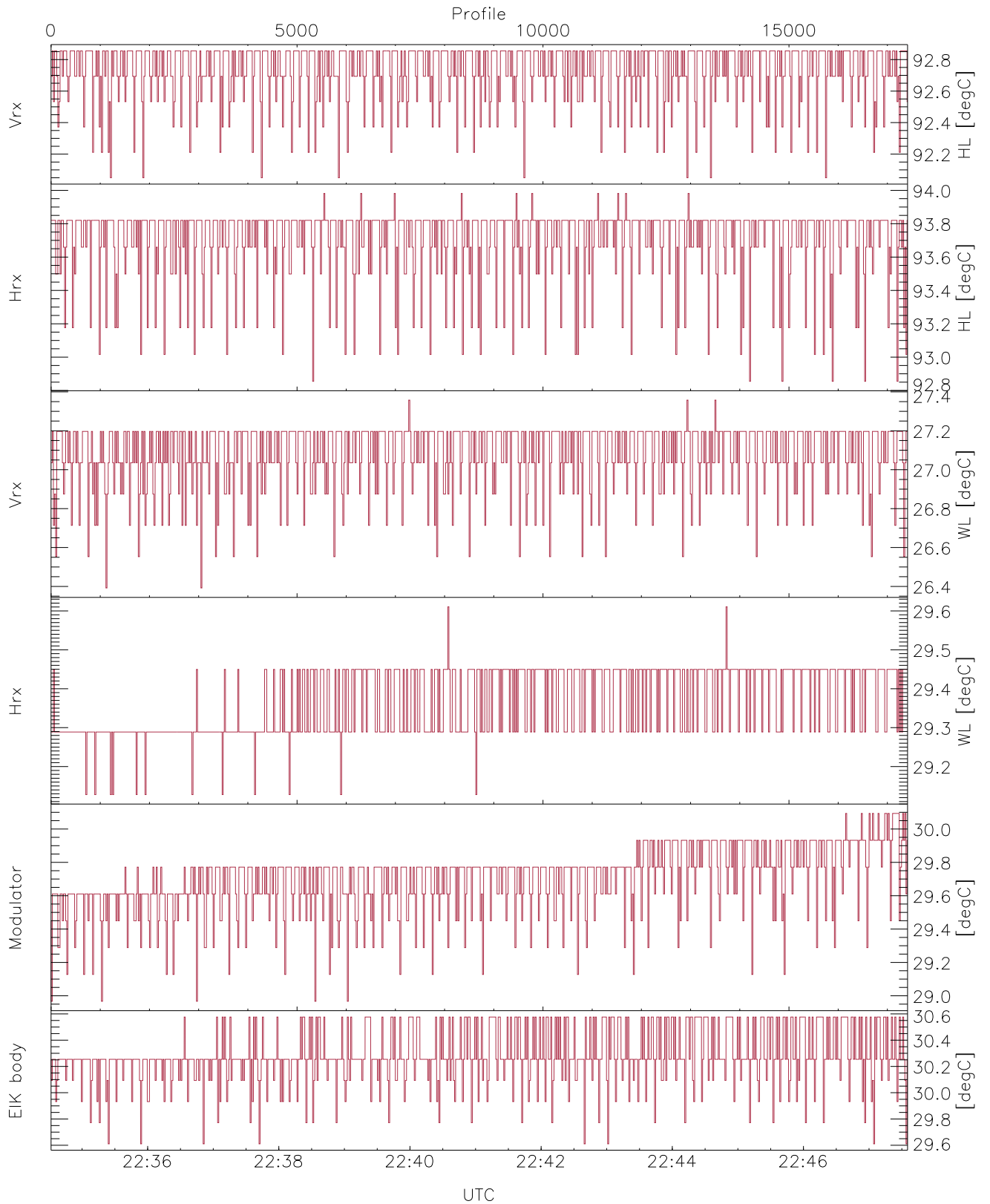


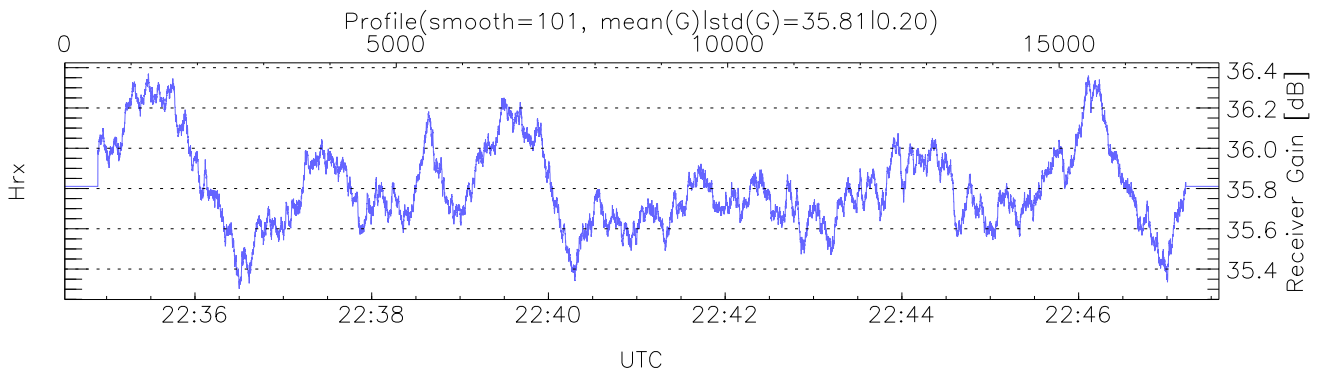
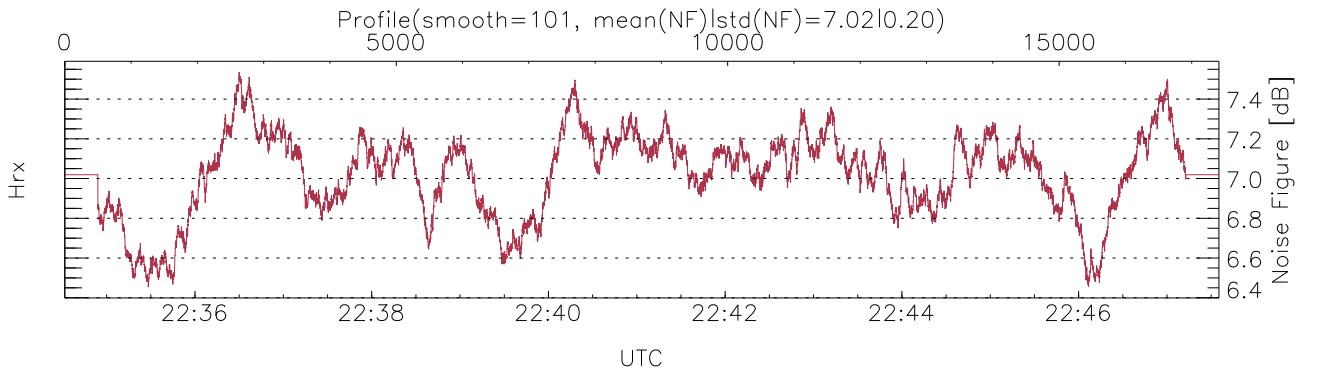
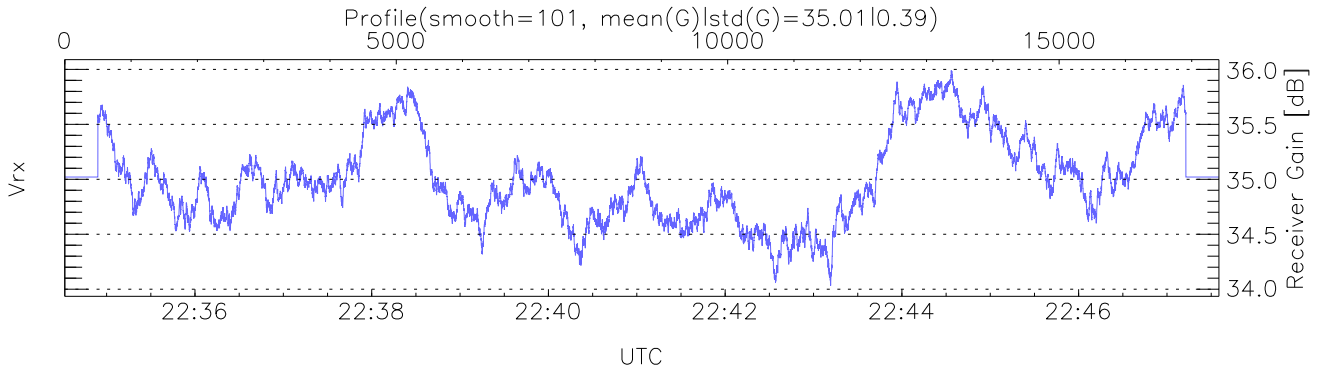
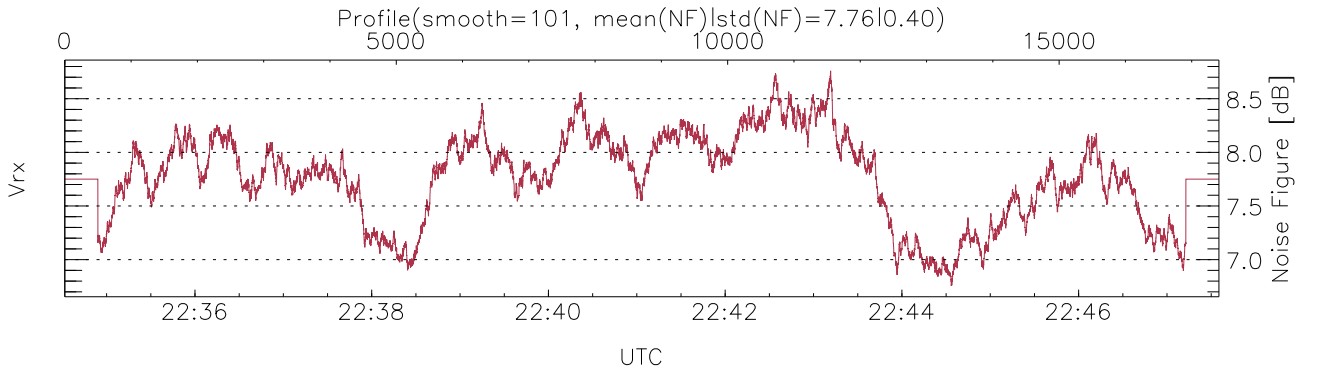
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:34:32-22:47:35, TimeCor: 0.00s, Dur: 783.69s  
 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): 17412/17412, 0-17411/22:34:32-22:47:35  
