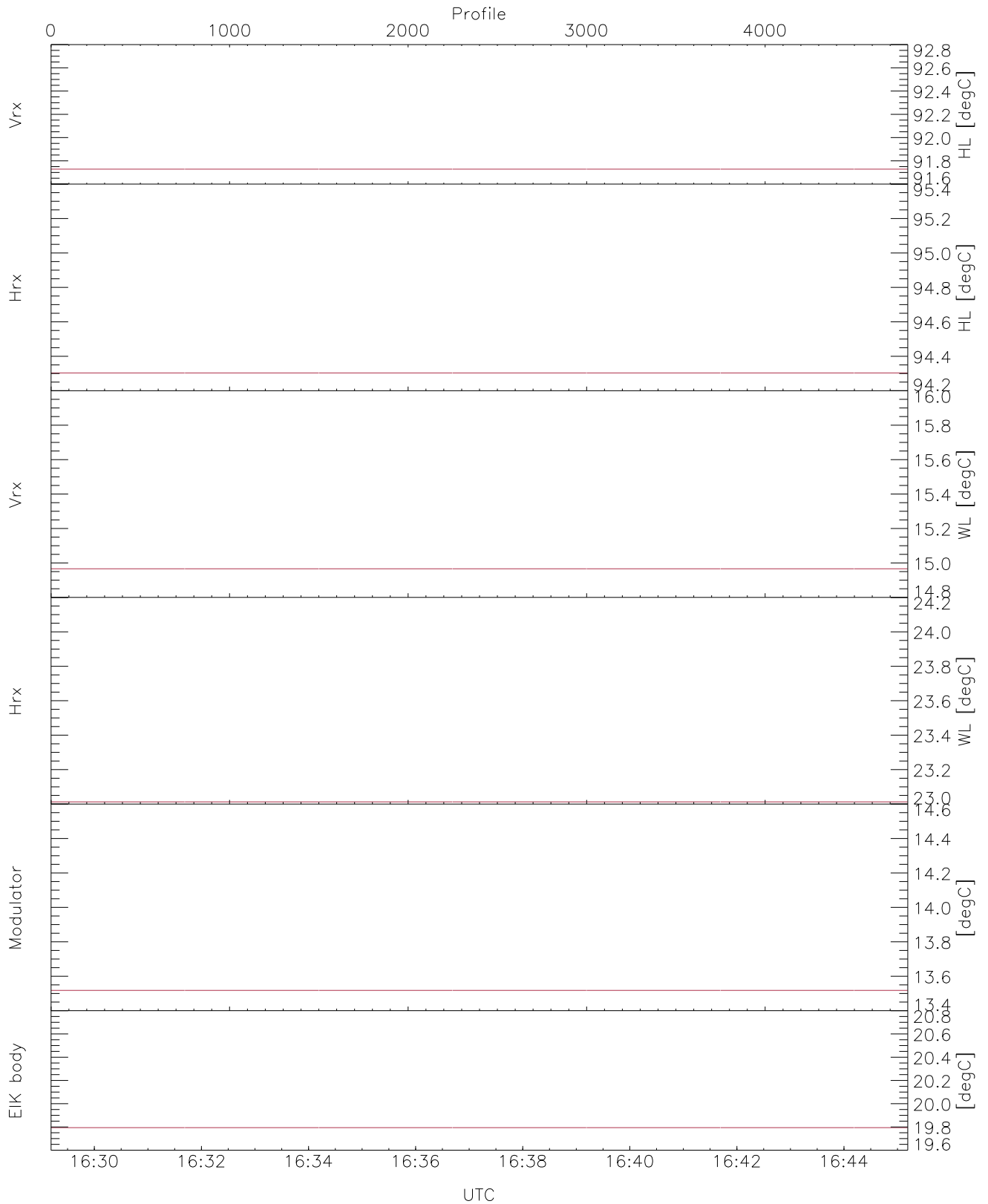


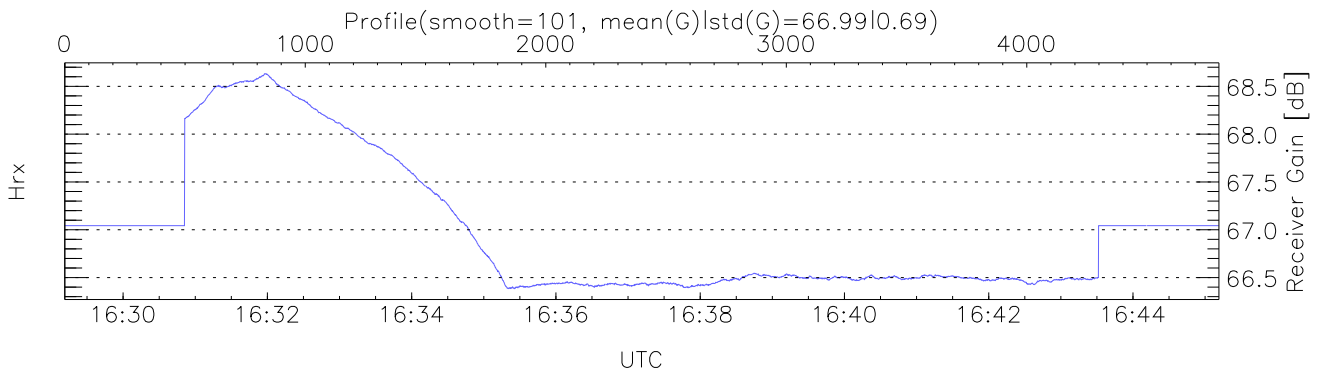
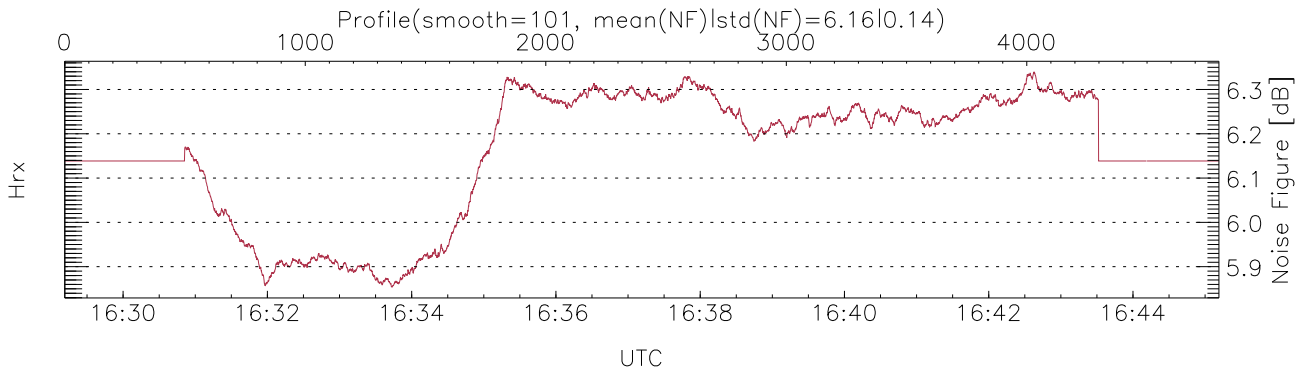
