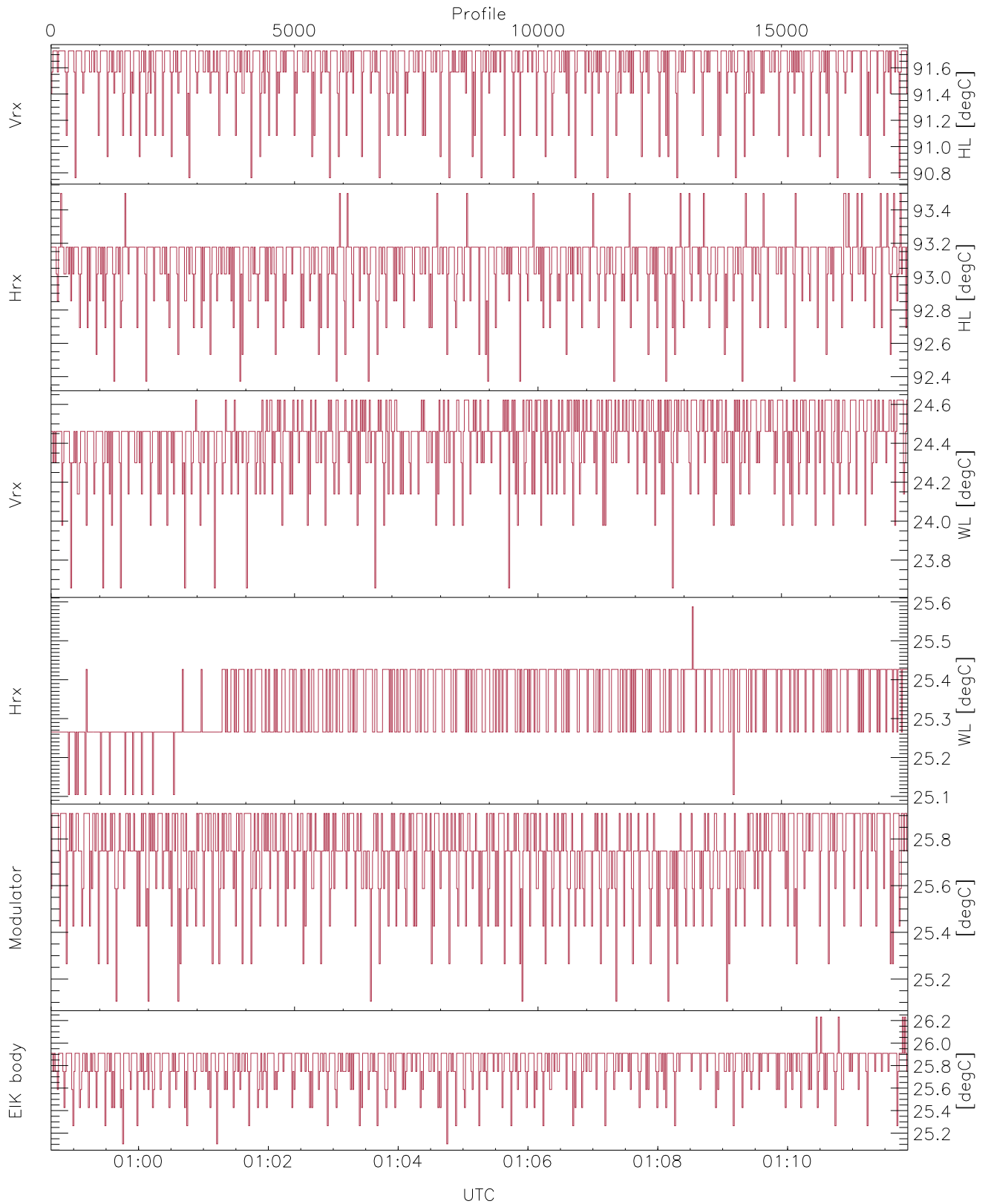




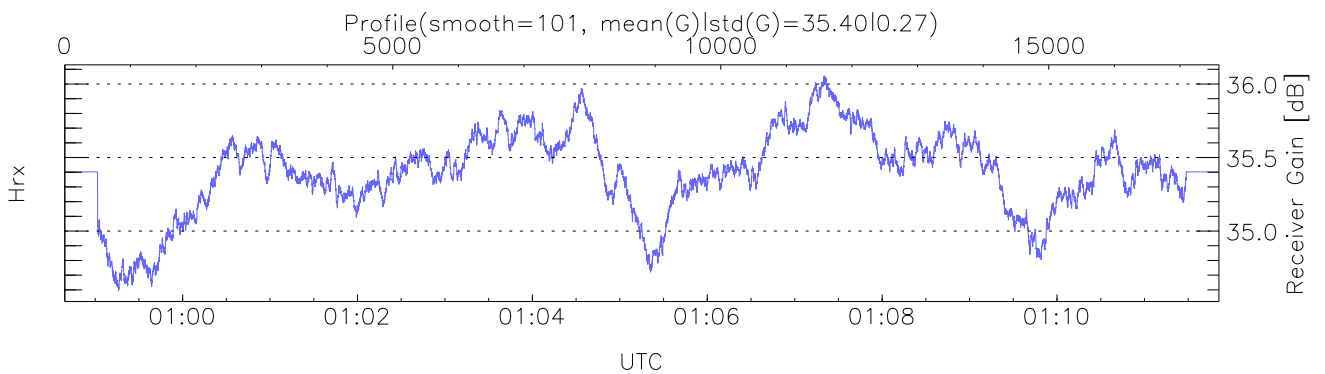
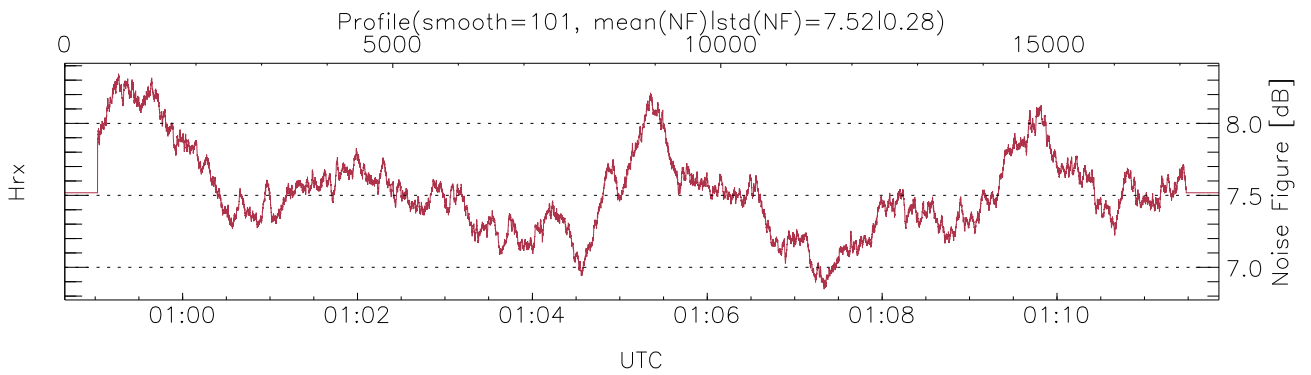
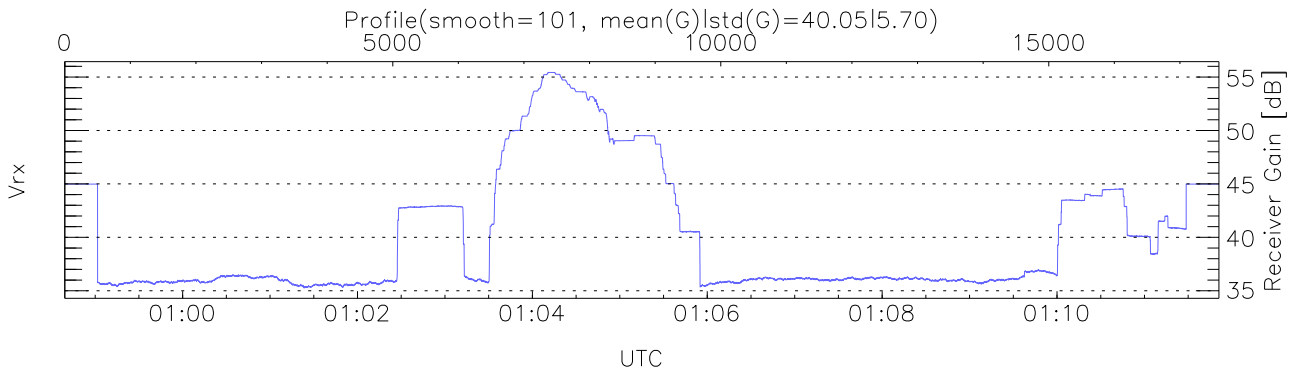
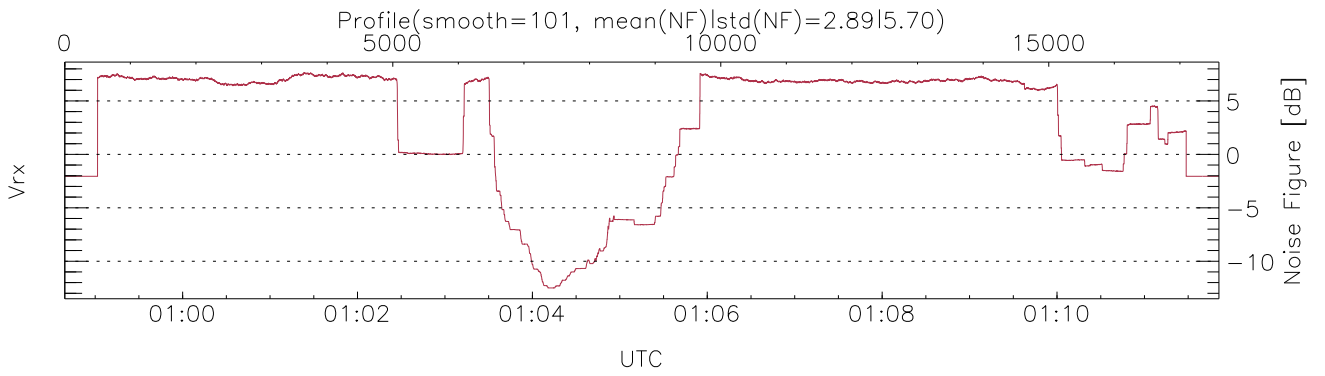
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:58:39-01:11:51, TimeCor: 0.00s, Dur: 791.97s  
 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): 17596/17596, 0-17595/00:58:39-01:11:51  
 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



