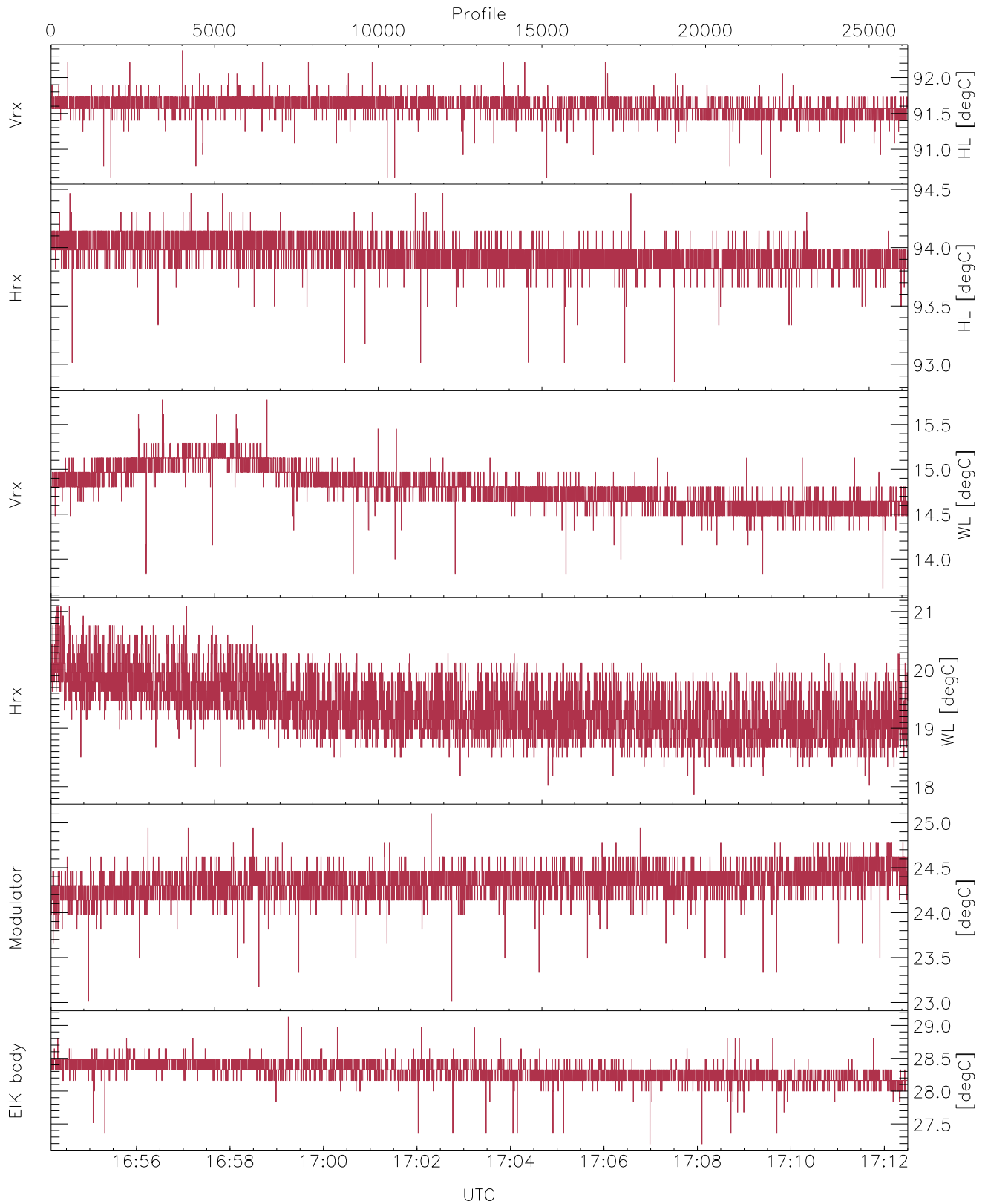


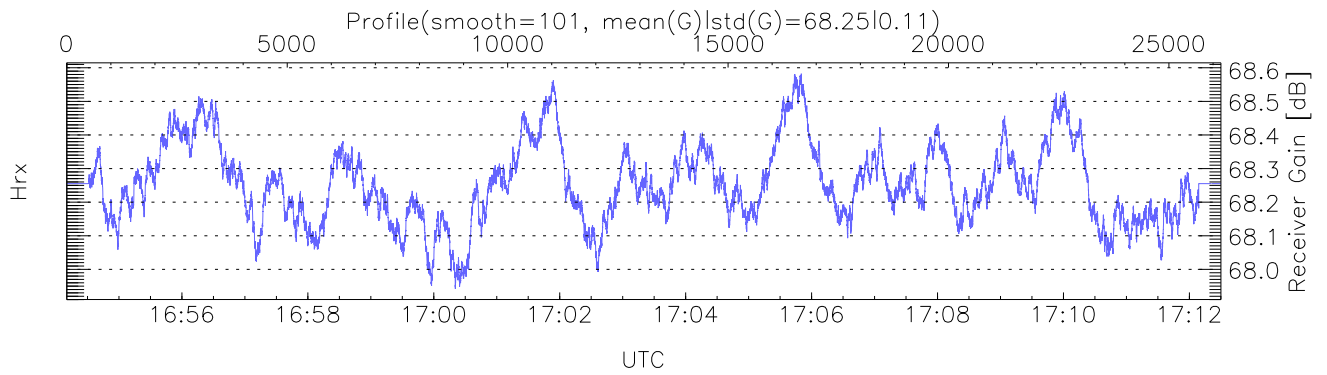
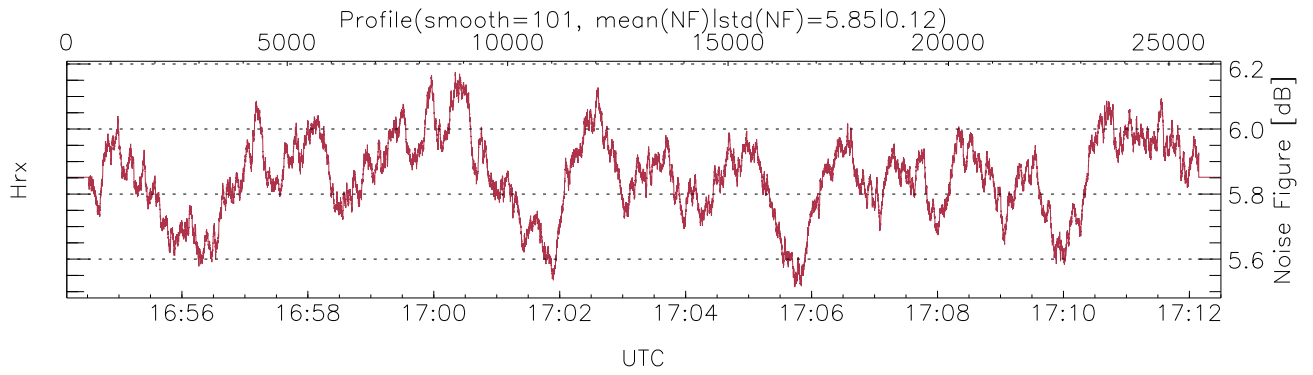