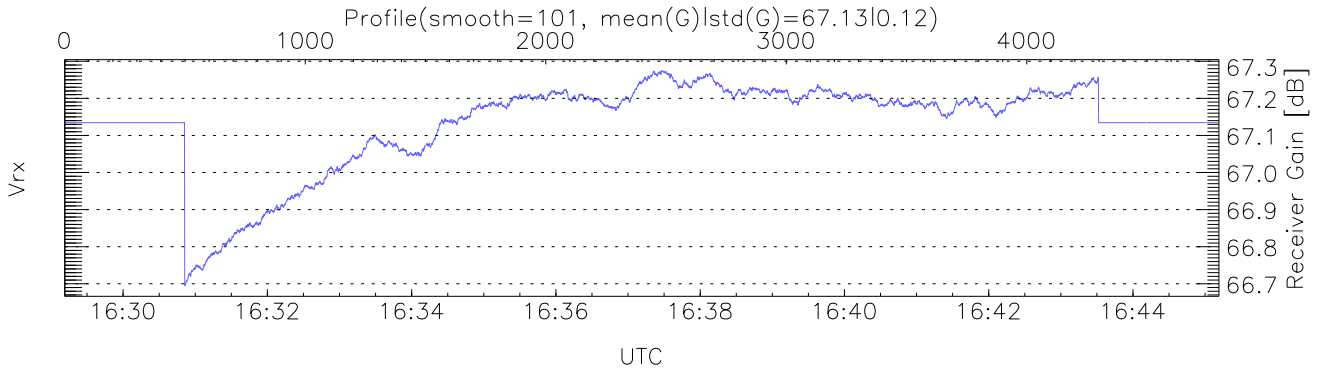
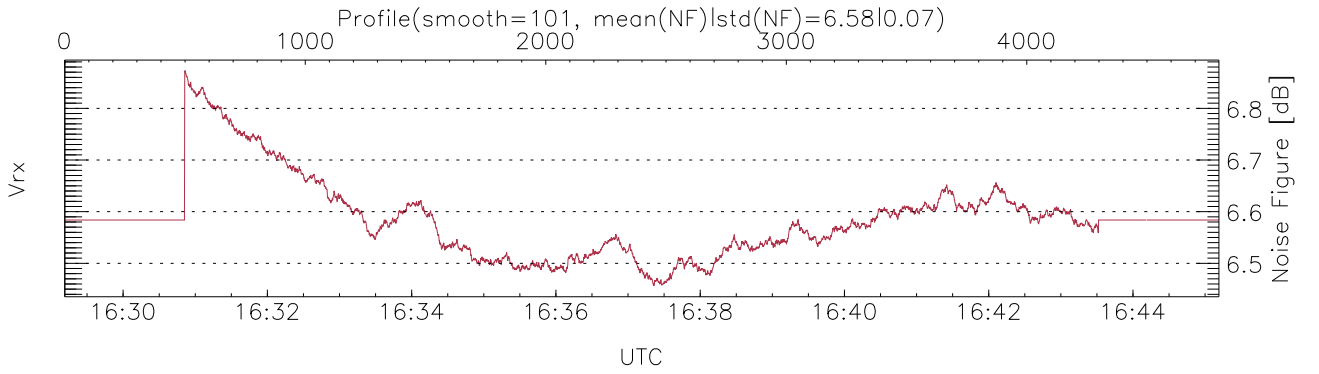
WCR2 SPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