 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,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



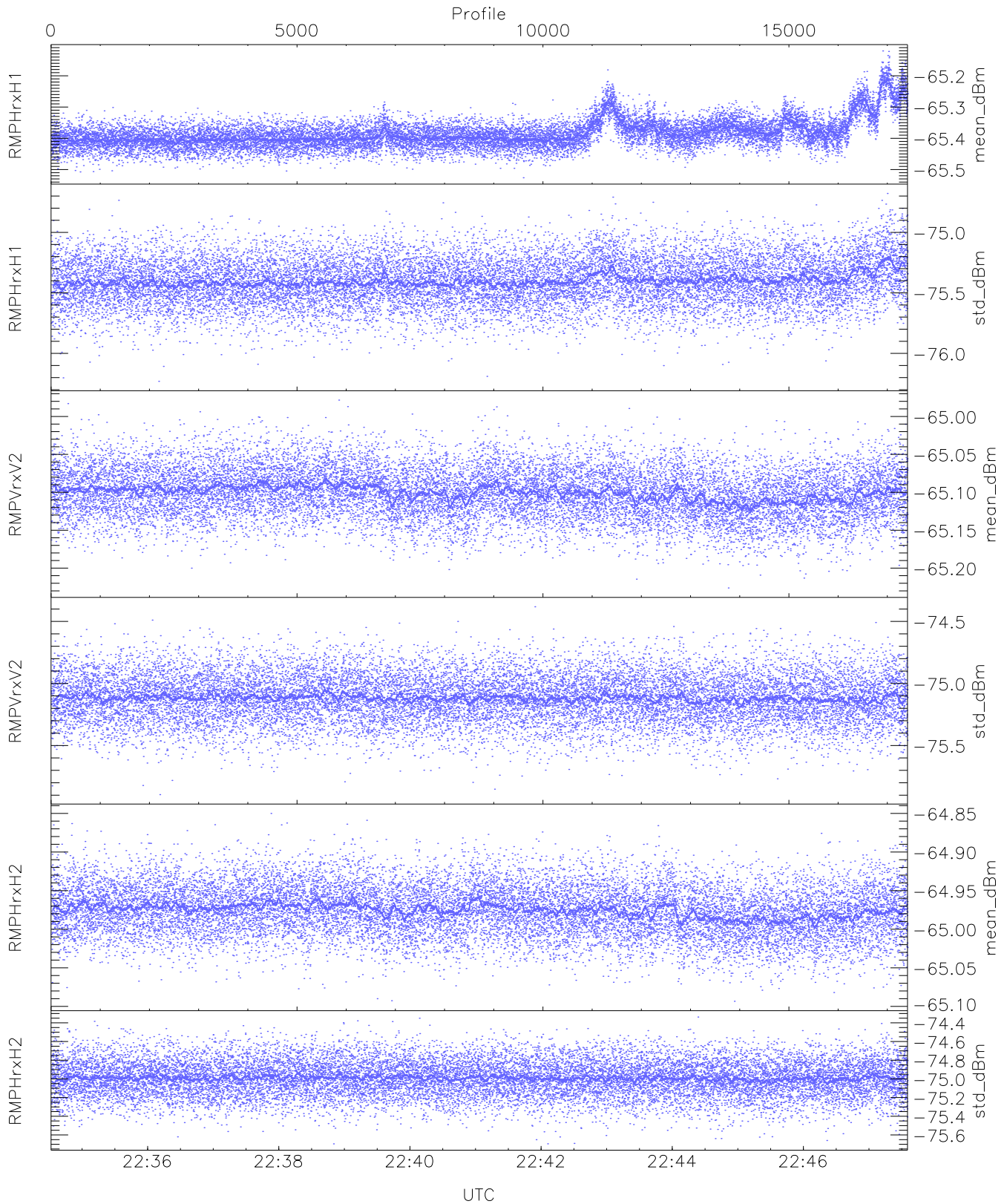
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,26,29,28,29`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,30,30`  
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`  
`EIK/Modulator Faults: None`