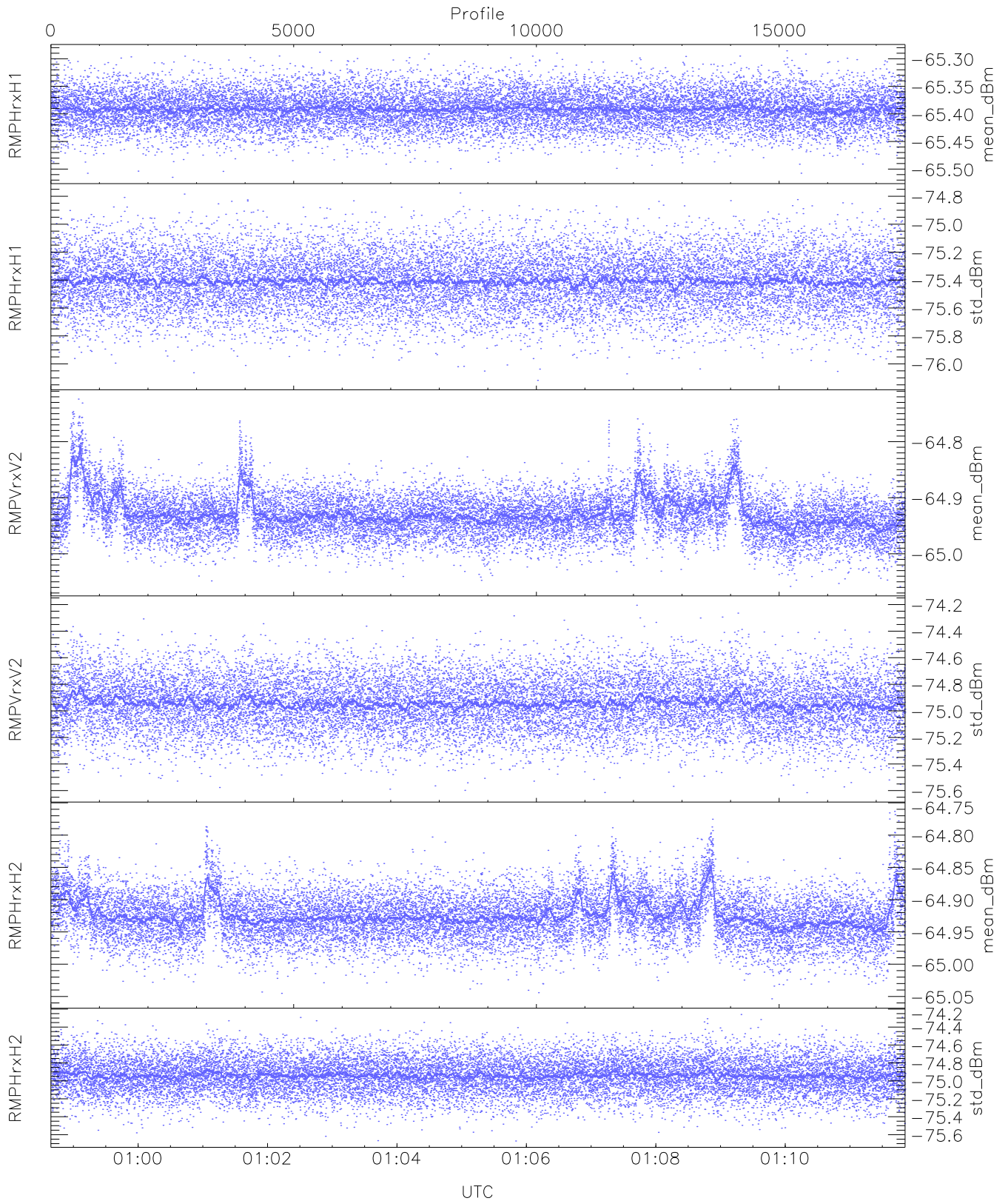
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,25,25,25`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,24,25,25,26`  
`LOalarm(20,240,2817,14861 MHz): None`  
`EIK/Modulator Faults: None`



