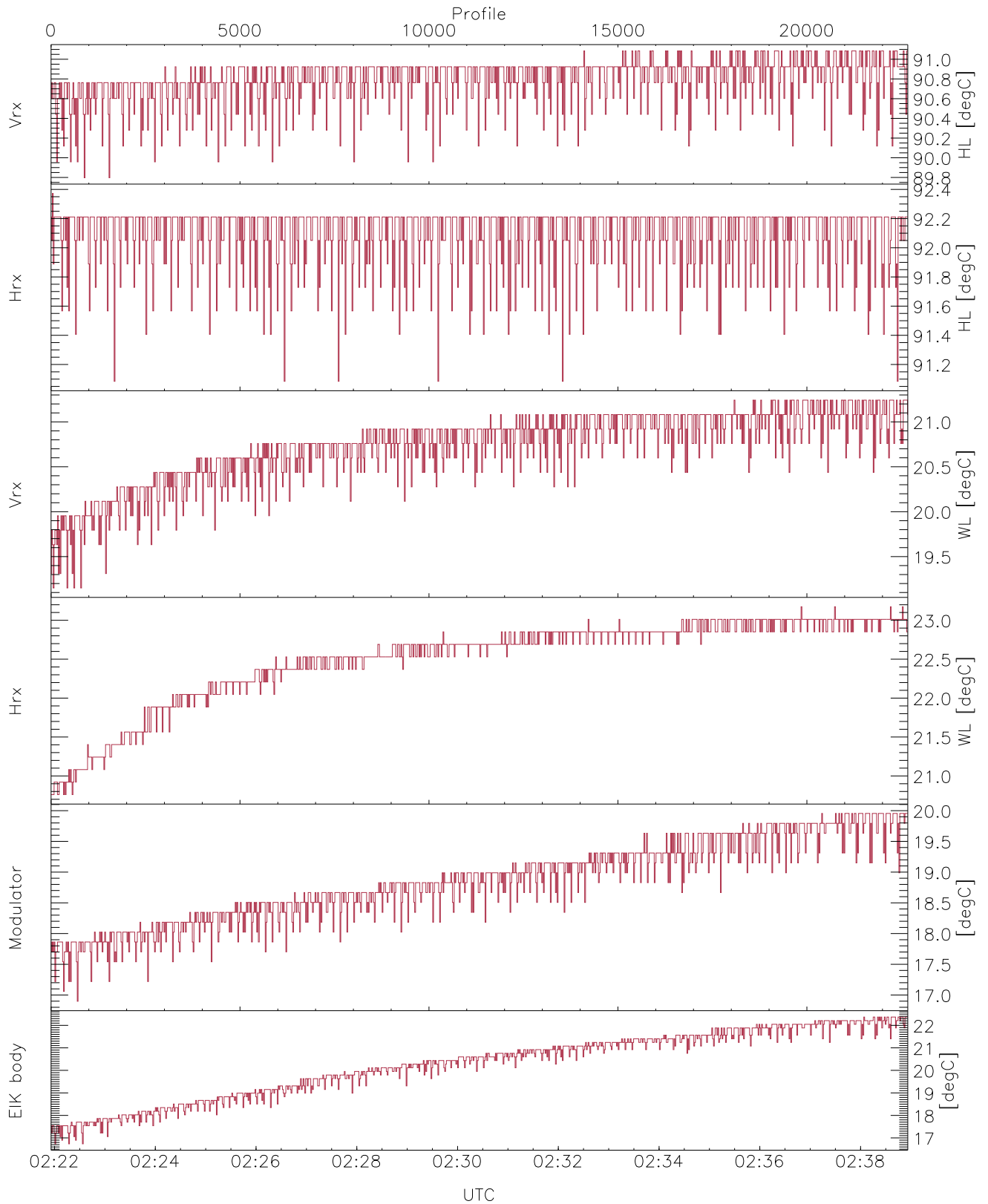


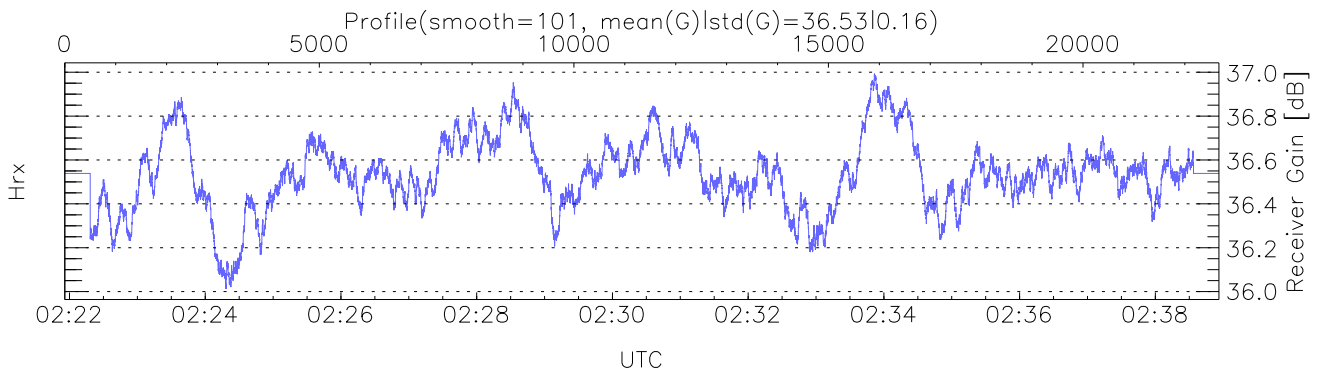
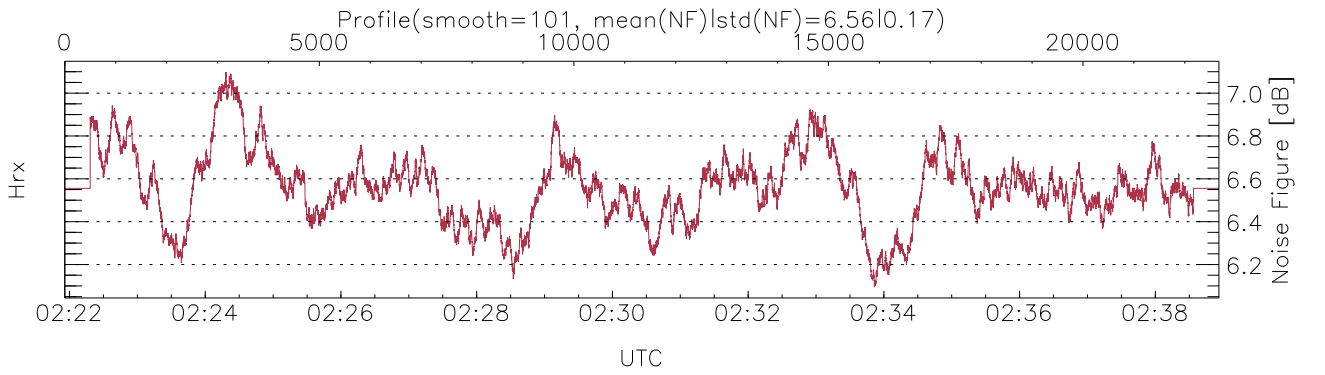
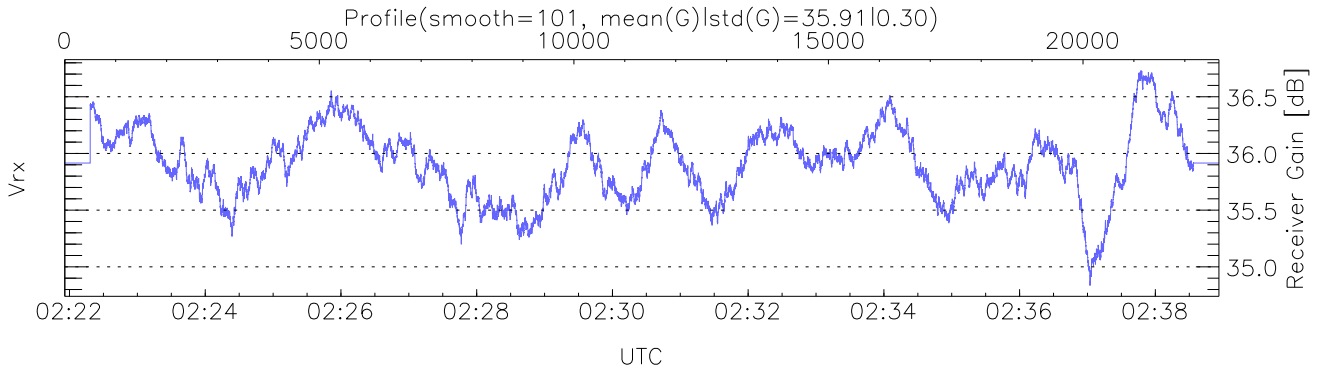
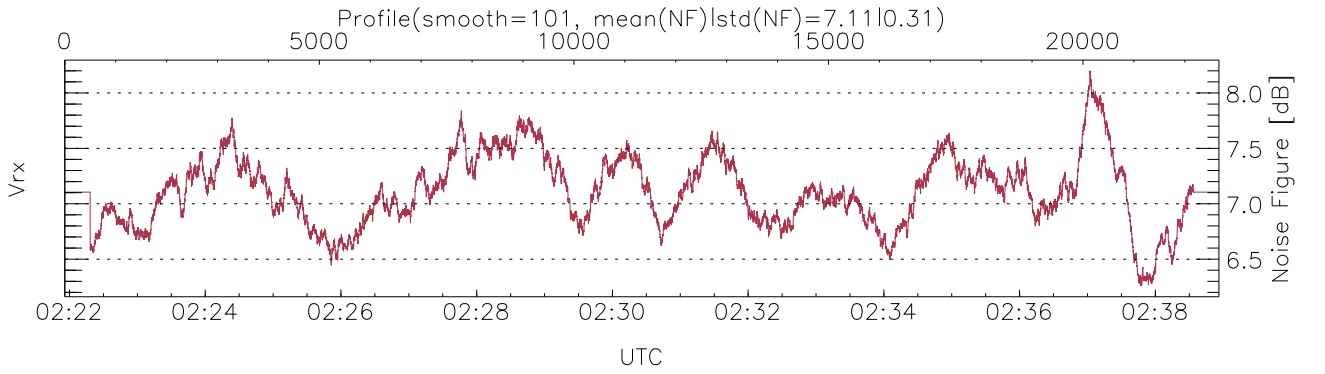
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 02:21:56-02:38:56, TimeCor: 0.00s, Dur: 1020.45s  
 TimeFlg: 1, TFPstatus constant.  
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2  
