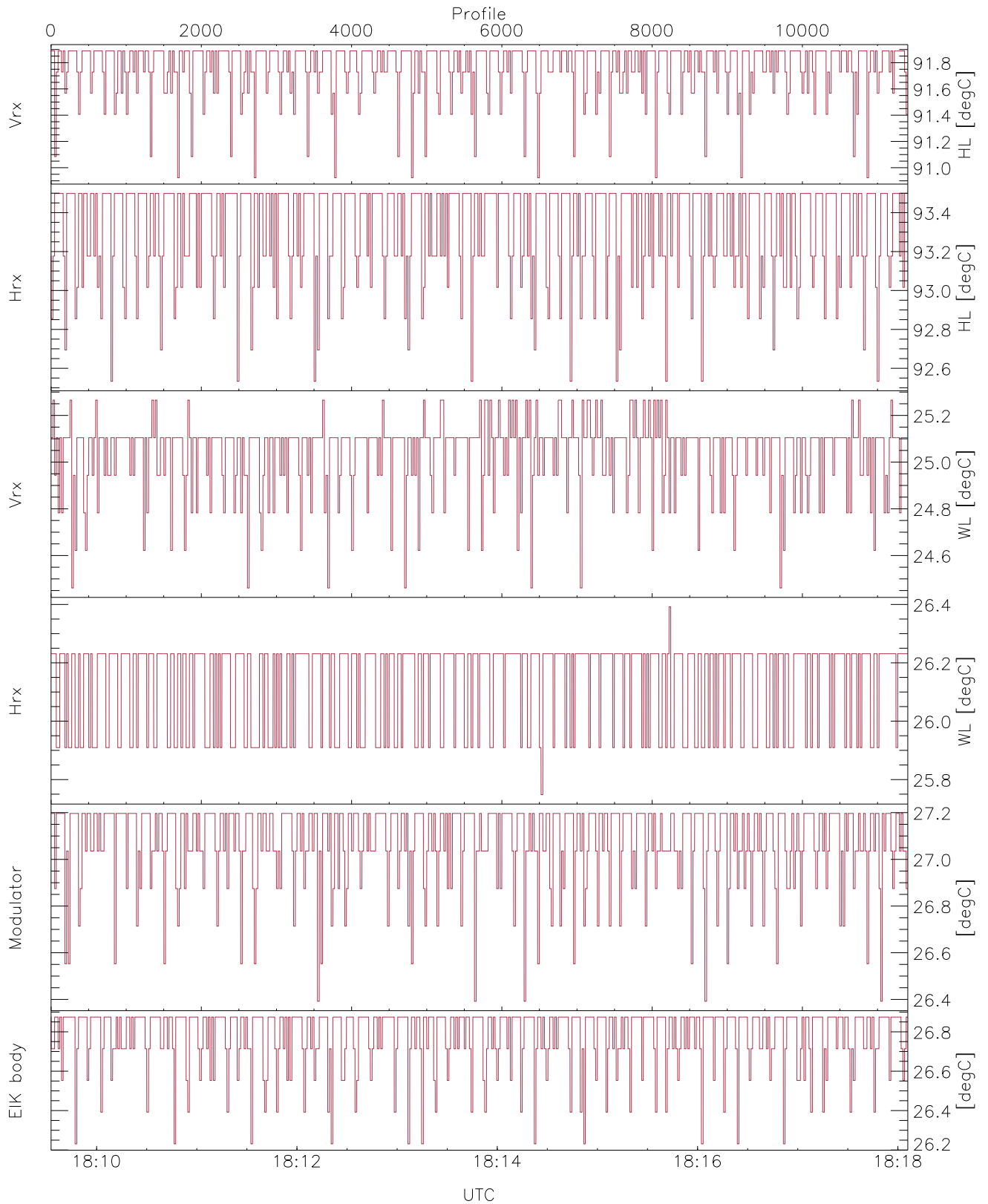


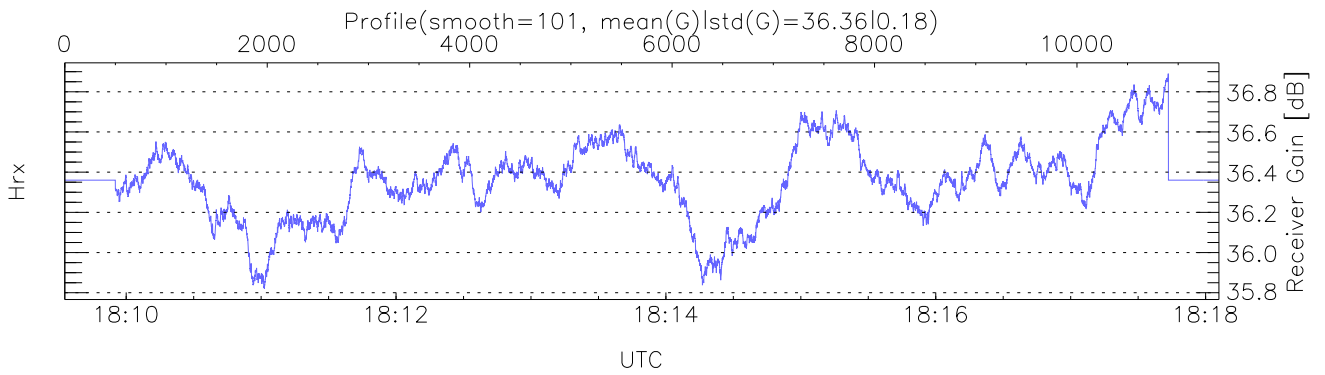
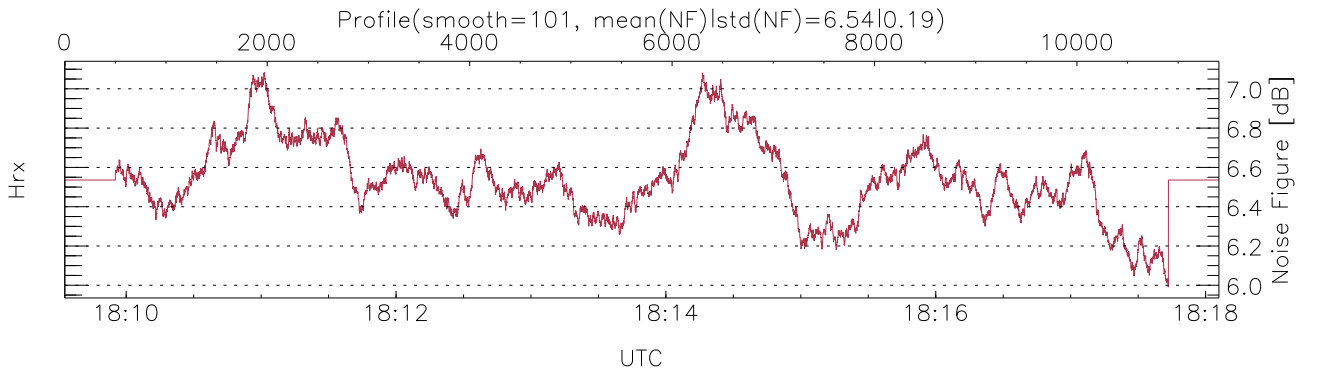
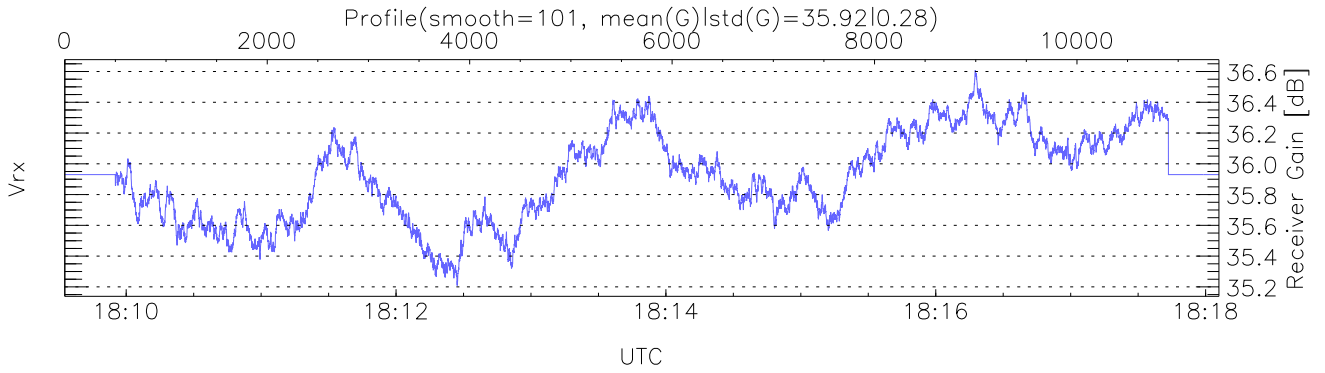
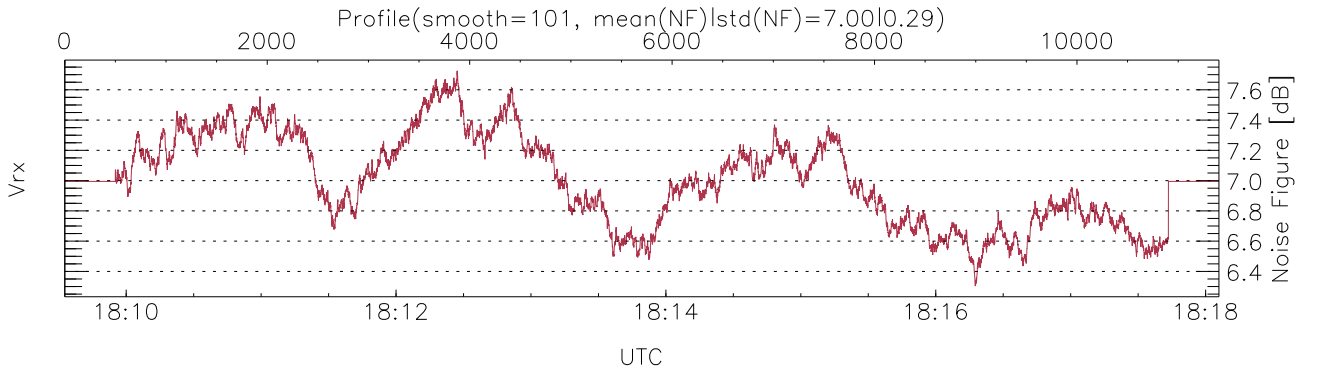
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:09:33-18:18:06, TimeCor: 0.00s, Dur: 513.26s  
 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): 11404/11404, 0-11403/18:09:33-18:18:06  
 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