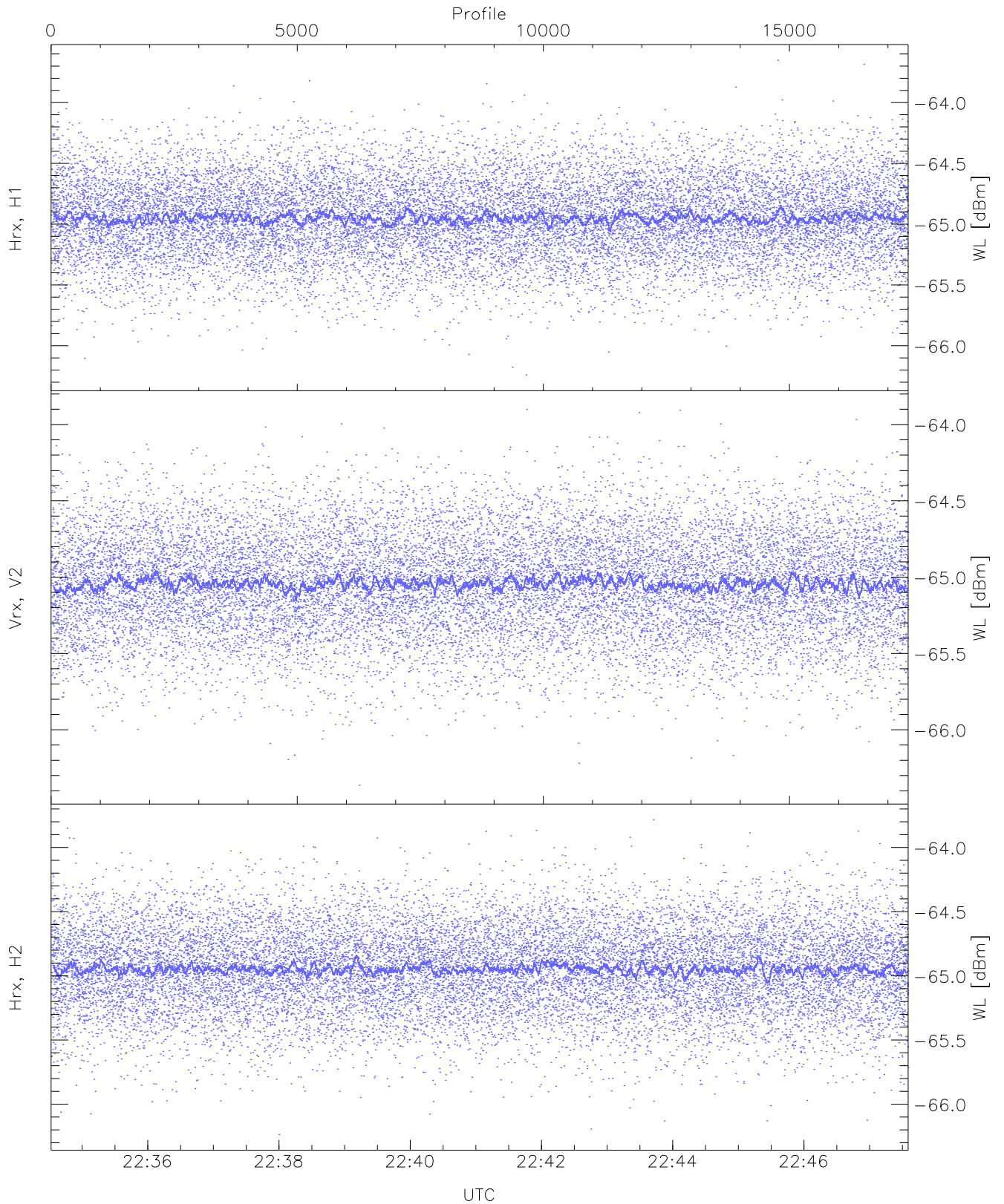
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



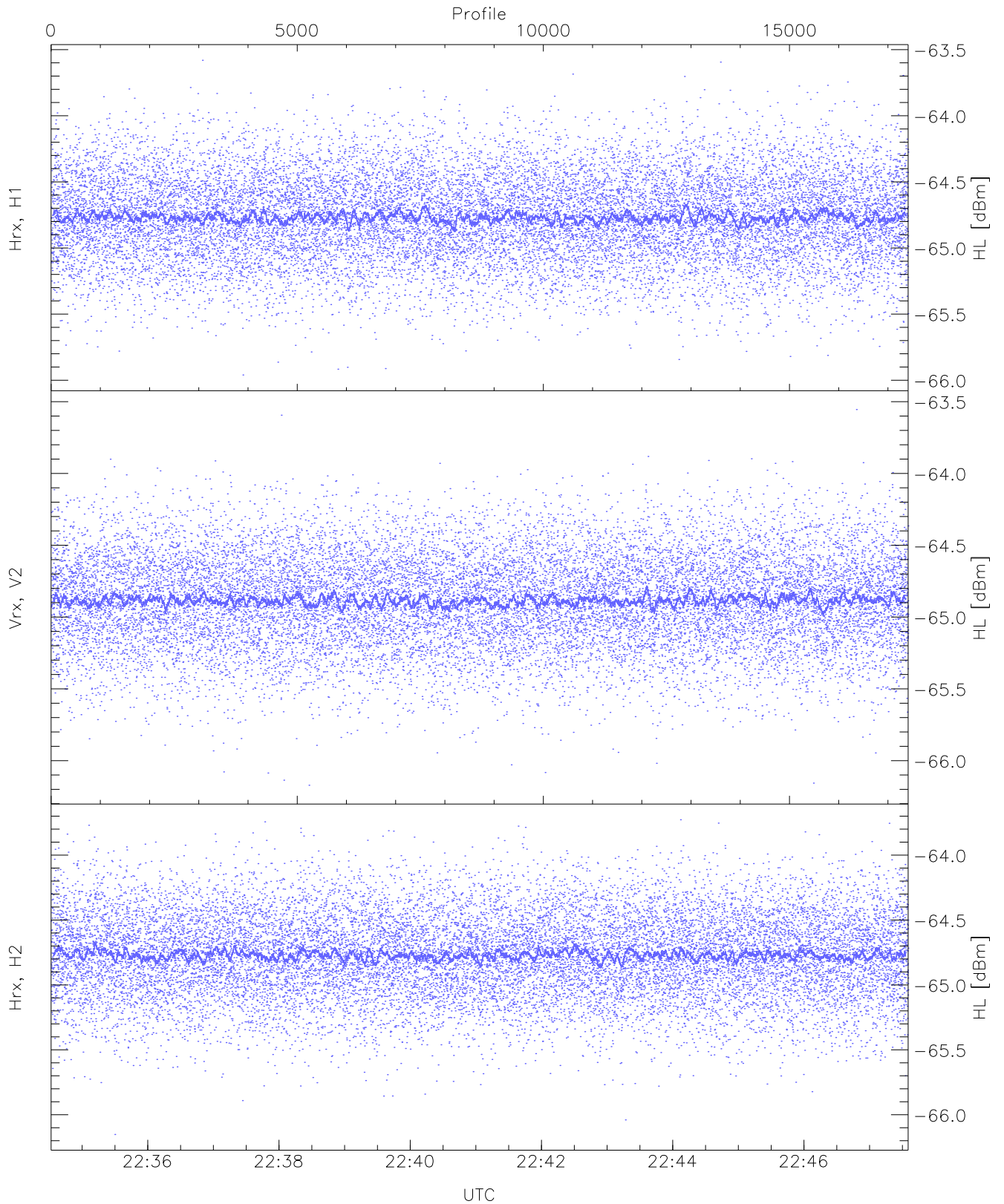
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.53	-65.12	-65.38	-65.39	-84.88
RMPHrxH1(std_dBm)	-76.23	-74.68	-75.40	-75.40	-89.08
RMPVrxV2(mean_dBm)	-65.23	-64.98	-65.10	-65.10	-86.56
RMPVrxV2(std_dBm)	-75.90	-74.38	-75.12	-75.12	-88.90
RMPHrxH2(mean_dBm)	-65.09	-64.85	-64.98	-64.98	-86.44
RMPHrxH2(std_dBm)	-75.70	-74.34	-74.99	-74.99	-88.77