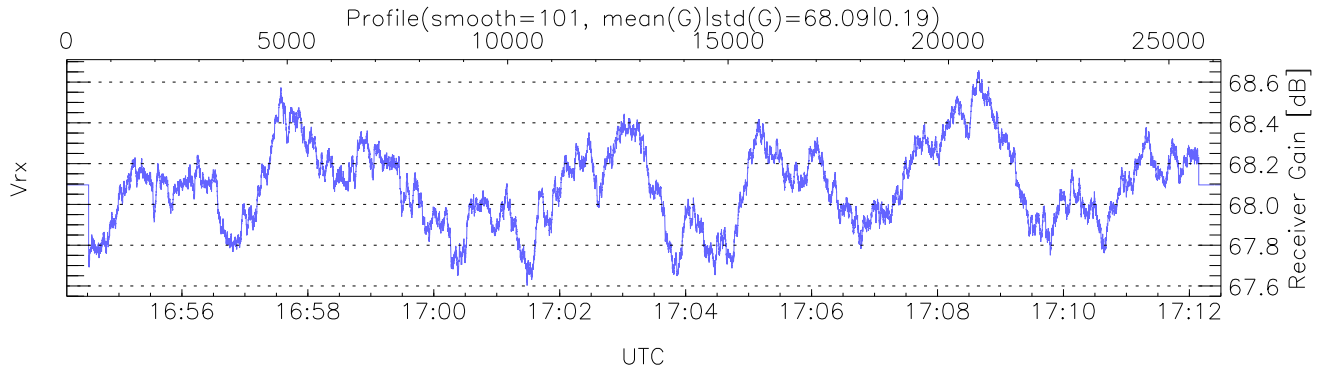
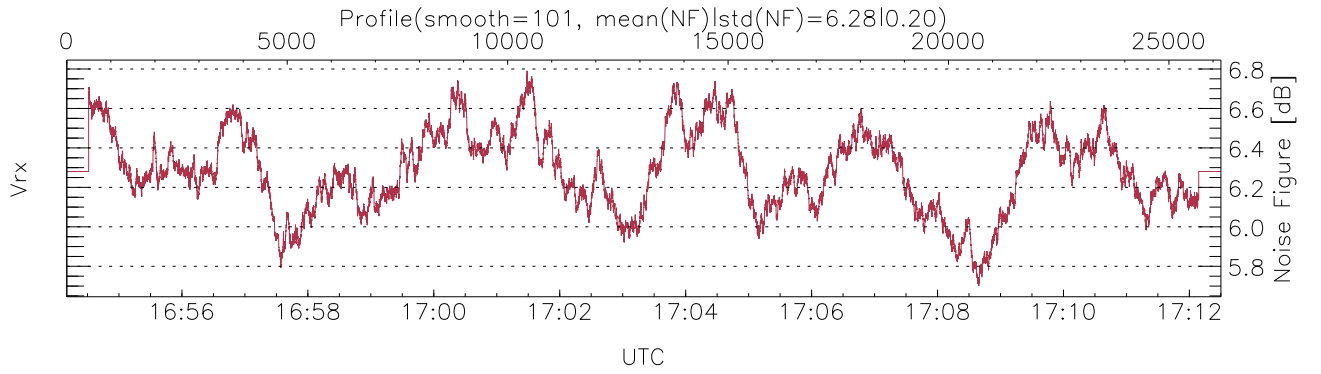
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