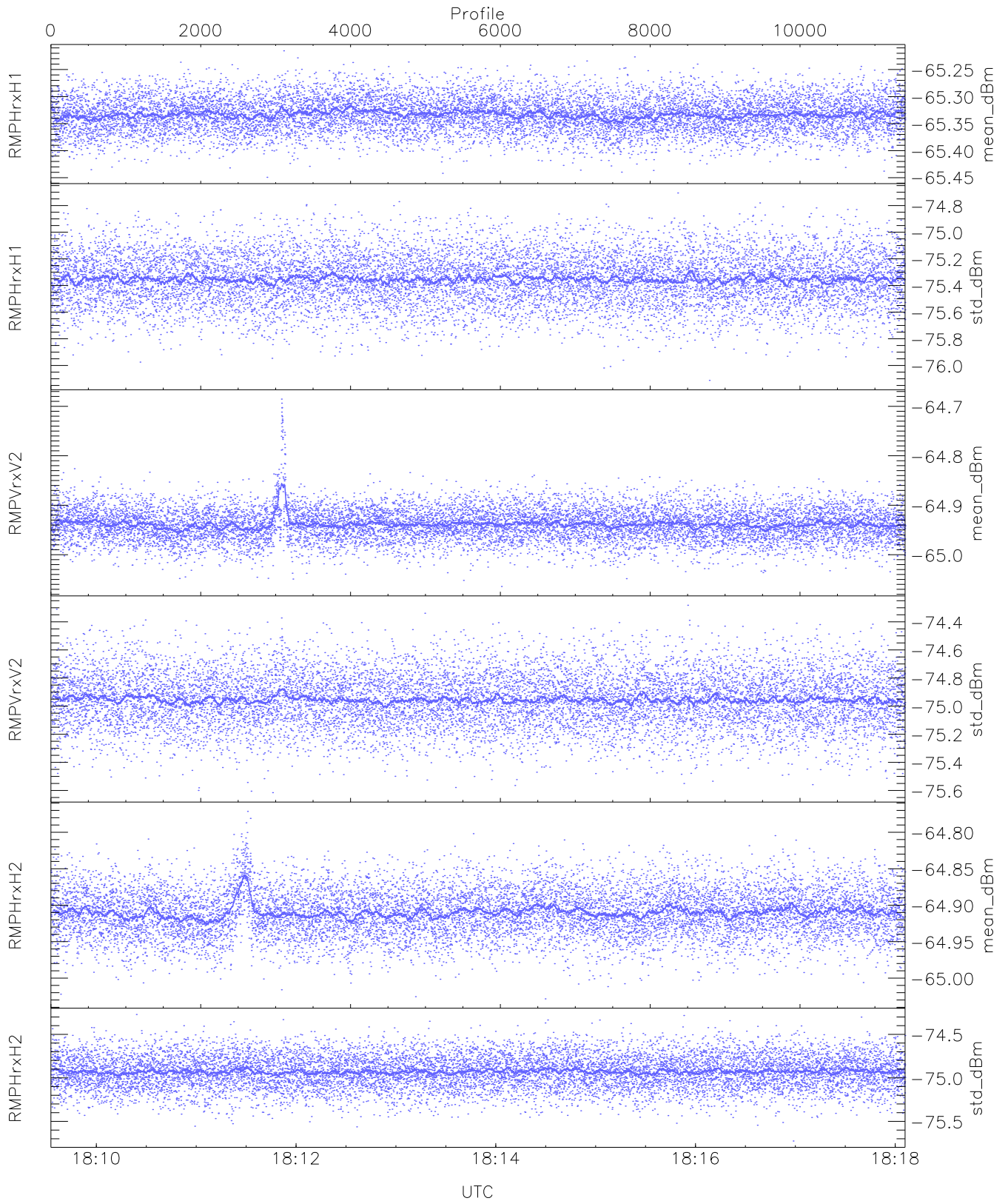
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,25,26,26  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,25,26,27,26  
LOalarm(20,240,2817,14861 MHz): None  
EIK/Modulator Faults: None



