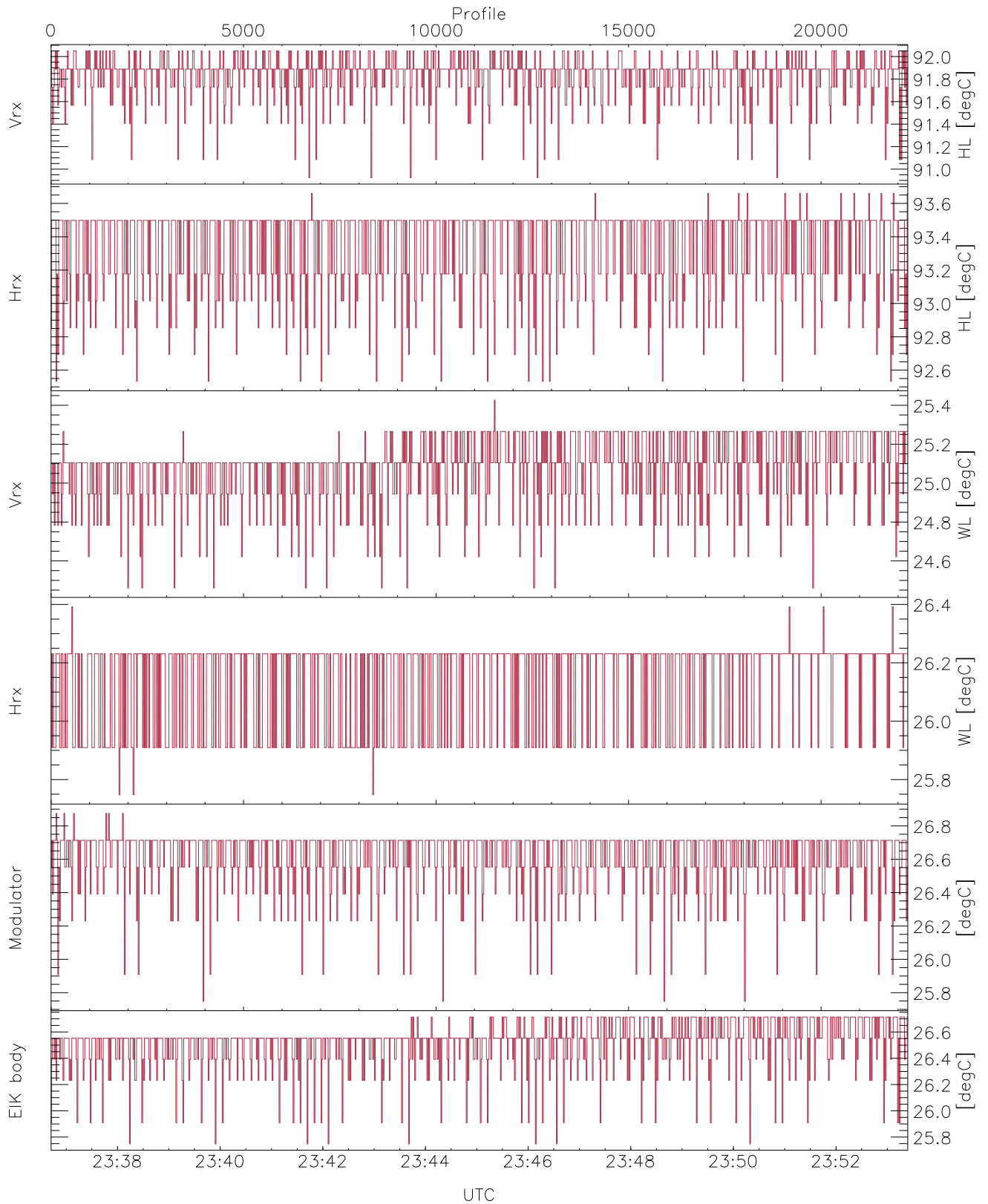


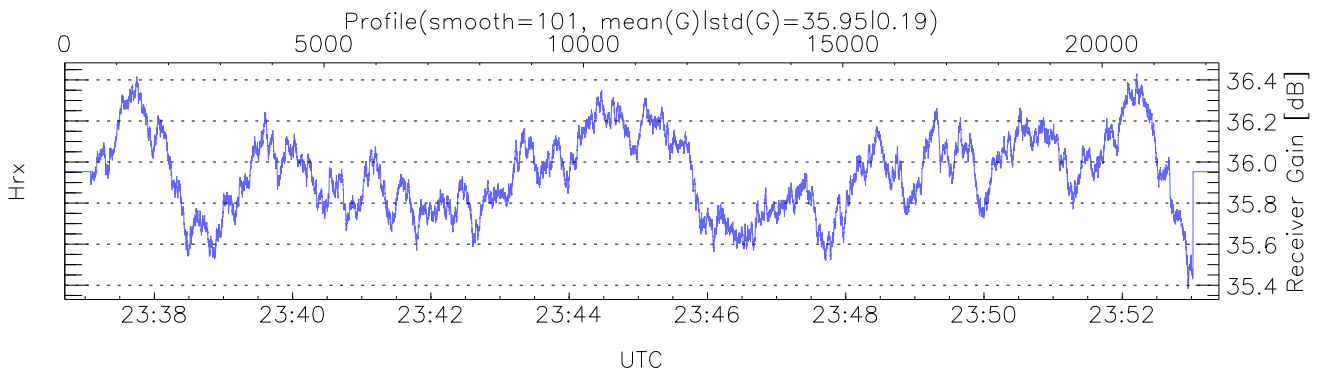
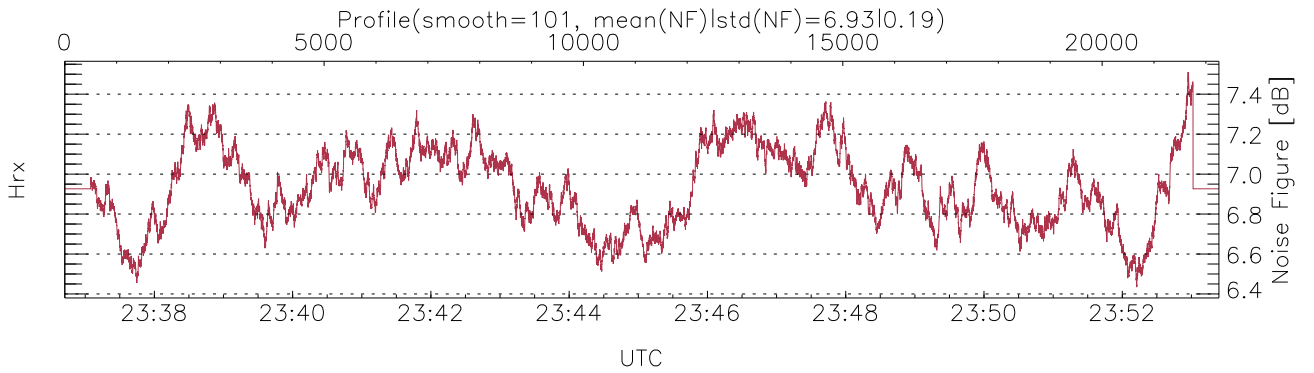
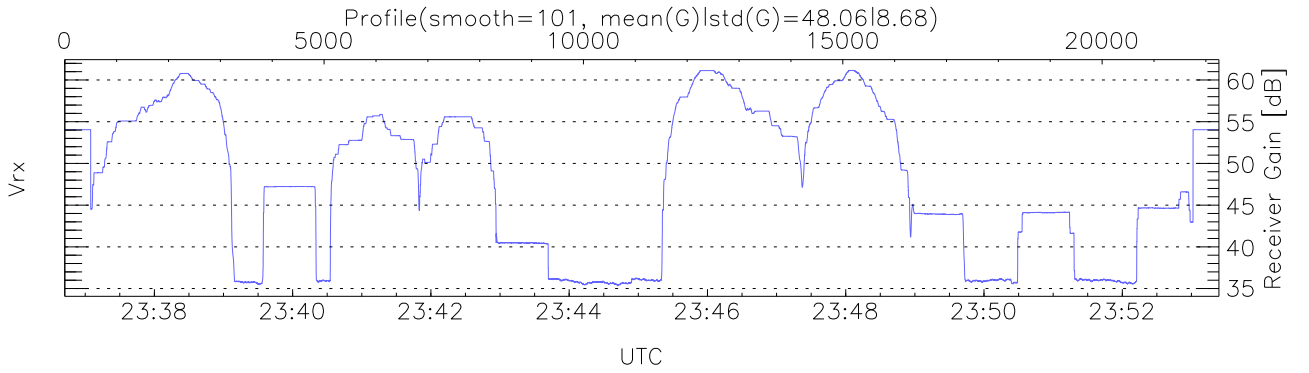
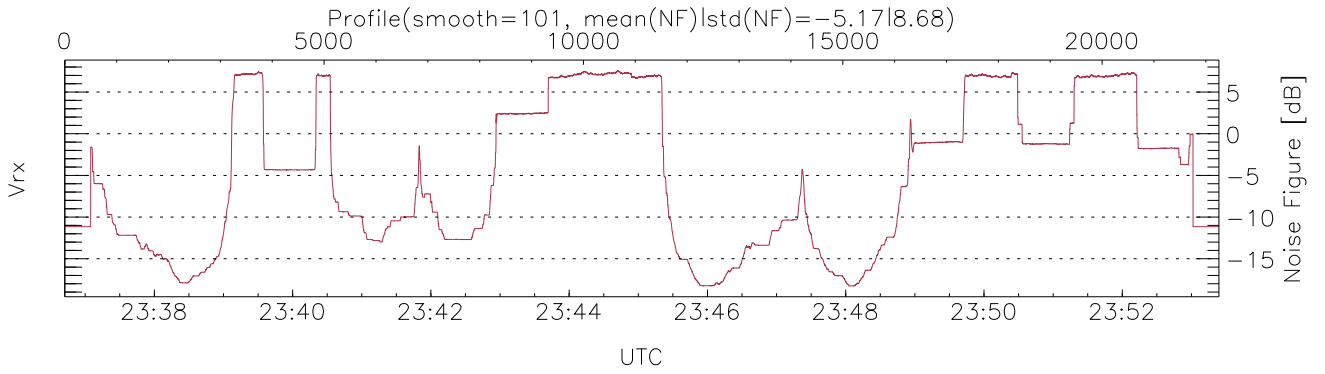
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:36:42-23:53:24, TimeCor: 0.00s, Dur: 1001.63s  
 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): 22254/22254, 0-22253/23:36:42-23:53:24  
 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