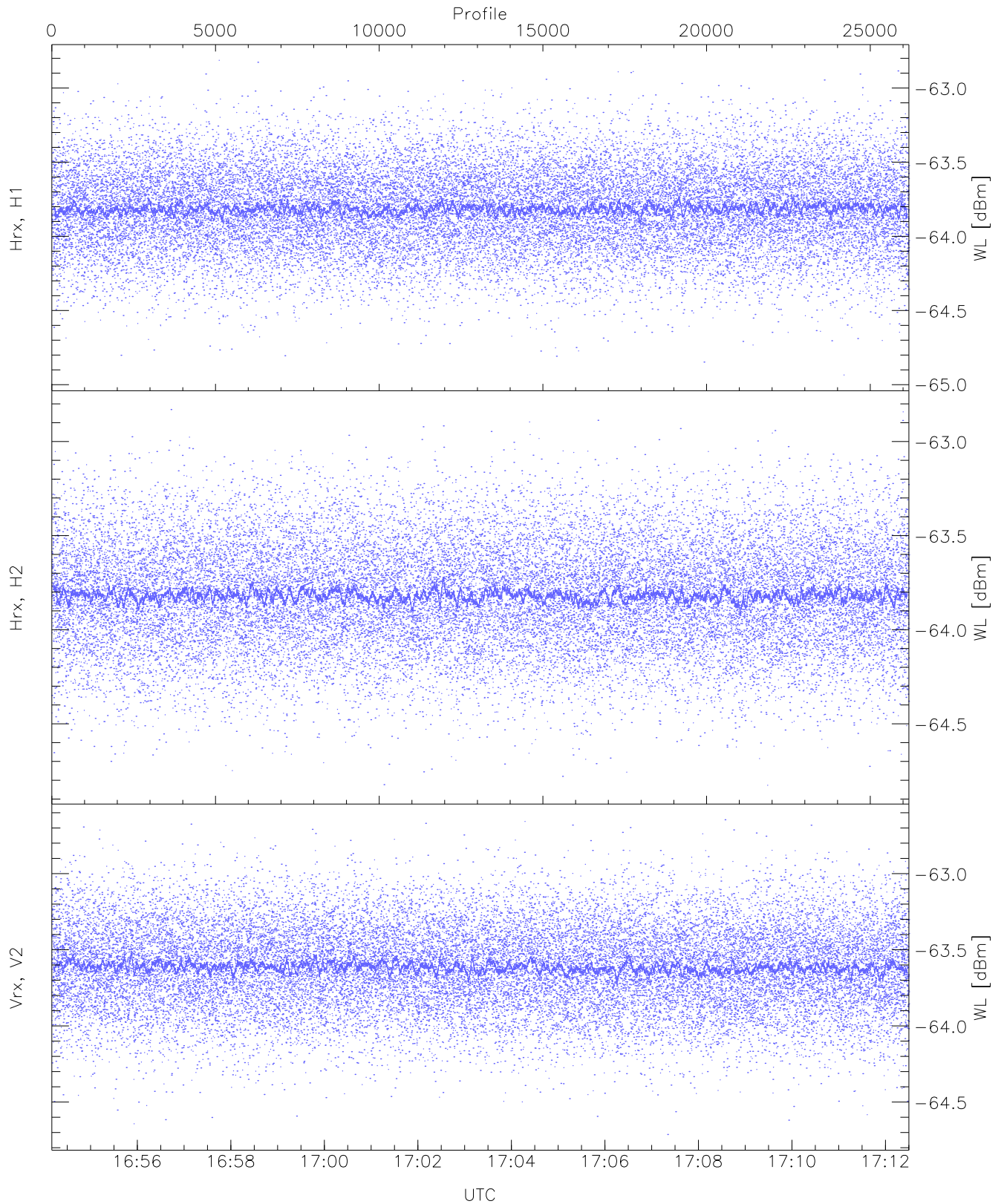
UTC: 16:54:10-17:12:30, Dur: 1099.84s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
 NumRec(r/t): 26181/26181, 0-26180/16:54:10-17:12:30
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rgs): 105,6187,15.0 m, Gates: 406, Aspect: 3.1



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

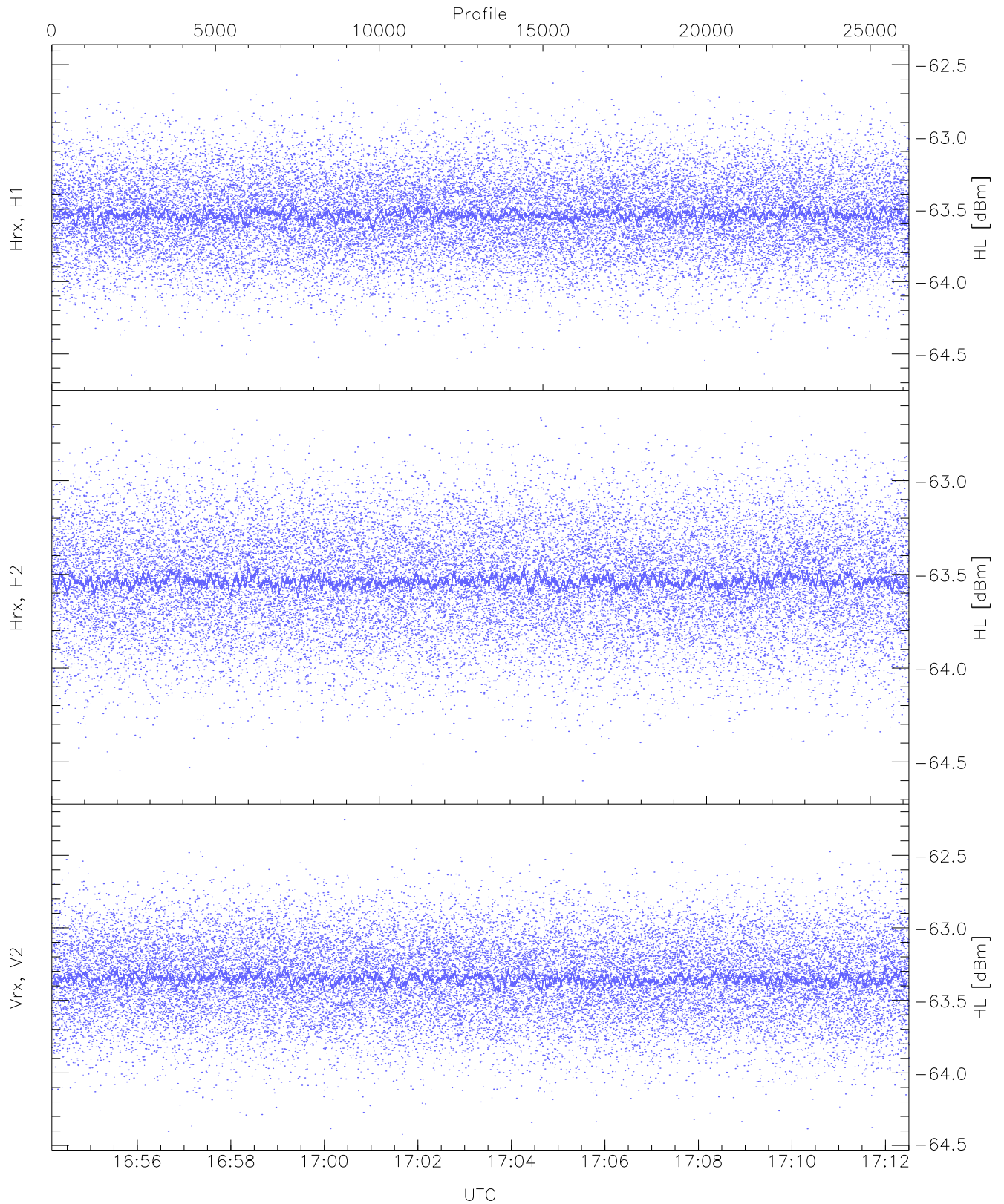
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,13,17,23,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,15,21,25,29
LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,63,0
EIK/Modulator Faults: None