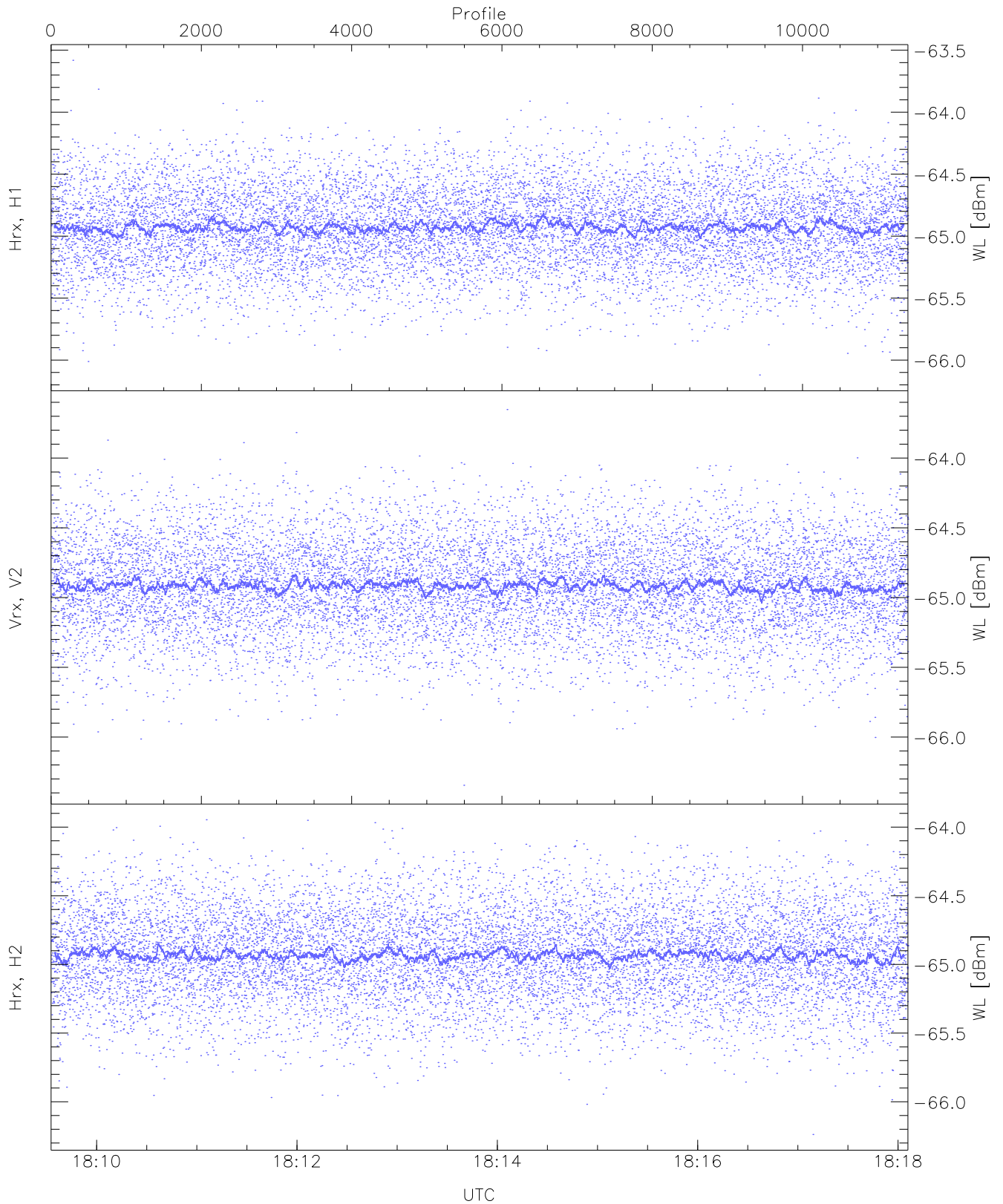
WCR3 CPP Receivers Gain and Noise Figure

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



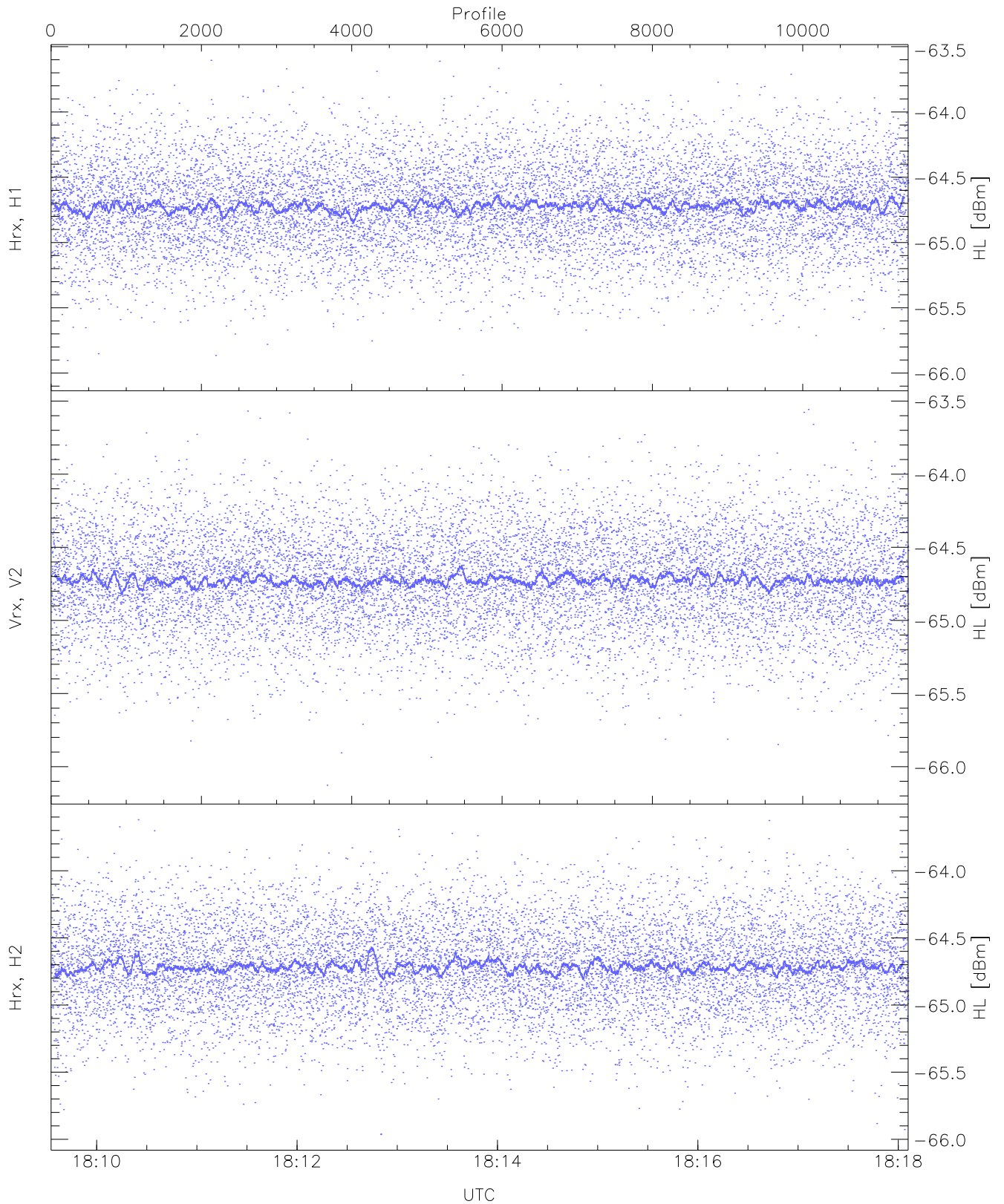
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.45	-65.22	-65.33	-65.33	-86.88
RMPHrxH1 (std_dBm)	-76.11	-74.71	-75.35	-75.35	-89.11
RMPVrxV2 (mean_dBm)	-65.06	-64.69	-64.94	-64.94	-86.22
RMPVrxV2 (std_dBm)	-75.62	-74.28	-74.95	-74.95	-88.71
RMPHrxH2 (mean_dBm)	-65.03	-64.77	-64.91	-64.91	-86.39
RMPHrxH2 (std_dBm)	-75.73	-74.27	-74.93	-74.93	-88.70