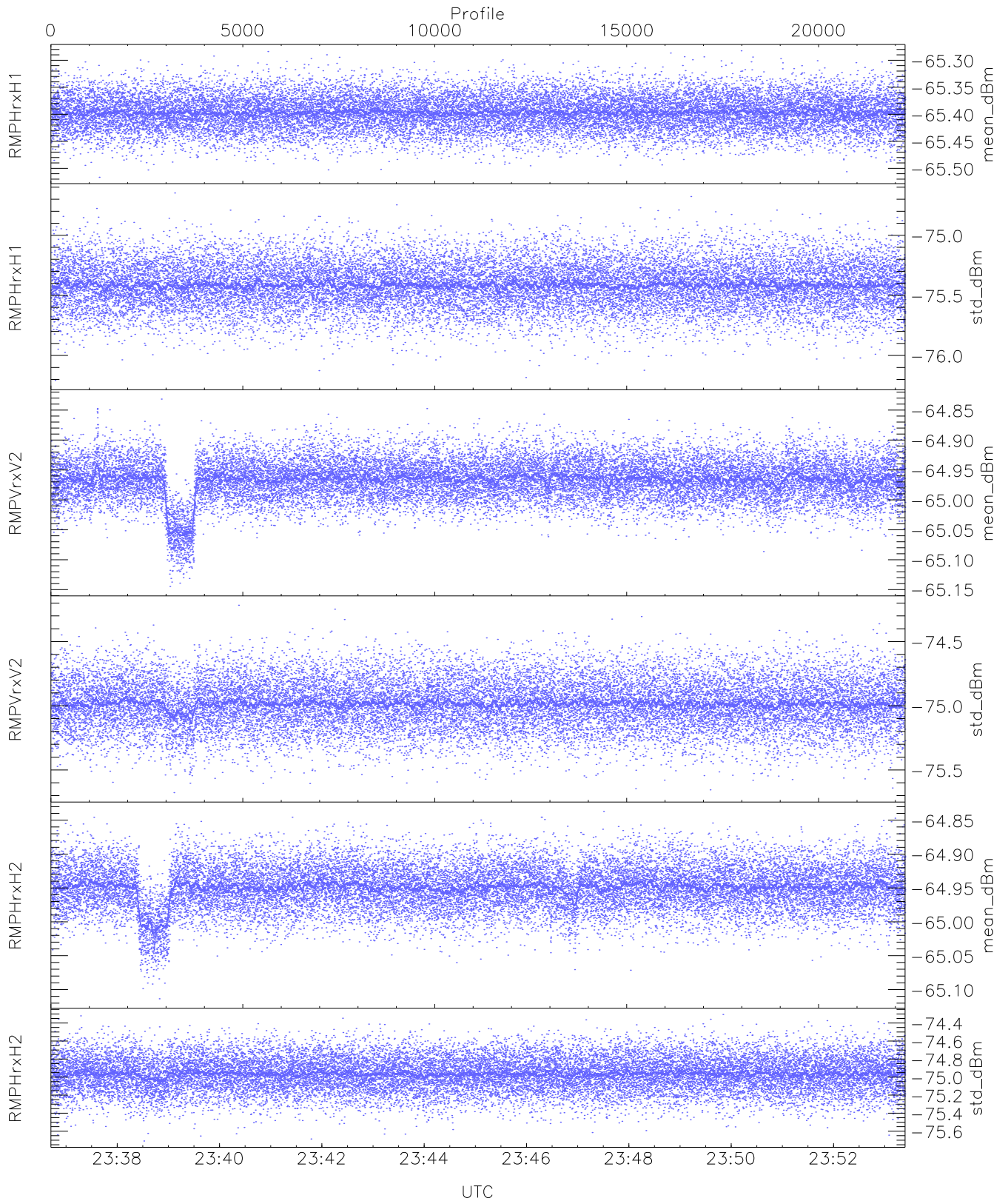
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



