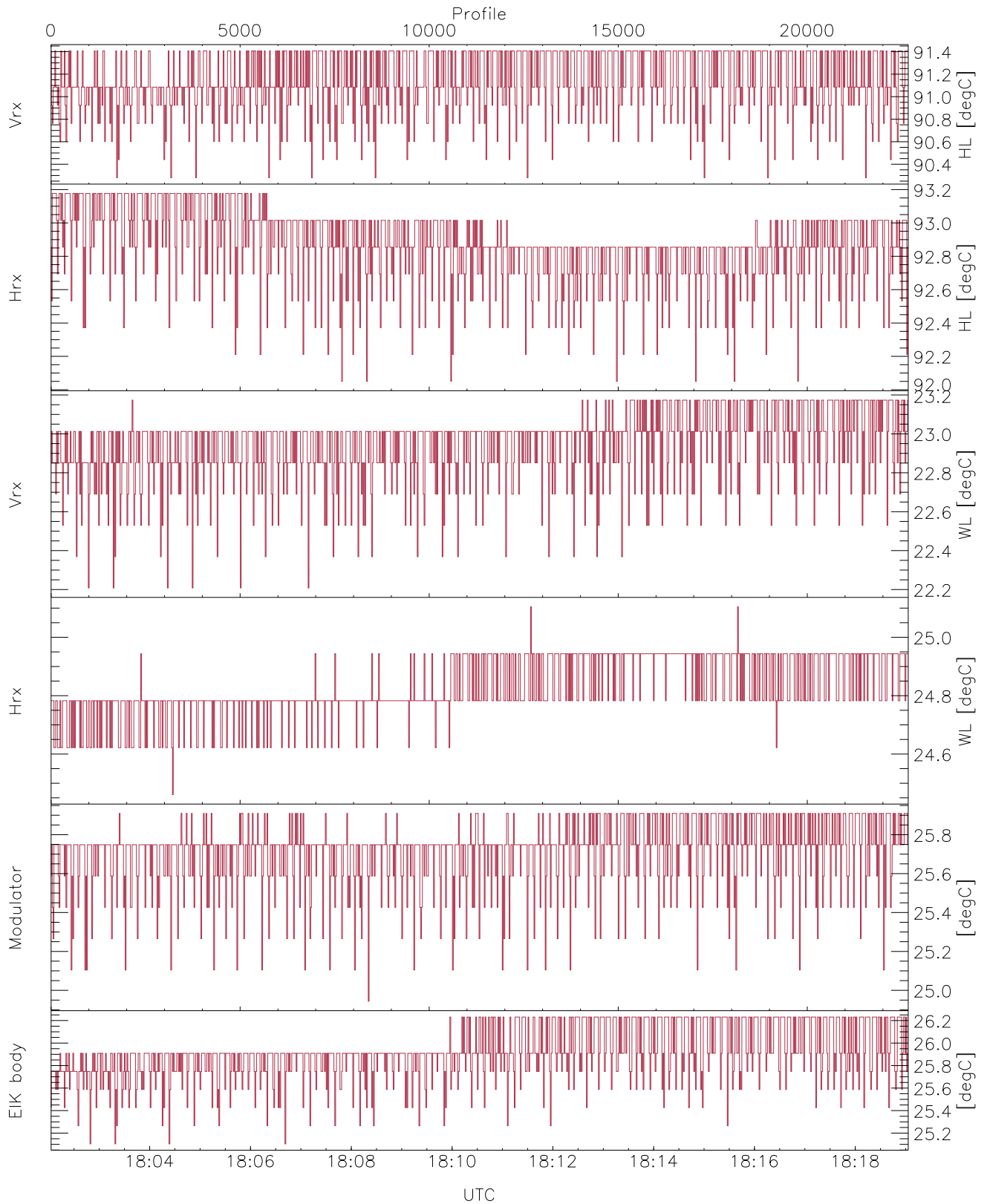


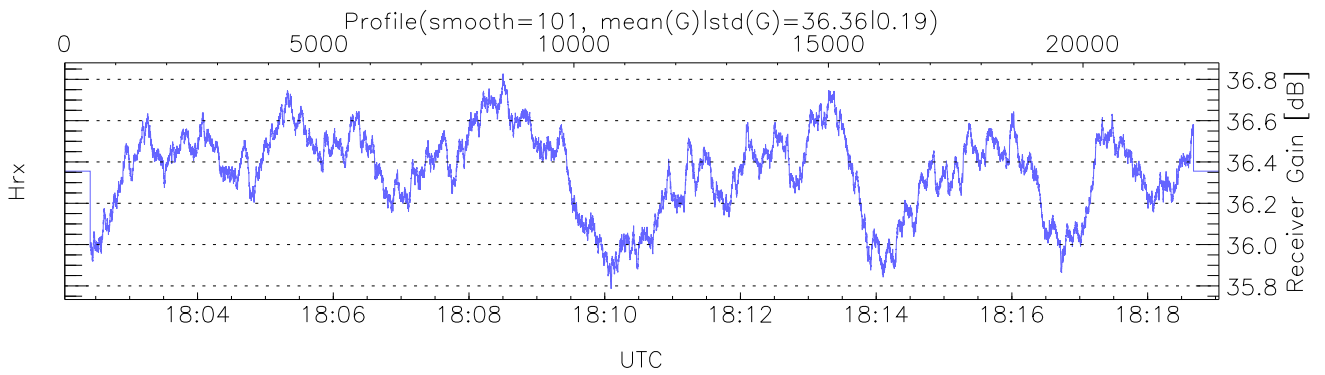
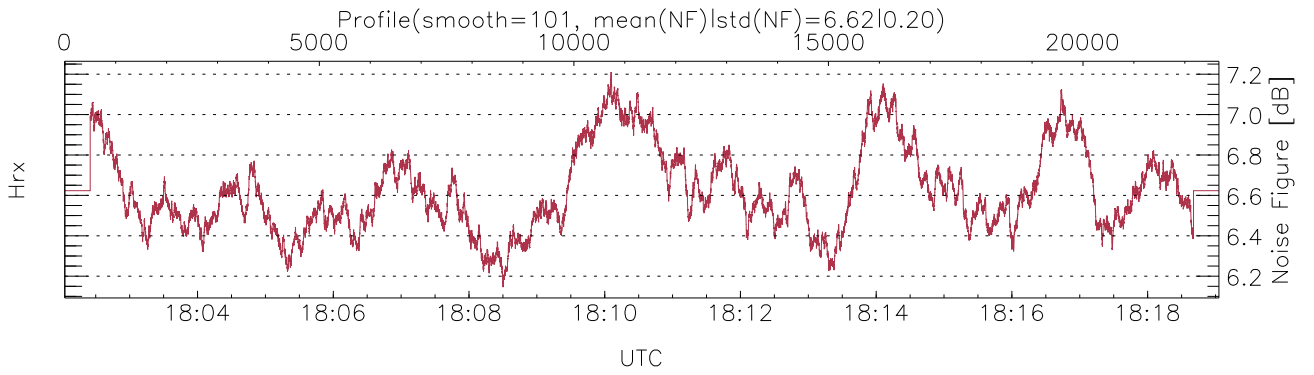
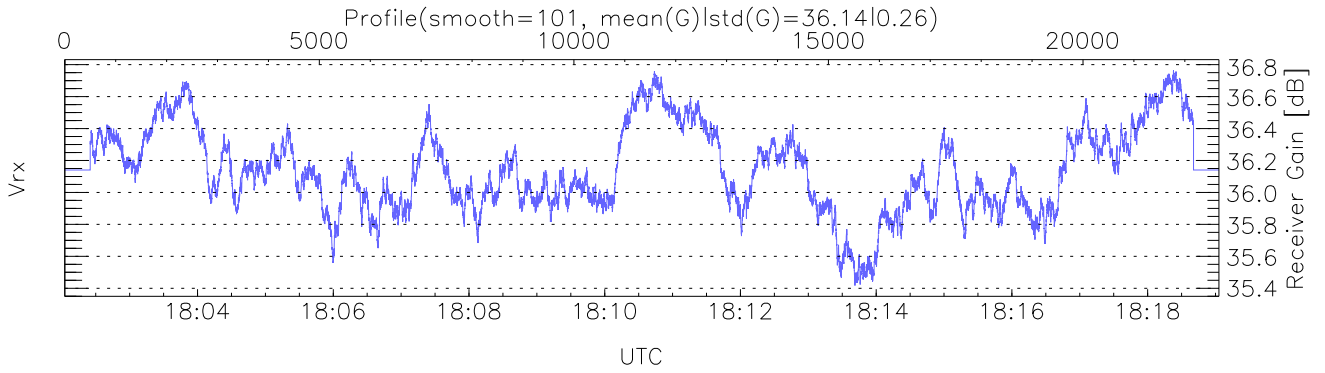
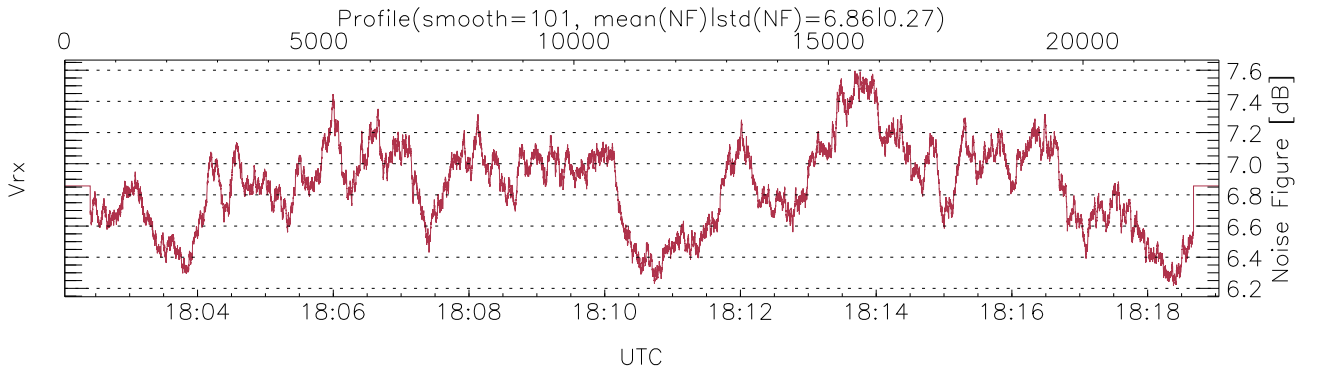
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:02:03-18:19:03, 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, 0-22671/18:02:03-18:19:03  
 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 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



