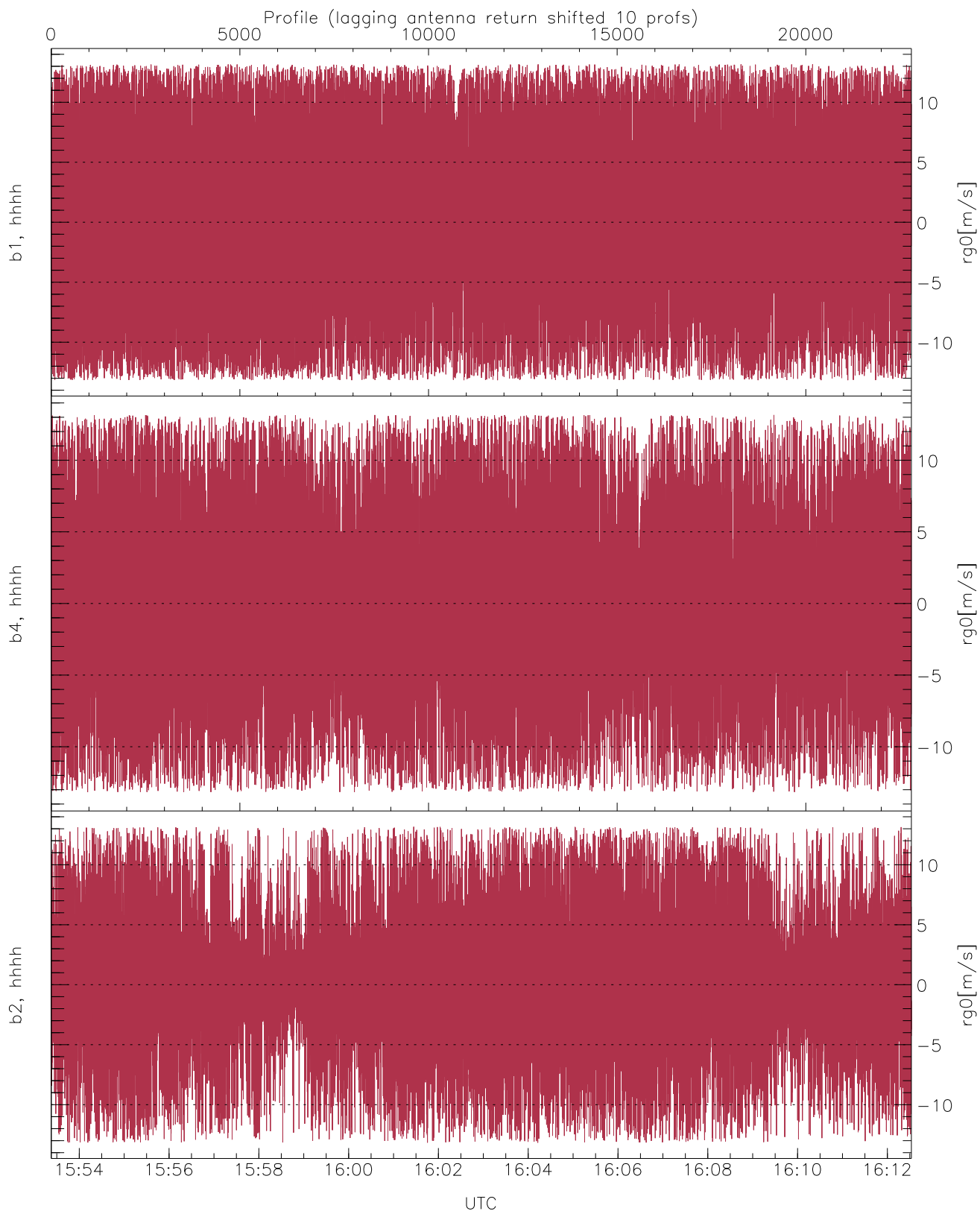
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|-------------------|--------|--------|--------|
| up(hh[dBm]) | -66.90 | -64.45 | -65.60 |
| down-aft(hh[dBm]) | -66.61 | -64.21 | -65.37 |
| down(hh[dBm]) | -64.34 | -61.56 | -63.04 |



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

| | Min | Max | Mean |
|-----------------------|-------|-------|-------|
| up/down(hh[dB]) | -4.26 | -0.90 | -2.37 |
| down/down-aft(hh[dB]) | 0.94 | 4.28 | 2.46 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|--------------------|--------|-------|------|-------|
| b1, hhhh(rg0[m/s]) | -13.17 | 13.16 | 0.51 | 7.34 |
| b4, hhhh(rg0[m/s]) | -13.17 | 13.16 | 0.06 | 6.26 |
| b2, hhhh(rg0[m/s]) | -13.17 | 13.16 | 0.00 | 5.51 |