 NumRec(r/t): 22672/22672, 0-22671/02:21:56-02:38:56  
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2  
 PRF: 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



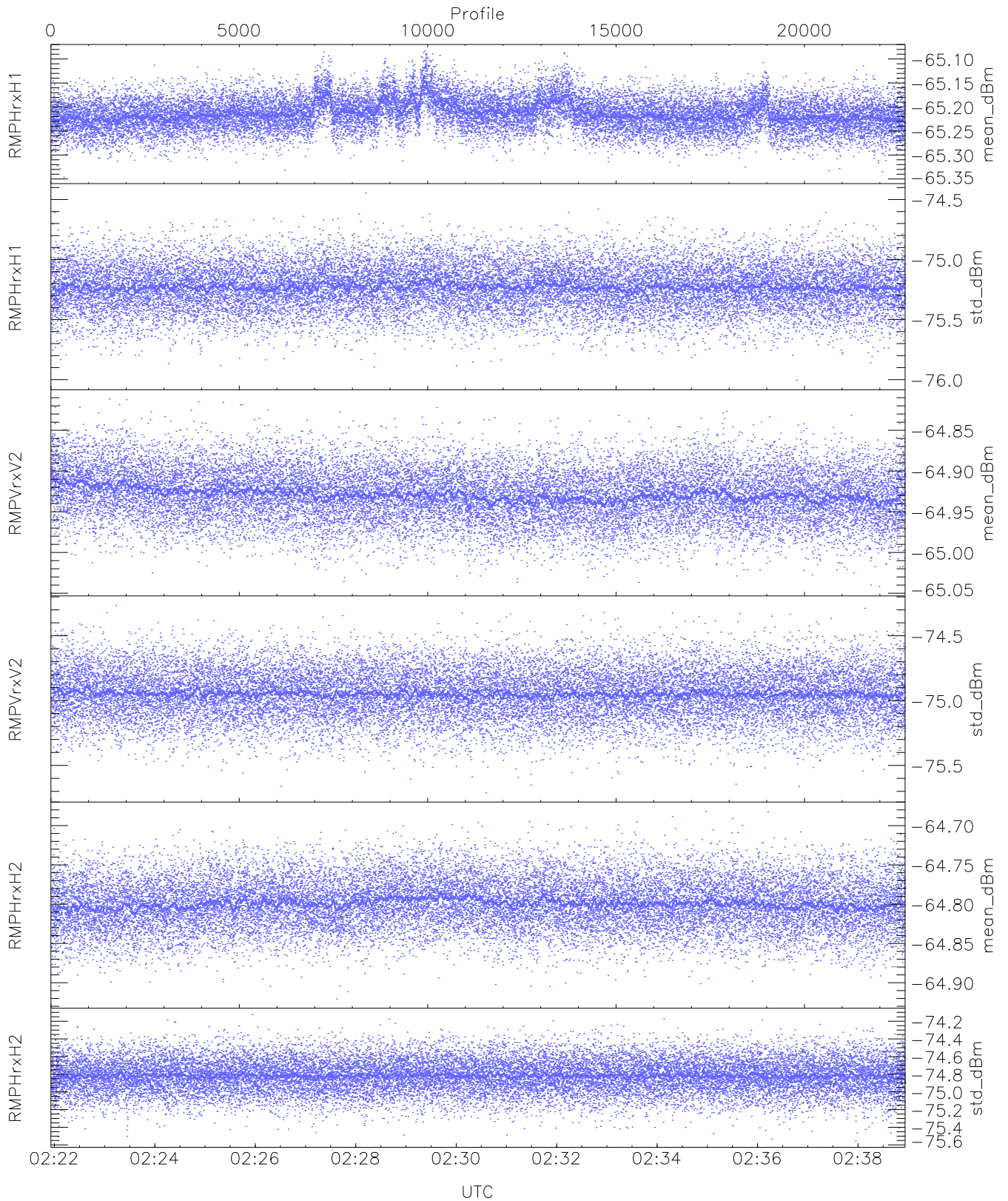
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,19,20,16,16`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,21,23,19,22`  
`LOalarm(20,240,2817,14861 MHz): None`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,46,22,22)`