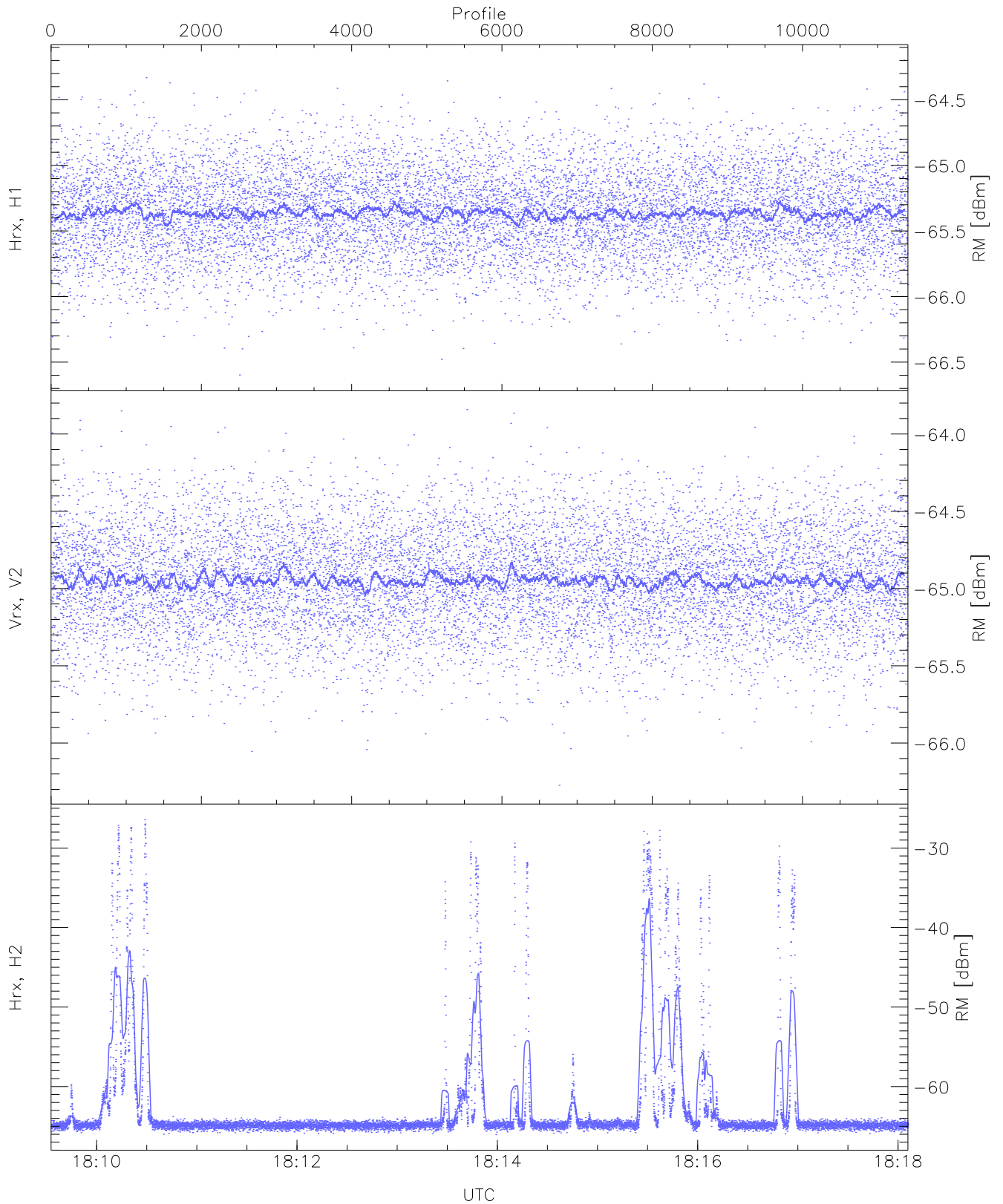
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.12	-63.58	-64.92	-64.93	-76.45
Vrx, V2 (WL [dBm])	-66.35	-63.65	-64.91	-64.91	-76.44
Hrx, H2 (WL [dBm])	-66.24	-63.95	-64.93	-64.93	-76.48