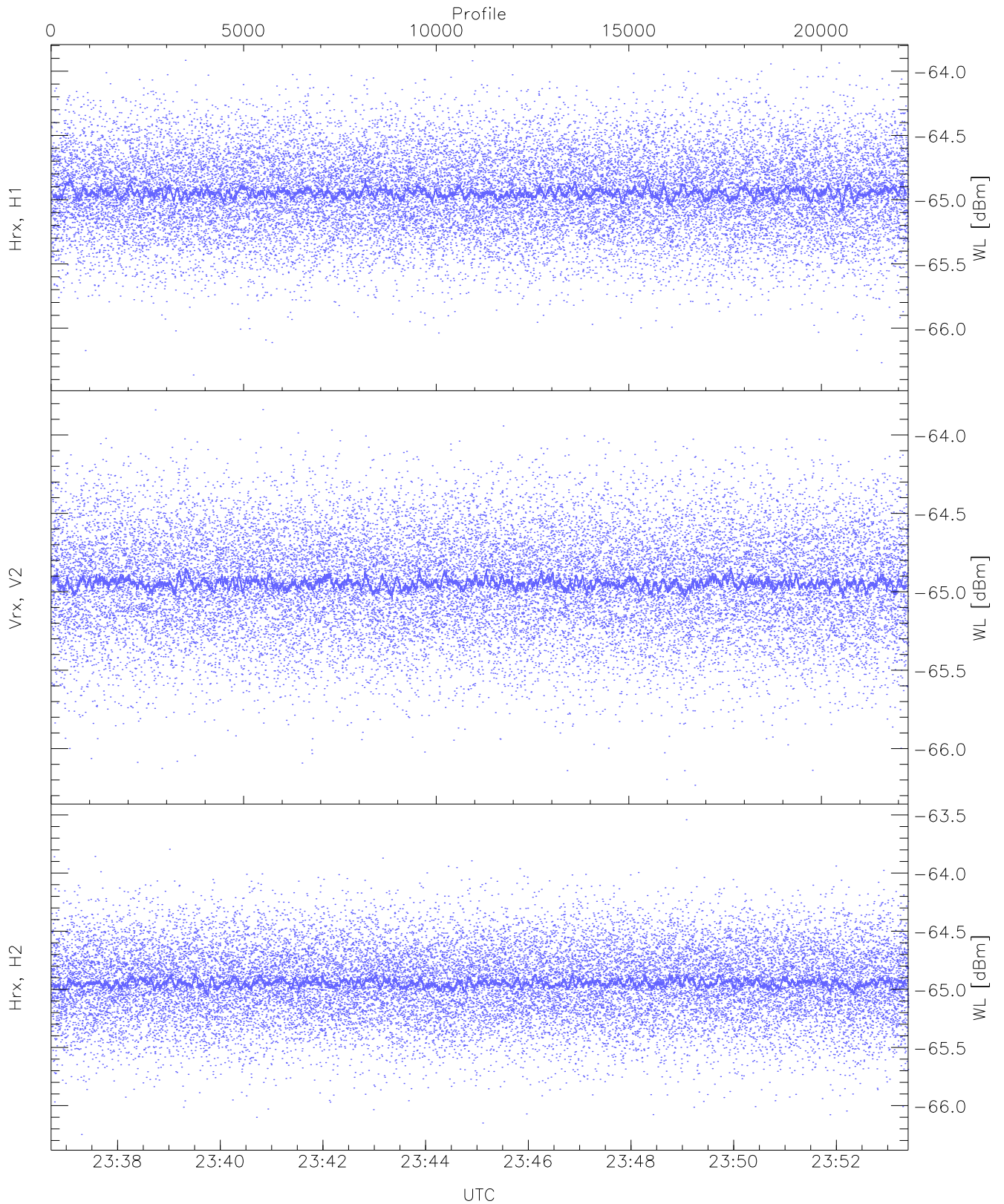
WCR3 CPP Receivers Gain and Noise Figure

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



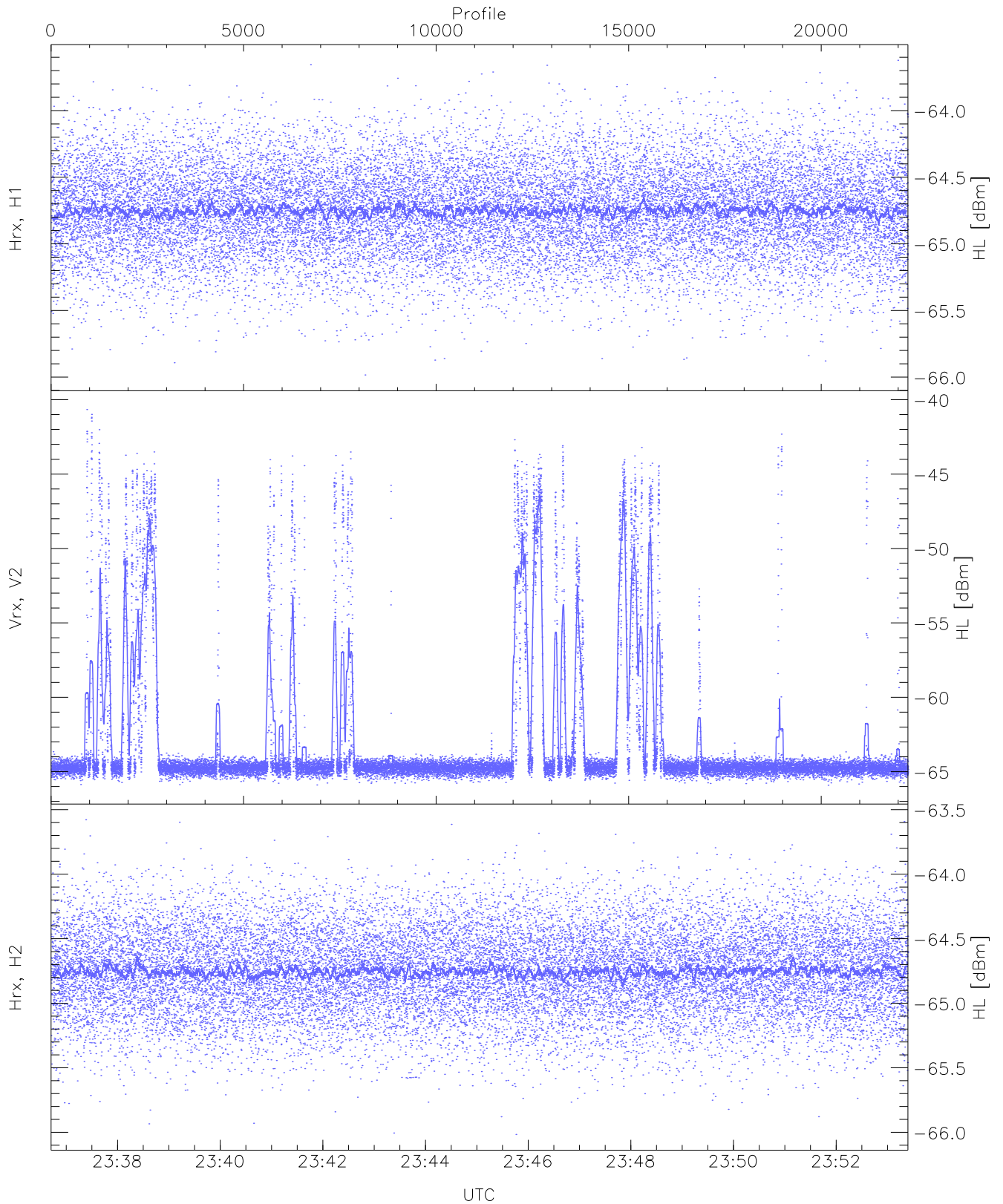
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.52	-65.28	-65.40	-65.40	-86.99
RMPHrxH1 (std_dBm)	-76.21	-74.65	-75.41	-75.42	-89.23
RMPVrxV2 (mean_dBm)	-65.14	-64.83	-64.97	-64.97	-86.03
RMPVrxV2 (std_dBm)	-75.68	-74.22	-74.98	-74.99	-88.77
RMPHrxH2 (mean_dBm)	-65.11	-64.84	-64.95	-64.95	-86.29
RMPHrxH2 (std_dBm)	-75.71	-74.31	-74.96	-74.97	-88.76