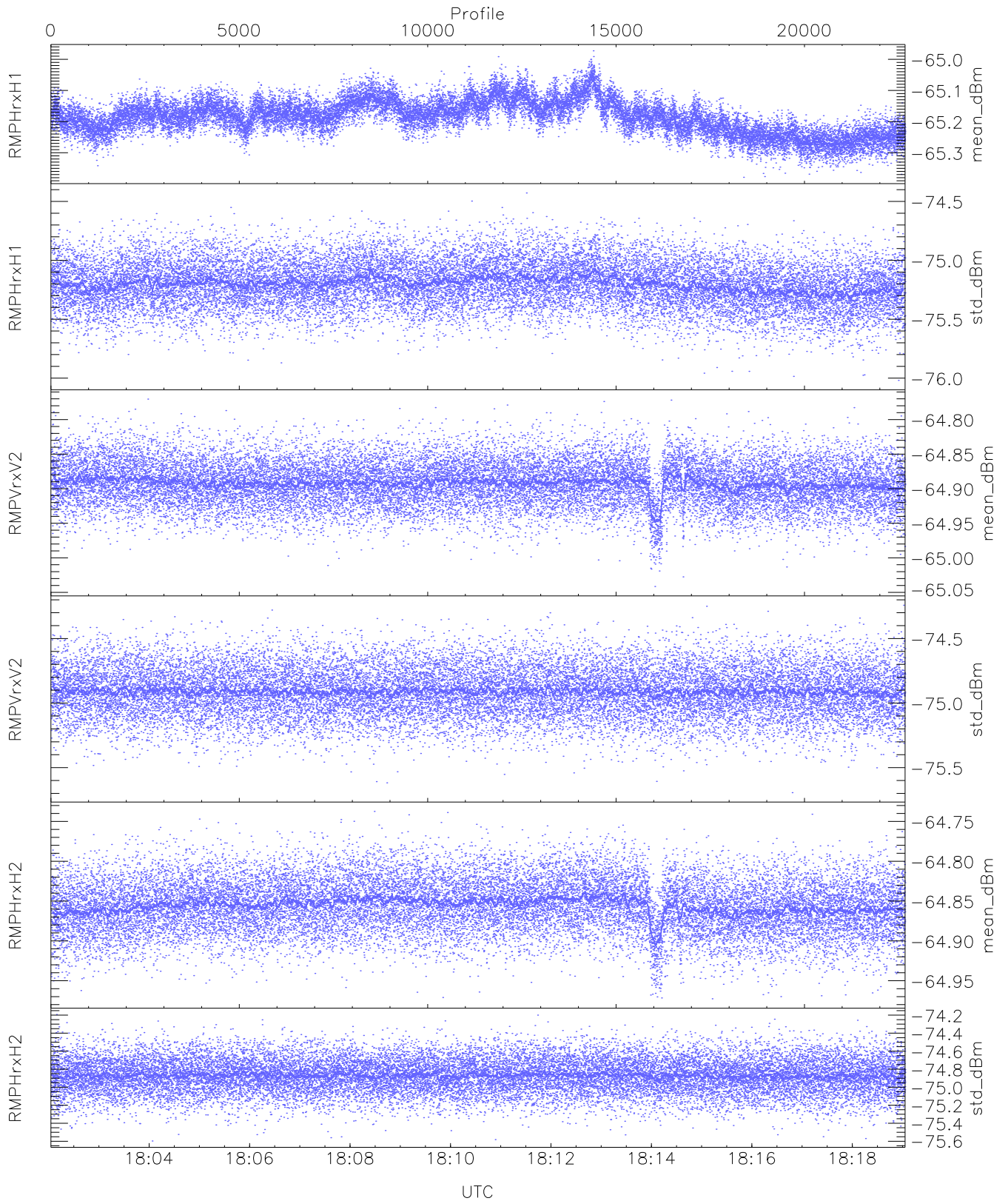
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,24,24,25`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,25,25,26`  
`LOalarm(20,240,2817,14861 MHz): None`  
`EIK/Modulator Faults: None`