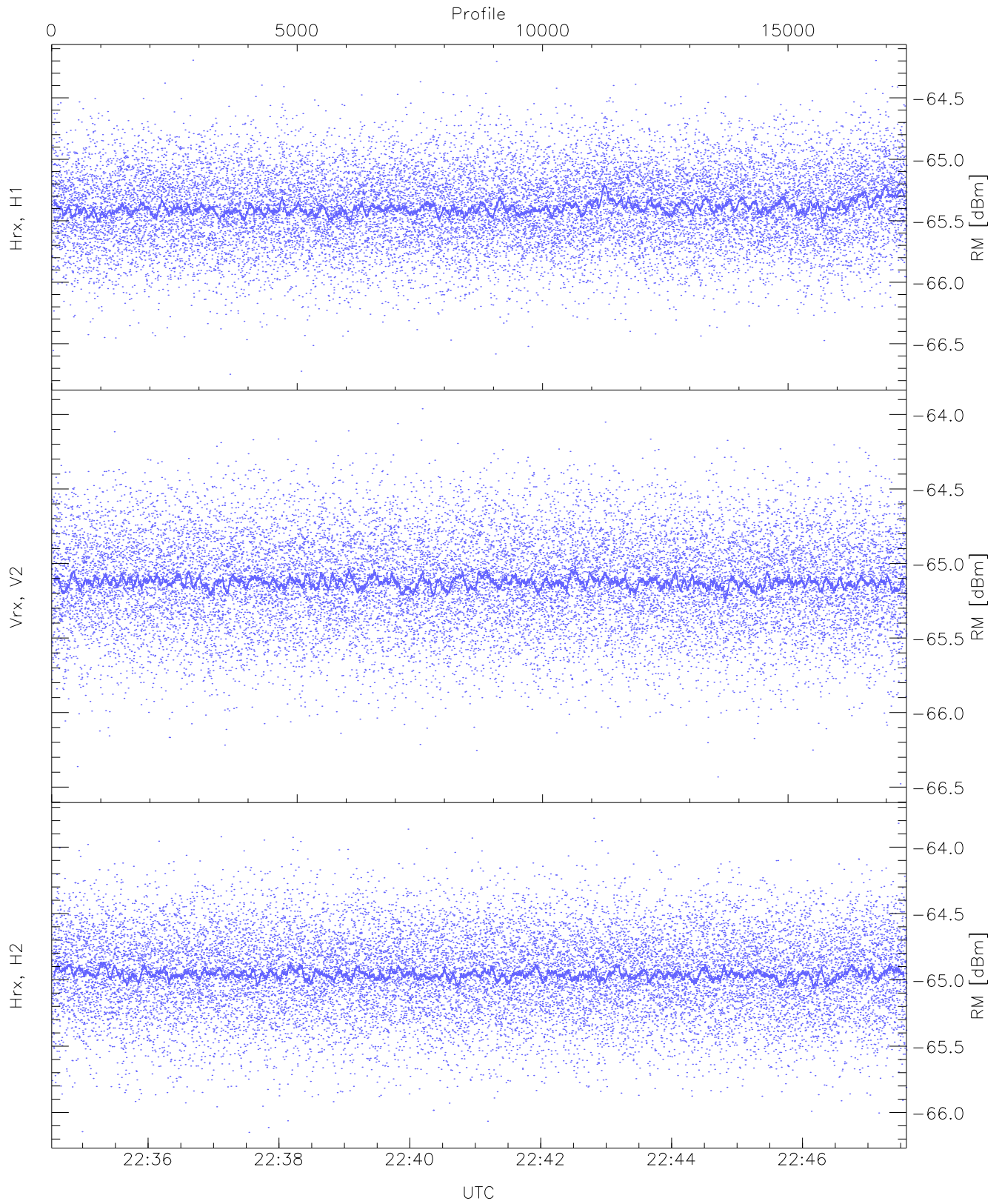
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.24	-63.65	-64.94	-64.95	-76.44
Vrx, V2 (WL [dBm])	-66.36	-63.90	-65.03	-65.04	-76.52
Hrx, H2 (WL [dBm])	-66.24	-63.78	-64.94	-64.94	-76.43



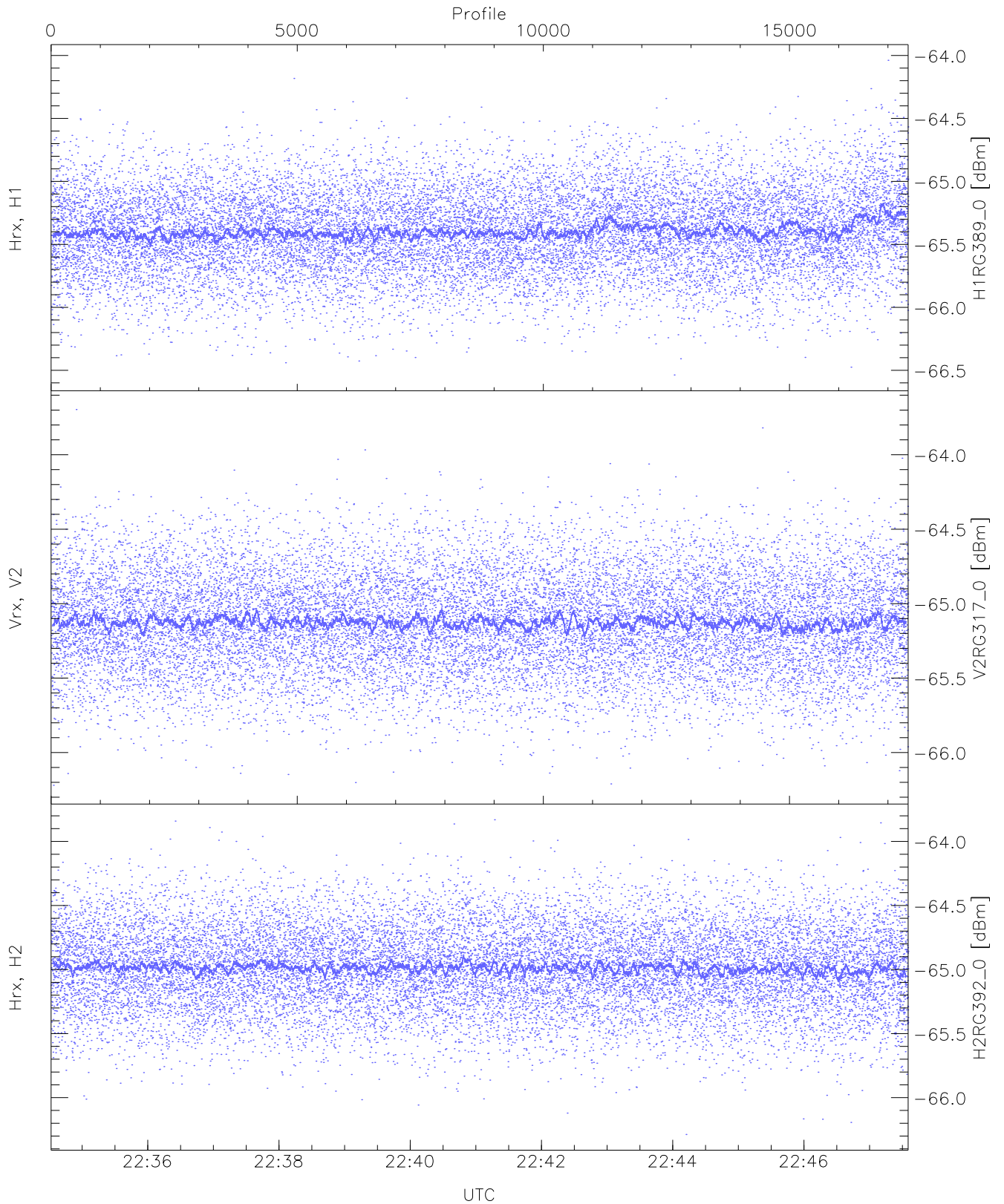
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.96	-63.58	-64.76	-64.77	-76.22
Vrx, V2 (HL [dBm])	-66.17	-63.55	-64.88	-64.88	-76.39
Hrx, H2 (HL [dBm])	-66.15	-63.73	-64.76	-64.77	-76.27