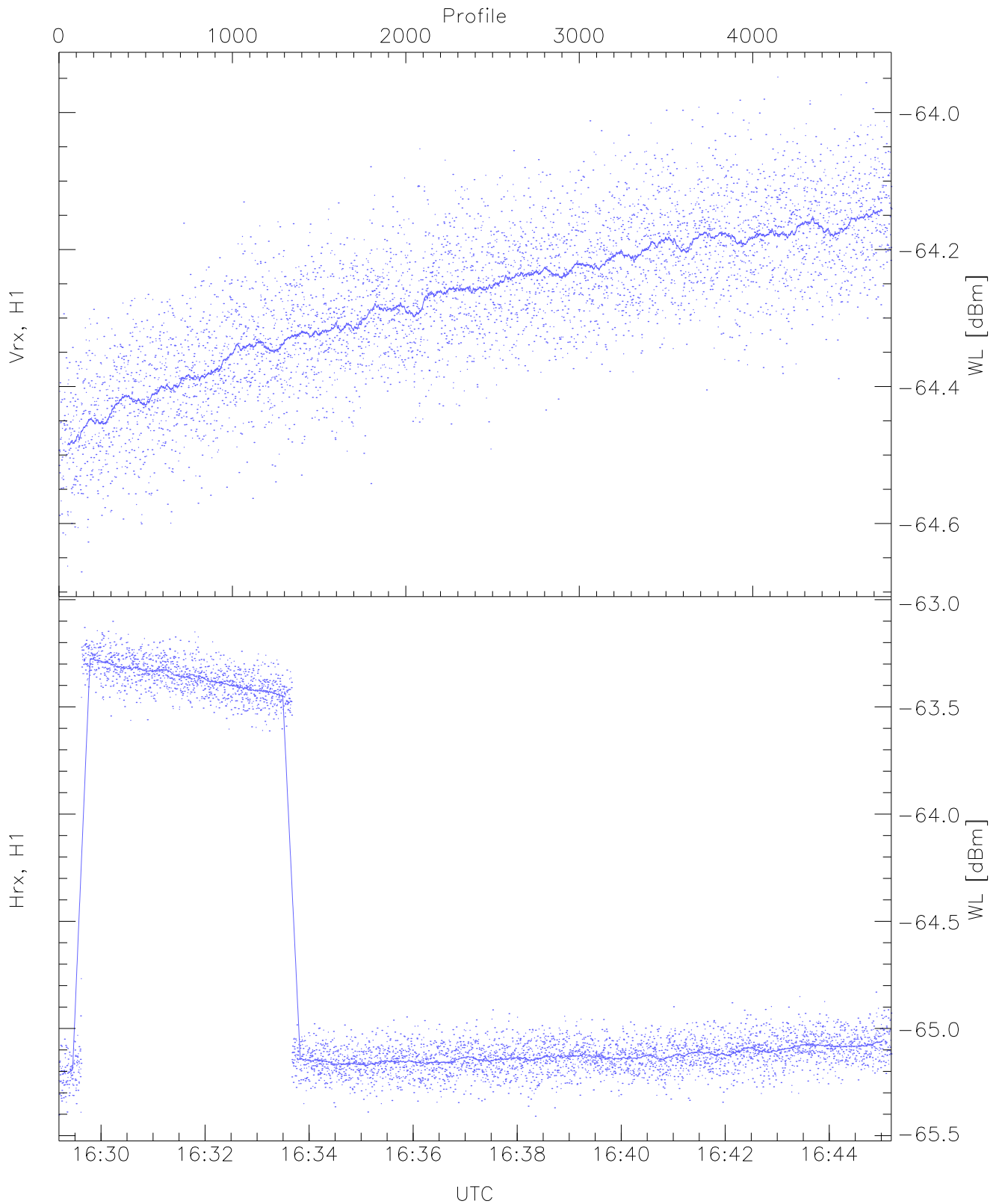
UTC: 16:29:11-17:01:57, Dur: 1965.89s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 200.0,200.1,200.1,0.0 ms / 5,5,5  
 NumRec(r/t): 4800/9828, 0-4799/16:29:11-16:45:12  
 AcqTime: 200.0ms, Rate: 11KB/s, Averages: 500  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1  
 PRF: 20.0 KHz, IGS: 50us  
 Range(min,max,rgs): 120,2433,30.0 m, Gates: 78, Aspect: 1.3