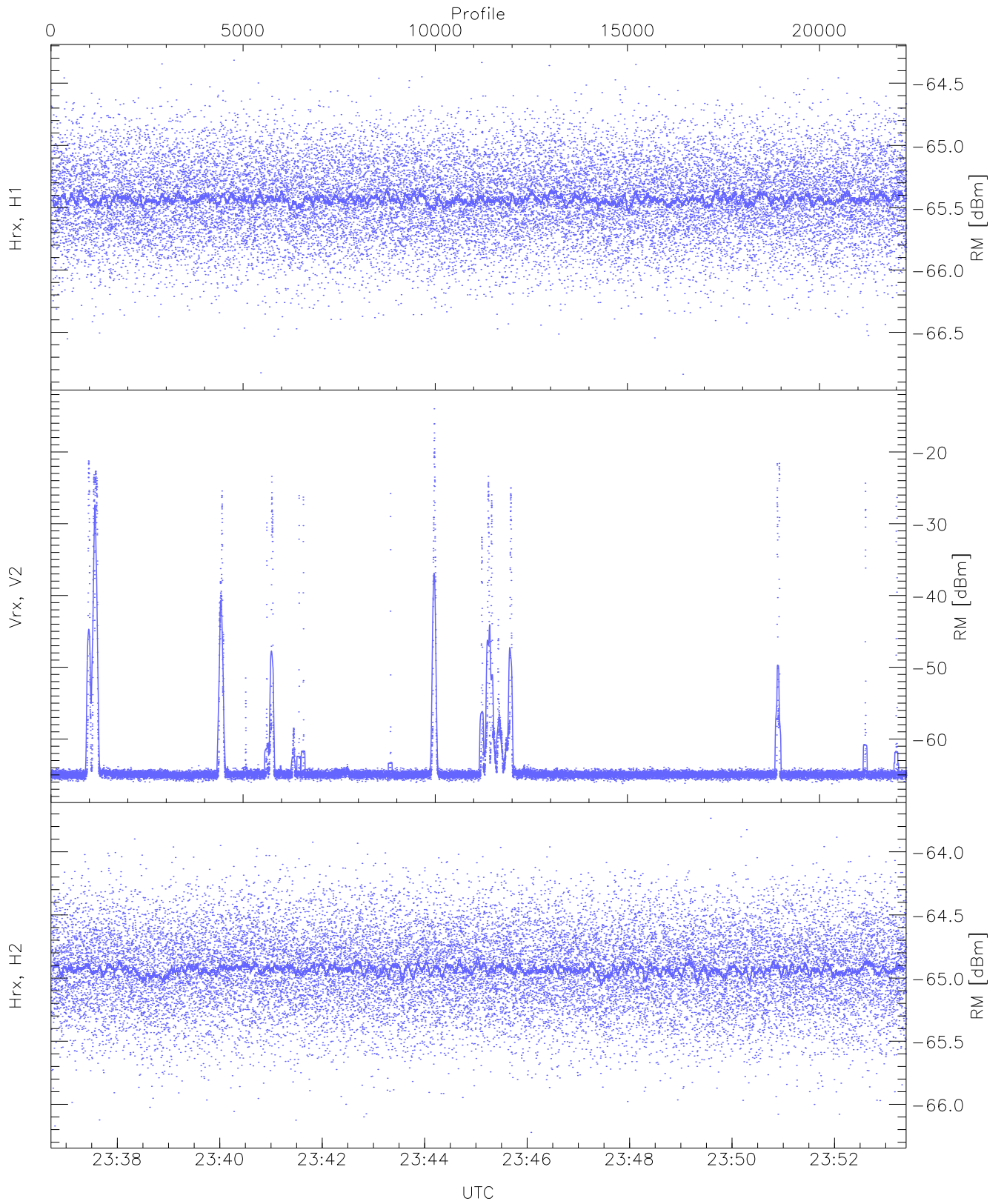
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.36	-63.92	-64.94	-64.95	-76.43
Vrx, V2 (WL [dBm])	-66.23	-63.84	-64.94	-64.95	-76.45
Hrx, H2 (WL [dBm])	-66.25	-63.54	-64.94	-64.95	-76.44



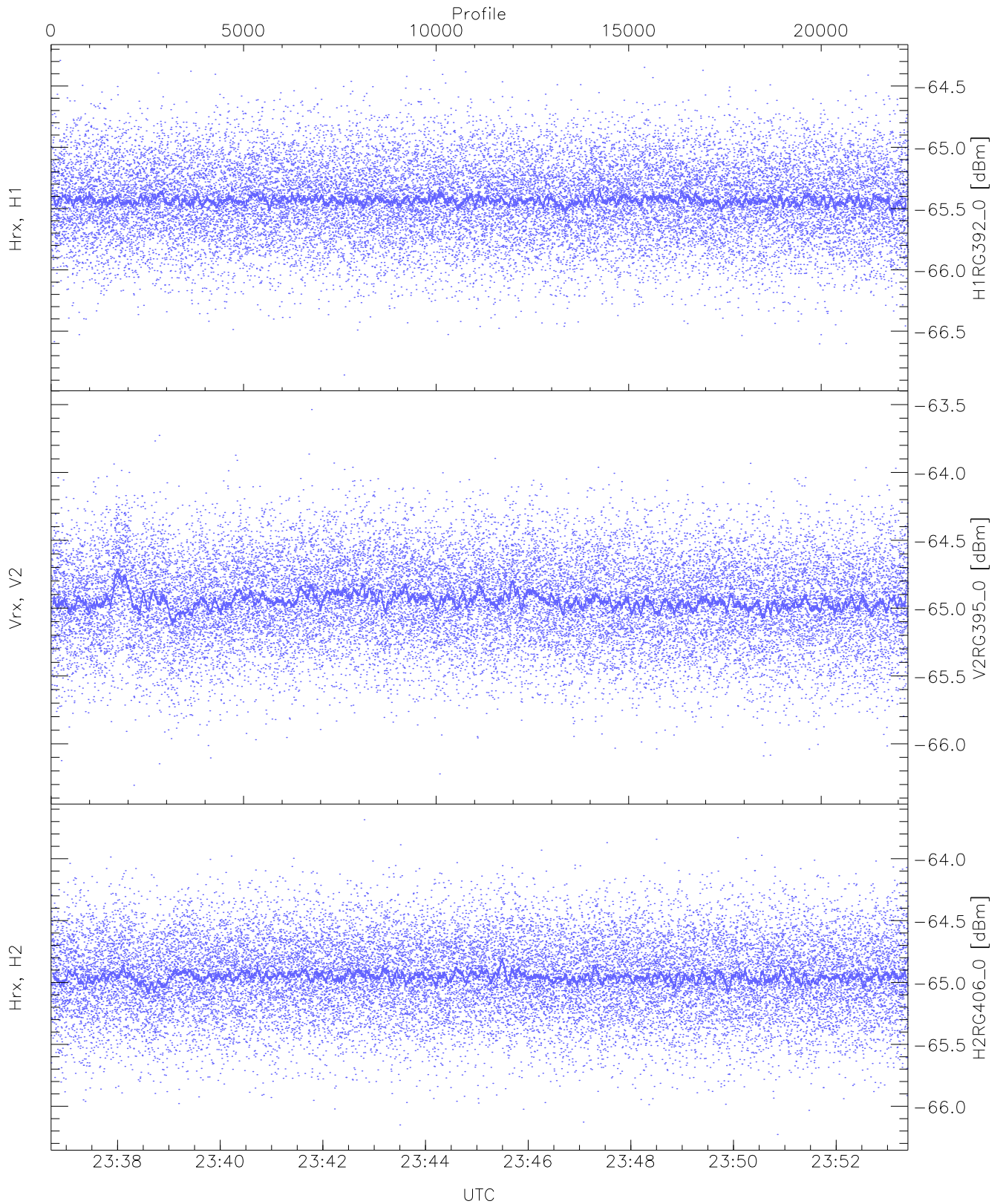
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.98	-63.62	-64.74	-64.75	-76.25
Vrx, V2 (HL [dBm])	-65.91	-40.66	-56.87	-64.66	-52.38
Hrx, H2 (HL [dBm])	-66.02	-63.58	-64.75	-64.75	-76.26