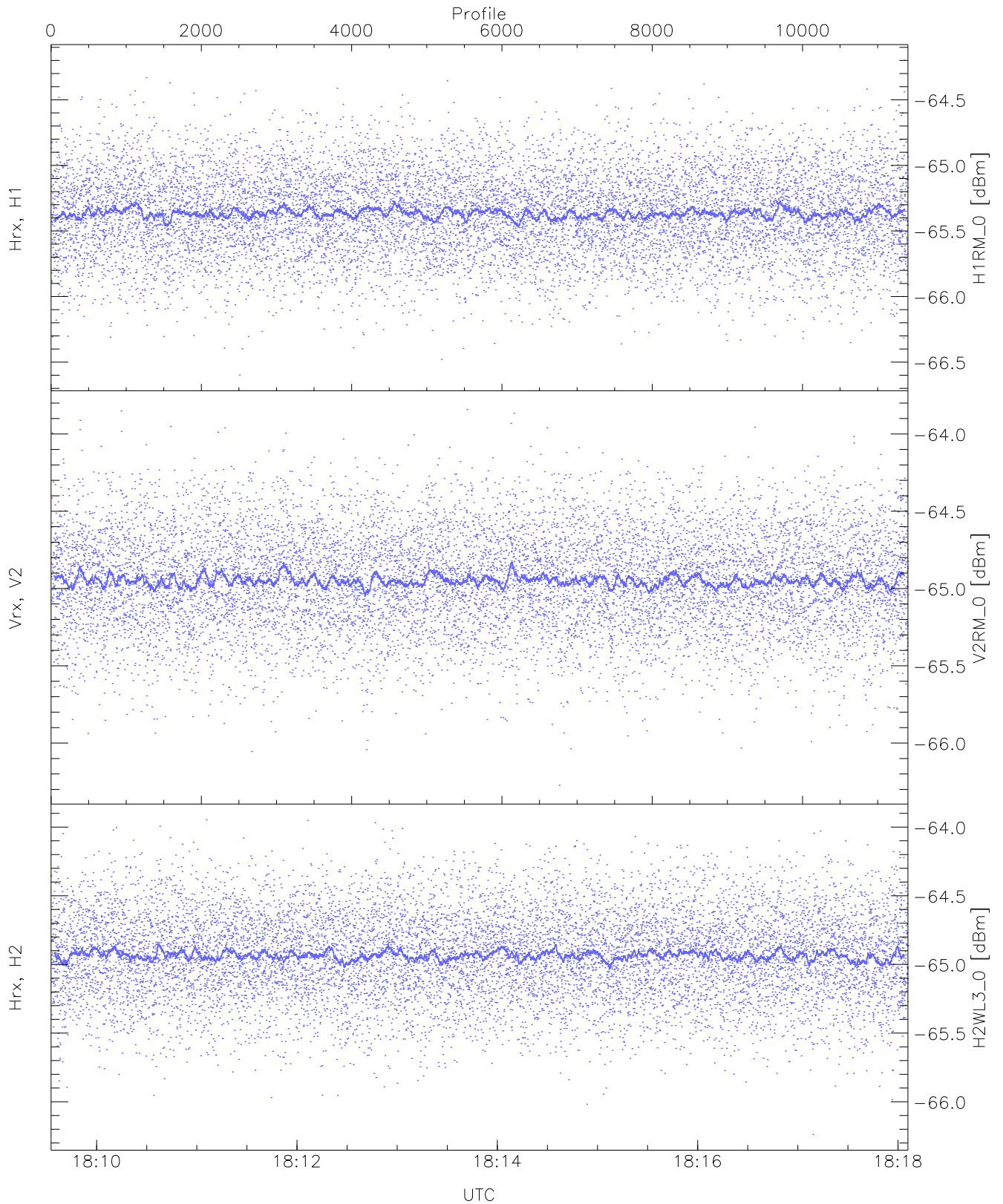
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.01	-63.60	-64.71	-64.72	-76.15
Vrx, V2 (HL [dBm])	-66.13	-63.56	-64.72	-64.73	-76.16
Hrx, H2 (HL [dBm])	-65.96	-63.62	-64.71	-64.72	-76.15



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

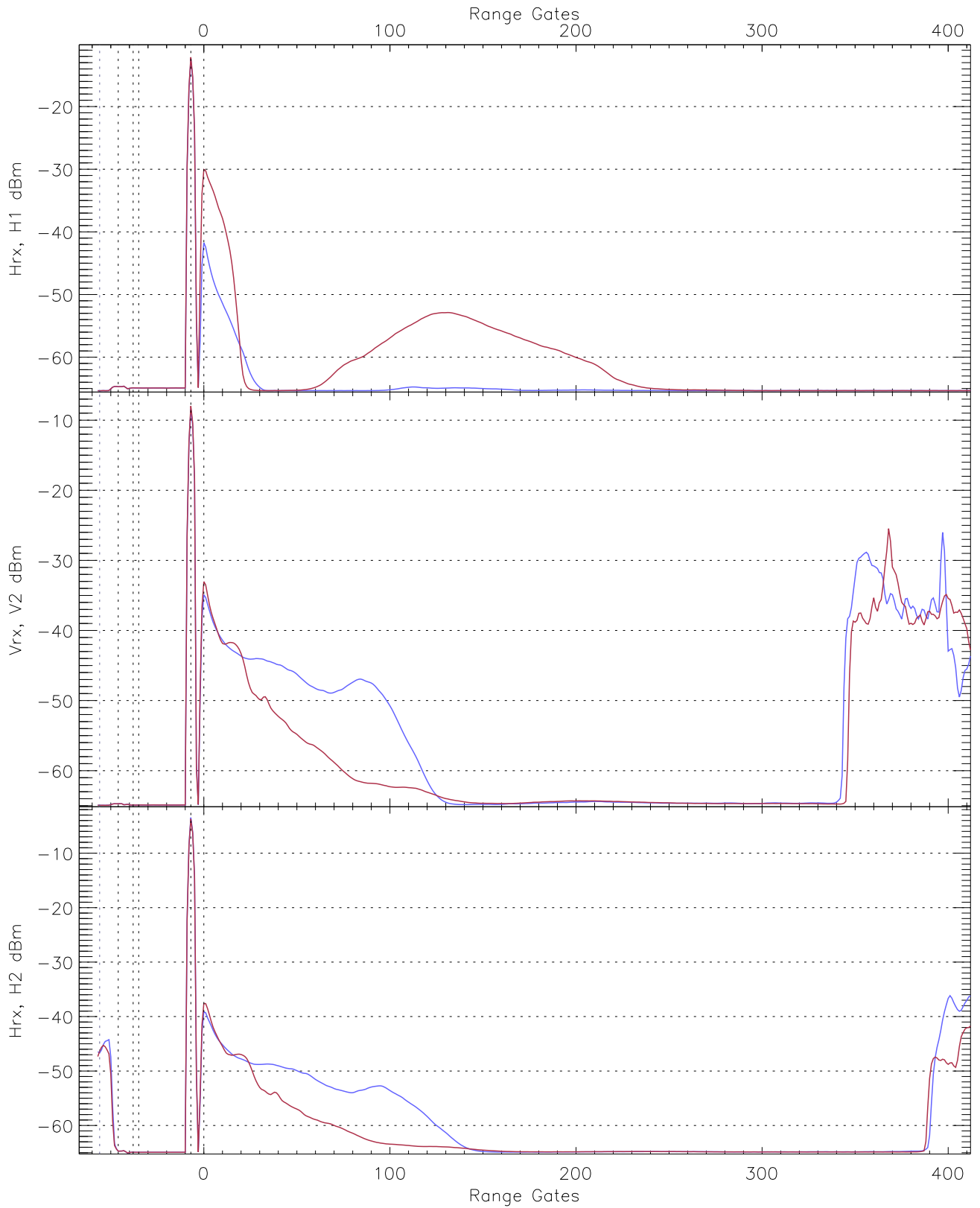
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.60	-64.20	-65.36	-65.36	-76.86
Vrx, V2 (RM [dBm])	-66.27	-63.84	-64.94	-64.95	-76.49
Hrx, H2 (RM [dBm])	-66.03	-26.45	-46.51	-64.74	-38.90