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

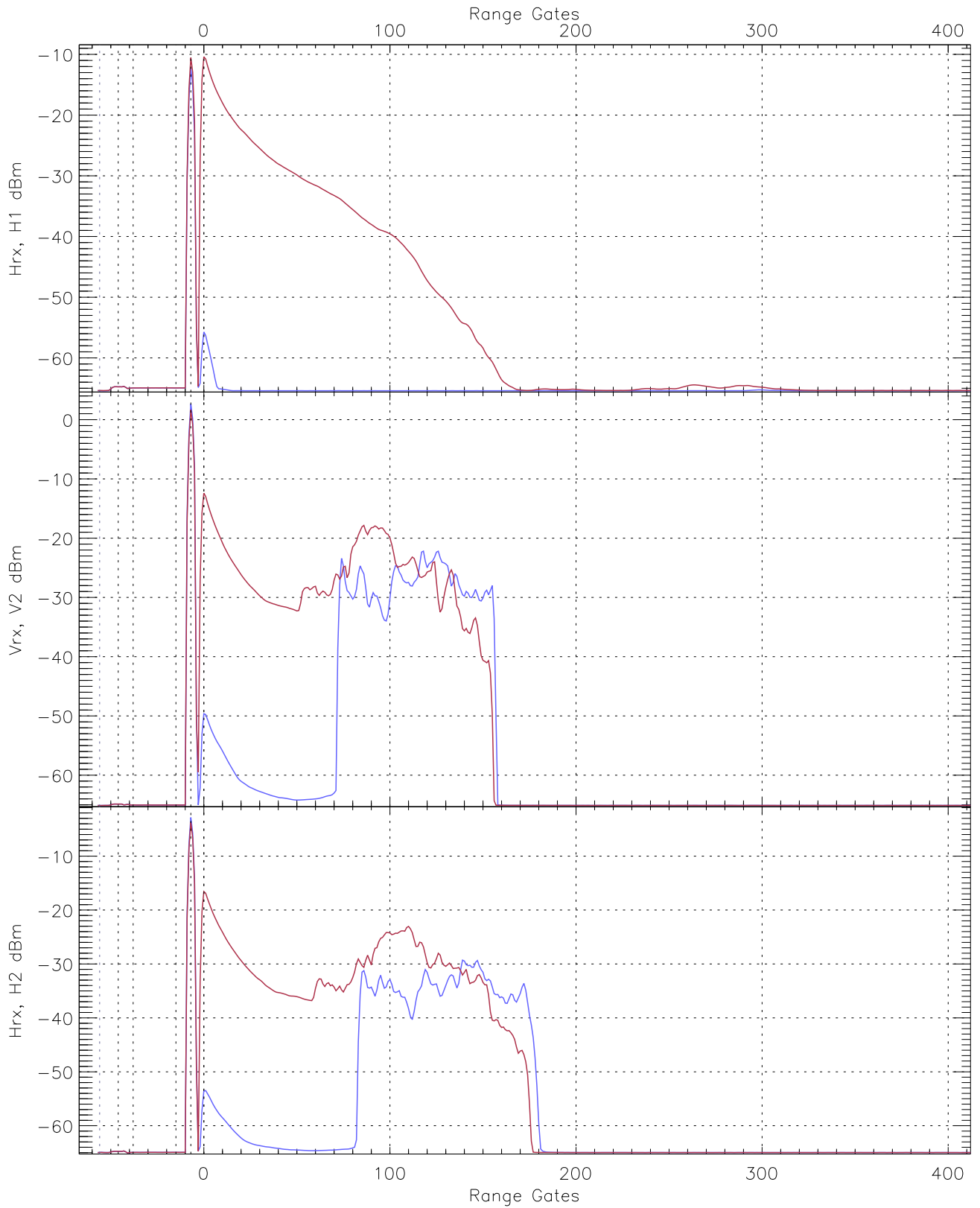
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.75	-64.19	-65.39	-65.39	-76.86
Vrx, V2 (RM [dBm])	-66.48	-63.96	-65.12	-65.12	-76.62
Hrx, H2 (RM [dBm])	-66.15	-63.78	-64.95	-64.95	-76.45