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

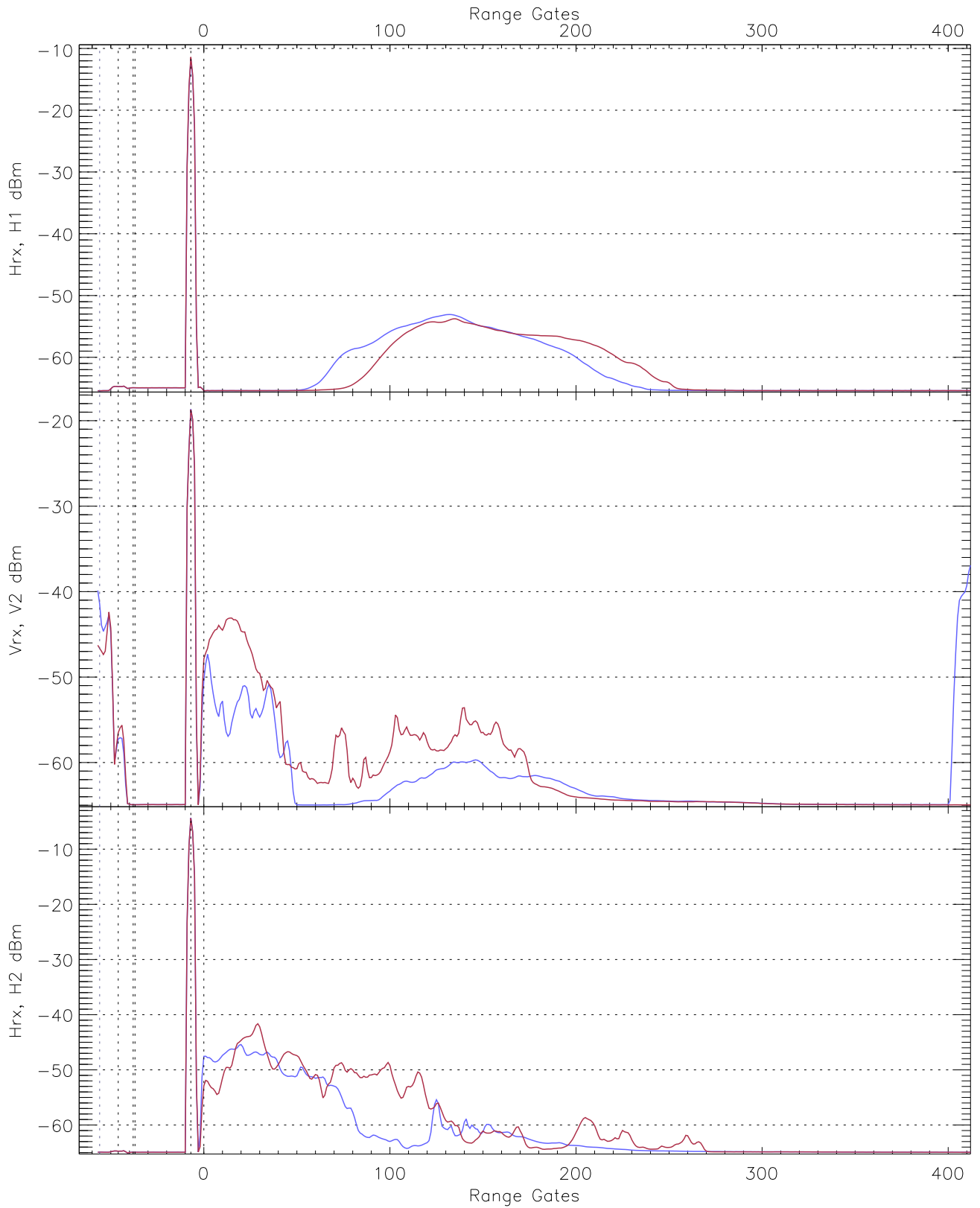
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.84	-64.32	-65.42	-65.43	-76.96
Vrx, V2 (RM [dBm])	-66.24	-13.98	-43.31	-64.91	-32.50
Hrx, H2 (RM [dBm])	-66.22	-63.73	-64.92	-64.93	-76.41