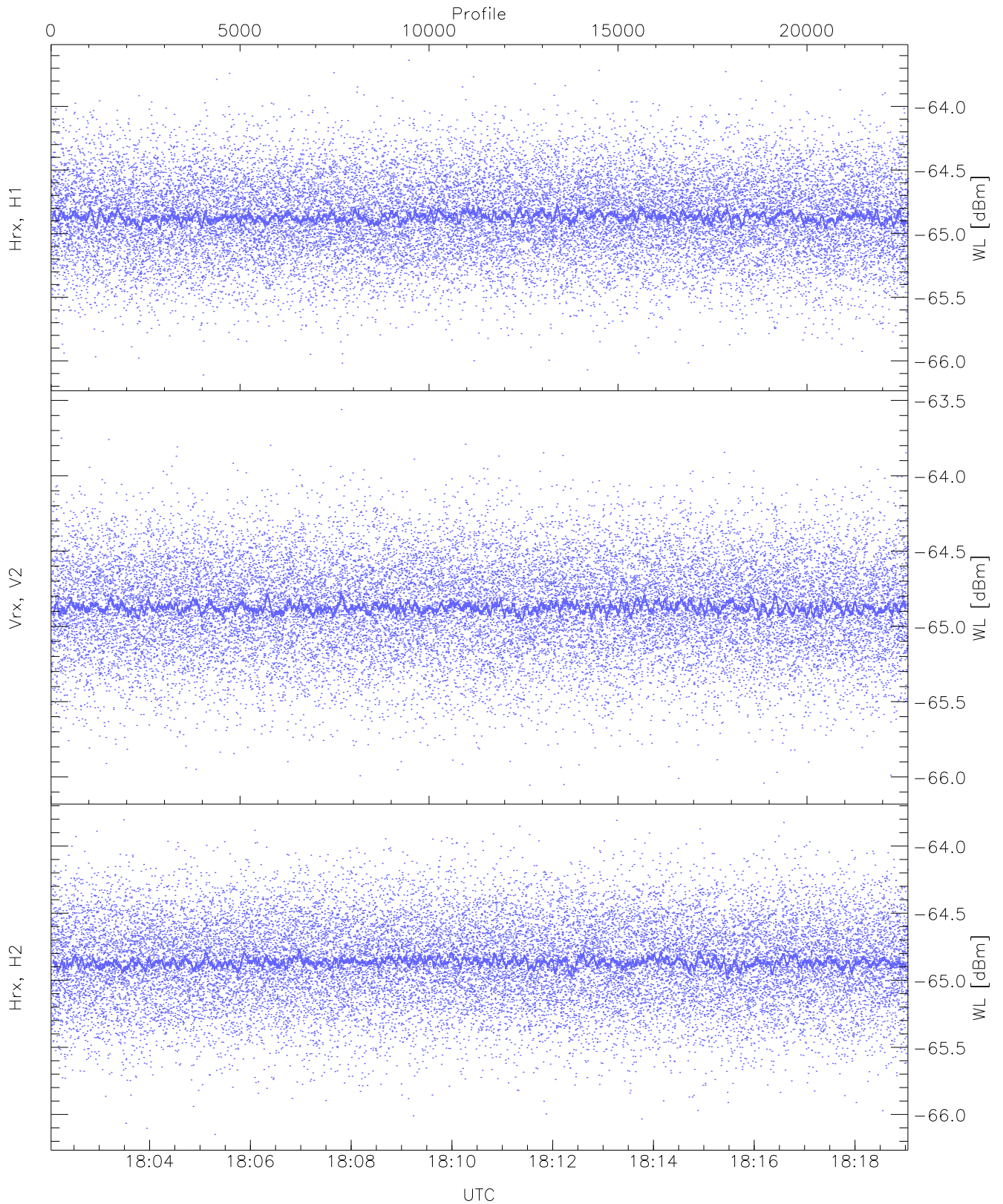
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 463 pixs, 10 gates, 447 profs, 1 prod(s)



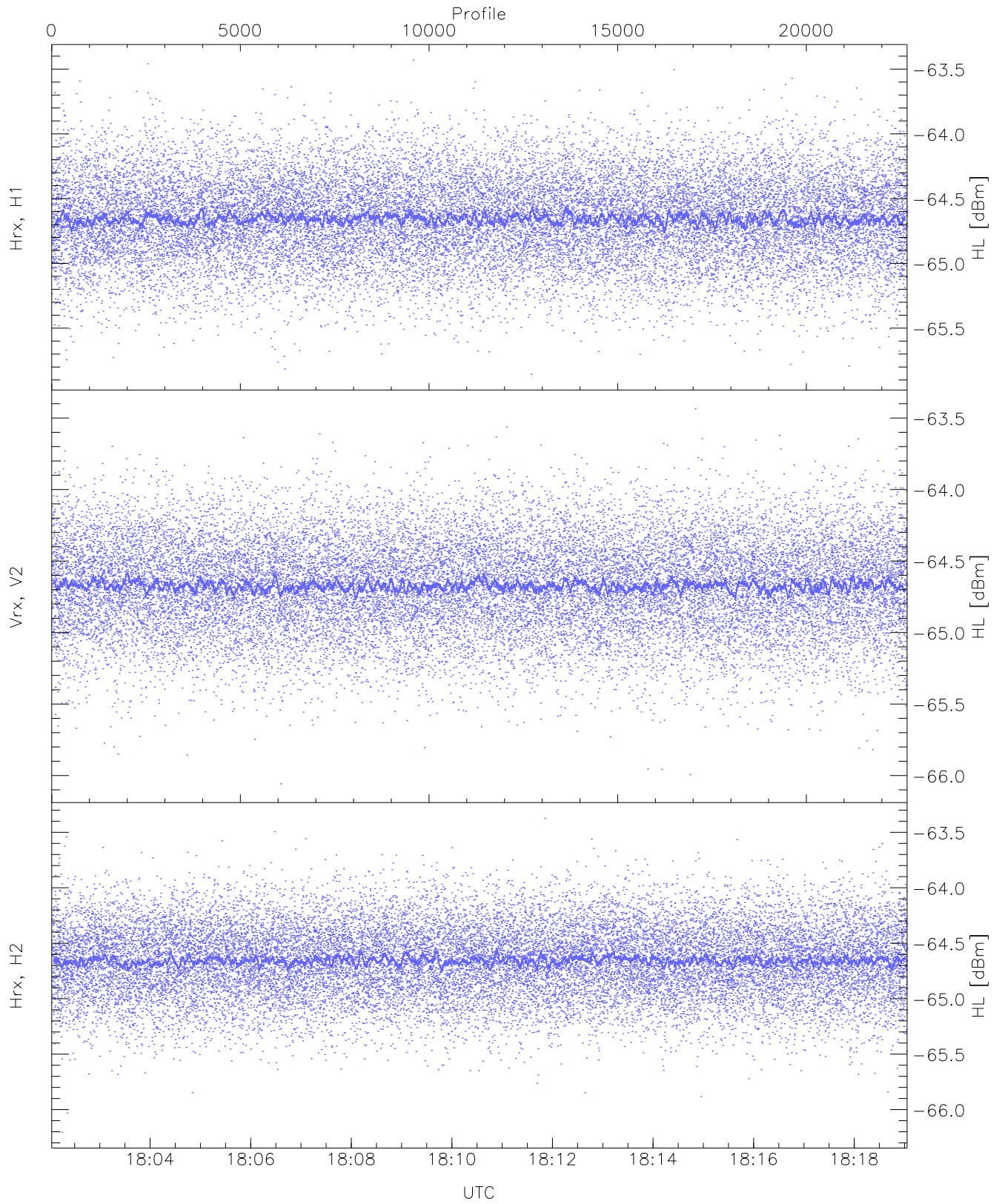
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.38	-64.97	-65.19	-65.18	-84.15
RMPHrxH1(std_dBm)	-76.02	-74.43	-75.20	-75.20	-88.88
RMPVrxV2(mean_dBm)	-65.04	-64.77	-64.89	-64.89	-86.34
RMPVrxV2(std_dBm)	-75.69	-74.24	-74.91	-74.91	-88.73
RMPHrxH2(mean_dBm)	-64.97	-64.74	-64.86	-64.86	-86.26
RMPHrxH2(std_dBm)	-75.60	-74.19	-74.87	-74.87	-88.67