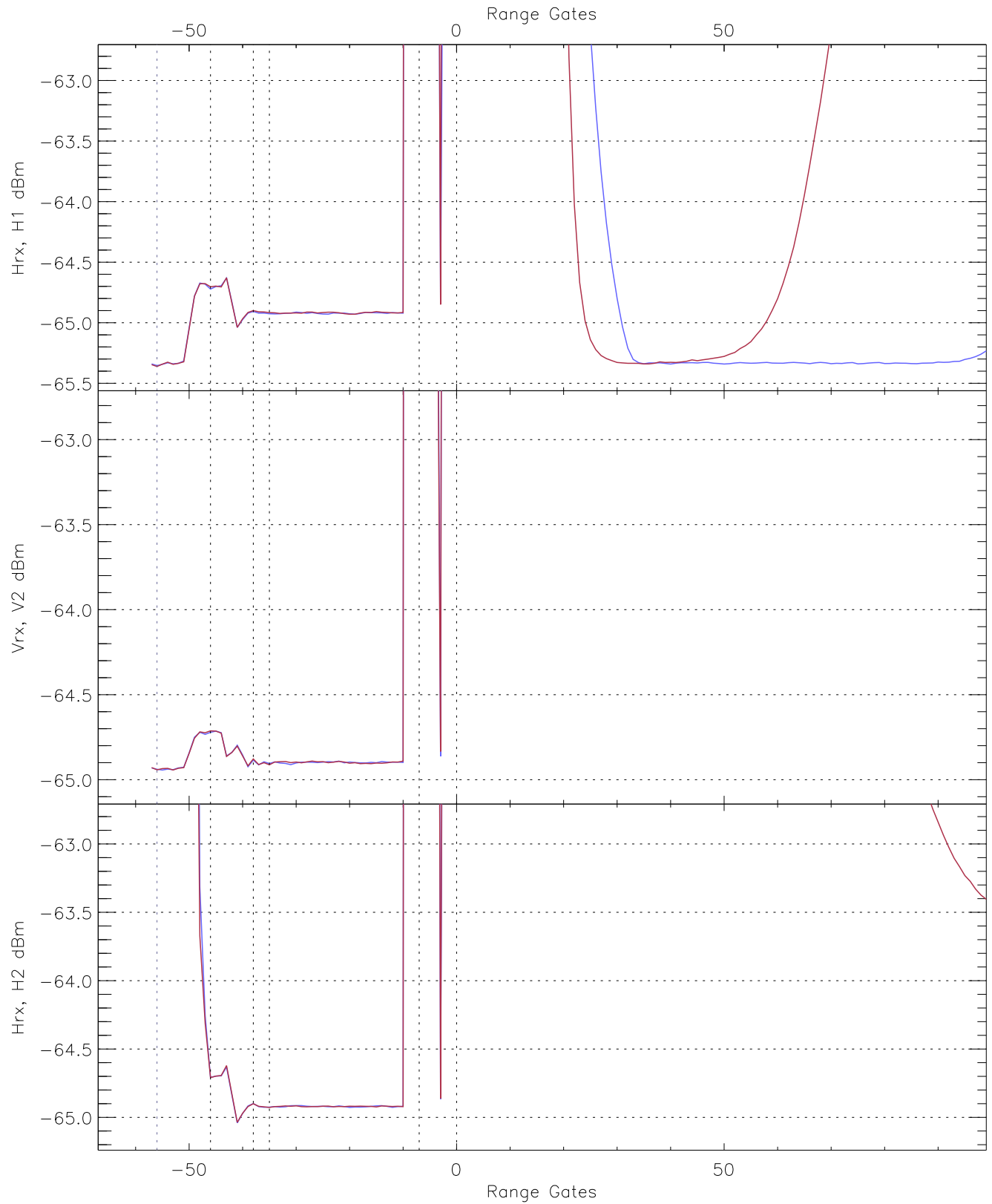
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.60	-64.20	-65.36	-65.36	-76.86
V2RM_0 [dBm]	-66.27	-63.84	-64.94	-64.95	-76.49
H2WL3_0 [dBm]	-66.24	-63.95	-64.93	-64.93	-76.48