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

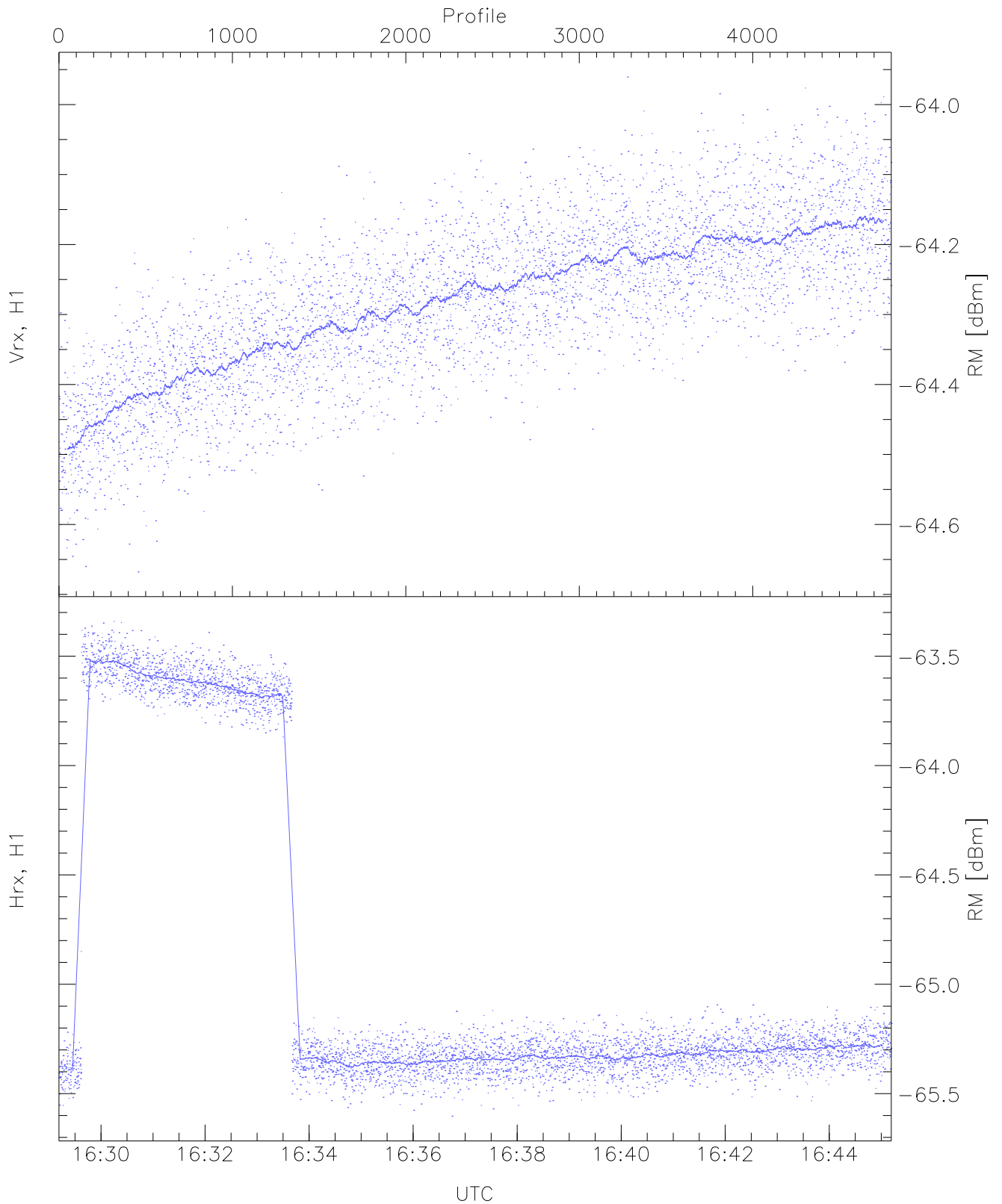
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,94,14,23,13,19  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,94,14,23,13,19  
 LOalarm(20,80,240,2.8,14.8 MHz): None  
 EIK/Modulator Faults: None