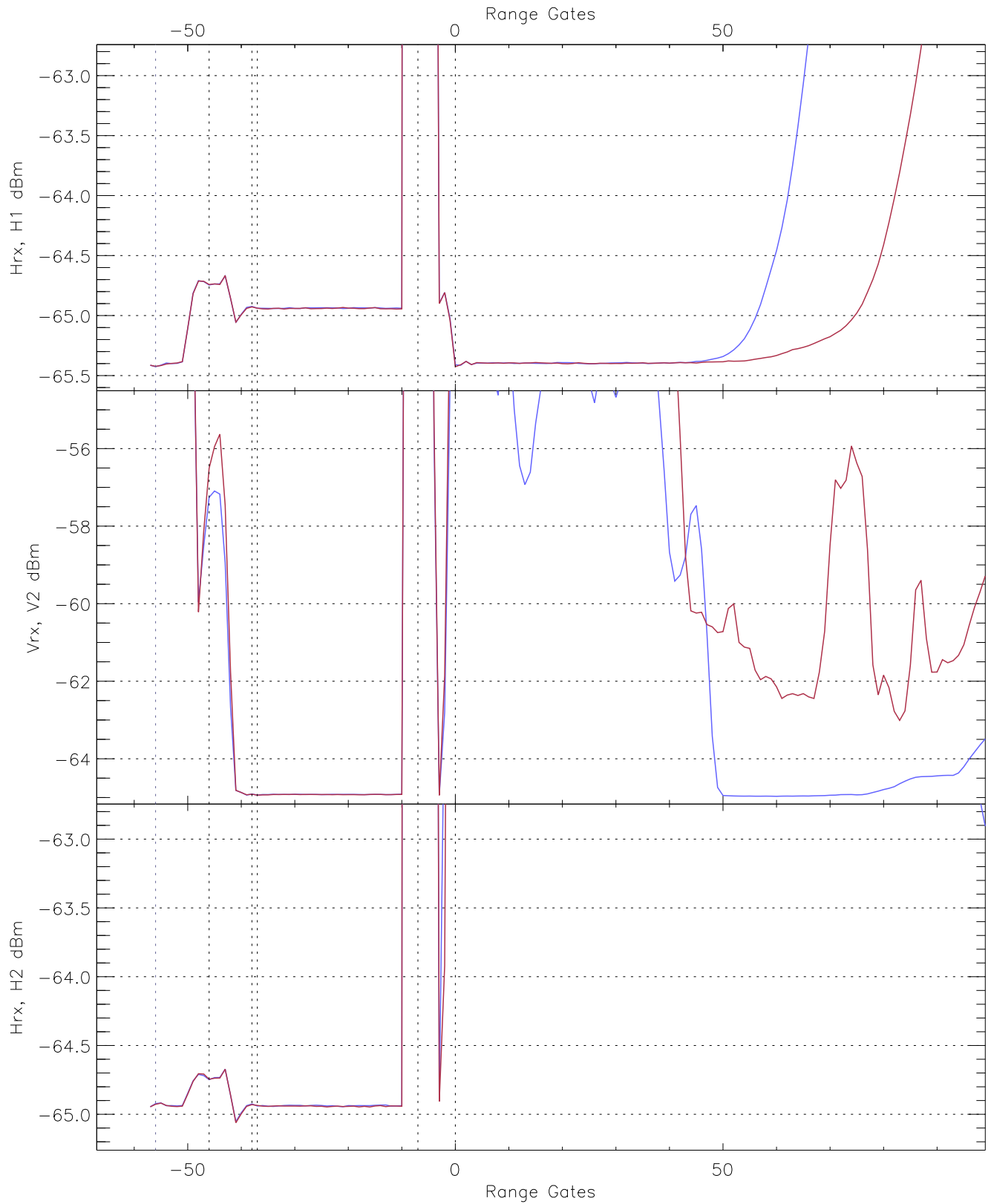
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG392_0 [dBm]	-66.86	-64.29	-65.42	-65.43	-76.90
V2RG395_0 [dBm]	-66.31	-63.54	-64.94	-64.95	-76.37
H2RG406_0 [dBm]	-66.23	-63.69	-64.95	-64.95	-76.45