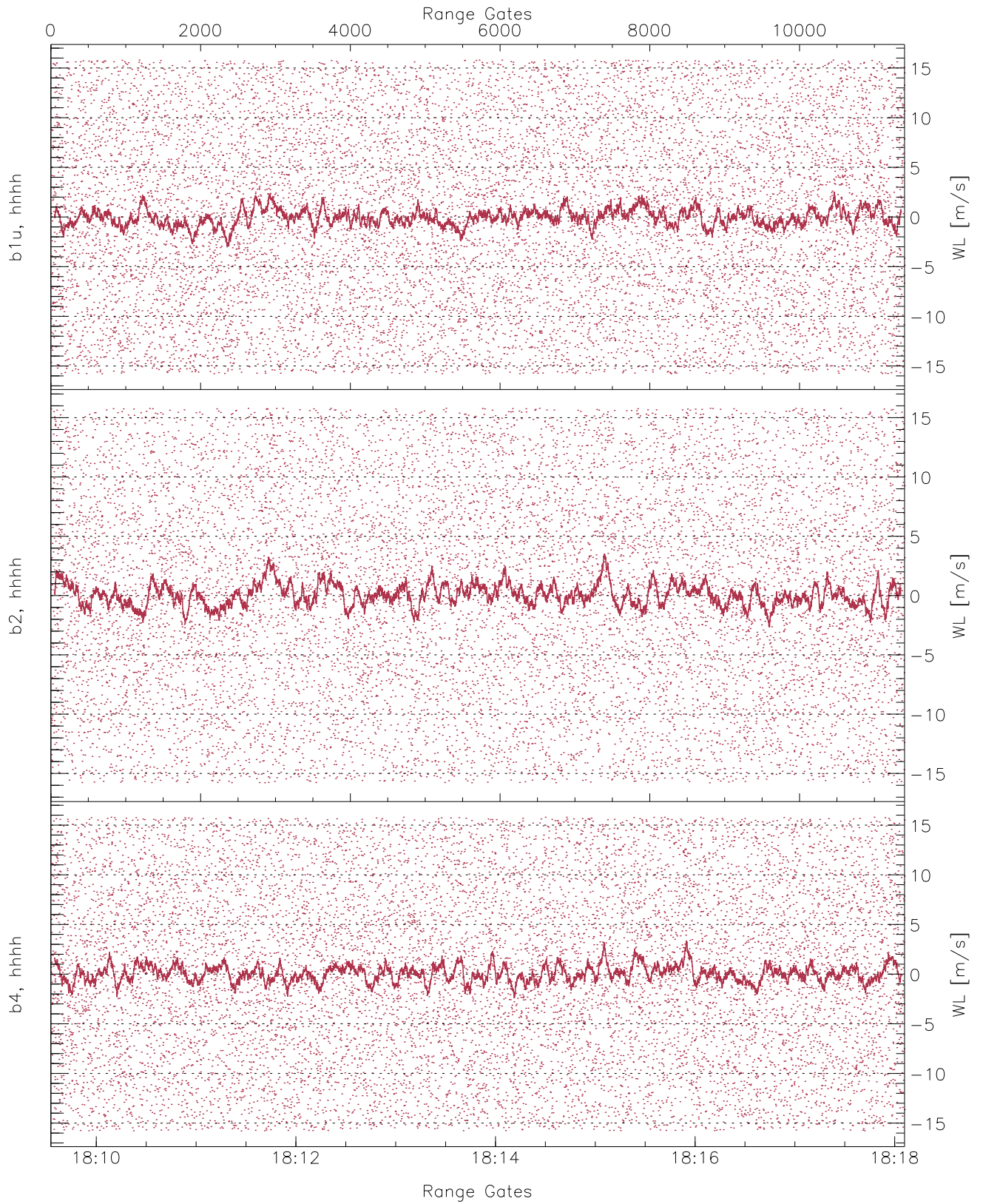




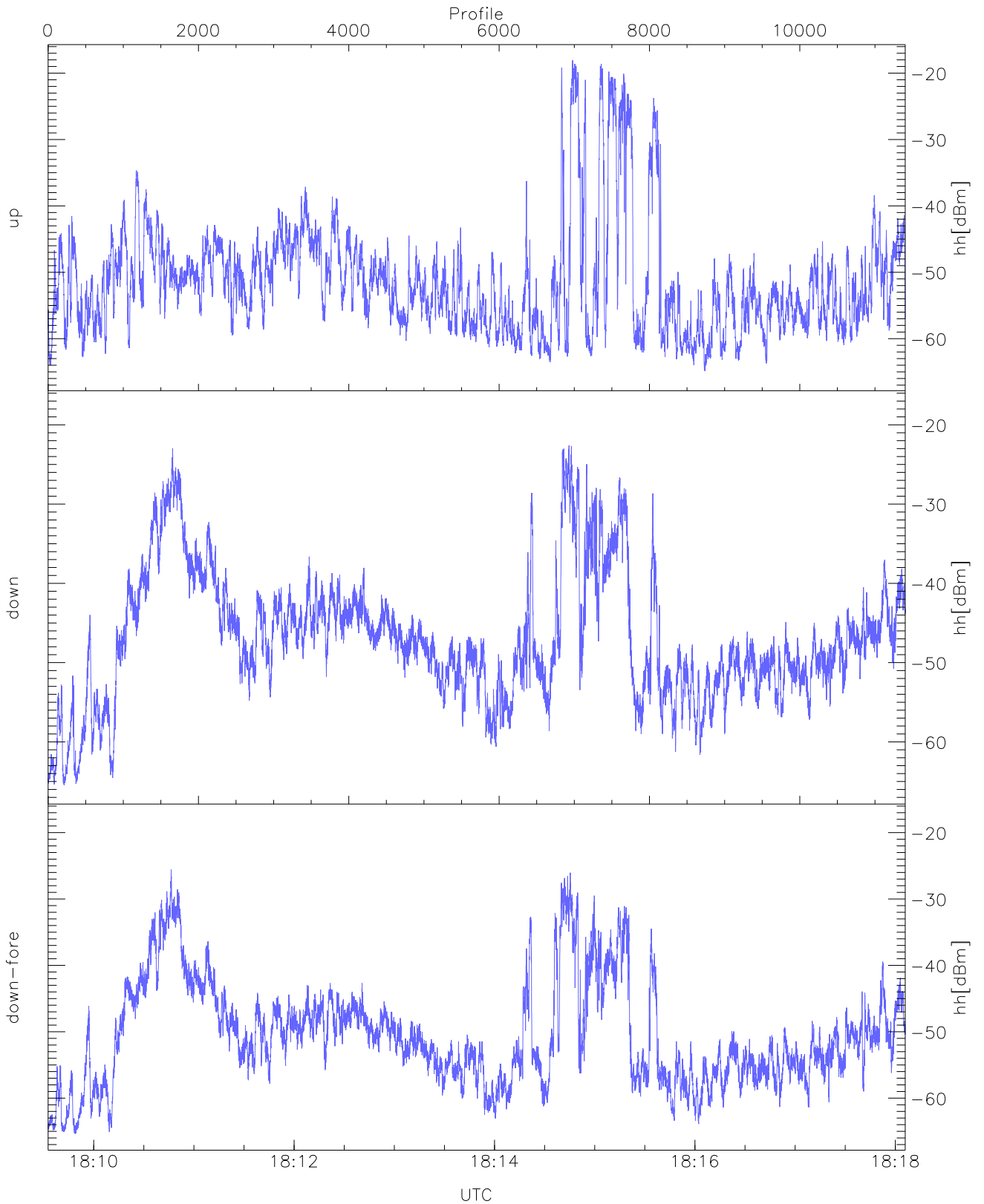
WCR3 CPP Averaged Received power for all recorded gates  
blue: 180933-181349, 5703 profiles averaged  
red: 181349-181806, 5702 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate  
blue: 180933-181349, 5703 profiles averaged  
red: 181349-181806, 5702 profiles averaged

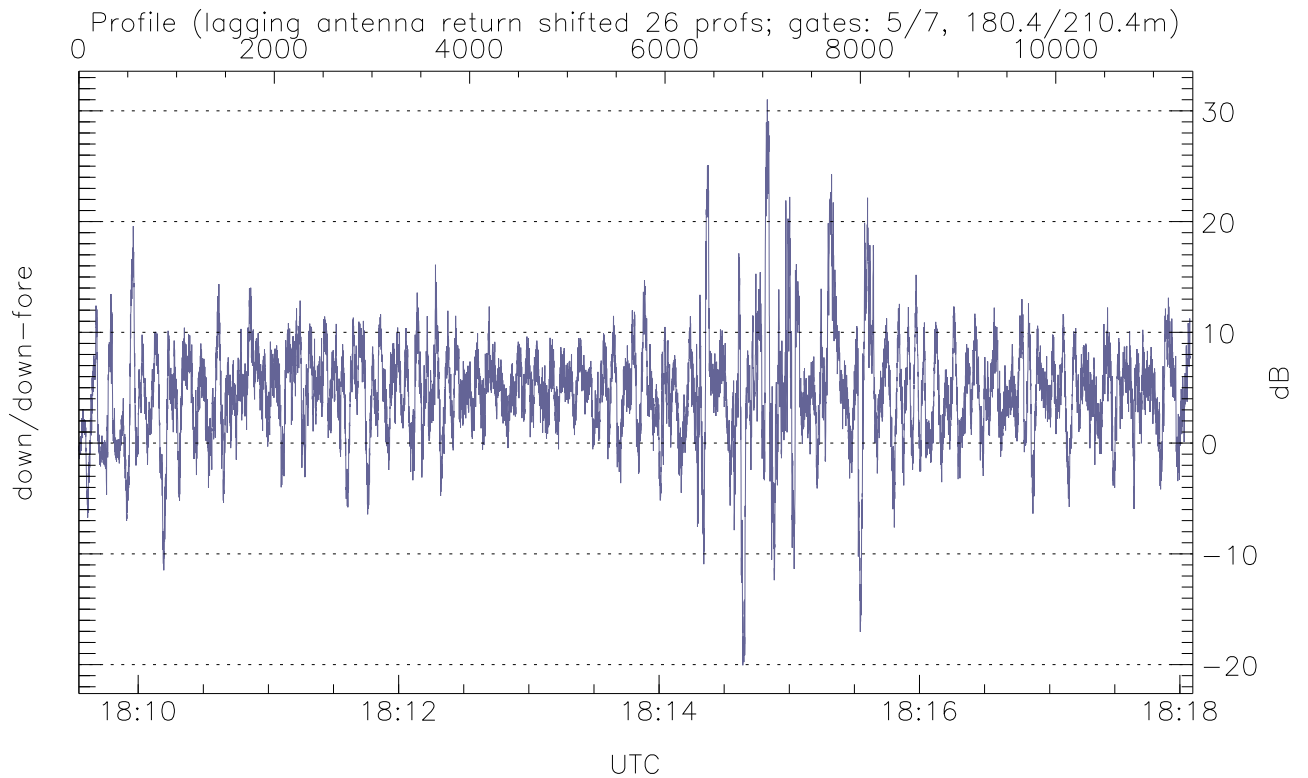
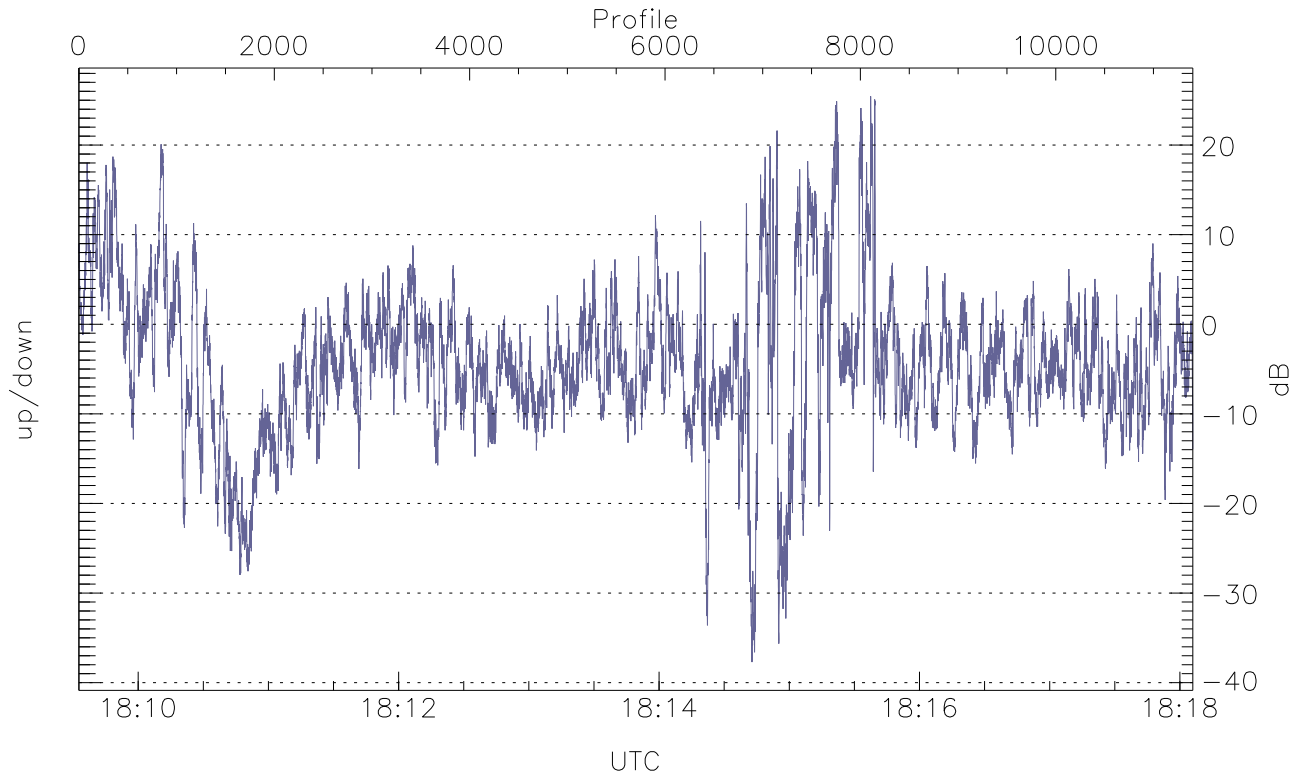