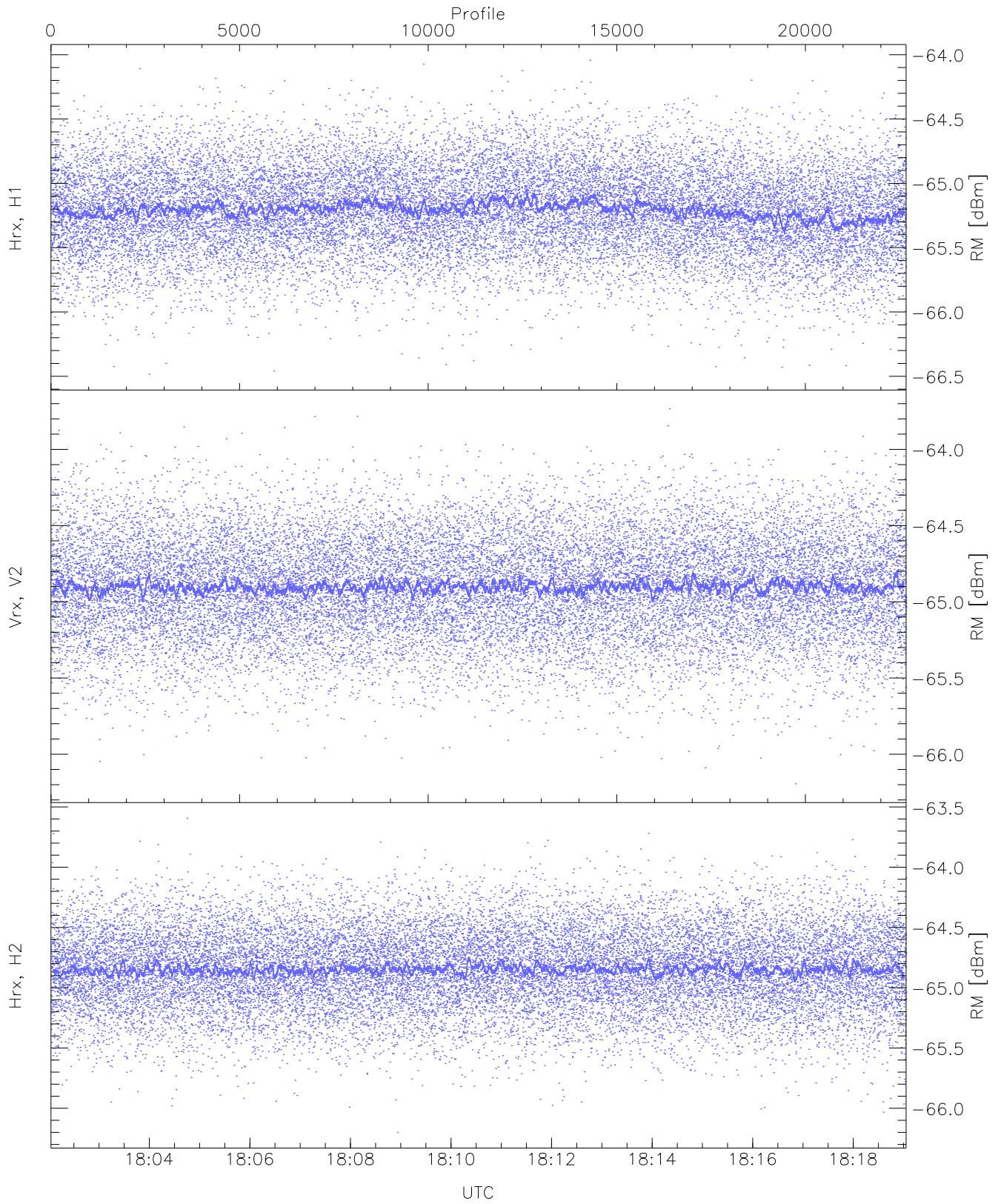
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.11	-63.64	-64.86	-64.87	-76.30
Vrx, V2 (WL [dBm])	-66.06	-63.56	-64.87	-64.88	-76.40
Hrx, H2 (WL [dBm])	-66.15	-63.80	-64.86	-64.87	-76.34



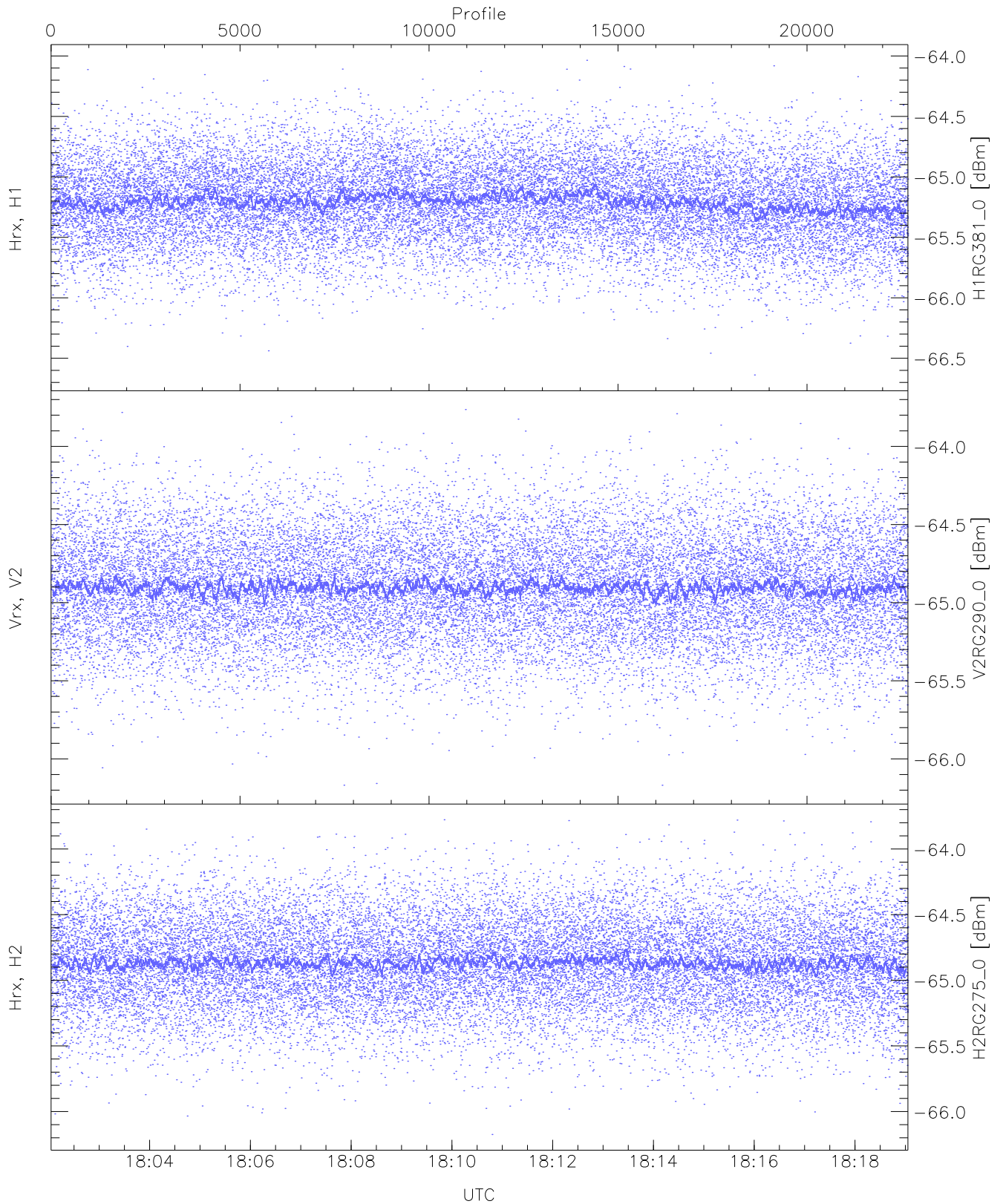
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.86	-63.43	-64.65	-64.66	-76.14
Vrx, V2 (HL [dBm])	-66.06	-63.44	-64.67	-64.67	-76.16
Hrx, H2 (HL [dBm])	-66.21	-63.37	-64.65	-64.66	-76.14