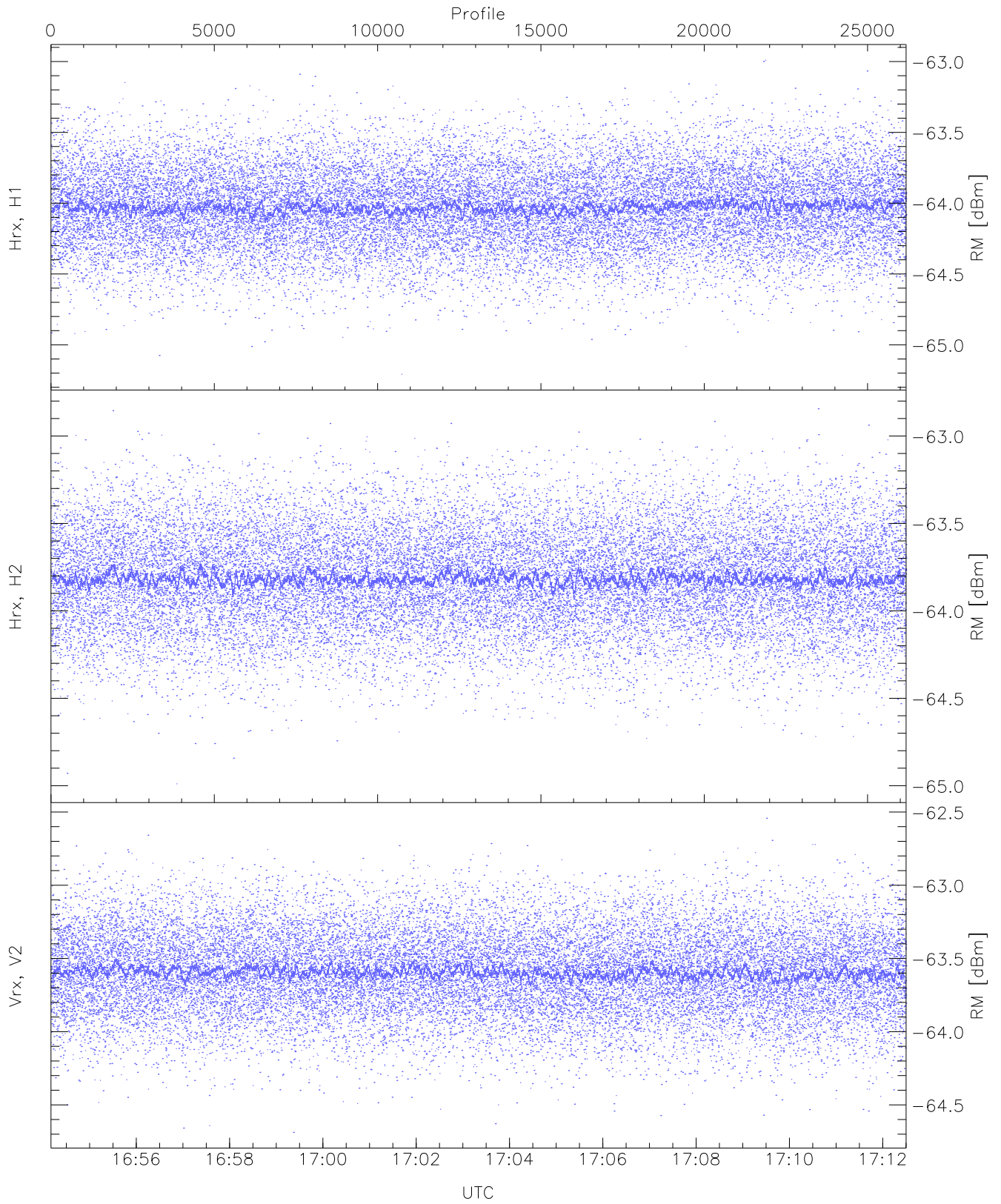
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -64.93 | -62.81 | -63.81 | -63.81 | -75.98 |
| Hrx, H2 (WL [dBm]) | -64.83 | -62.83 | -63.81 | -63.82 | -75.93 |
| Vrx, V2 (WL [dBm]) | -64.71 | -62.65 | -63.61 | -63.61 | -75.73 |