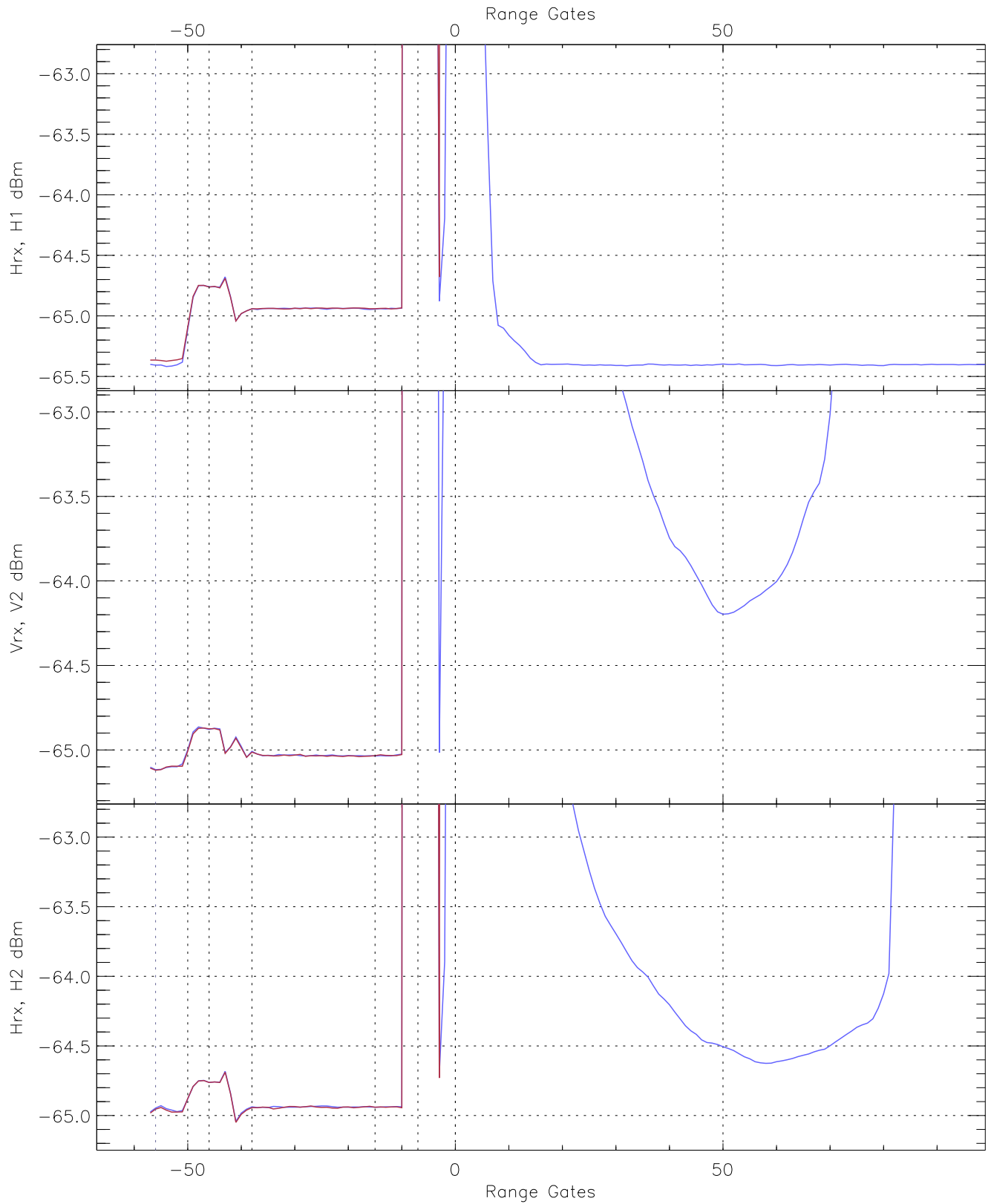
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG389_0 [dBm]	-66.54	-64.04	-65.39	-65.40	-76.87
V2RG317_0 [dBm]	-66.22	-63.70	-65.12	-65.13	-76.62
H2RG392_0 [dBm]	-66.29	-63.83	-64.98	-64.99	-76.53