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

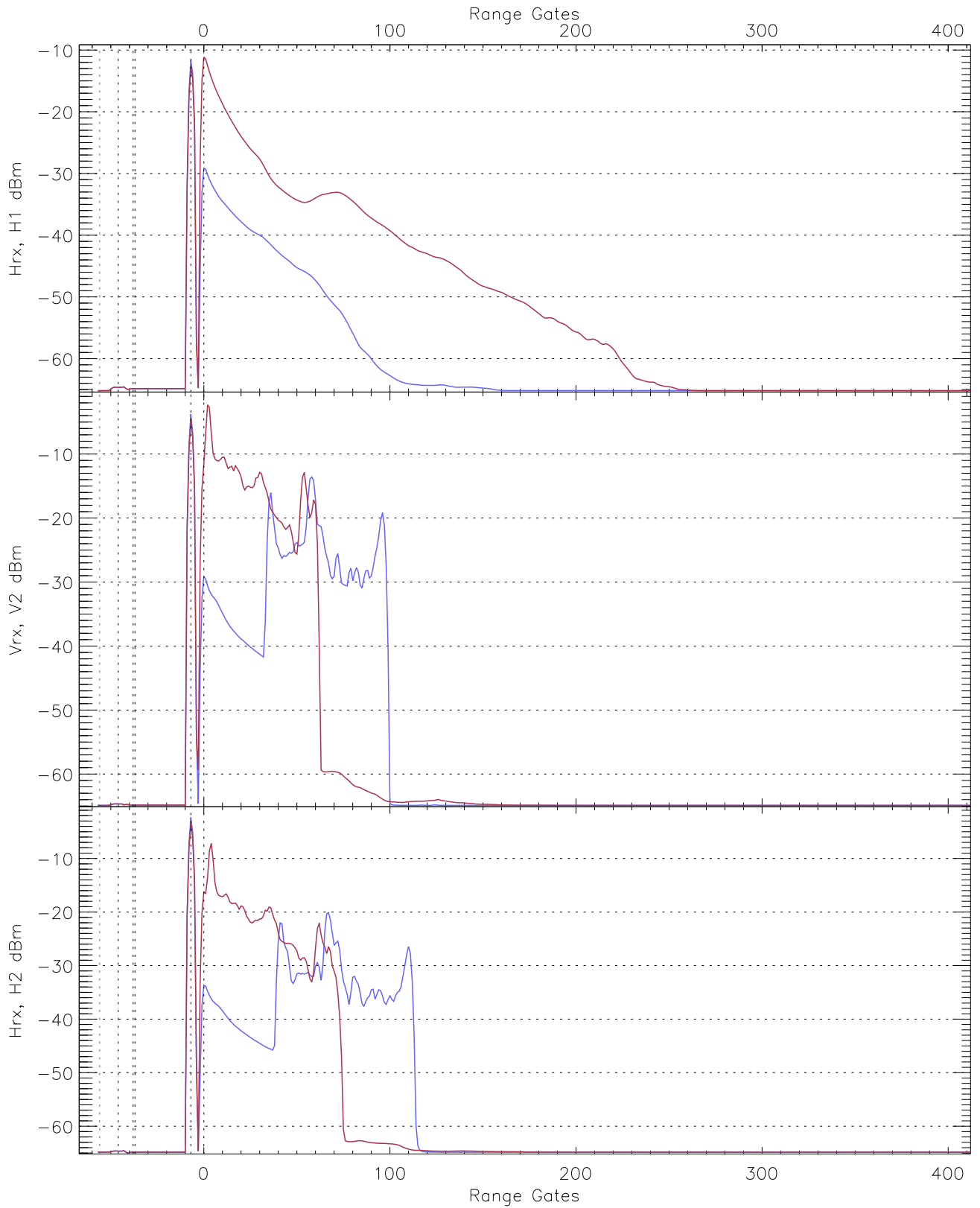
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.48	-64.04	-65.20	-65.21	-76.65
Vrx, V2 (RM [dBm])	-66.19	-63.73	-64.90	-64.90	-76.41
Hrx, H2 (RM [dBm])	-66.20	-63.59	-64.84	-64.85	-76.33