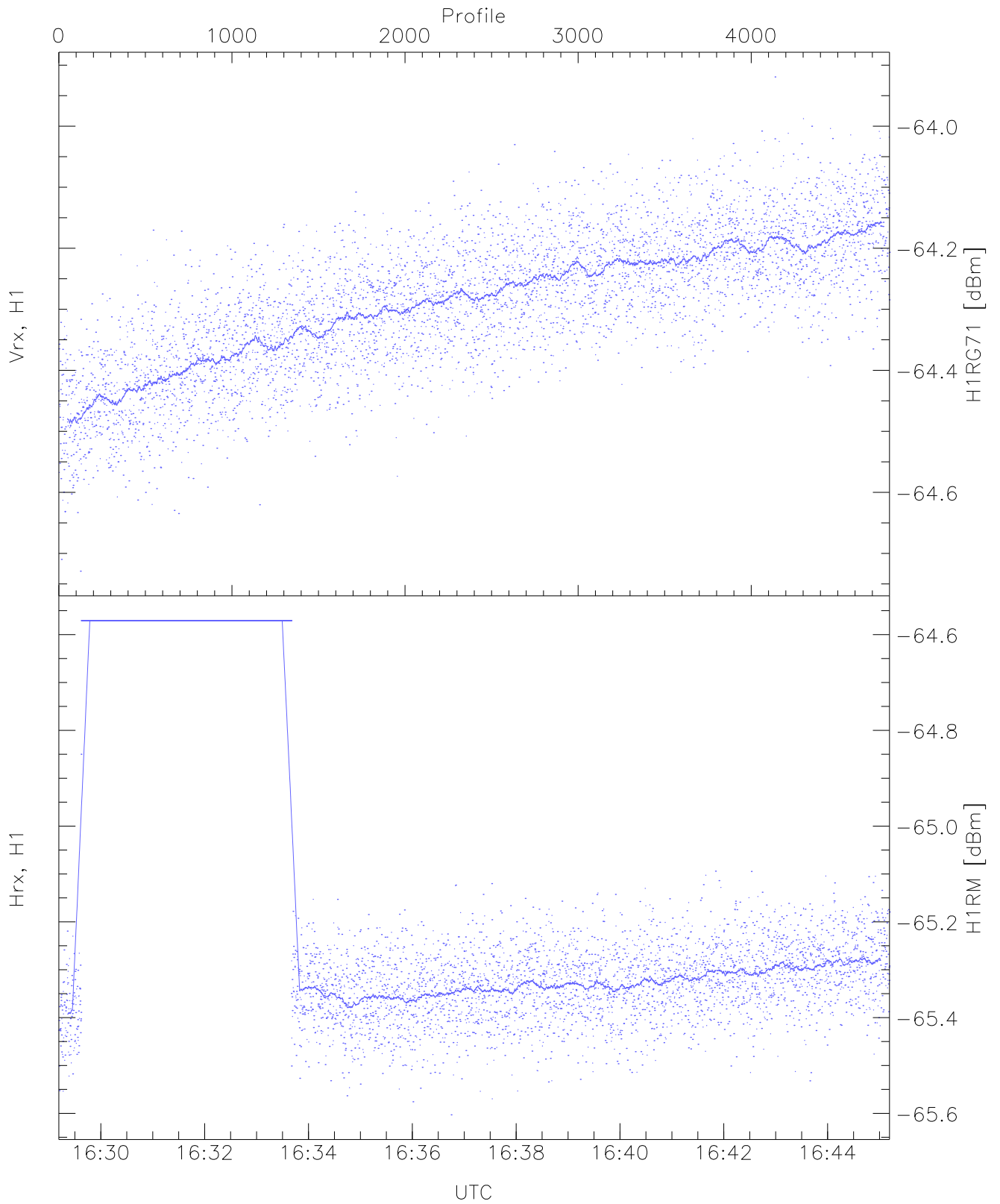
WCR2 SPP Receivers Noise Power from the Warm Loads Measurements

|                   | Min    | Max    | Mean   | Median | StDev  |
|-------------------|--------|--------|--------|--------|--------|
| Vrx, H1(WL [dBm]) | -64.67 | -63.95 | -64.27 | -64.27 | -80.04 |
| Hrx, H1(WL [dBm]) | -65.41 | -63.10 | -64.61 | -65.10 | -71.71 |