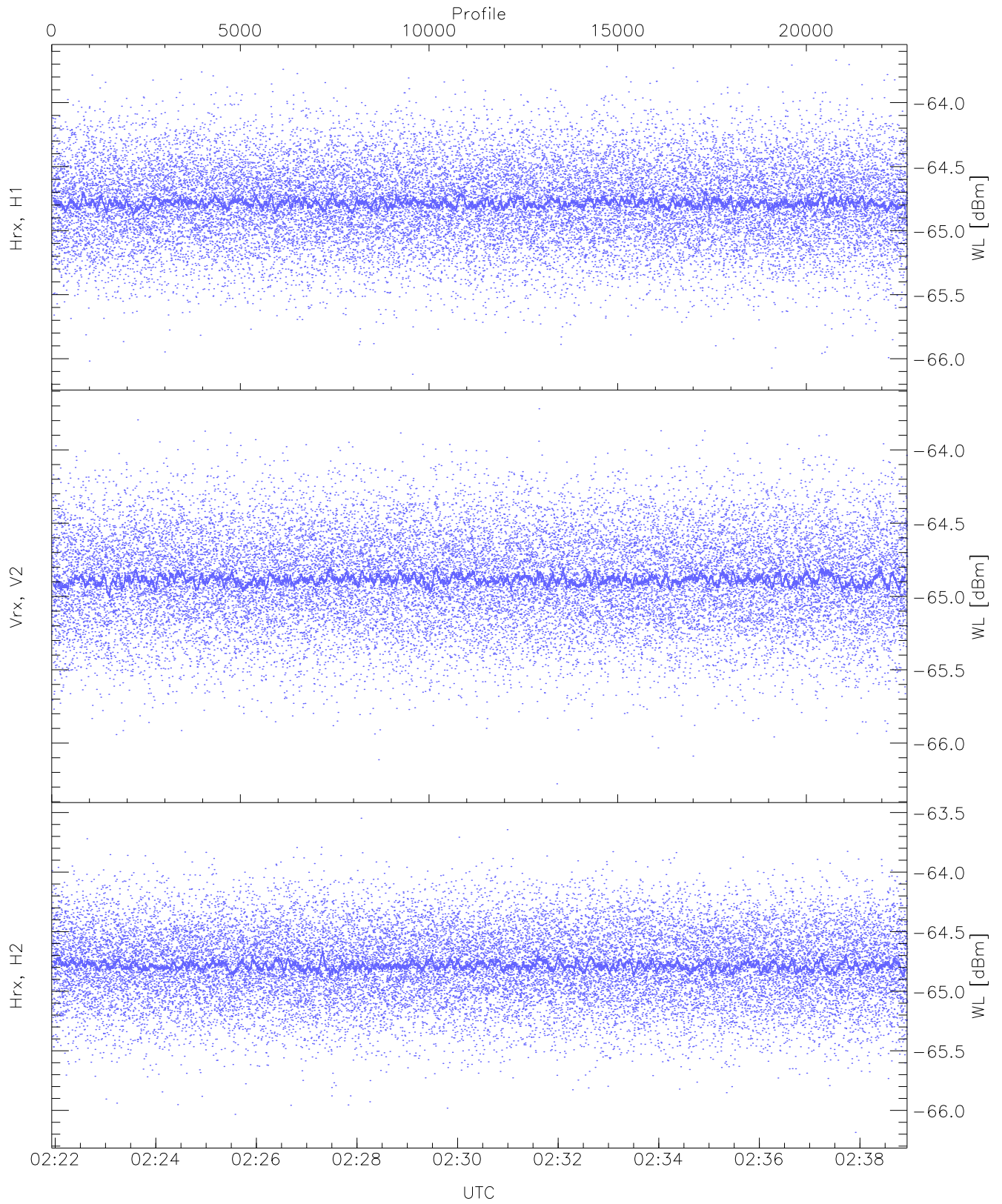
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 9 pixs, 3 gates, 9 profs, 1 prod(s)



WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

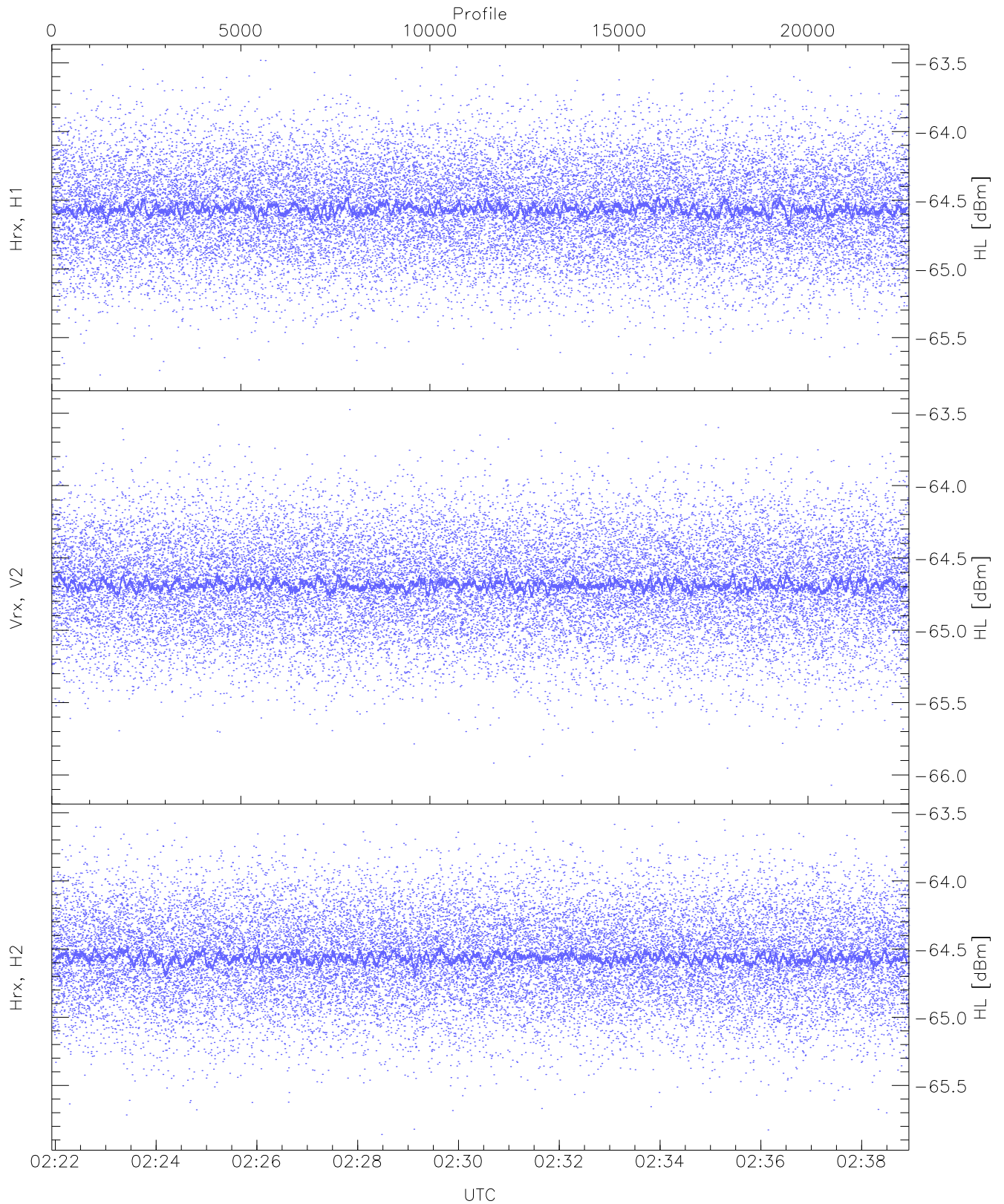
	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.35	-65.08	-65.21	-65.21	-86.40
RMPHrxH1(std_dBm)	-76.01	-74.45	-75.23	-75.23	-89.04
RMPVrxV2(mean_dBm)	-65.04	-64.81	-64.93	-64.93	-86.44
RMPVrxV2(std_dBm)	-75.71	-74.26	-74.95	-74.95	-88.75
RMPHrxH2(mean_dBm)	-64.92	-64.68	-64.80	-64.80	-86.38
RMPHrxH2(std_dBm)	-75.56	-74.12	-74.82	-74.82	-88.62



WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

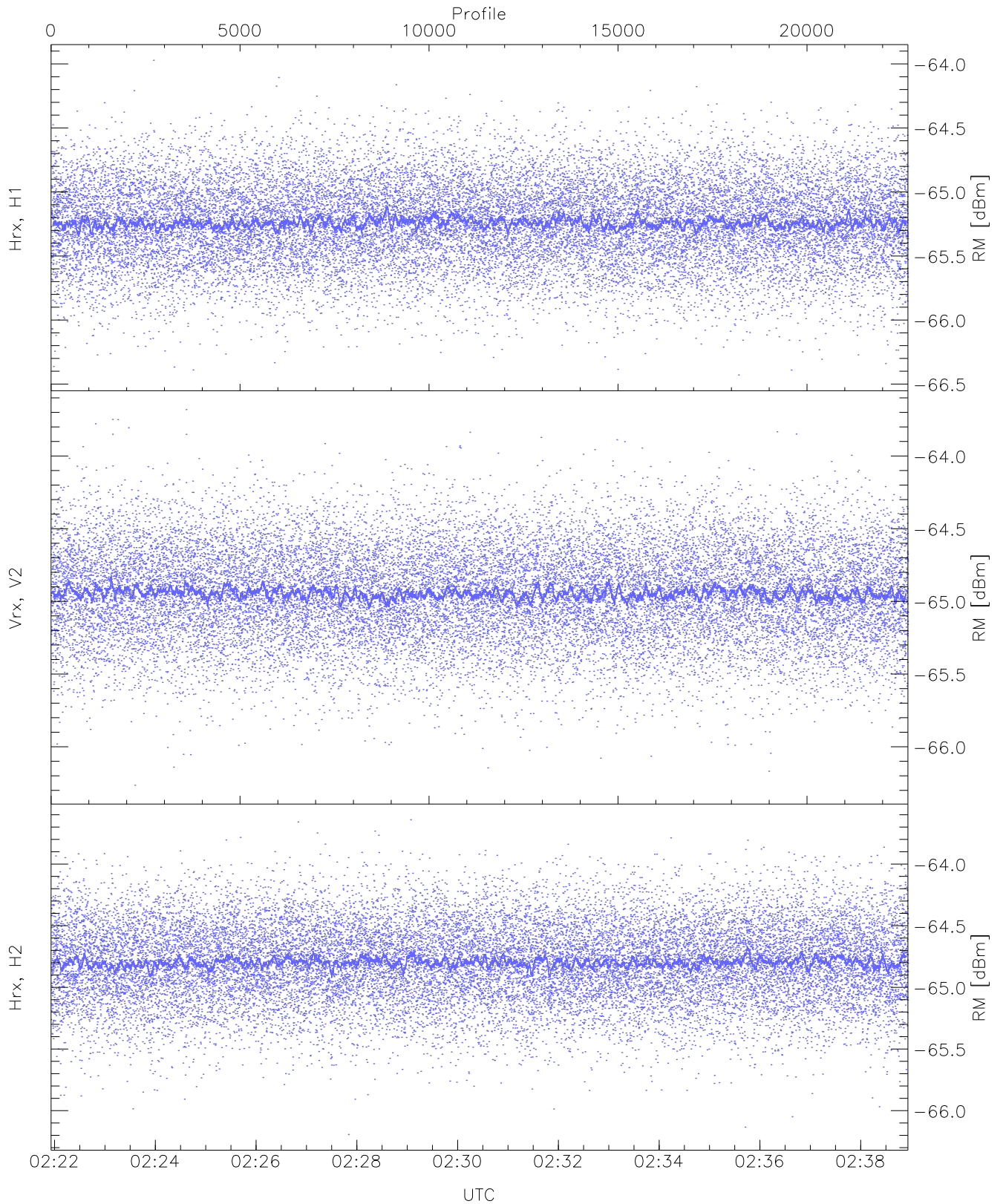
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.12	-63.67	-64.78	-64.78	-76.28
Vrx, V2 (WL [dBm])	-66.28	-63.72	-64.88	-64.89	-76.39
Hrx, H2 (WL [dBm])	-66.18	-63.55	-64.78	-64.79	-76.29