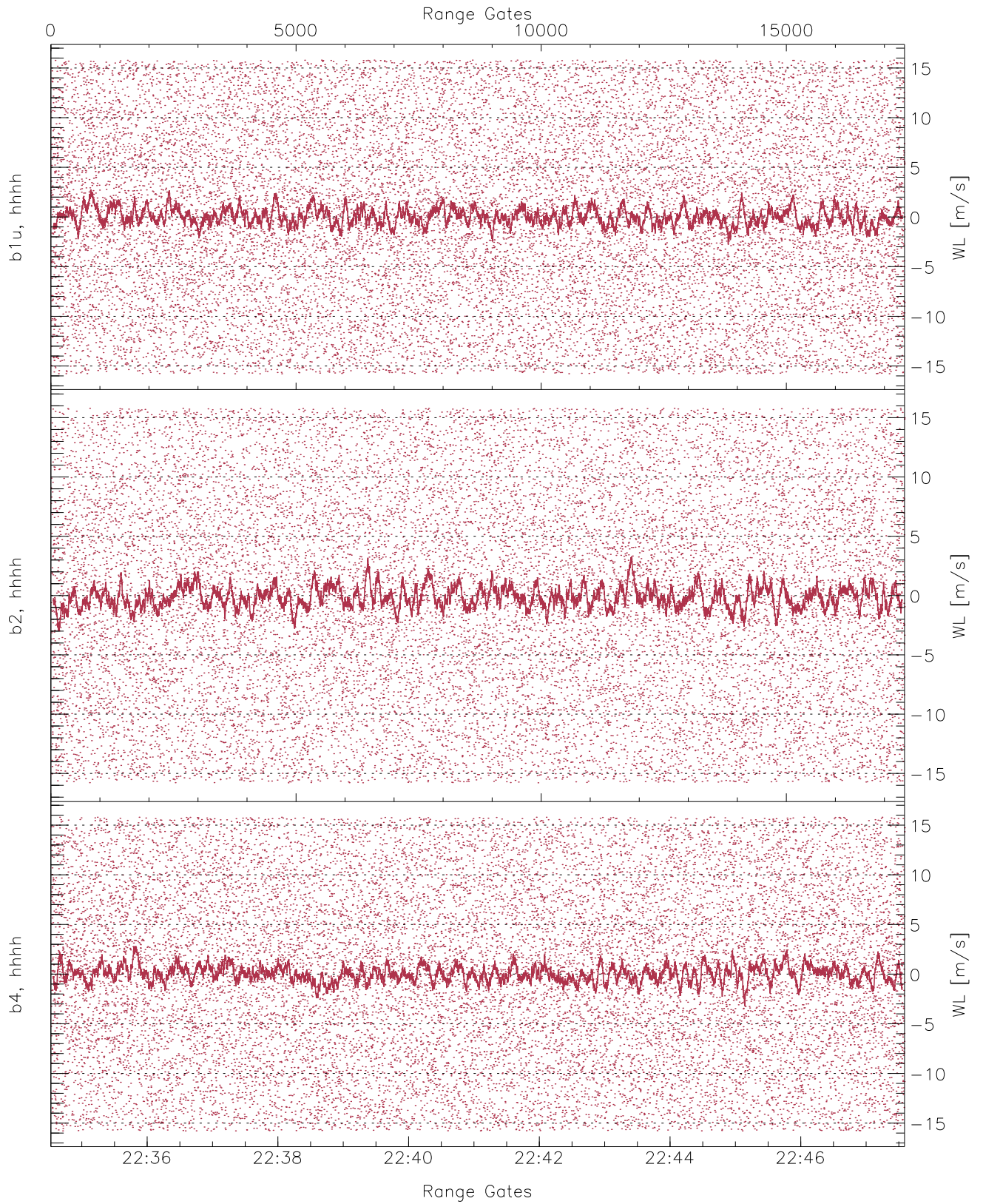




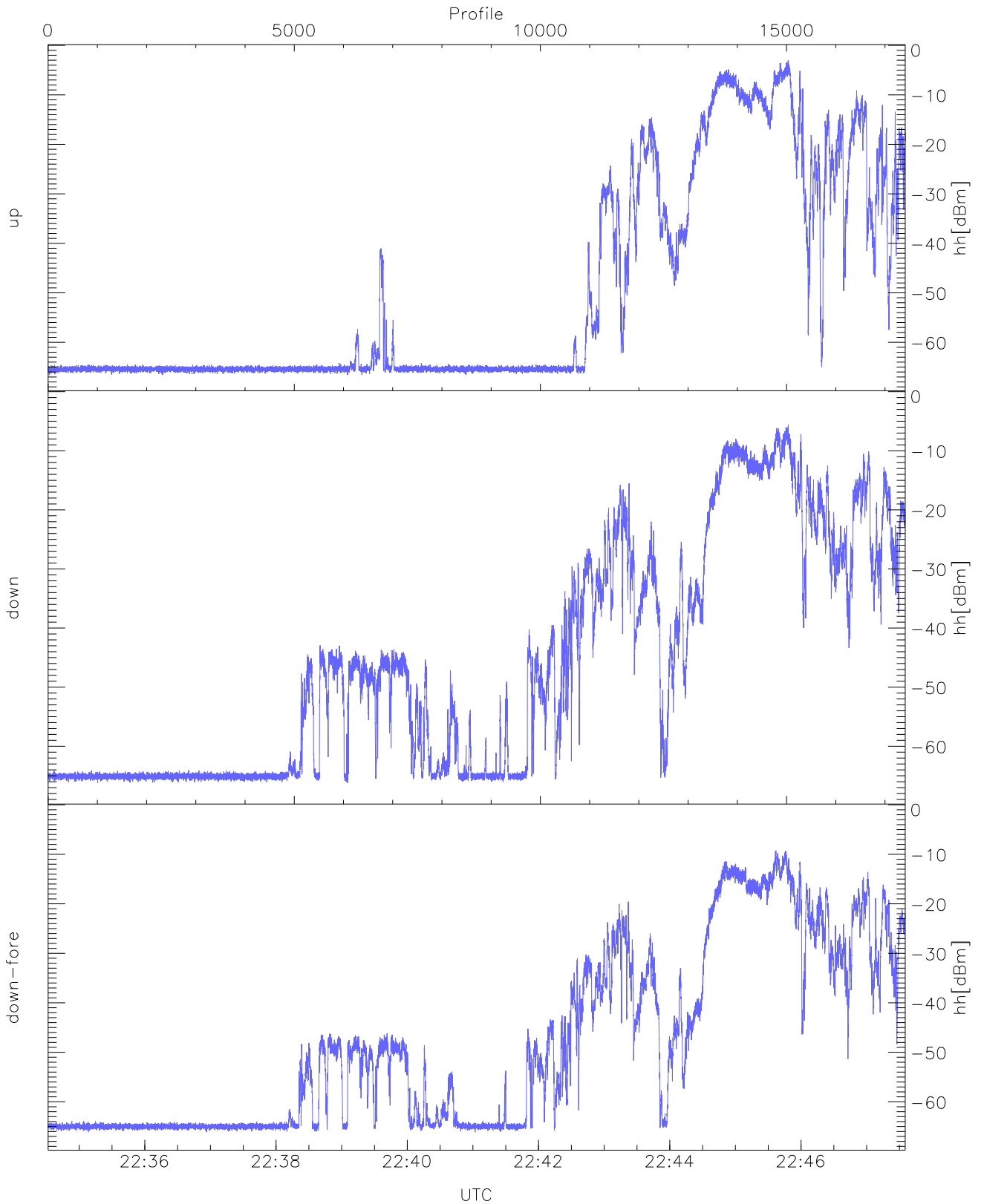
WCR3 CPP Averaged Received power for all recorded gates  
blue: 223432-224103, 8707 profiles averaged  
red: 224103-224735, 8706 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 223432-224103, 8707 profiles averaged  
red: 224103-224735, 8706 profiles averaged

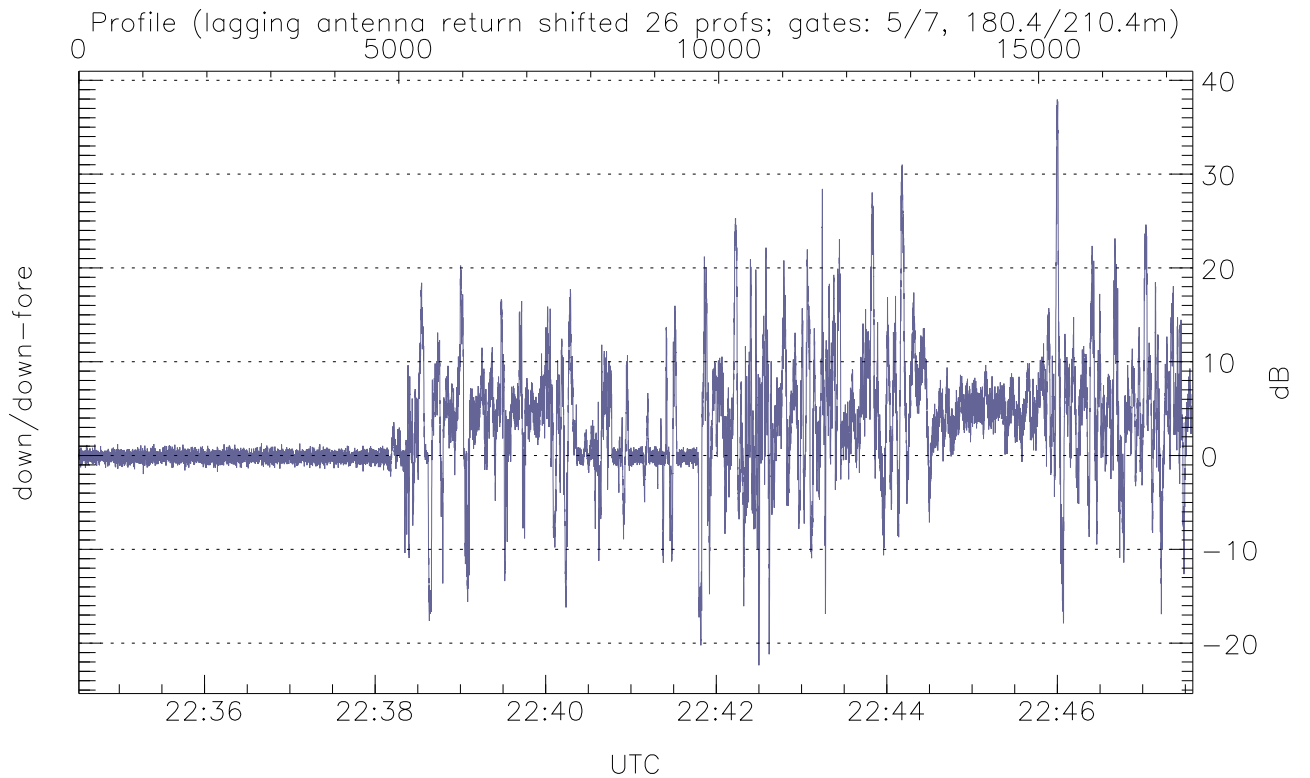
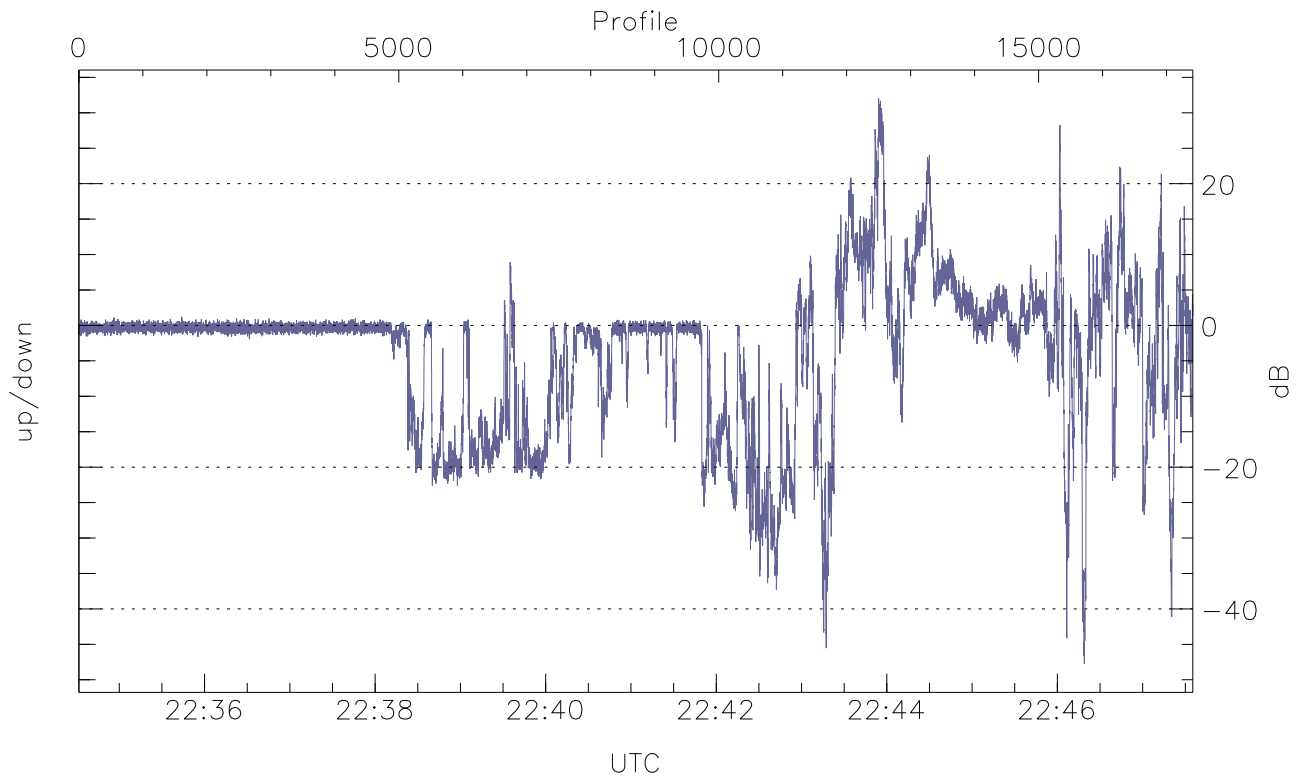