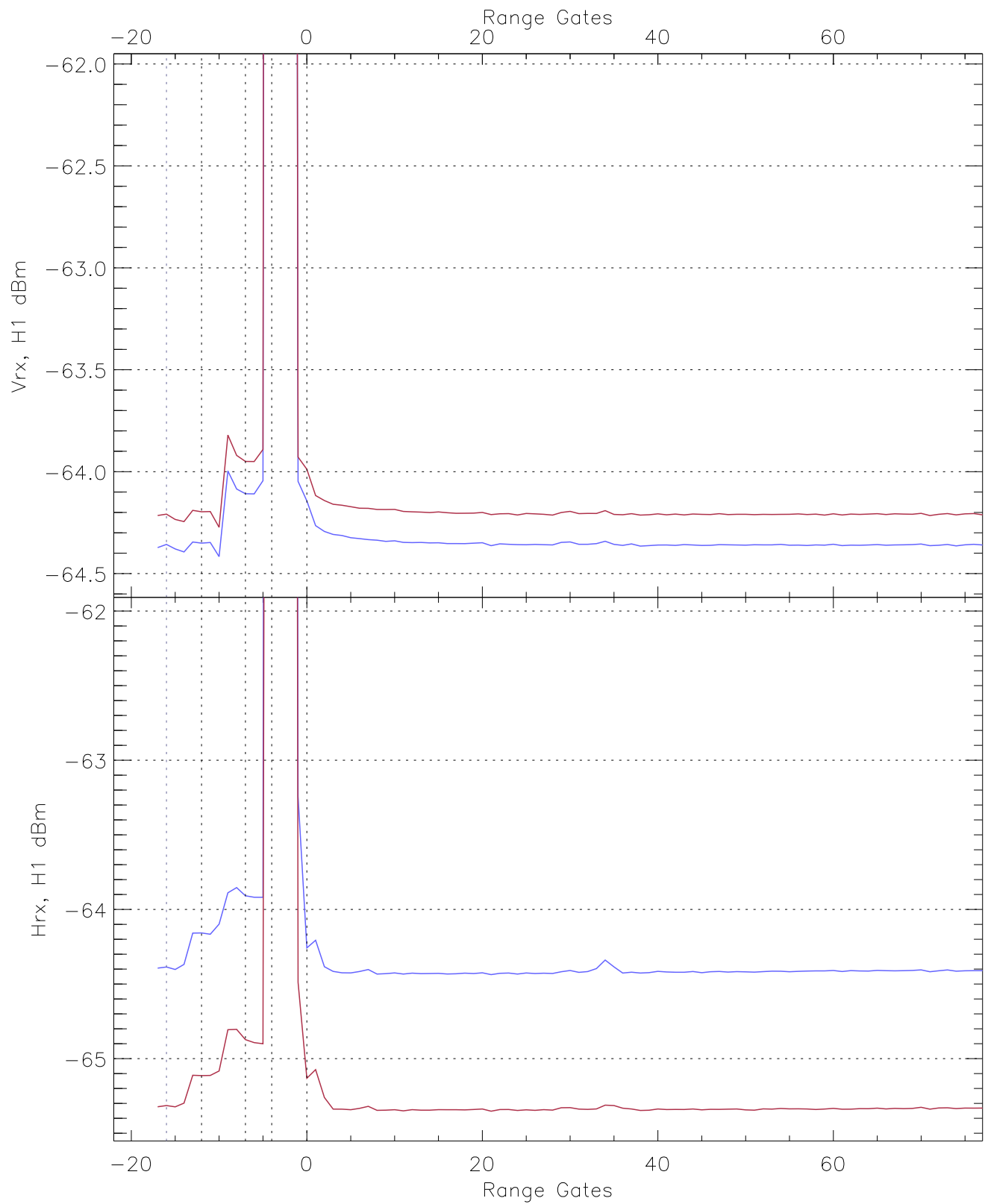
WCR2 SPP Receivers Noise Power from the Sky/RM Measurements

|                   | Min    | Max    | Mean   | Median | StDev  |
|-------------------|--------|--------|--------|--------|--------|
| Vrx, H1(RM [dBm]) | -64.67 | -63.96 | -64.28 | -64.27 | -80.13 |
| Hrx, H1(RM [dBm]) | -65.60 | -63.34 | -64.83 | -65.29 | -72.06 |