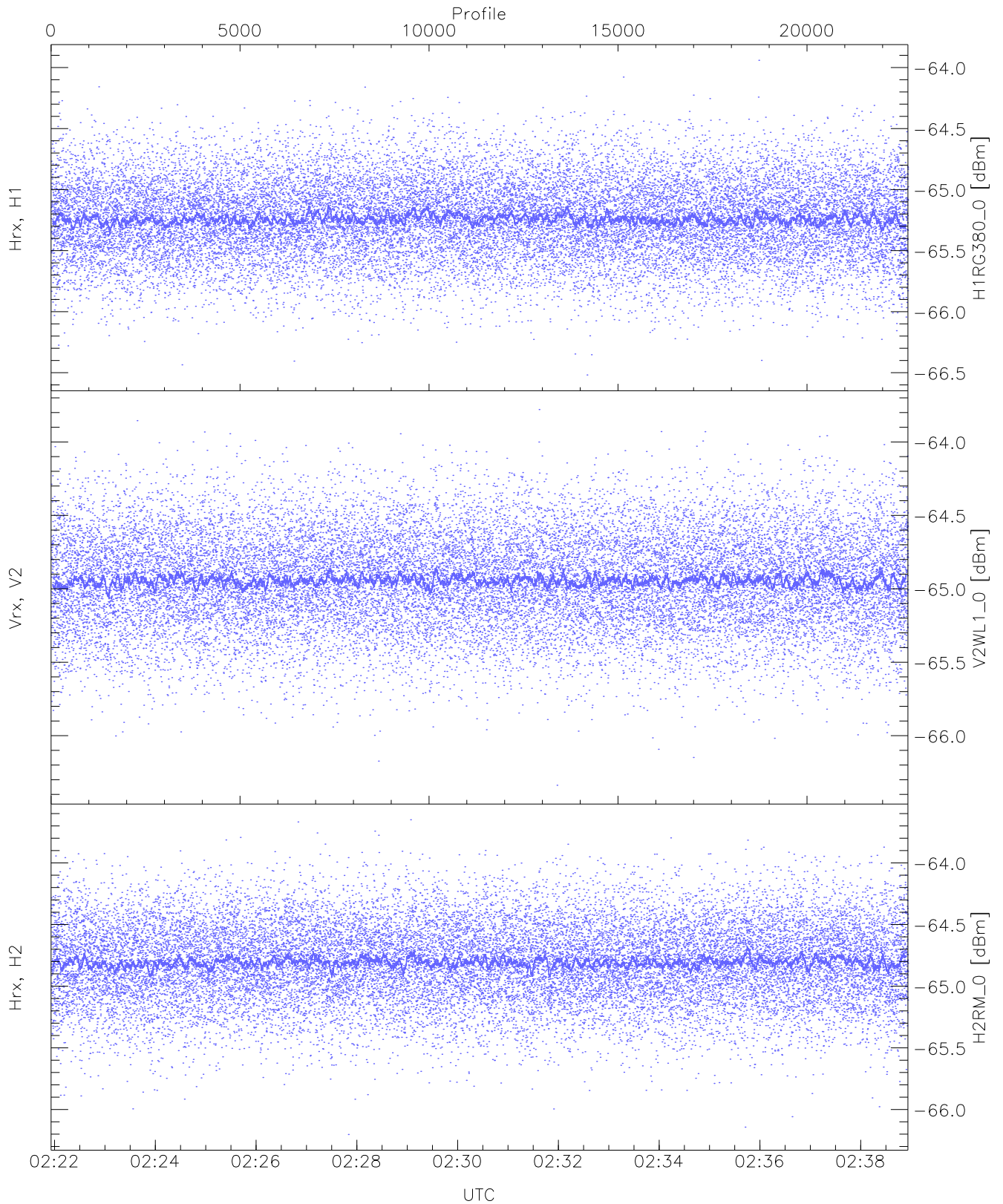
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.77	-63.48	-64.56	-64.57	-76.04
Vrx, V2 (HL [dBm])	-66.07	-63.47	-64.68	-64.68	-76.18
Hrx, H2 (HL [dBm])	-65.86	-63.55	-64.56	-64.56	-76.09



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

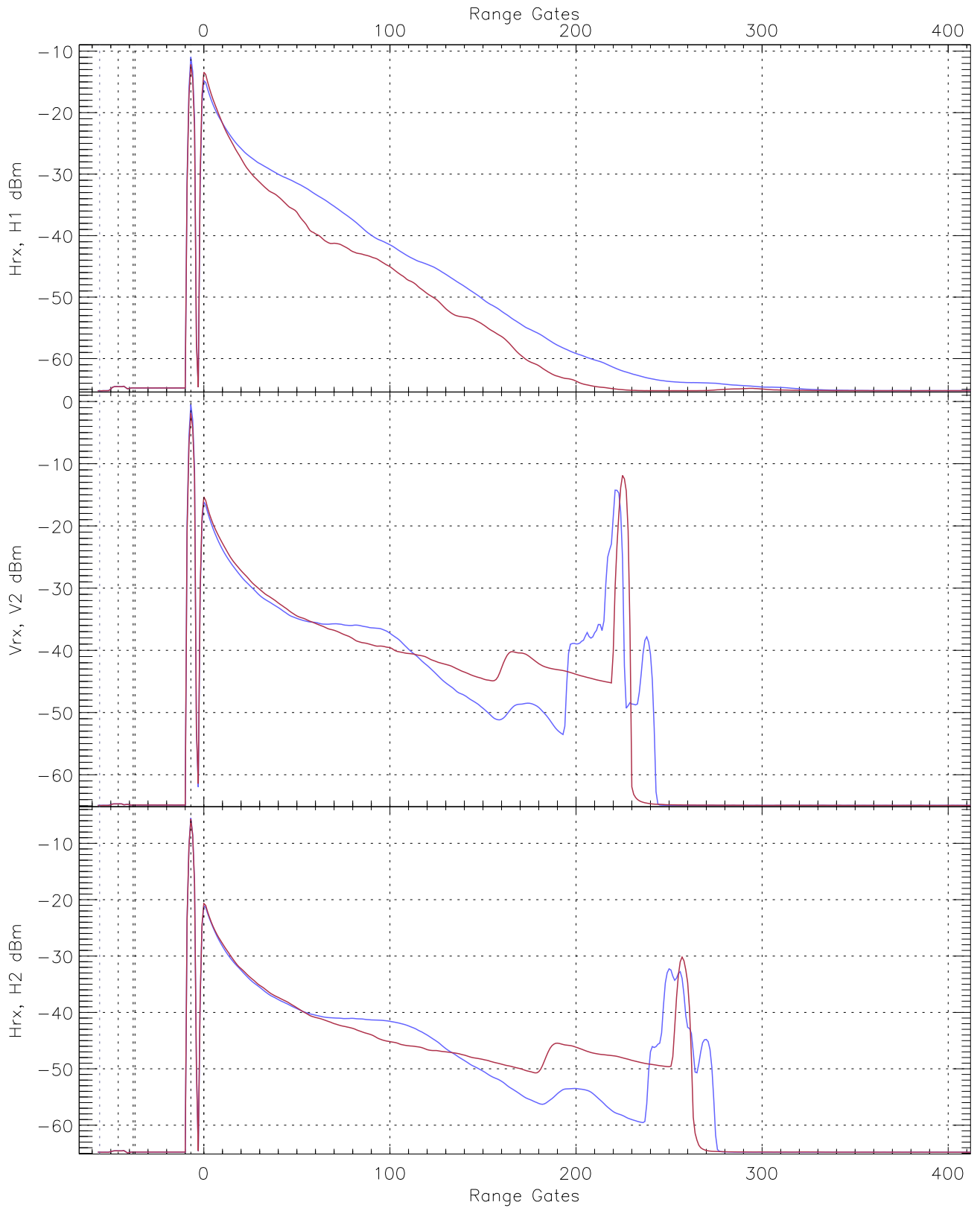
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.43	-63.97	-65.23	-65.24	-76.73
Vrx, V2 (RM [dBm])	-66.26	-63.68	-64.94	-64.94	-76.45
Hrx, H2 (RM [dBm])	-66.19	-63.64	-64.79	-64.80	-76.30