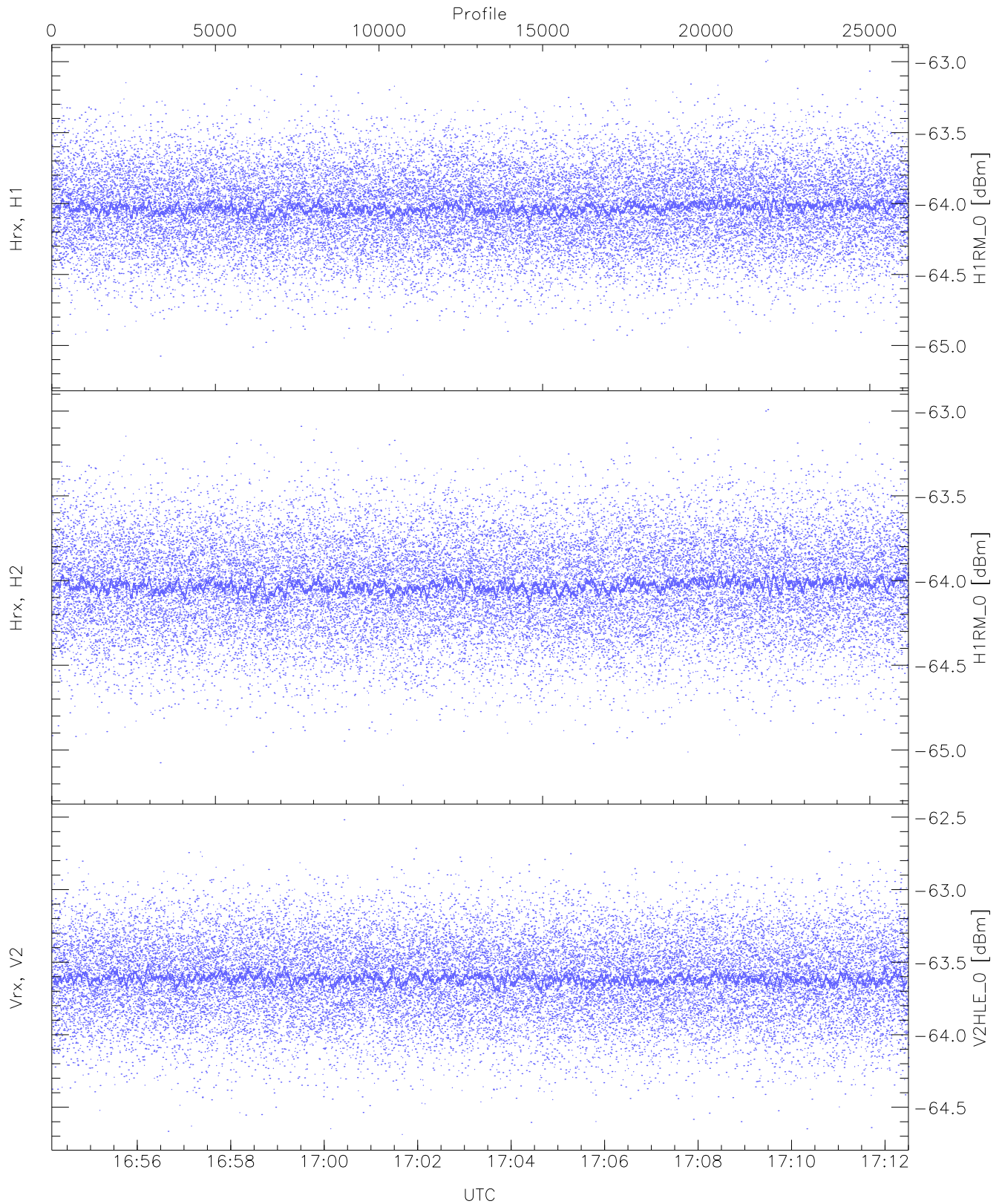
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.65 | -62.47 | -63.53 | -63.54 | -75.69 |
| Hrx, H2 (HL [dBm]) | -64.62 | -62.62 | -63.53 | -63.54 | -75.71 |
| Vrx, V2 (HL [dBm]) | -64.42 | -62.26 | -63.35 | -63.35 | -75.49 |



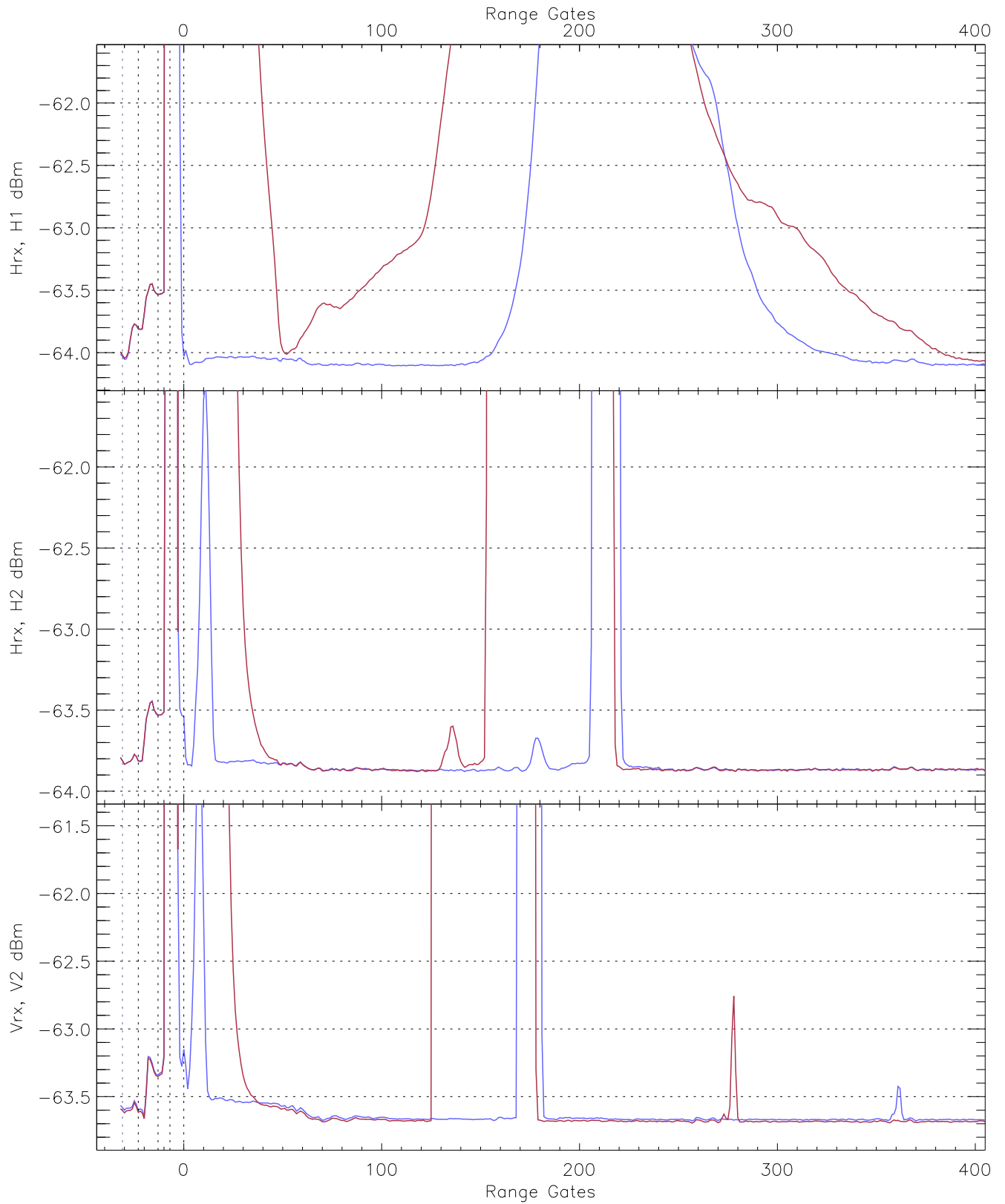
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -65.21 | -62.99 | -64.03 | -64.03 | -76.20 |
| Hrx, H2 (RM [dBm]) | -64.99 | -62.84 | -63.81 | -63.82 | -75.99 |
| Vrx, V2 (RM [dBm]) | -64.69 | -62.54 | -63.59 | -63.60 | -75.72 |