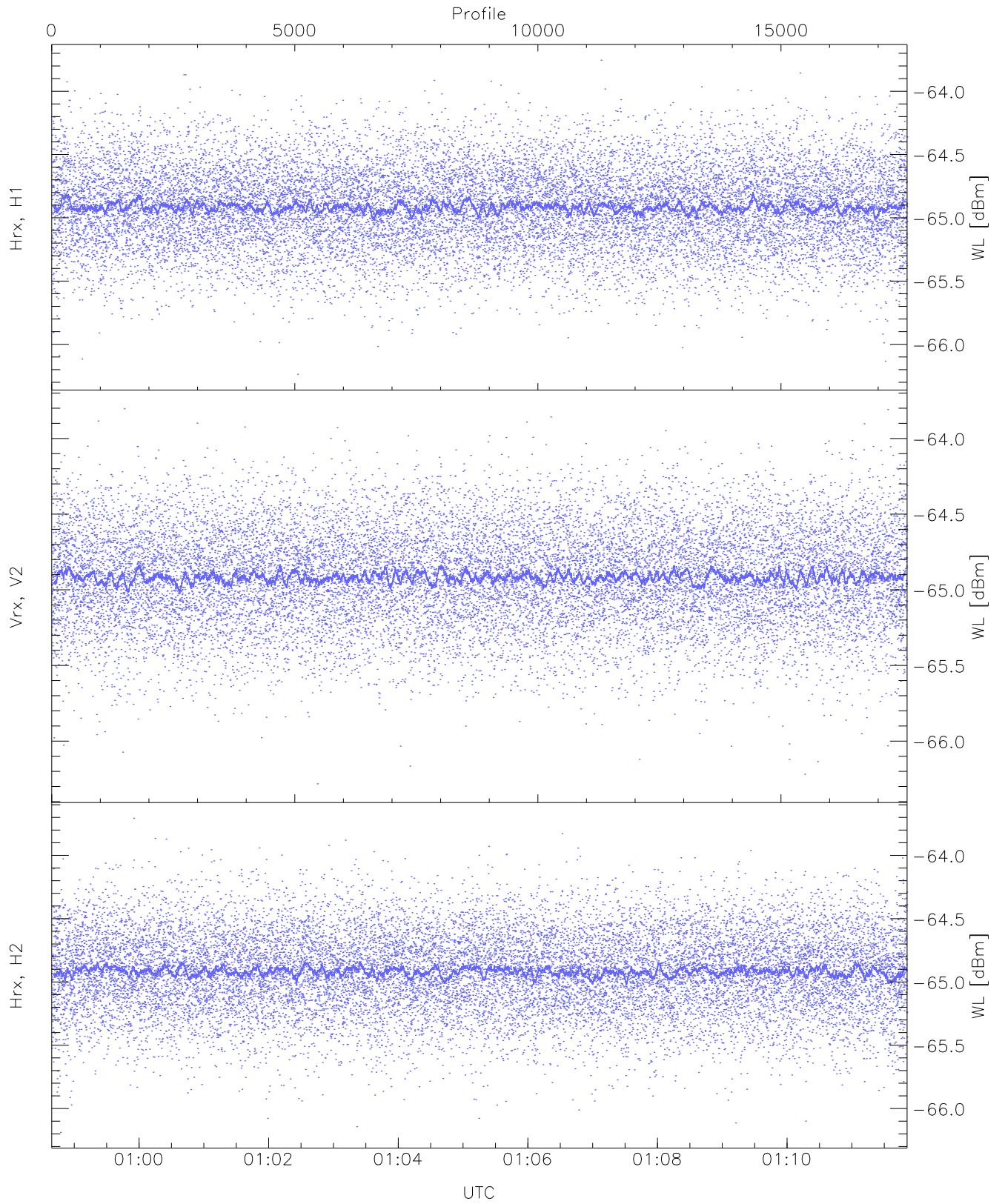
### WCR3 CPP Receivers Gain and Noise Figure

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



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

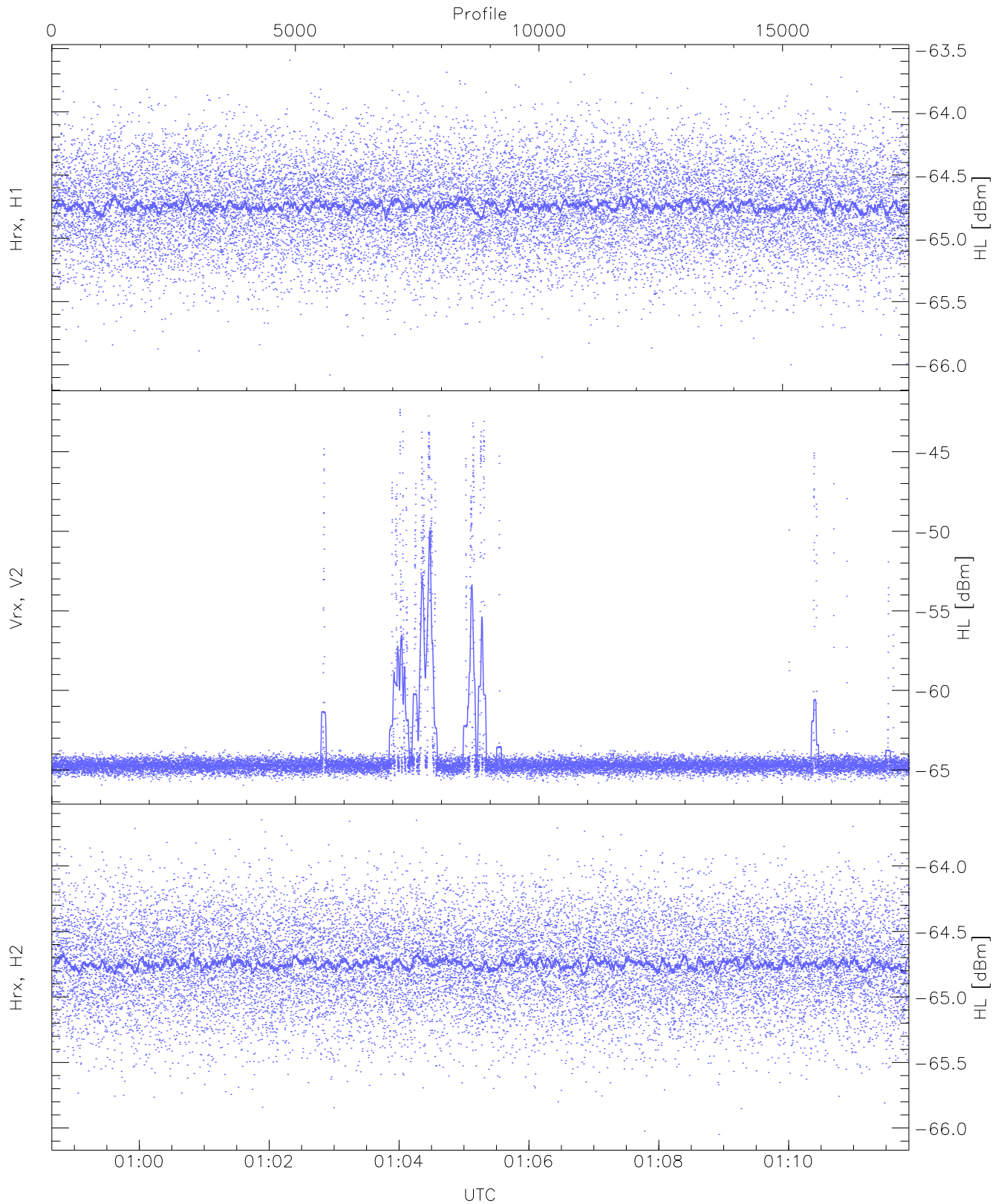
	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.51	-65.29	-65.39	-65.39	-87.02
RMPHrxH1(std_dBm)	-76.12	-74.78	-75.41	-75.41	-89.18
RMPVrxV2(mean_dBm)	-65.06	-64.72	-64.93	-64.93	-85.38
RMPVrxV2(std_dBm)	-75.62	-74.21	-74.94	-74.94	-88.67
RMPHrxH2(mean_dBm)	-65.05	-64.76	-64.92	-64.93	-85.87
RMPHrxH2(std_dBm)	-75.67	-74.26	-74.94	-74.94	-88.69



WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

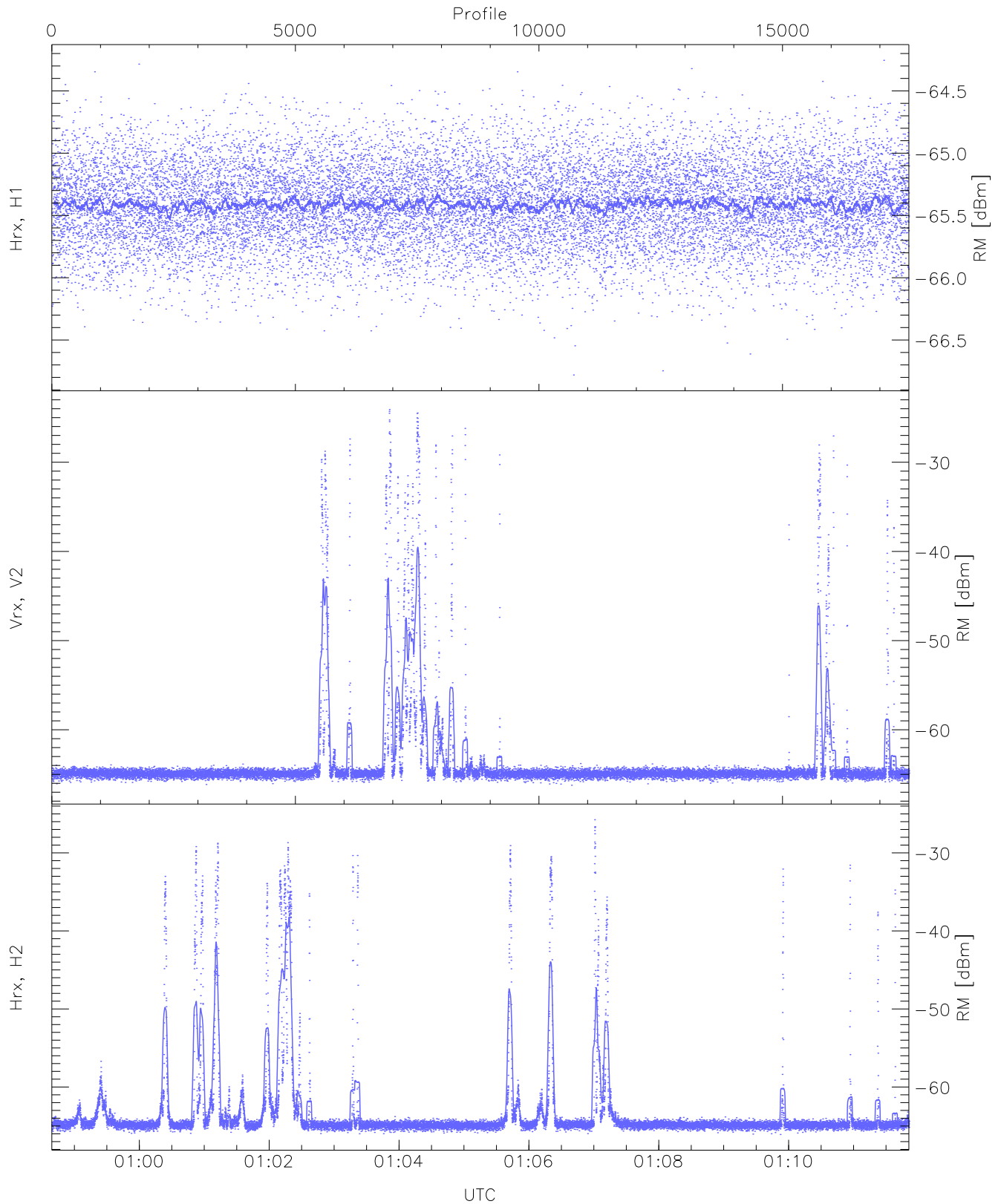
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.24	-63.75	-64.91	-64.92	-76.42
Vrx, V2 (WL [dBm])	-66.28	-63.80	-64.91	-64.92	-76.45
Hrx, H2 (WL [dBm])	-66.19	-63.71	-64.91	-64.92	-76.45