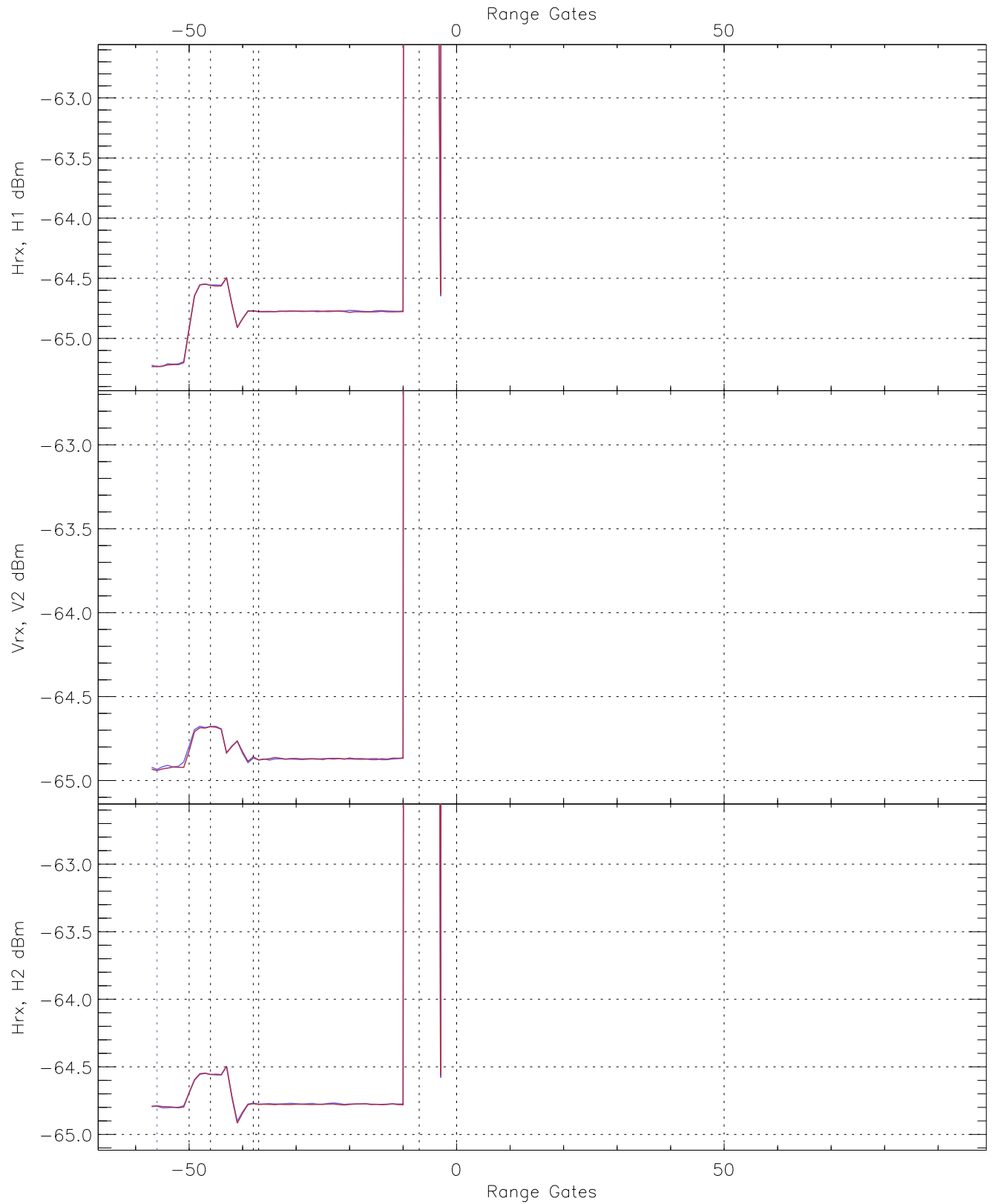
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG380_0 [dBm]	-66.52	-63.94	-65.23	-65.24	-76.74
V2WL1_0 [dBm]	-66.34	-63.78	-64.94	-64.95	-76.45
H2RM_0 [dBm]	-66.20	-63.65	-64.80	-64.81	-76.31