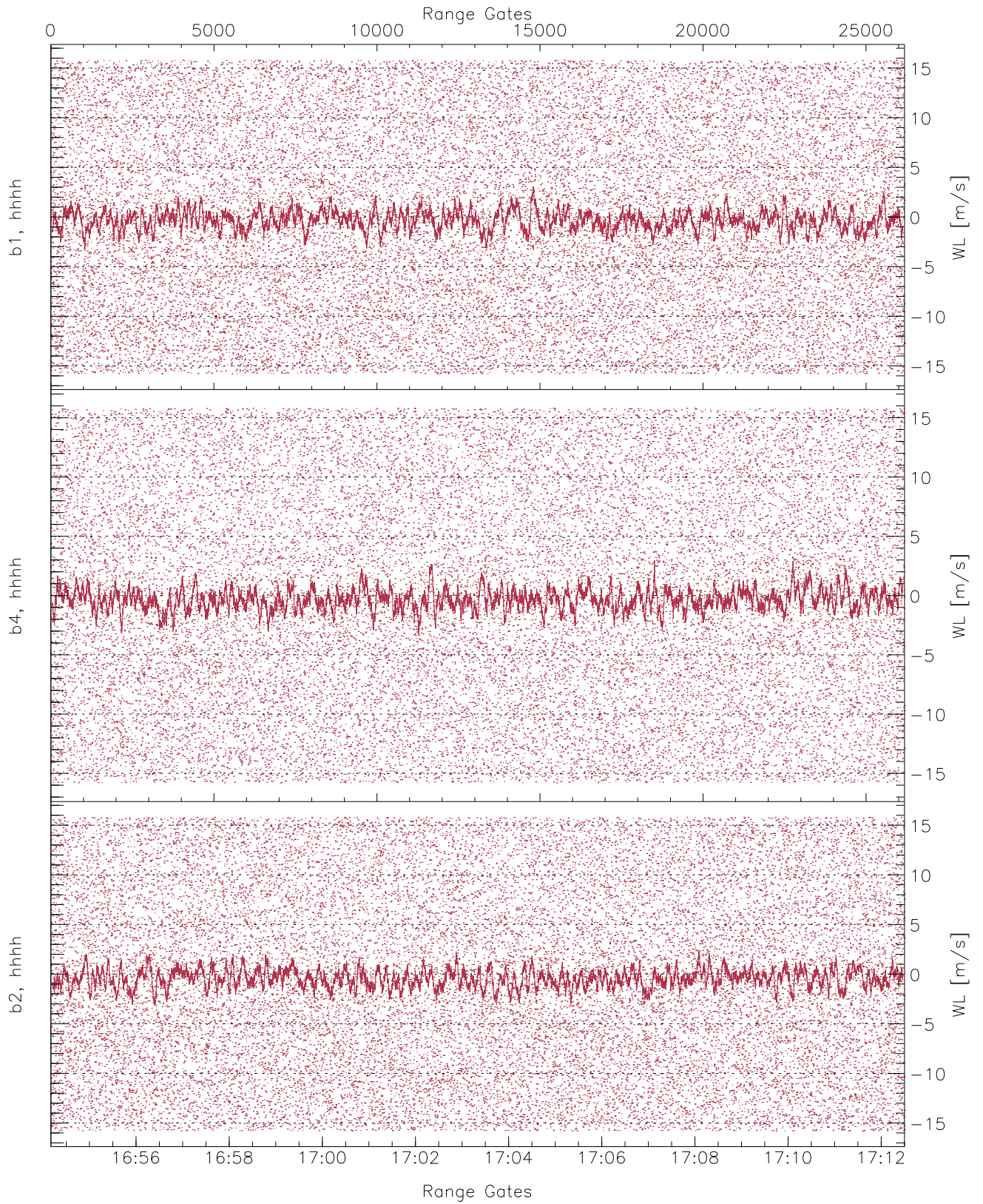


WCR2 CPP "Best" estimate Receivers Noise Power

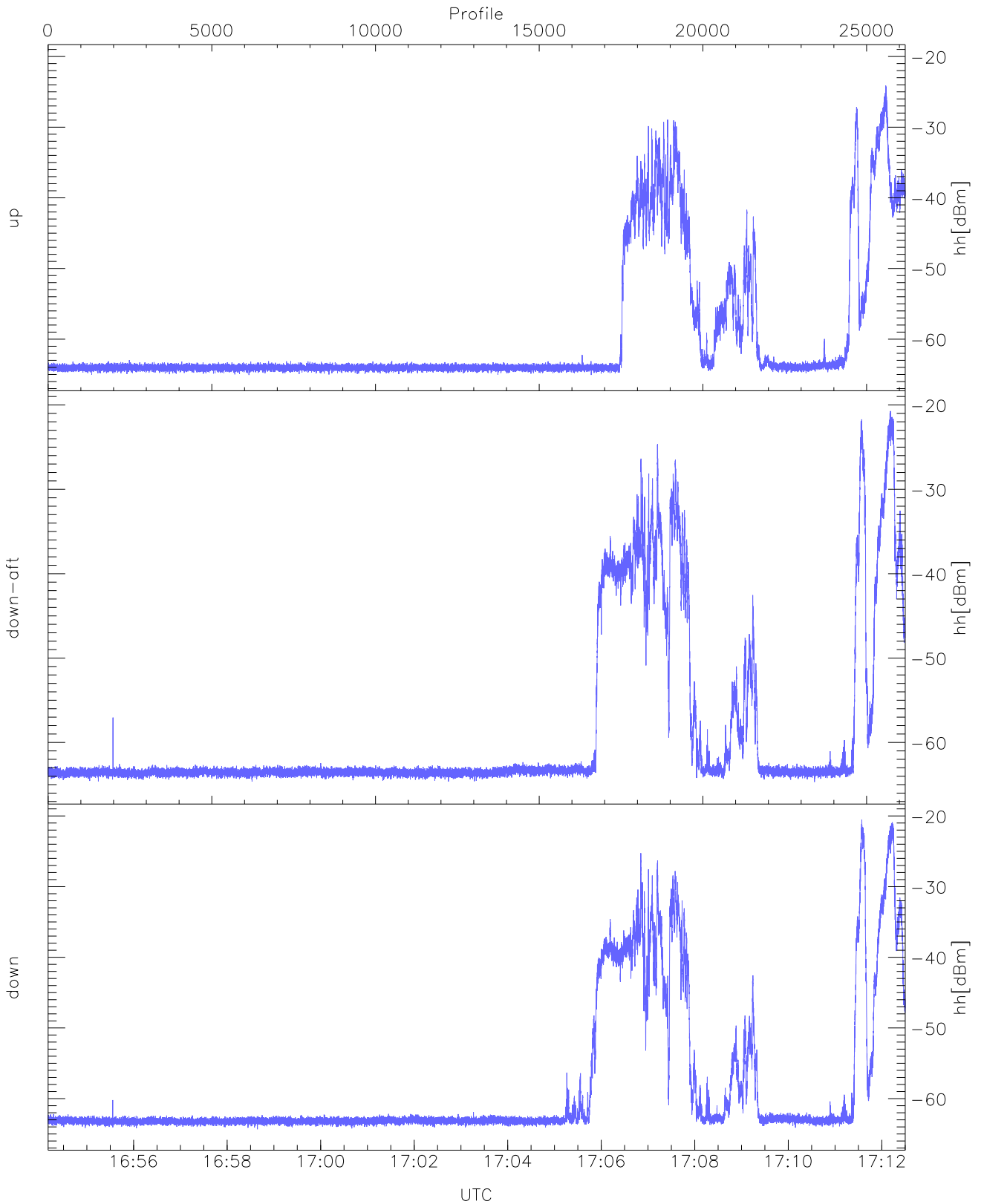
| | Min | Max | Mean | Median | StDev |
|---------------|--------|--------|--------|--------|--------|
| H1RM_0 [dBm] | -65.21 | -62.99 | -64.03 | -64.03 | -76.20 |