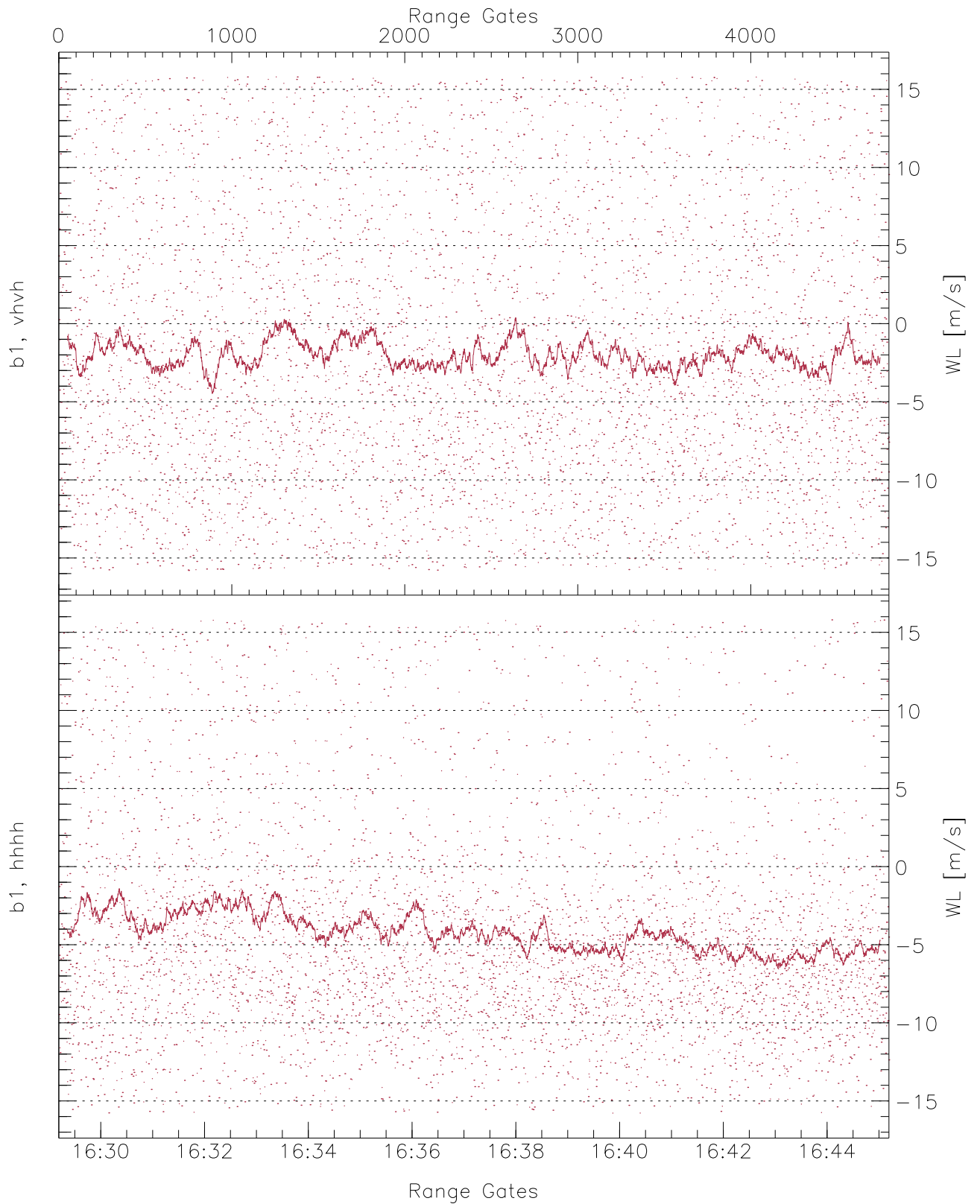


WCR2 SPP "Best" estimate Receivers Noise Power

|              | Min    | Max    | Mean   | Median | StDev  |
|--------------|--------|--------|--------|--------|--------|
| H1RG71 [dBm] | -64.73 | -63.92 | -64.29 | -64.28 | -80.15 |
| H1RM [dBm]   | -65.60 | -64.57 | -65.12 | -65.29 | -76.07 |

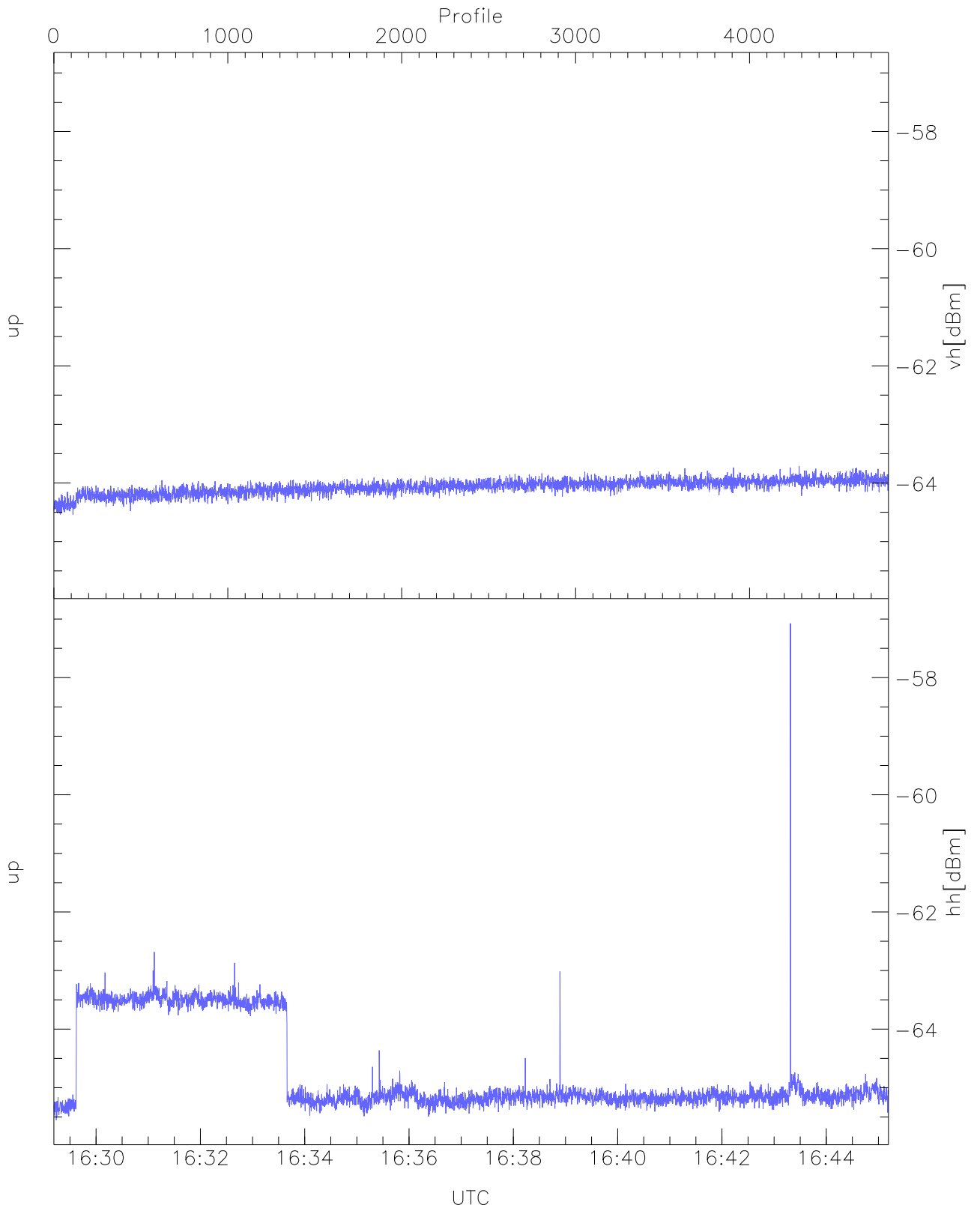


WCR2 SPP Averaged Received power for all recorded gates  
blue: 162911-163711, 2401 profiles averaged  
red: 163711-164512, 2400 profiles averaged