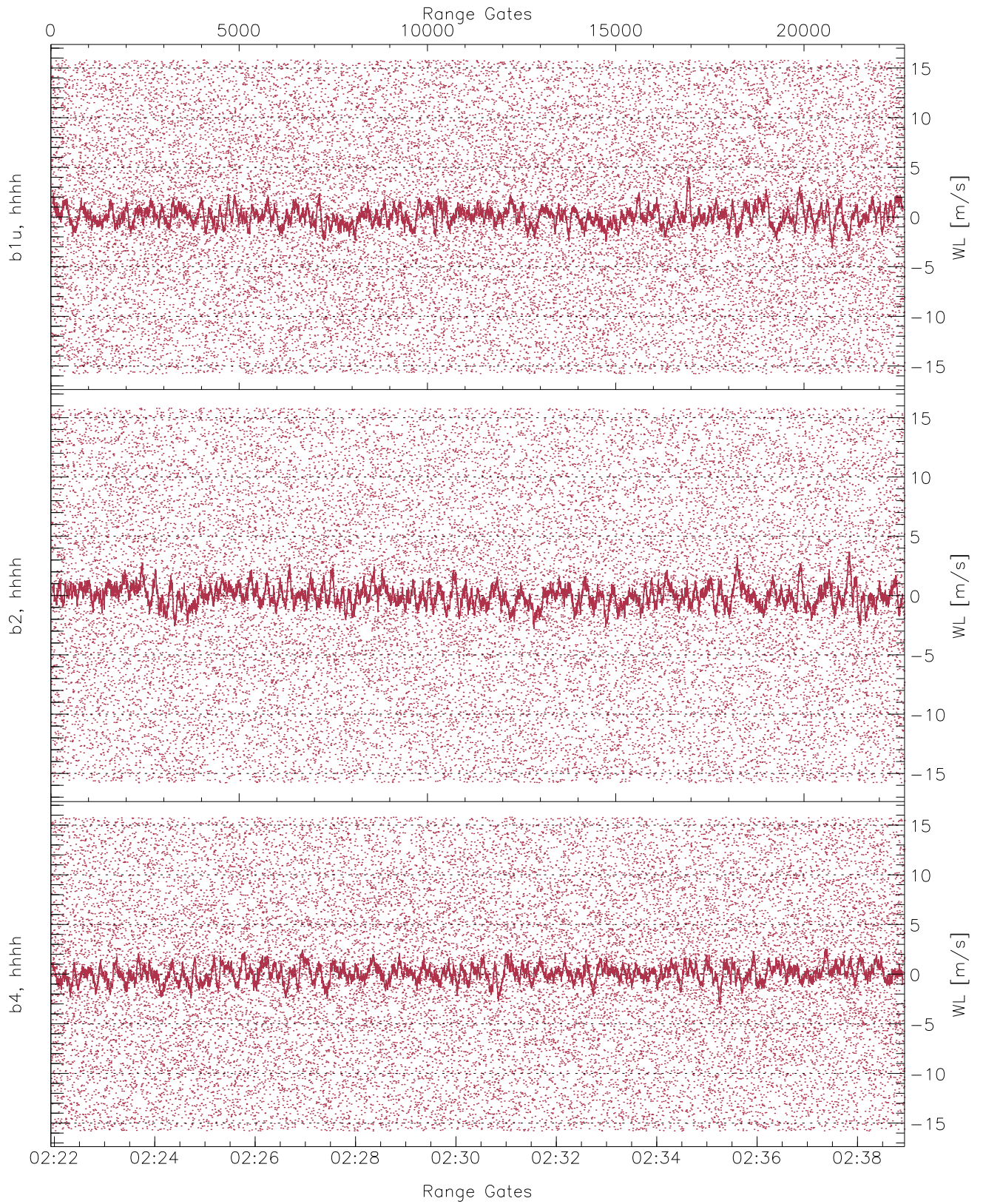




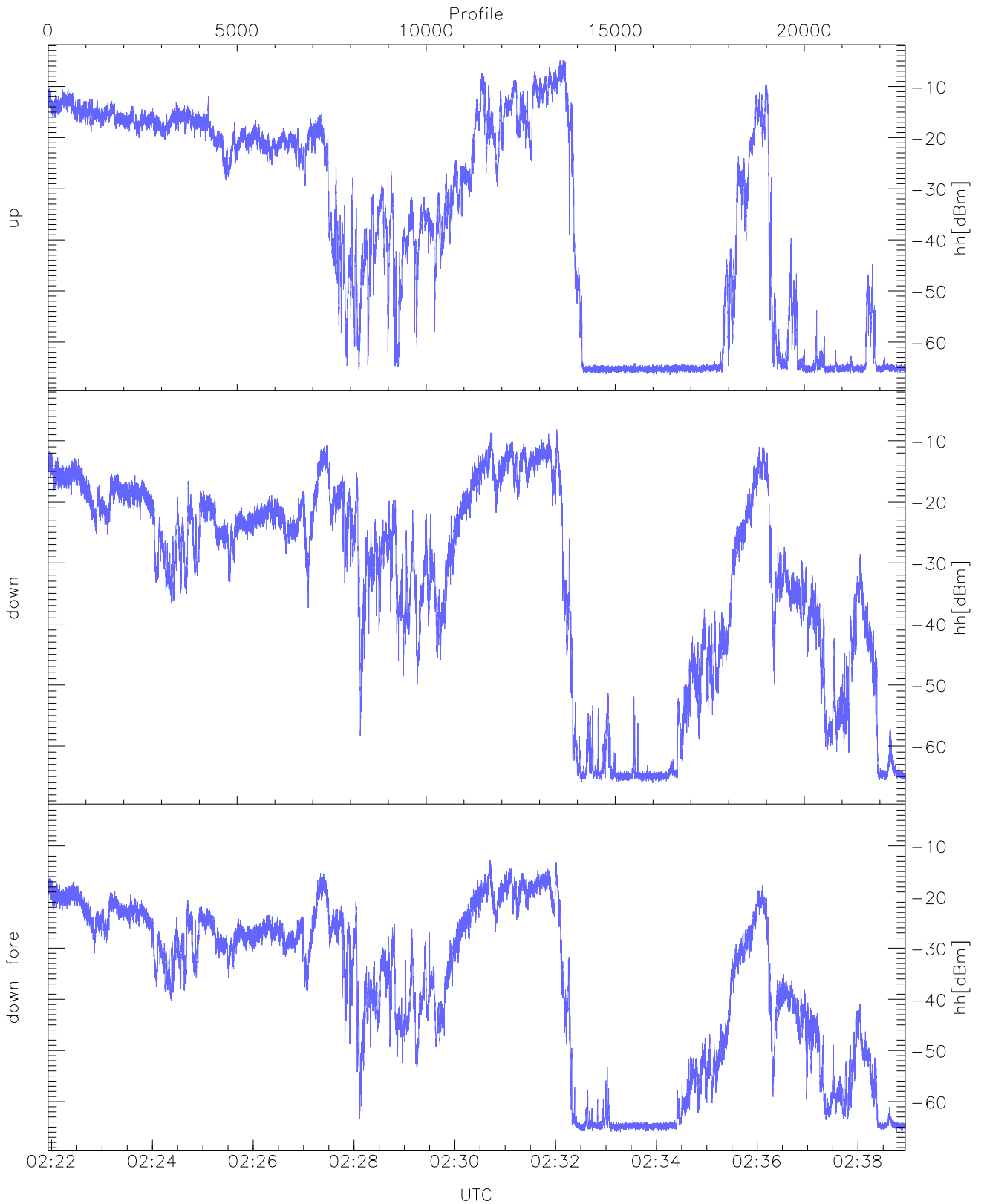
WCR3 CPP Averaged Received power for all recorded gates  
blue: 022156-023026, 11337 profiles averaged  
red: 023026-023856, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 022156-023026, 11337 profiles averaged  
red: 023026-023856, 11336 profiles averaged



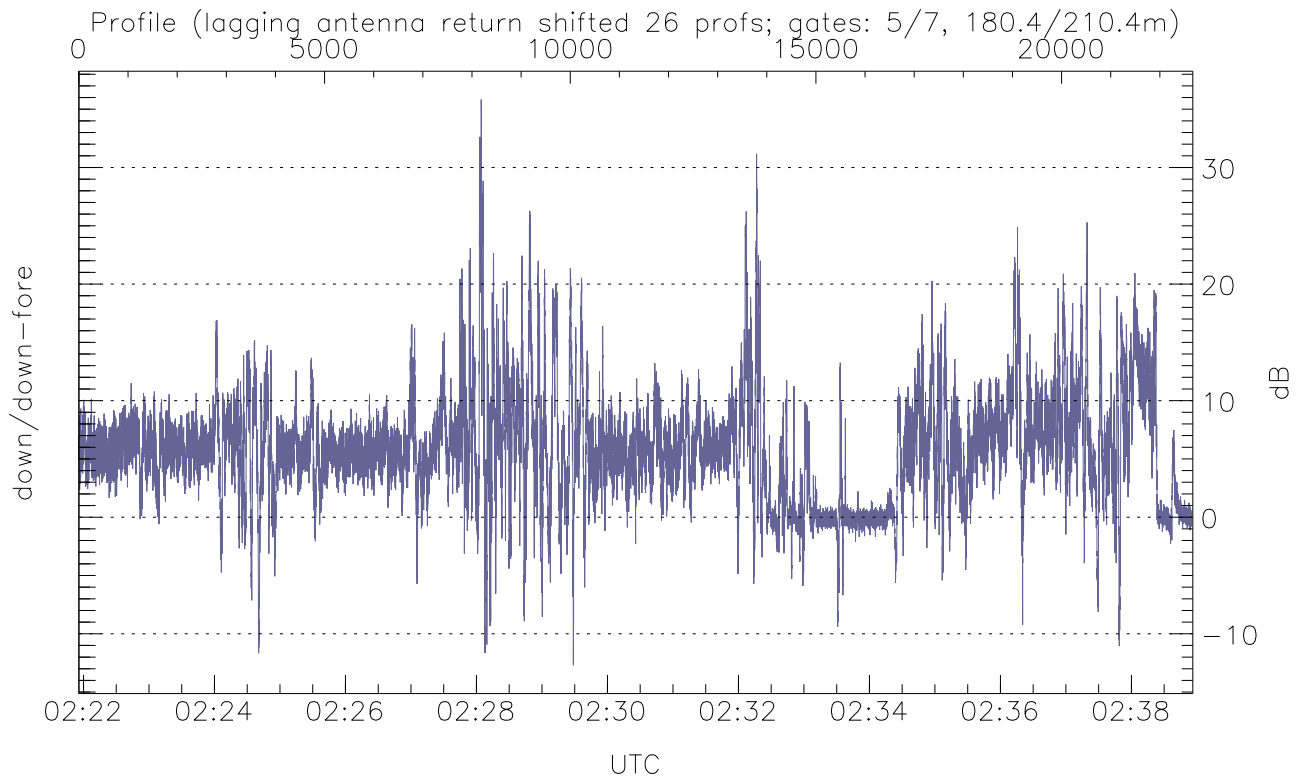
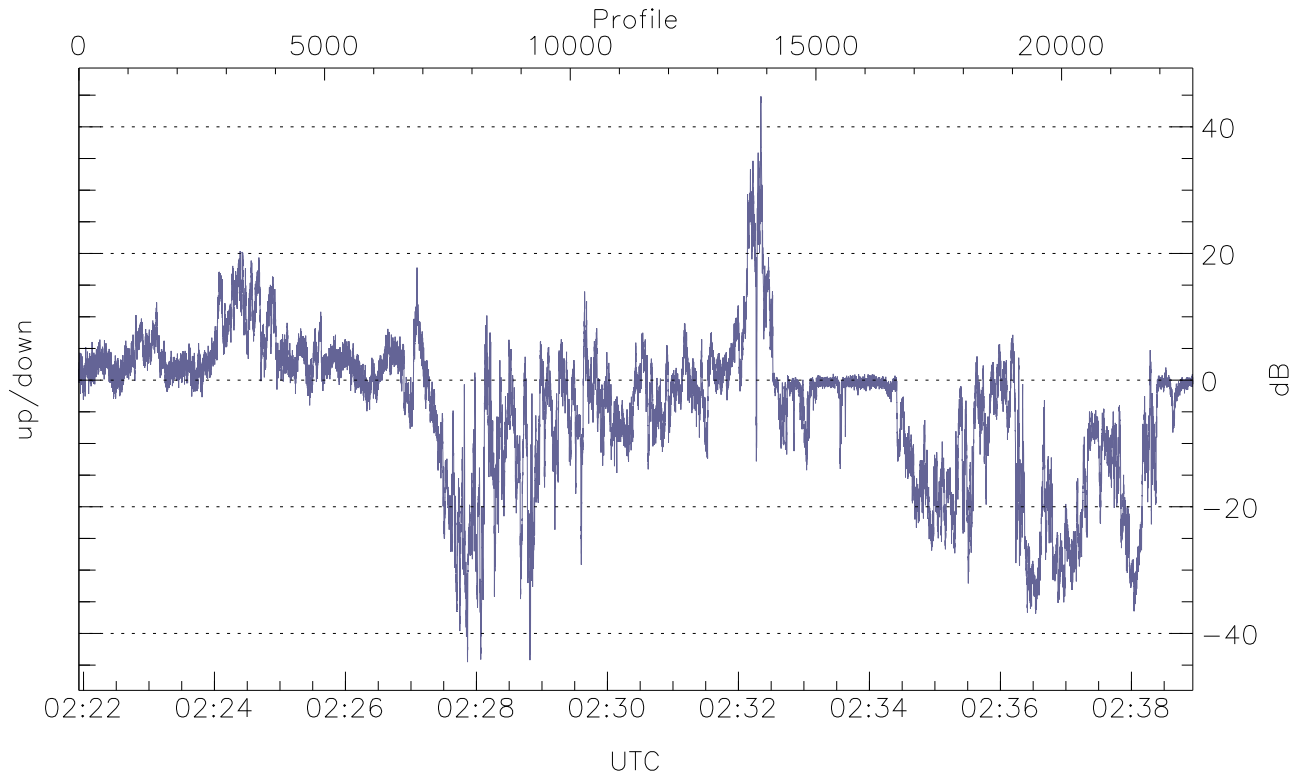
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