| H1RM_0 [dBm] | -65.21 | -62.99 | -64.03 | -64.03 | -76.20 |
| V2HLE_0 [dBm] | -64.69 | -62.52 | -63.61 | -63.61 | -75.75 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 165410-170320, 13091 profiles averaged
red: 170320-171230, 13091 profiles averaged

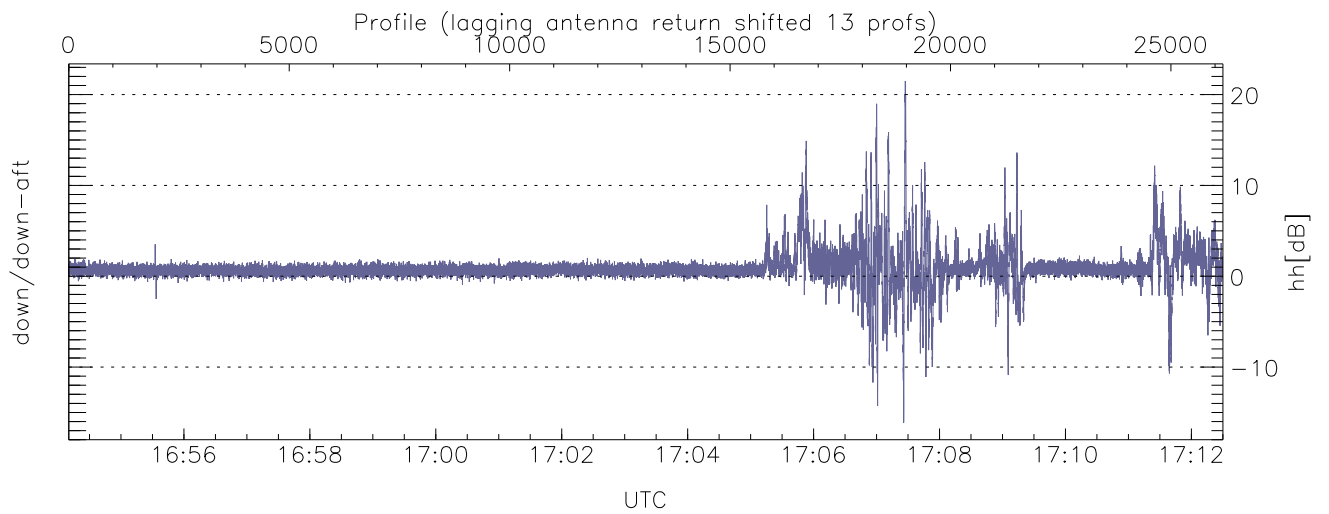
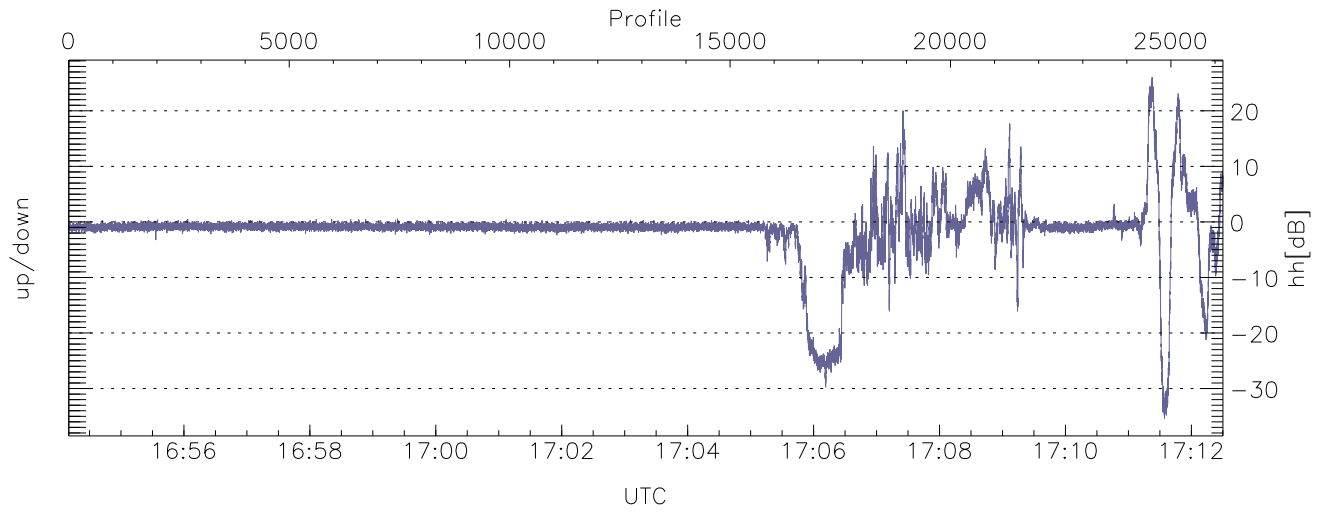