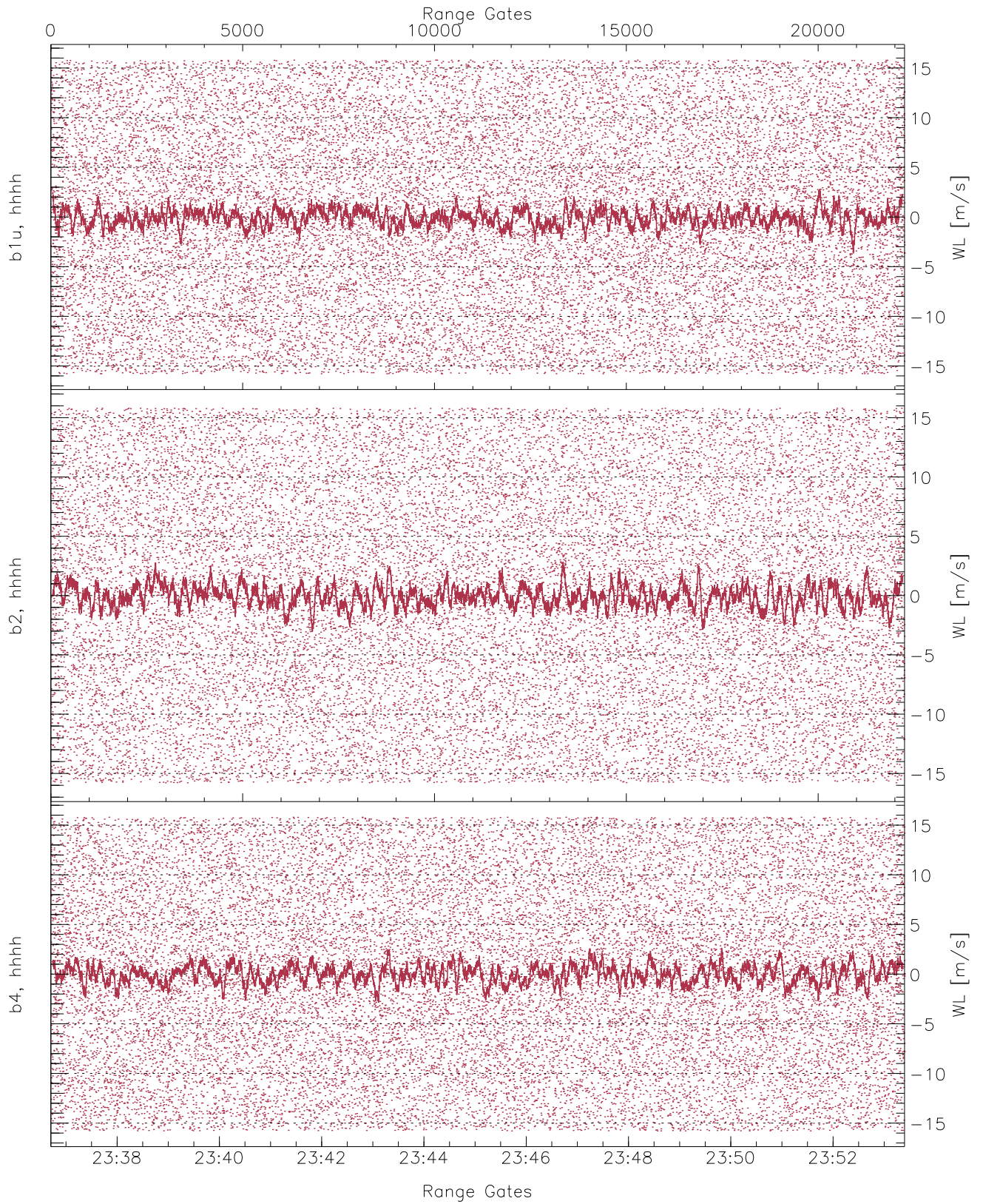




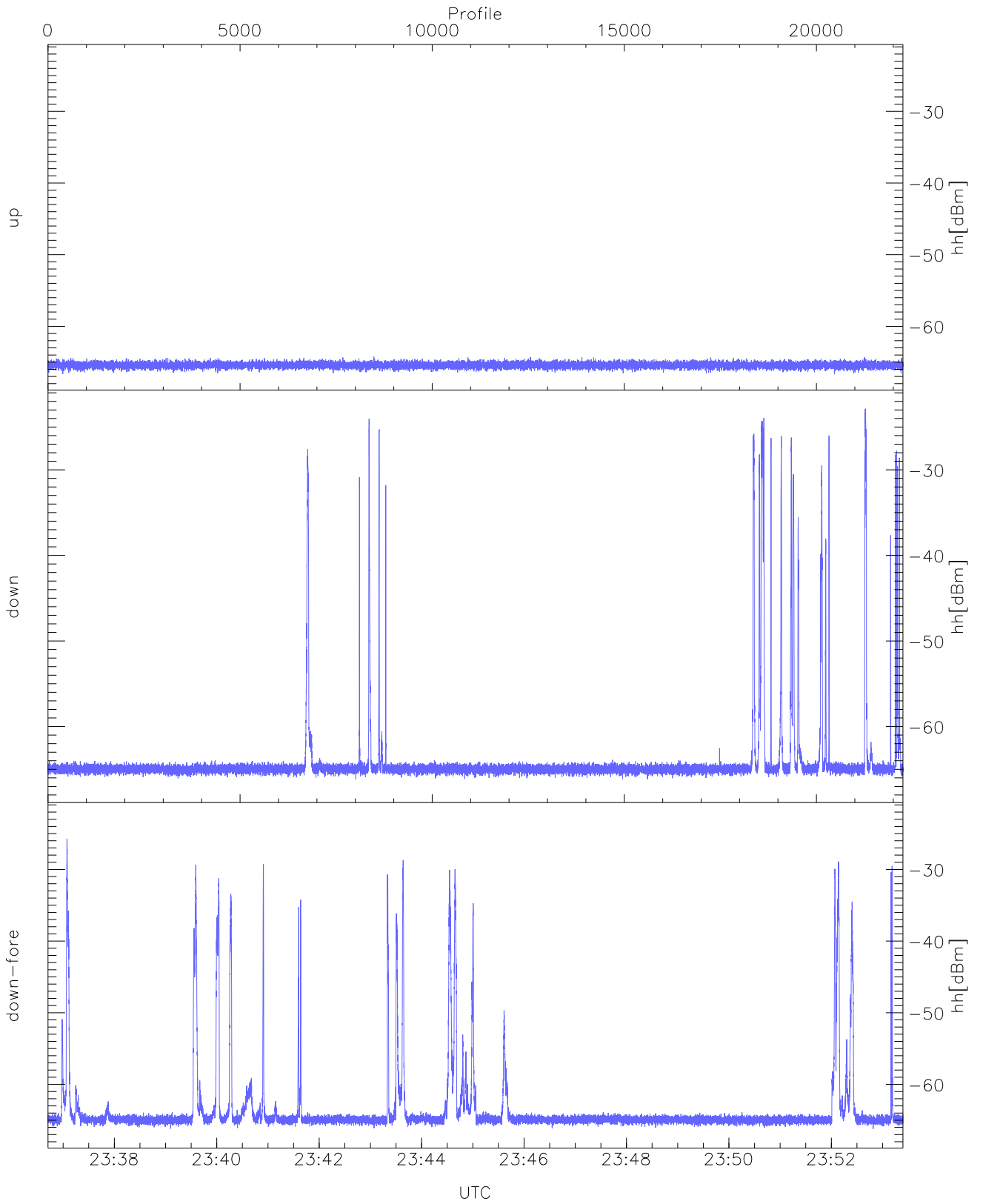
WCR3 CPP Averaged Received power for all recorded gates  
blue: 233642-234503, 11128 profiles averaged  
red: 234503-235324, 11127 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 233642-234503, 11128 profiles averaged  
red: 234503-235324, 11127 profiles averaged

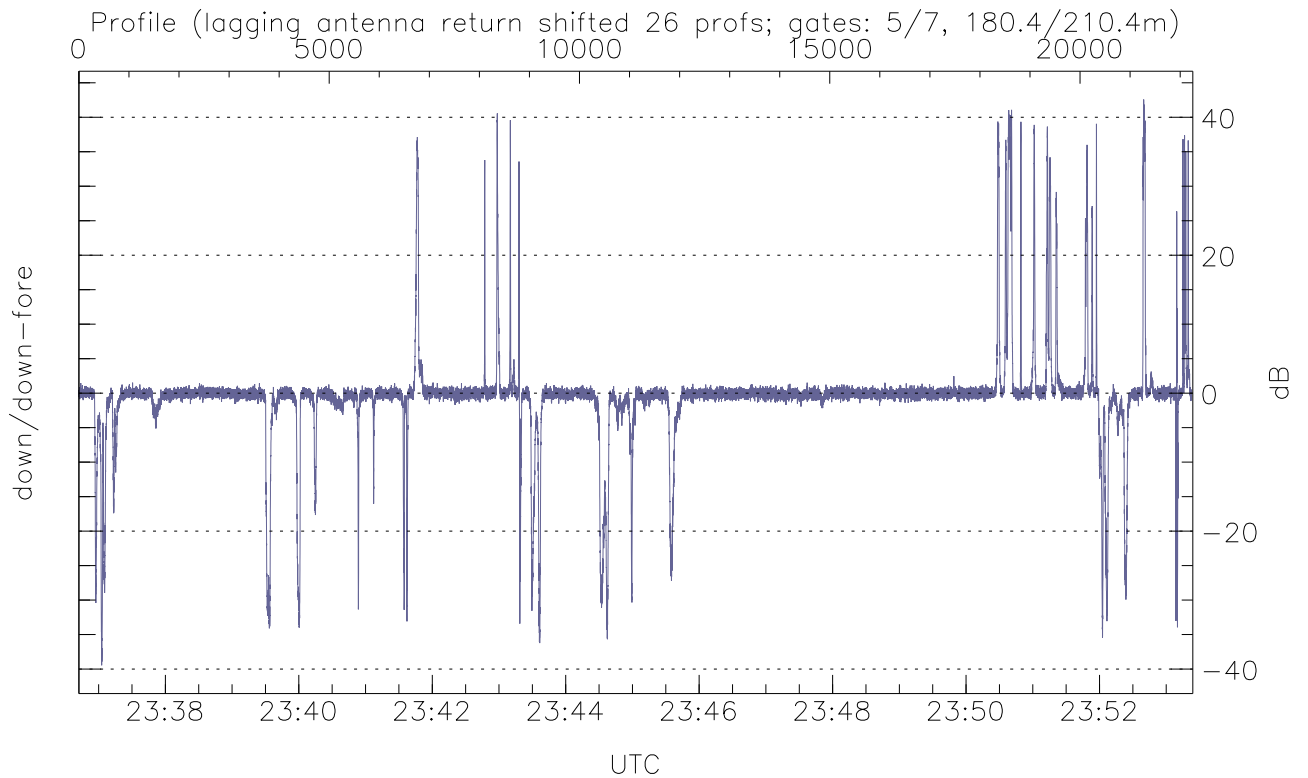
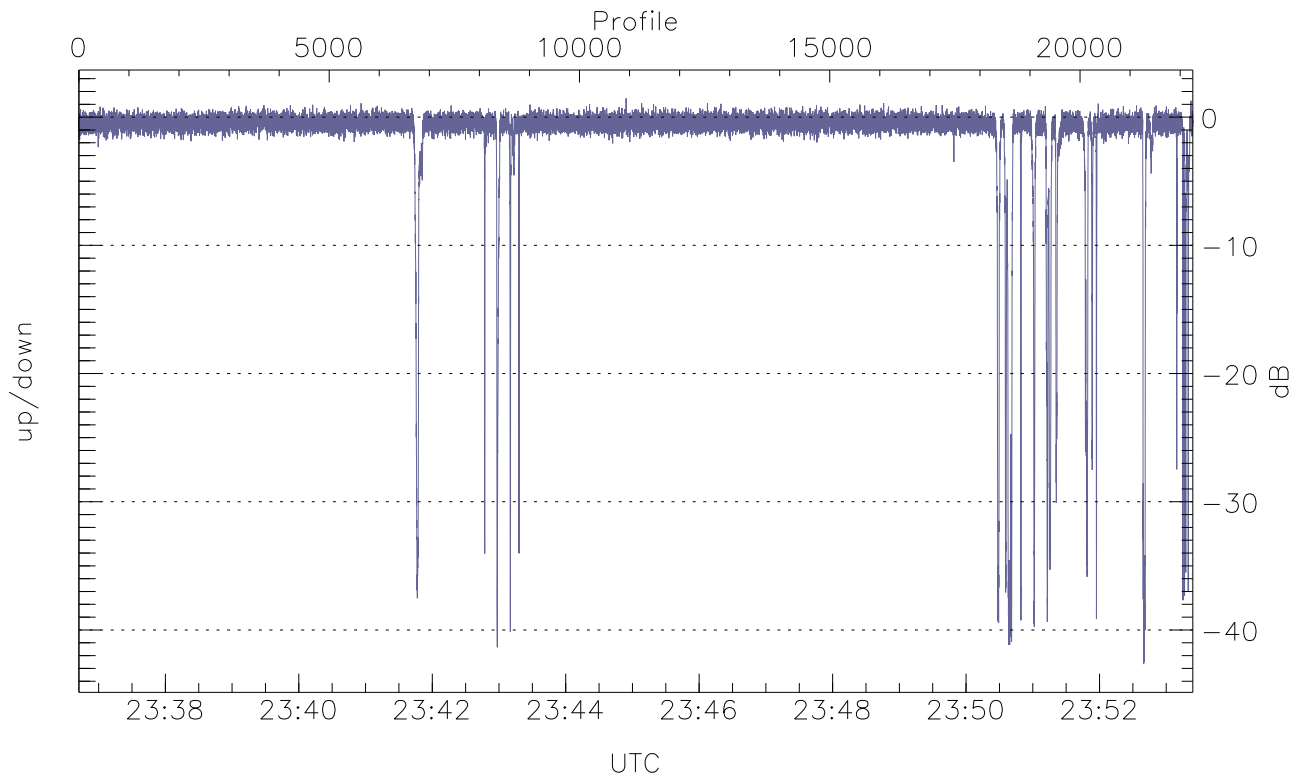