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



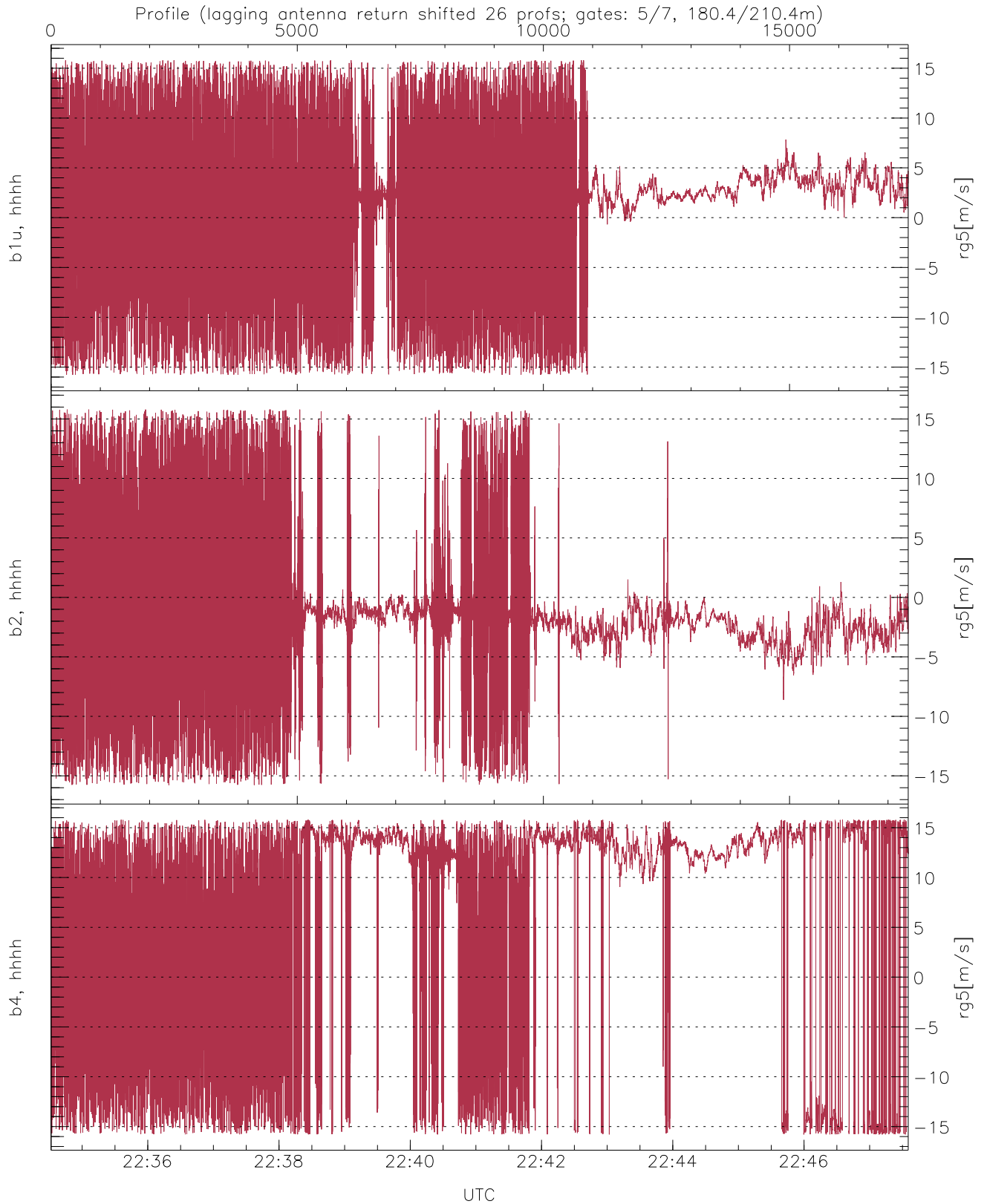
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.60	-3.02	-17.67
down(hh[dBm])	-66.18	-5.57	-19.98
down-fore(hh[dBm])	-66.14	-9.27	-23.65



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

	Min	Max	Mean
up/down (dB)	-47.78	32.04	-3.80
down/down-fore (dB)	-22.35	37.95	2.80



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.20	6.86
b2, hhhh(rg5[m/s])	-15.77	15.79	-1.36	5.56
b4, hhhh(rg5[m/s])	-15.79	15.79	6.13	10.38