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



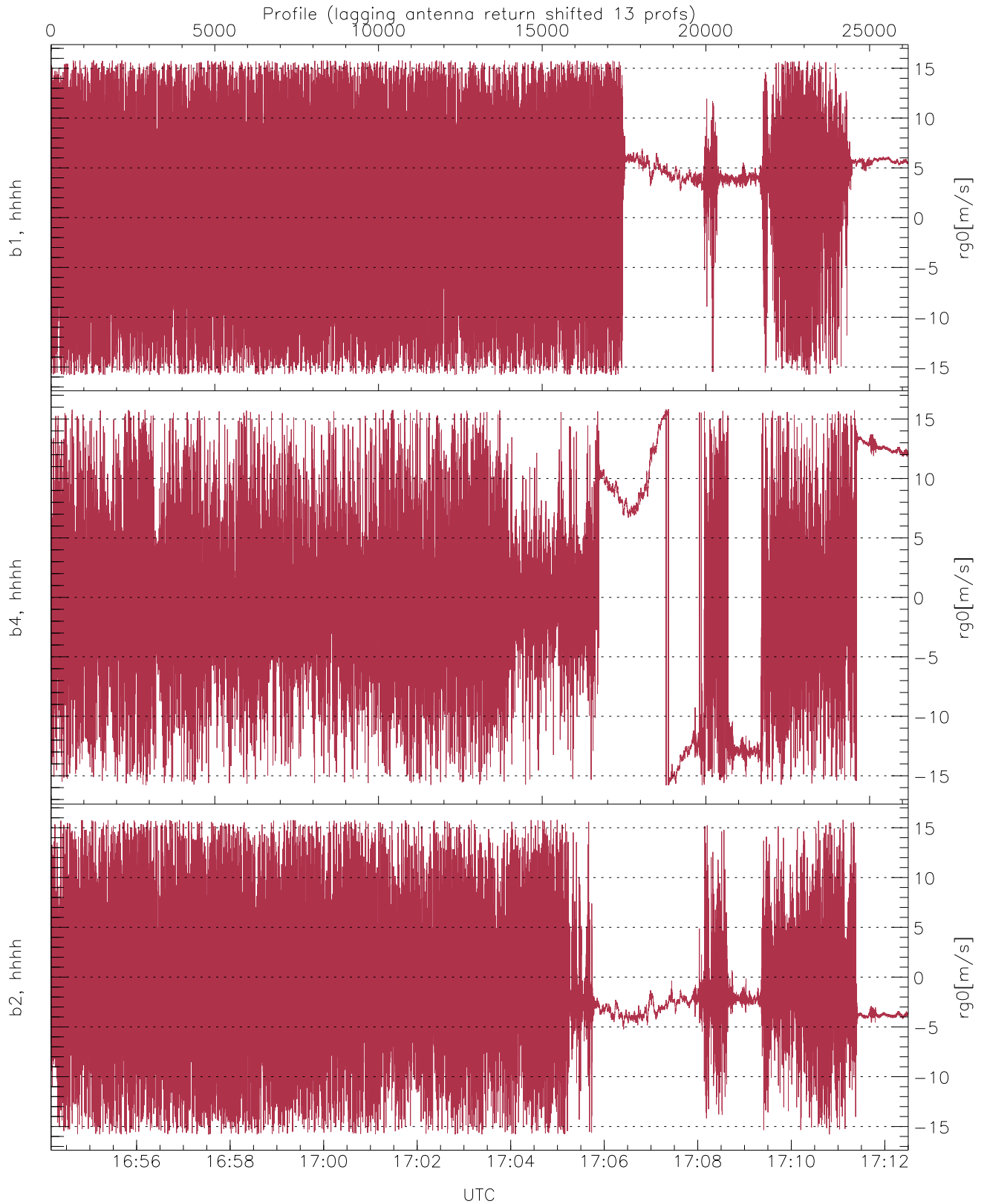
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|-------------------|--------|--------|--------|
| up(hh[dBm]) | -65.07 | -24.11 | -43.97 |
| down-aft(hh[dBm]) | -64.68 | -20.72 | -40.24 |
| down(hh[dBm]) | -64.33 | -20.54 | -39.85 |



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

| | Min | Max | Mean |
|-----------------------|--------|-------|-------|
| up/down(hh[dB]) | -35.46 | 26.07 | -1.19 |
| down/down-aft(hh[dB]) | -16.12 | 21.50 | 0.90 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|--------------------|--------|-------|-------|-------|
| b1, hhhh(rg0[m/s]) | -15.80 | 15.79 | 1.82 | 7.33 |
| b4, hhhh(rg0[m/s]) | -15.80 | 15.80 | 0.30 | 7.35 |
| b2, hhhh(rg0[m/s]) | -15.80 | 15.80 | -1.10 | 5.75 |