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



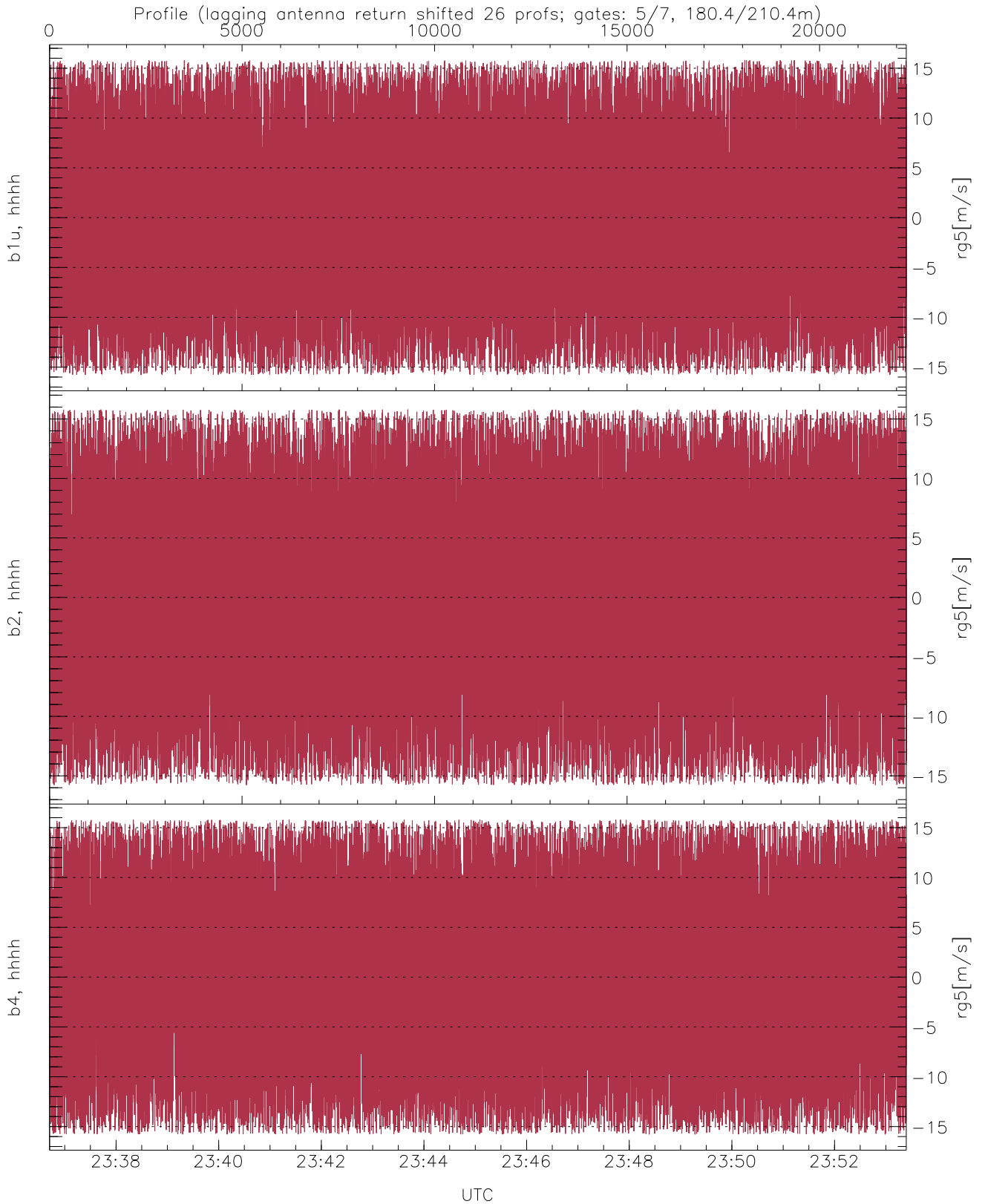
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.70	-64.25	-65.40
down(hh[dBm])	-66.15	-22.86	-47.06
down-fore(hh[dBm])	-66.21	-25.71	-50.26



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

	Min	Max	Mean
up/down (dB)	-42.66	1.47	-1.33
down/down-fore (dB)	-39.45	42.57	-0.57



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.01	8.55
b2, hhhh(rg5[m/s])	-15.79	15.79	-0.09	8.66
b4, hhhh(rg5[m/s])	-15.79	15.79	0.02	8.76