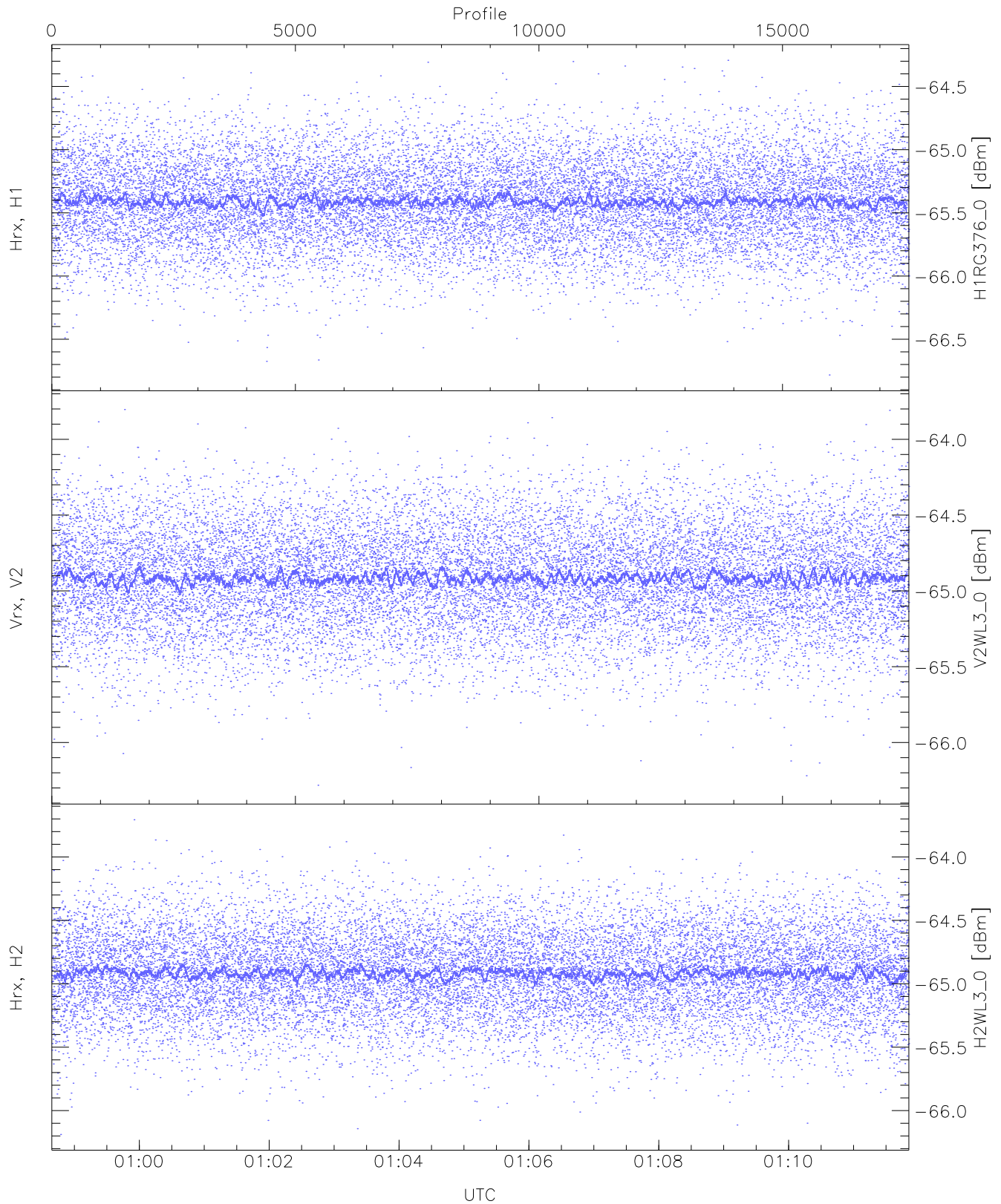
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.08	-63.59	-64.74	-64.74	-76.26
Vrx, V2 (HL [dBm])	-65.96	-42.35	-61.23	-64.71	-55.18
Hrx, H2 (HL [dBm])	-66.05	-63.65	-64.74	-64.75	-76.25



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

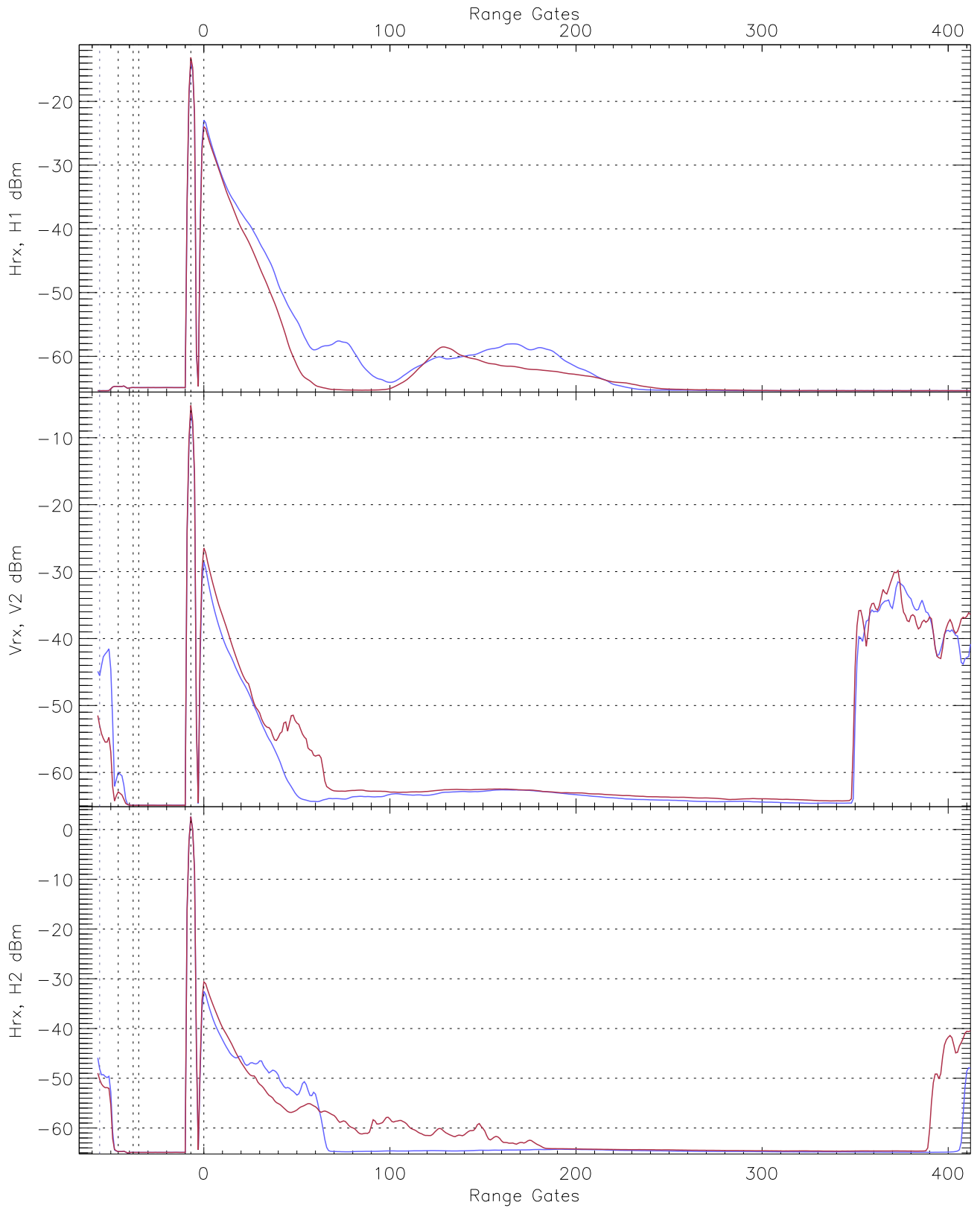
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.78	-64.25	-65.40	-65.41	-76.86
Vrx, V2 (RM [dBm])	-66.22	-24.09	-47.84	-64.88	-38.28
Hrx, H2 (RM [dBm])	-66.08	-25.76	-49.05	-64.76	-40.62