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



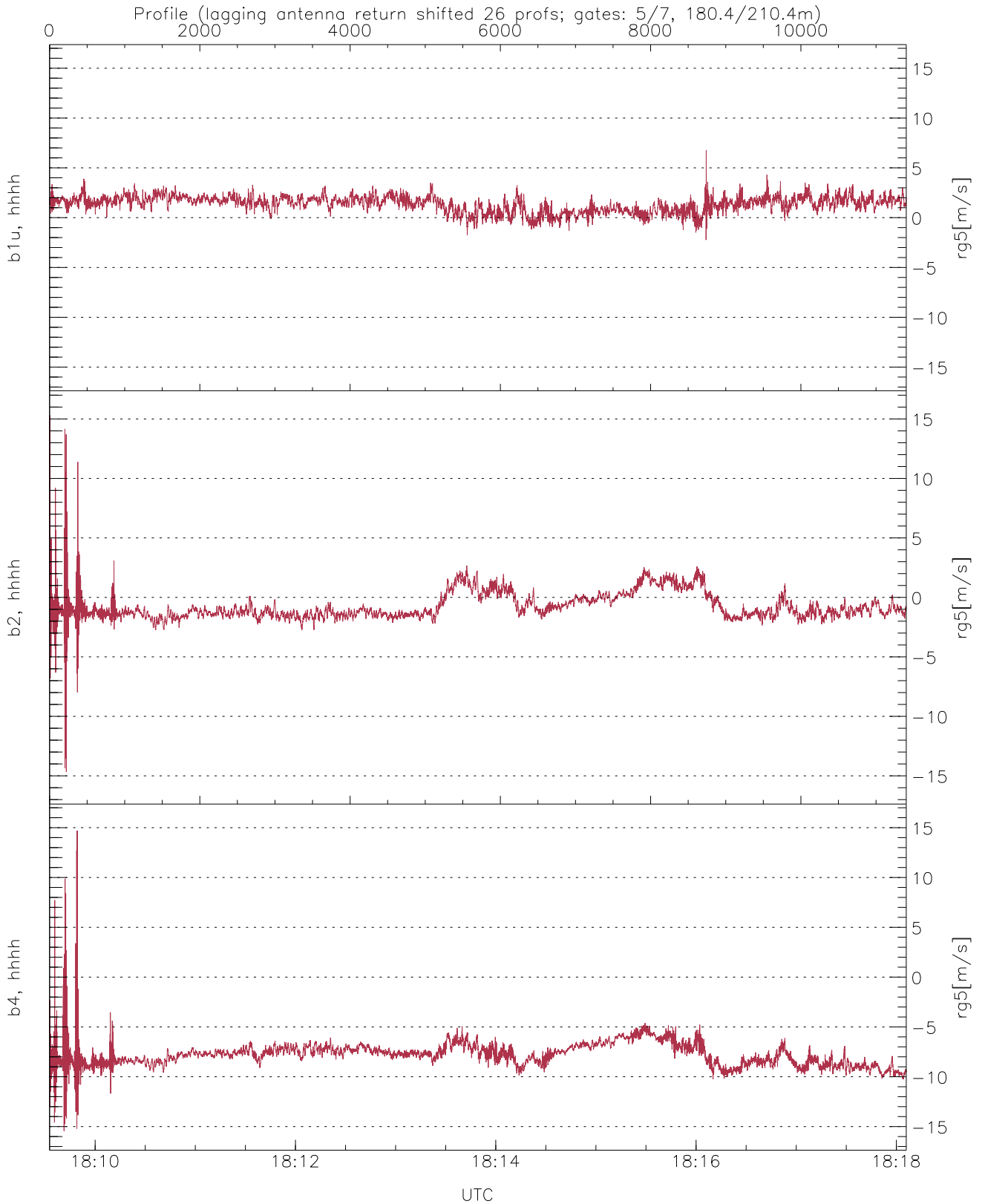
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-64.89	-18.07	-36.30
down(hh[dBm])	-65.47	-22.59	-38.55
down-fore(hh[dBm])	-65.37	-25.58	-42.25



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

	Min	Max	Mean
up/down (dB)	-37.70	25.44	-4.28
down/down-fore (dB)	-20.06	31.02	4.56



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.23	6.76	1.35	0.79
b2, hhhh(rg5[m/s])	-14.65	15.31	-0.74	1.16
b4, hhhh(rg5[m/s])	-15.45	14.70	-7.76	1.19