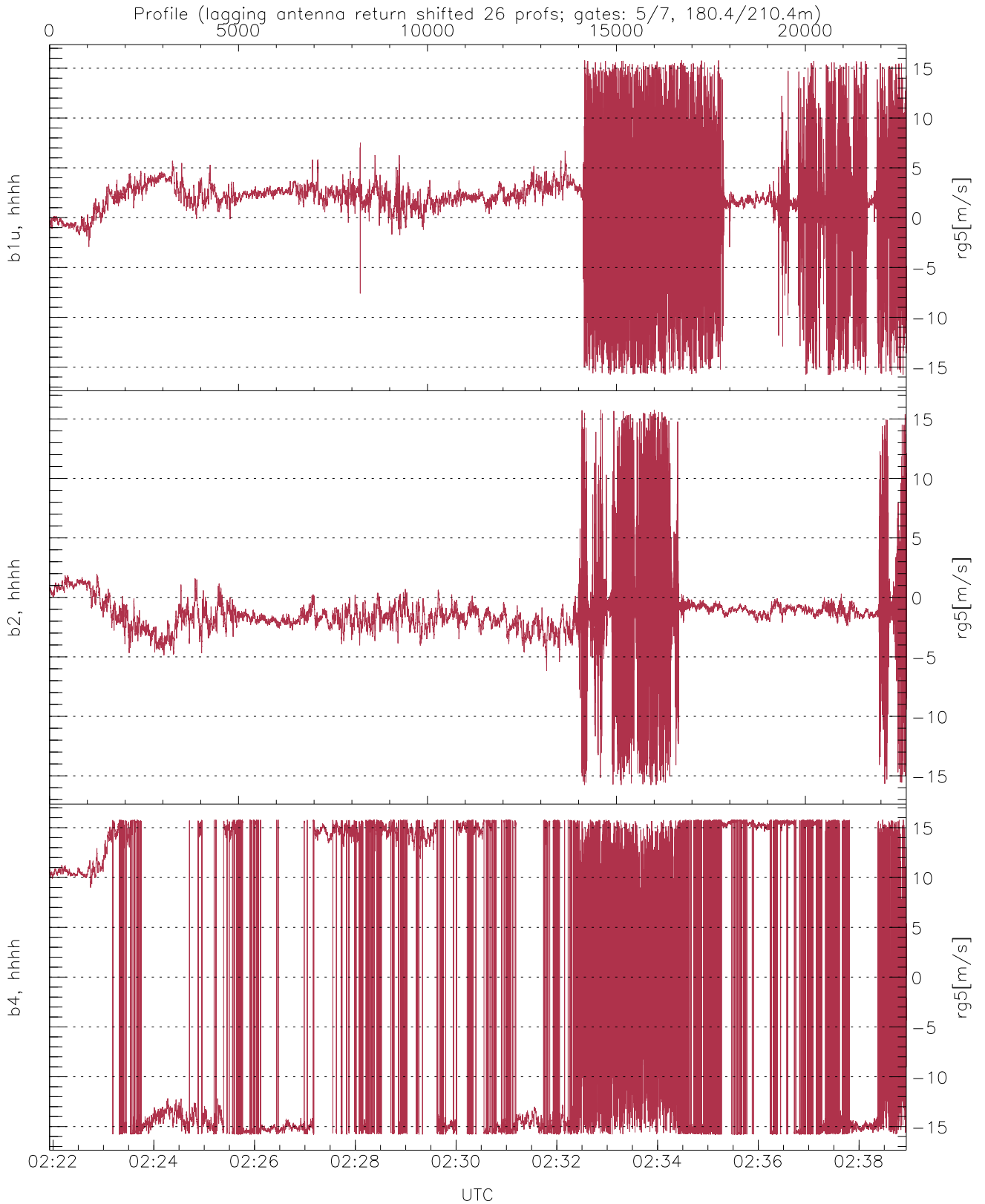
	Min	Max	Mean
up(hh[dBm])	-66.43	-4.88	-18.30
down(hh[dBm])	-66.05	-8.15	-20.07
down-fore(hh[dBm])	-65.98	-12.84	-24.87





WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-44.52	44.82	-4.10
down/down-fore (dB)	-12.70	35.83	5.81



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.54	4.26
b2, hhhh(rg5[m/s])	-15.77	15.78	-1.33	2.72
b4, hhhh(rg5[m/s])	-15.79	15.79	-0.93	14.09