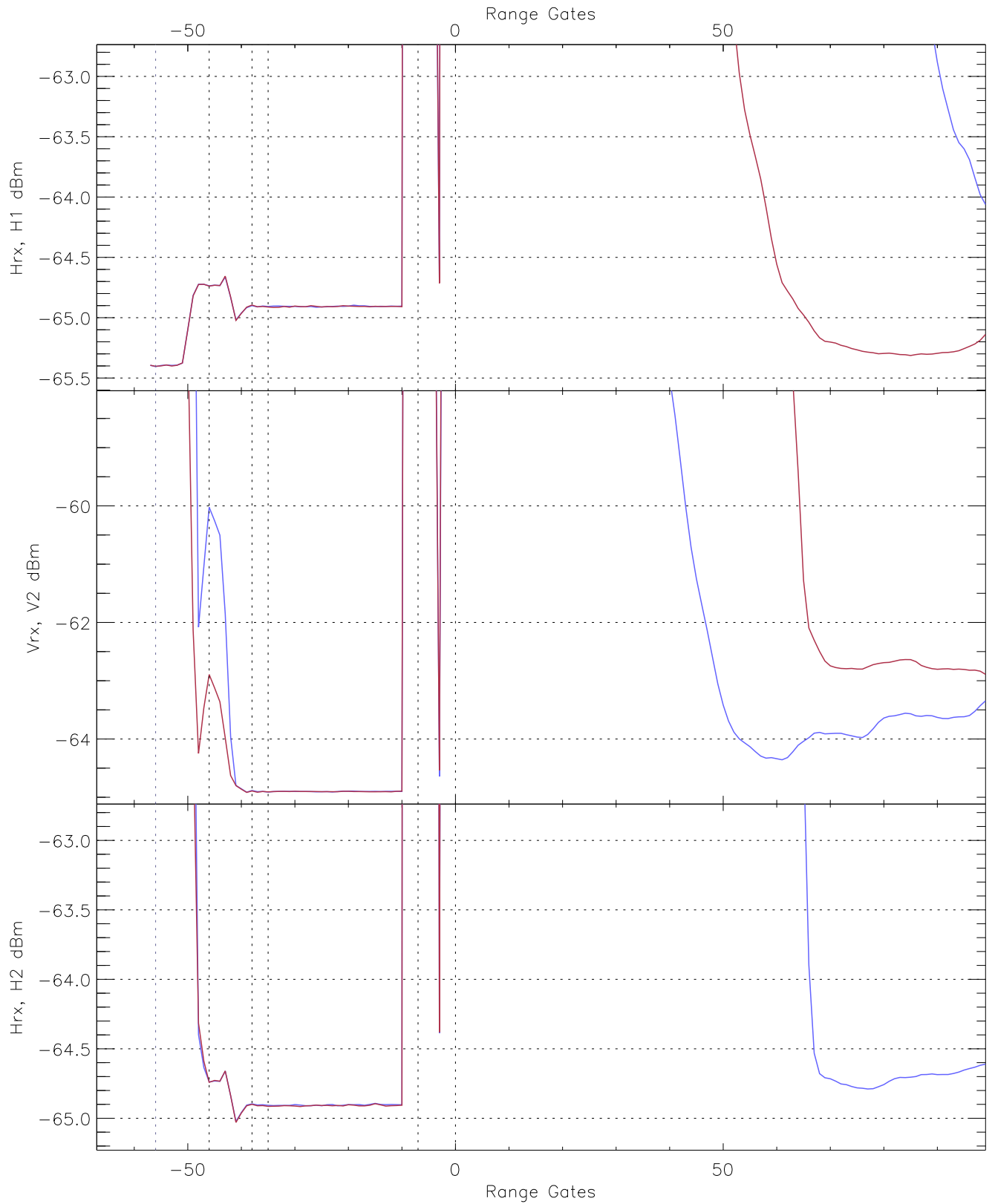
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG376_0 [dBm]	-66.78	-64.29	-65.40	-65.41	-76.90
V2WL3_0 [dBm]	-66.28	-63.80	-64.91	-64.92	-76.45
H2WL3_0 [dBm]	-66.19	-63.71	-64.91	-64.92	-76.45