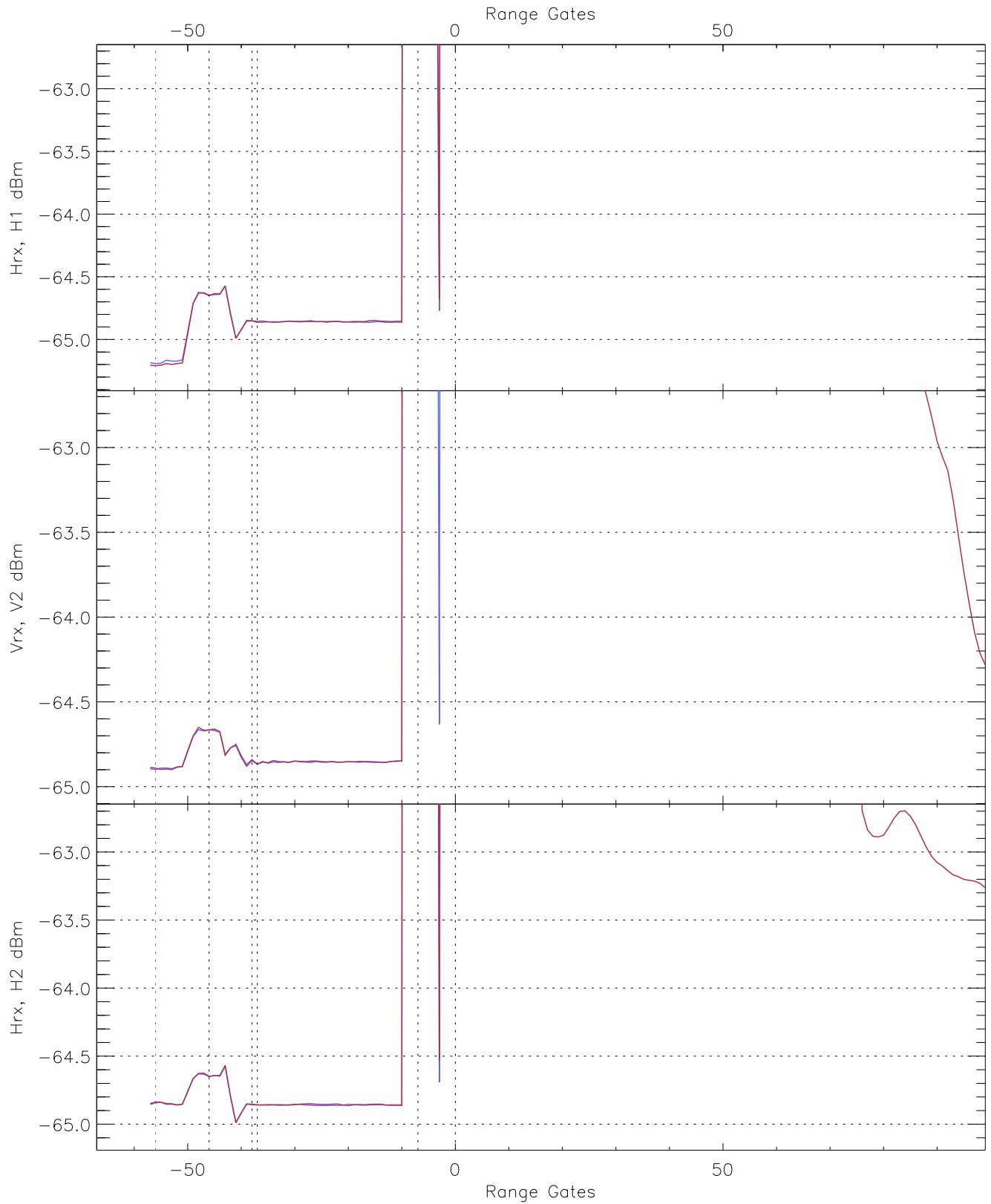
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG381_0 [dBm]	-66.64	-64.04	-65.20	-65.21	-76.65
V2RG290_0 [dBm]	-66.17	-63.76	-64.90	-64.91	-76.44
H2RG275_0 [dBm]	-66.17	-63.78	-64.86	-64.87	-76.33