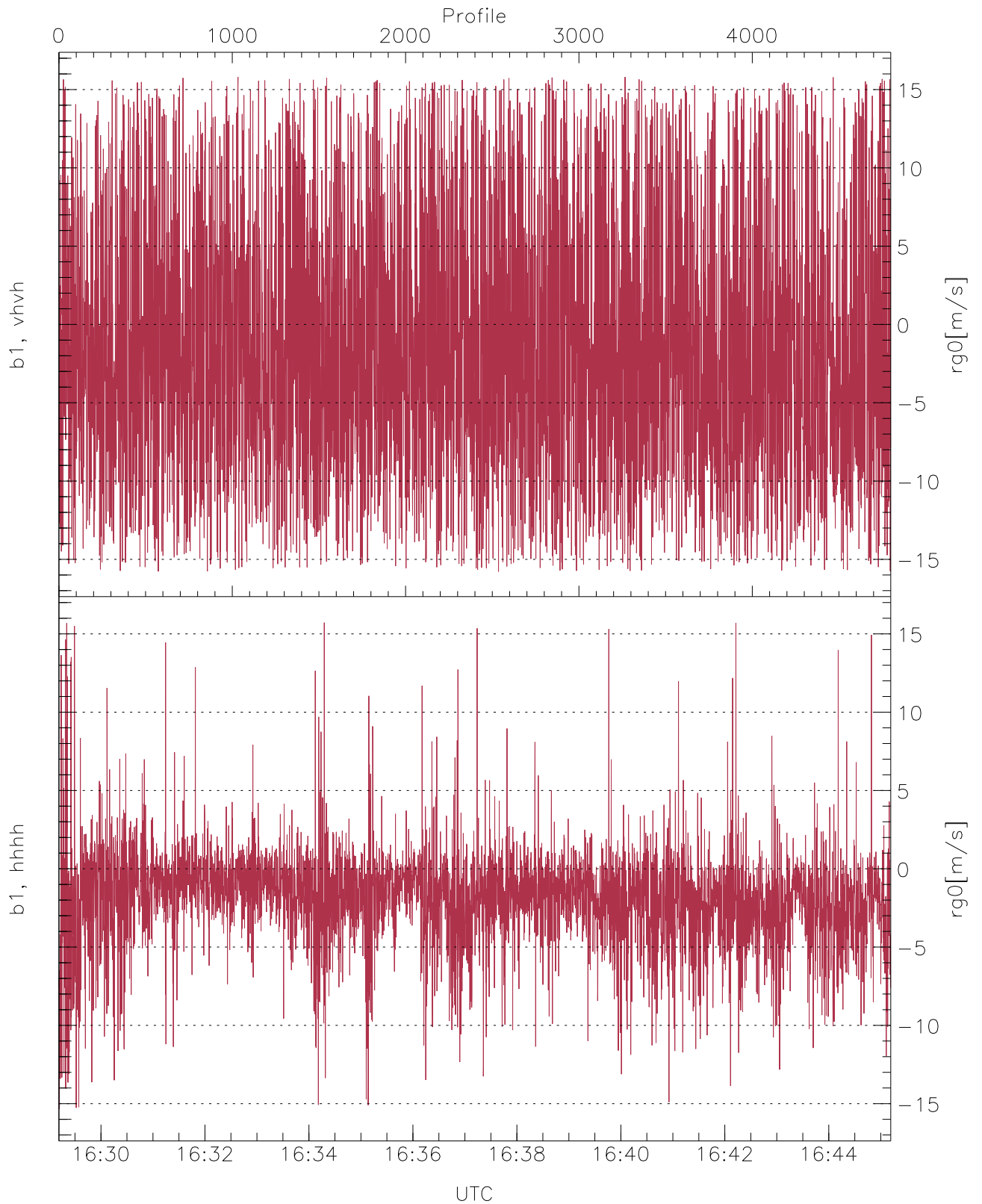
WCR2 SPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements





WCR2 SPP Received Power Products for Range gate 0 (120.2 m)

|             | Min    | Max    | Mean   |
|-------------|--------|--------|--------|
| up(vh[dBm]) | -64.54 | -63.71 | -64.07 |
| up(hh[dBm]) | -65.55 | -57.07 | -64.67 |



WCR2 SPP Doppler Velocity Products at 120.2 m range

|                    | Min    | Max   | Mean  | StDev |
|--------------------|--------|-------|-------|-------|
| b1, vvh(rg0[m/s])  | -15.78 | 15.80 | -1.56 | 8.16  |
| b1, hhhh(rg0[m/s]) | -15.34 | 15.72 | -1.92 | 3.08  |