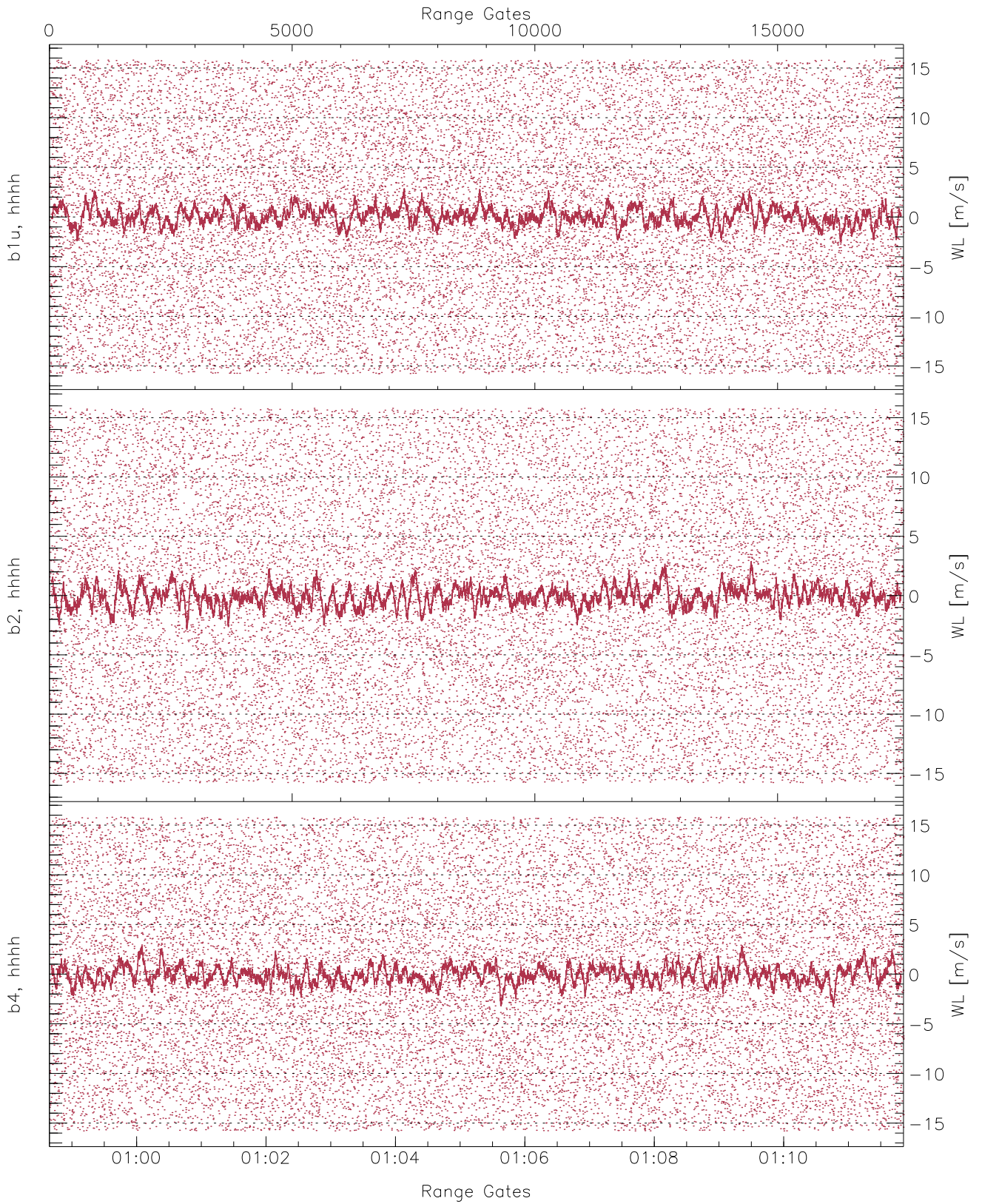




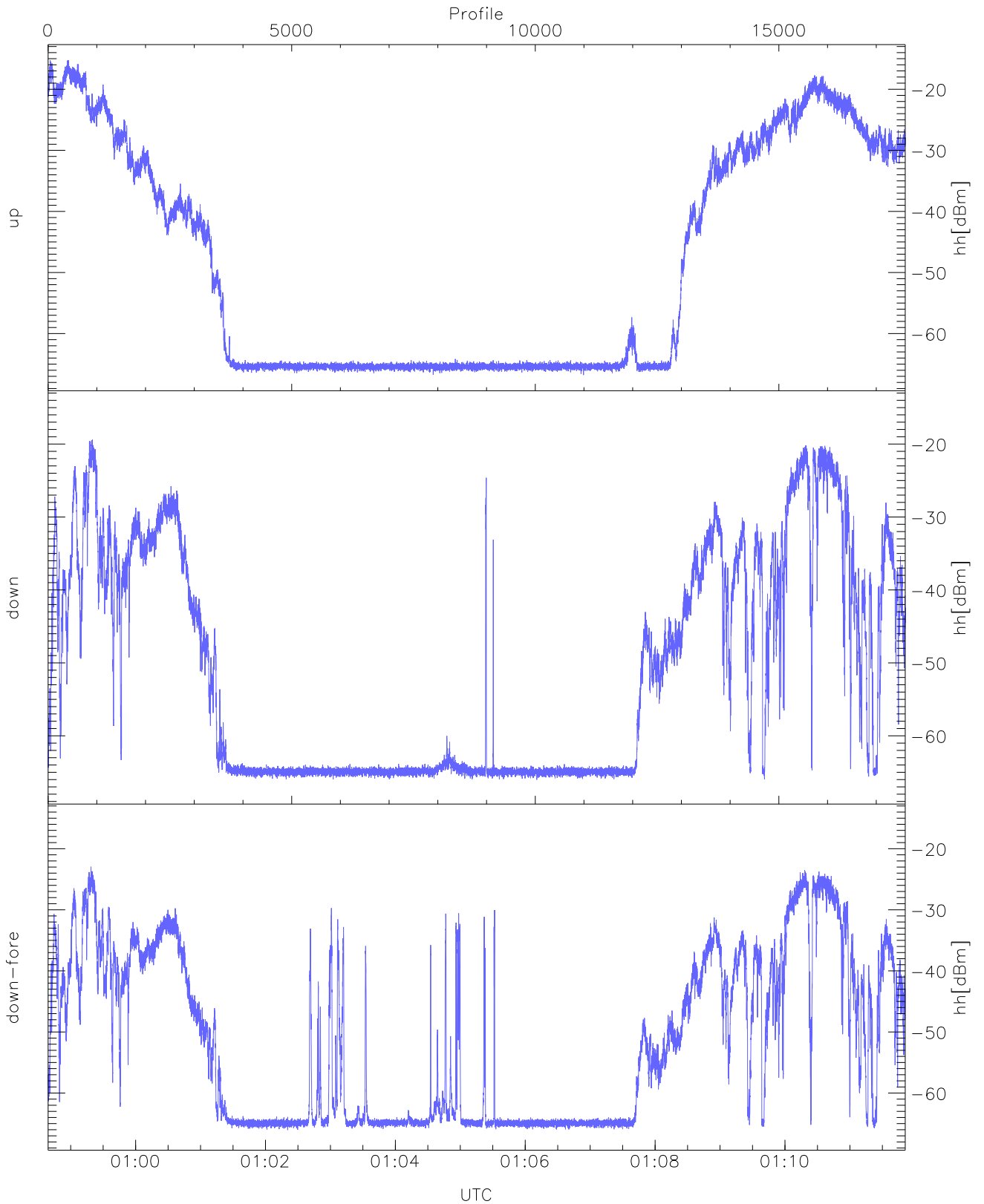
WCR3 CPP Averaged Received power for all recorded gates  
blue: 005839-010515, 8799 profiles averaged  
red: 010515-011151, 8798 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 005839-010515, 8799 profiles averaged  
red: 010515-011151, 8798 profiles averaged

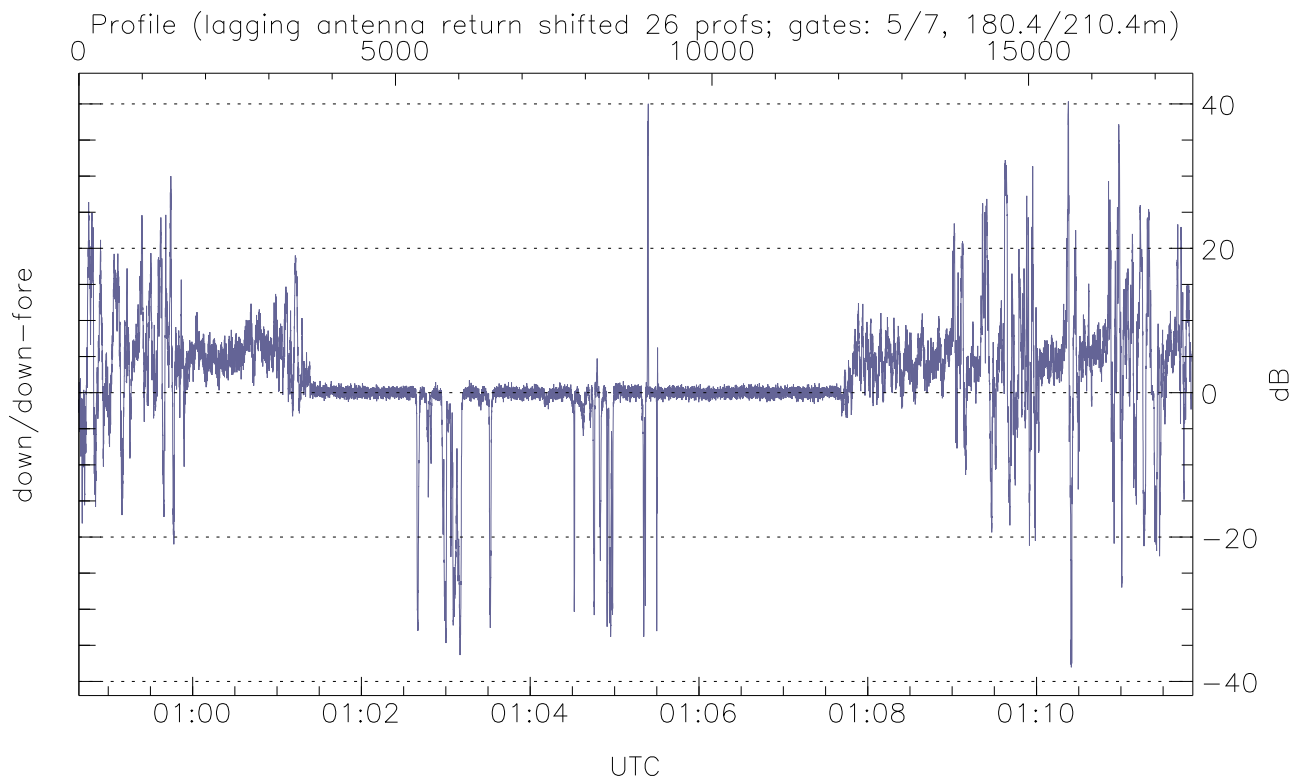
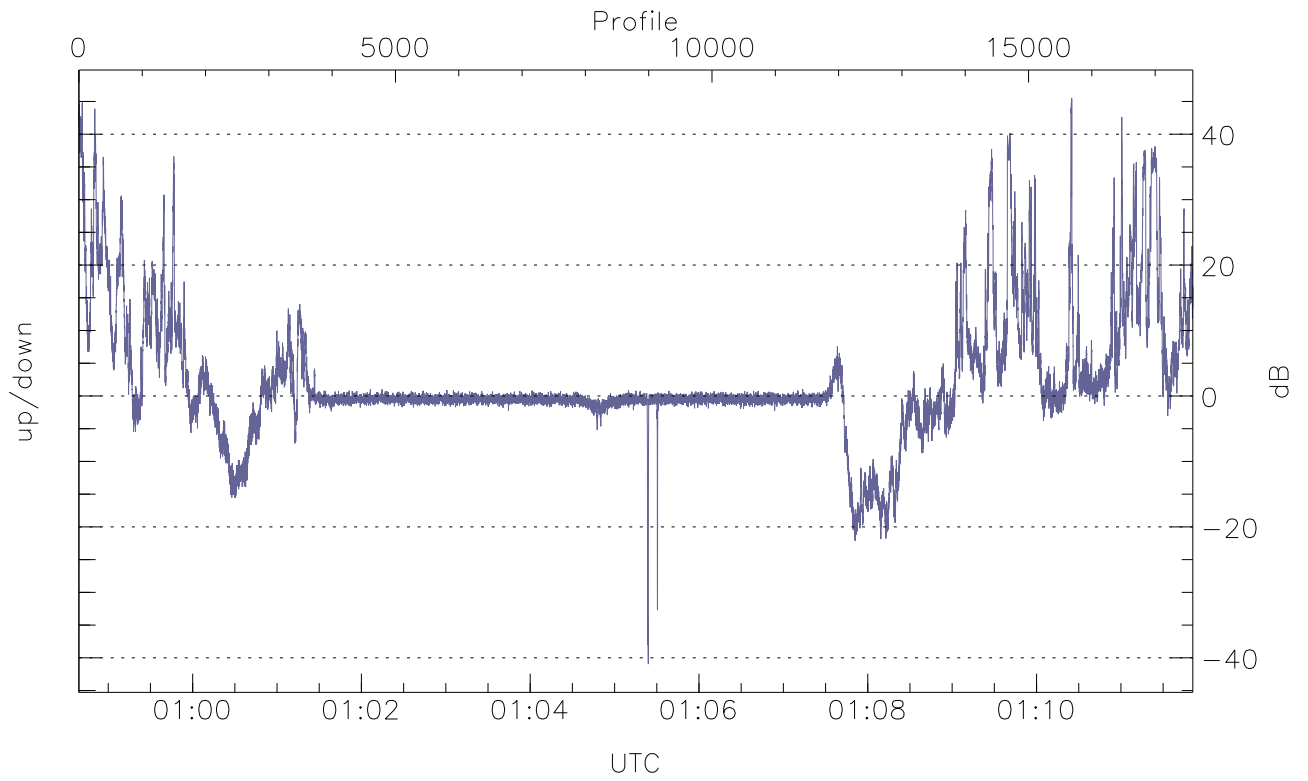