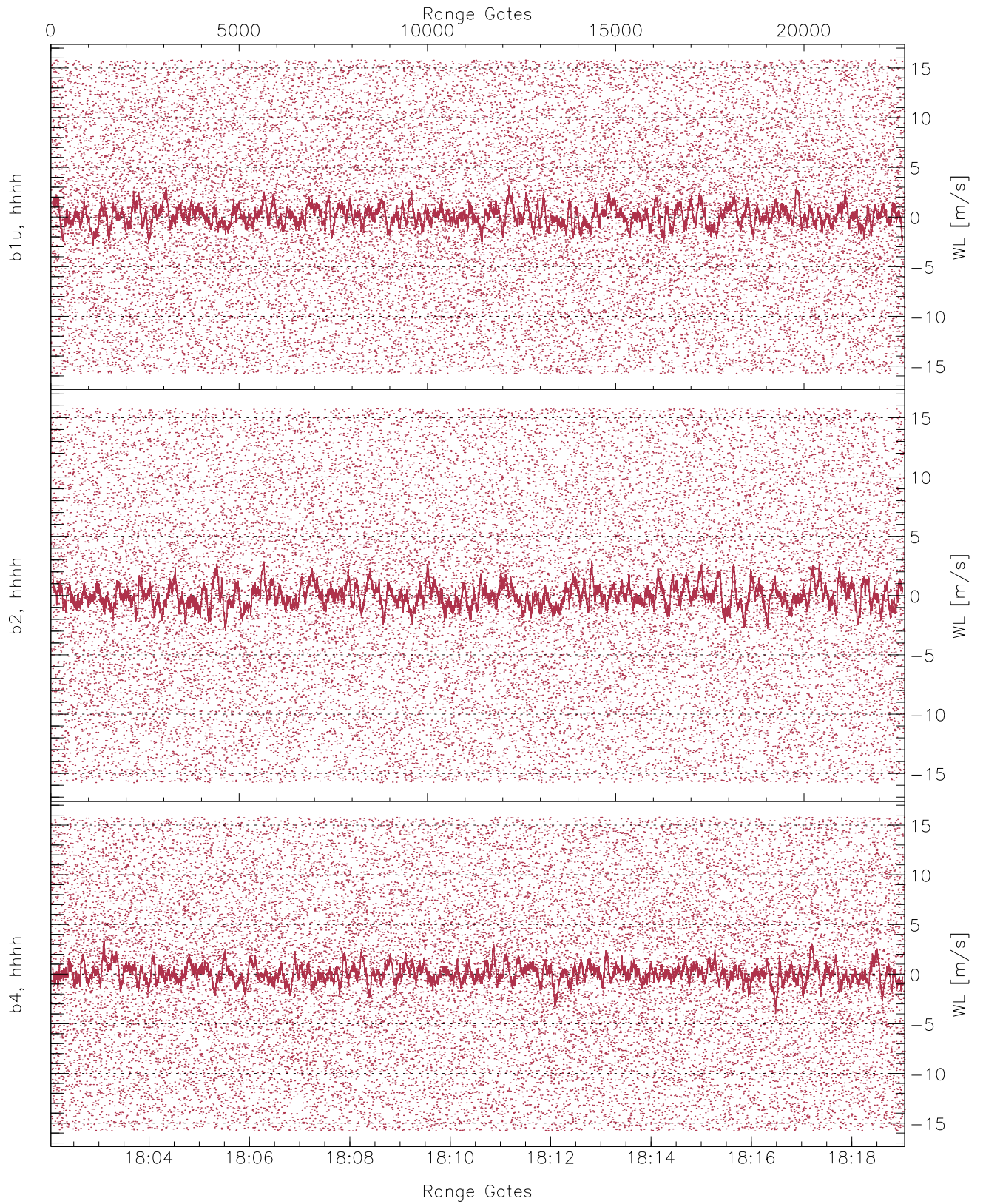




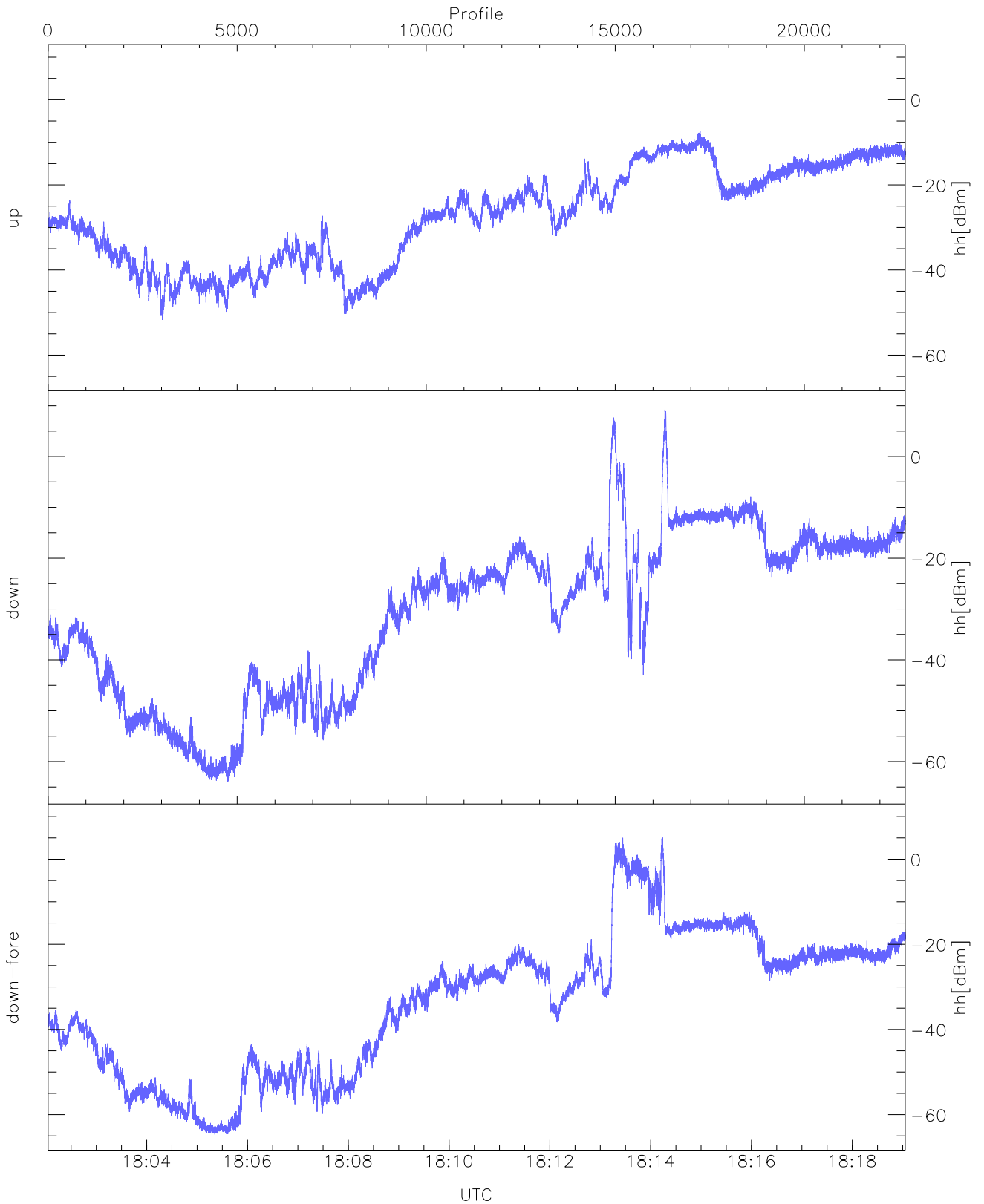
WCR3 CPP Averaged Received power for all recorded gates  
blue: 180203-181033, 11337 profiles averaged  
red: 181033-181903, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 180203-181033, 11337 profiles averaged  
red: 181033-181903, 11336 profiles averaged

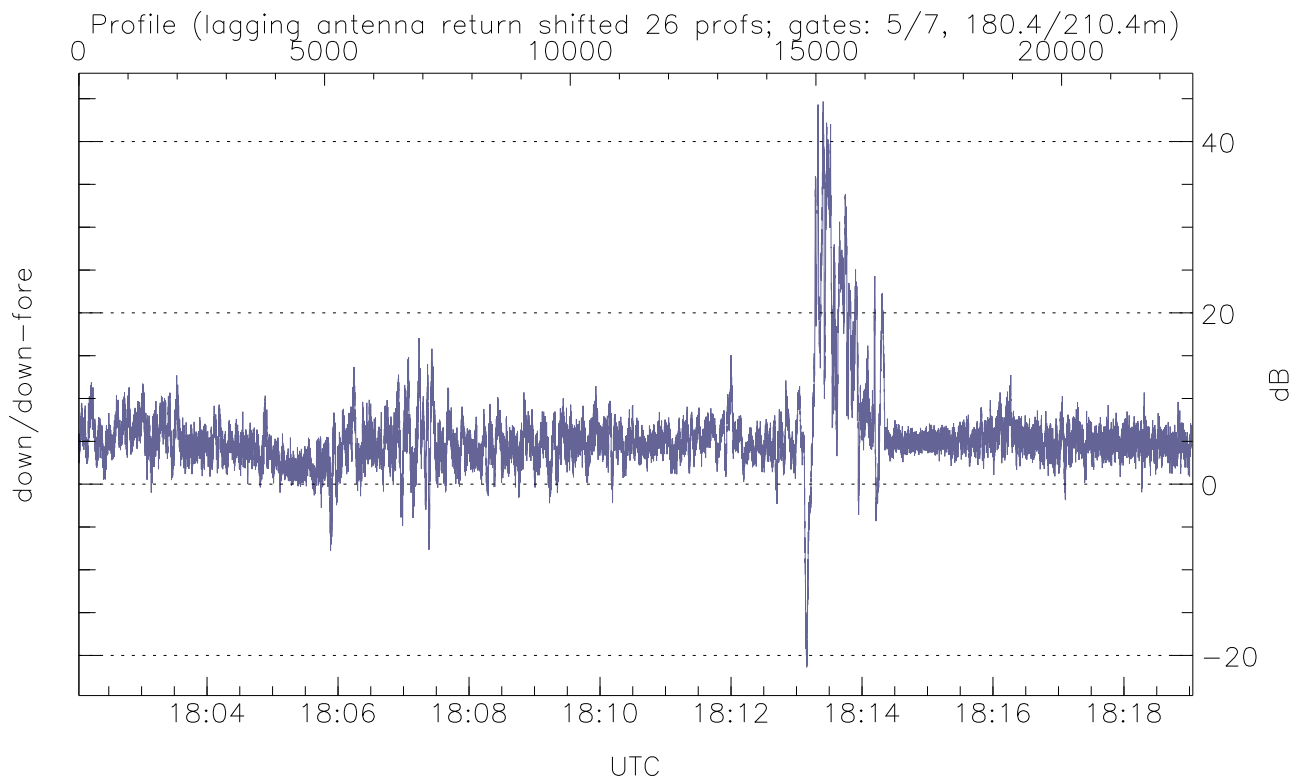
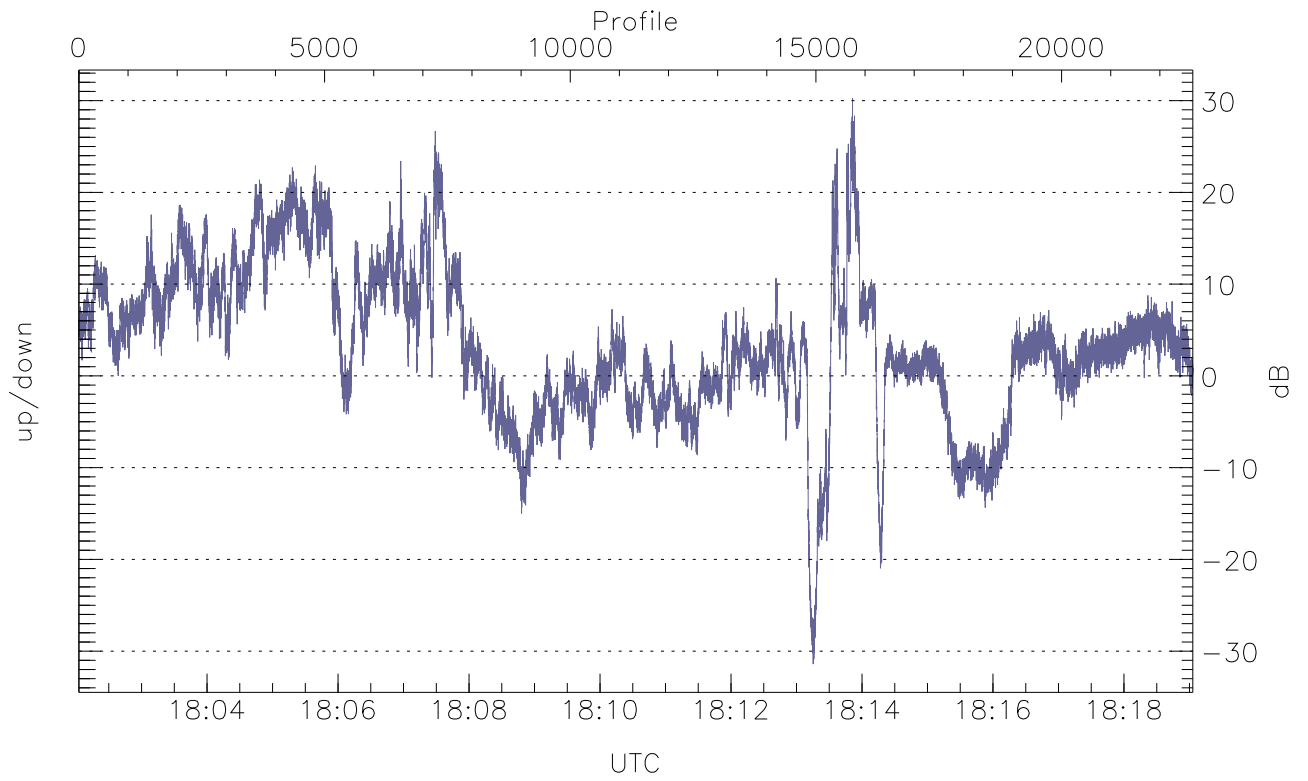