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

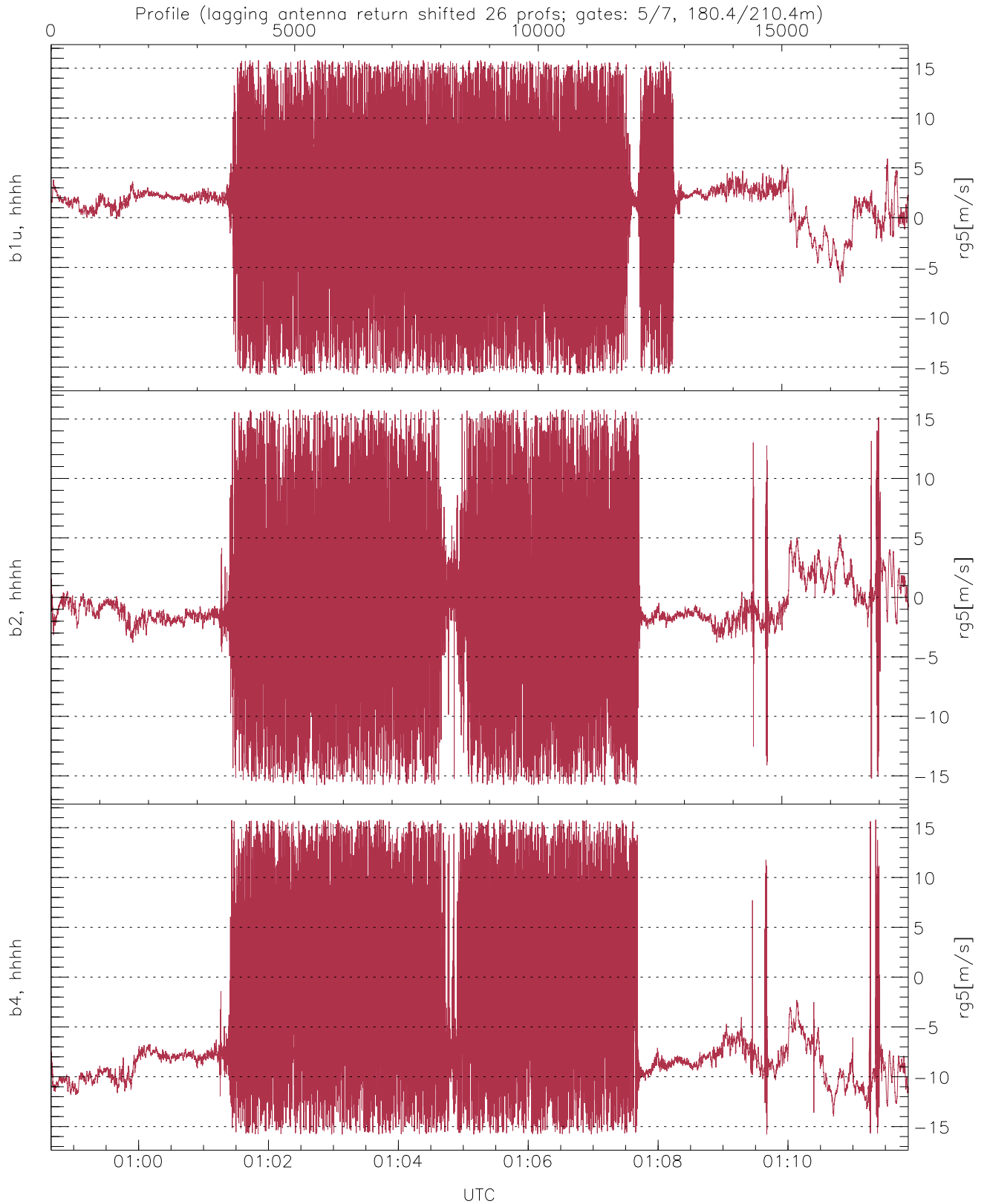
	Min	Max	Mean
up(hh[dBm])	-66.78	-15.26	-27.85
down(hh[dBm])	-66.02	-19.37	-33.19
down-fore(hh[dBm])	-66.05	-22.96	-36.50



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

	Min	Max	Mean
up/down (dB)	-40.95	45.48	2.49
down/down-fore (dB)	-38.04	40.34	1.90





WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.70	6.36
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.37	5.85
b4, hhhh(rg5[m/s])	-15.79	15.79	-4.71	7.46