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



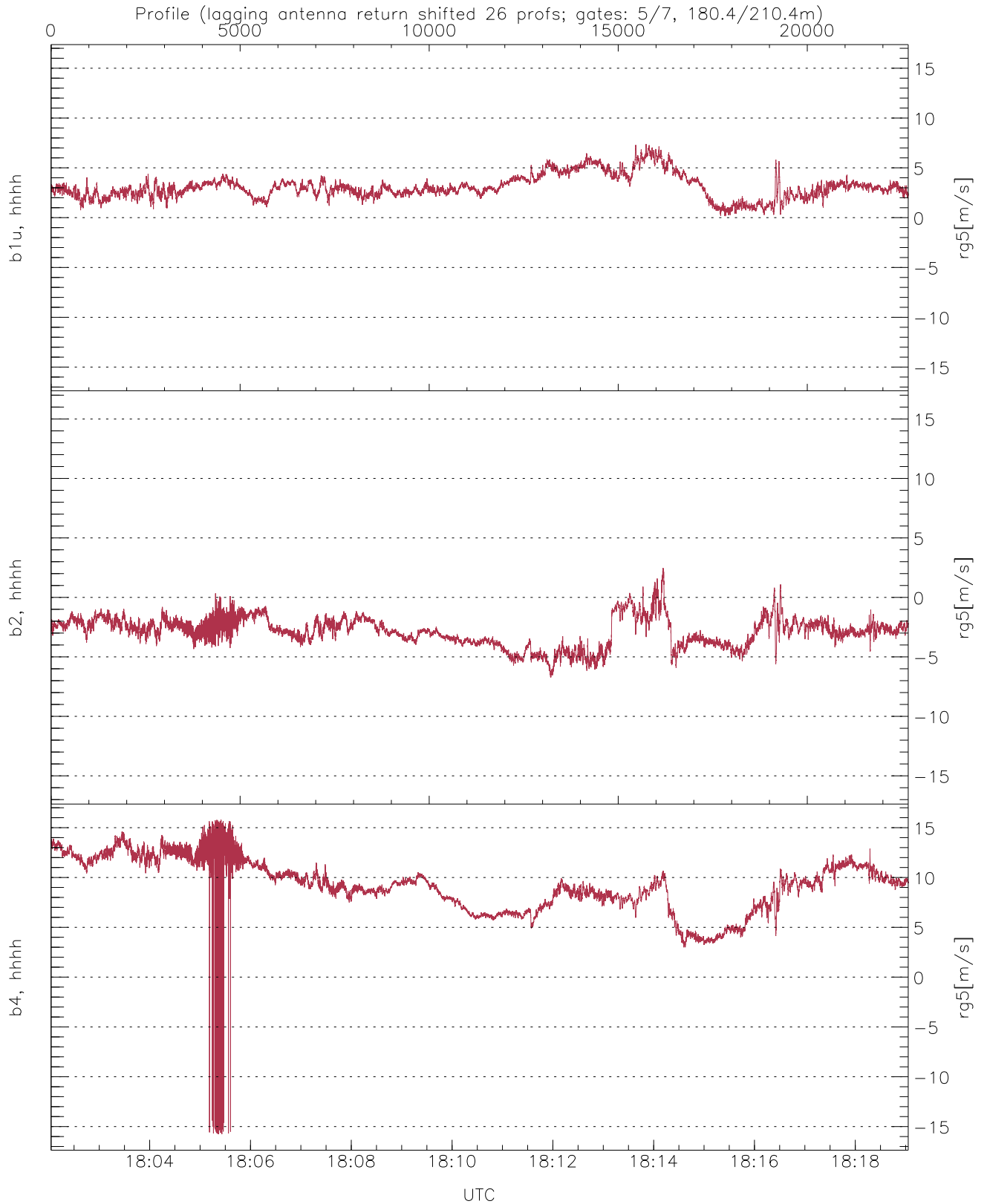
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-51.68	-7.34	-18.22
down(hh[dBm])	-64.08	9.26	-12.94
down-fore(hh[dBm])	-64.66	5.04	-13.29



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

	Min	Max	Mean
up/down (dB)	-31.41	30.25	3.36
down/down-fore (dB)	-21.38	44.68	5.55



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.17	7.40	3.09	1.22
b2, hhhh(rg5[m/s])	-6.74	2.48	-2.89	1.22
b4, hhhh(rg5[m/s])	-15.76	15.79	9.20	2.76