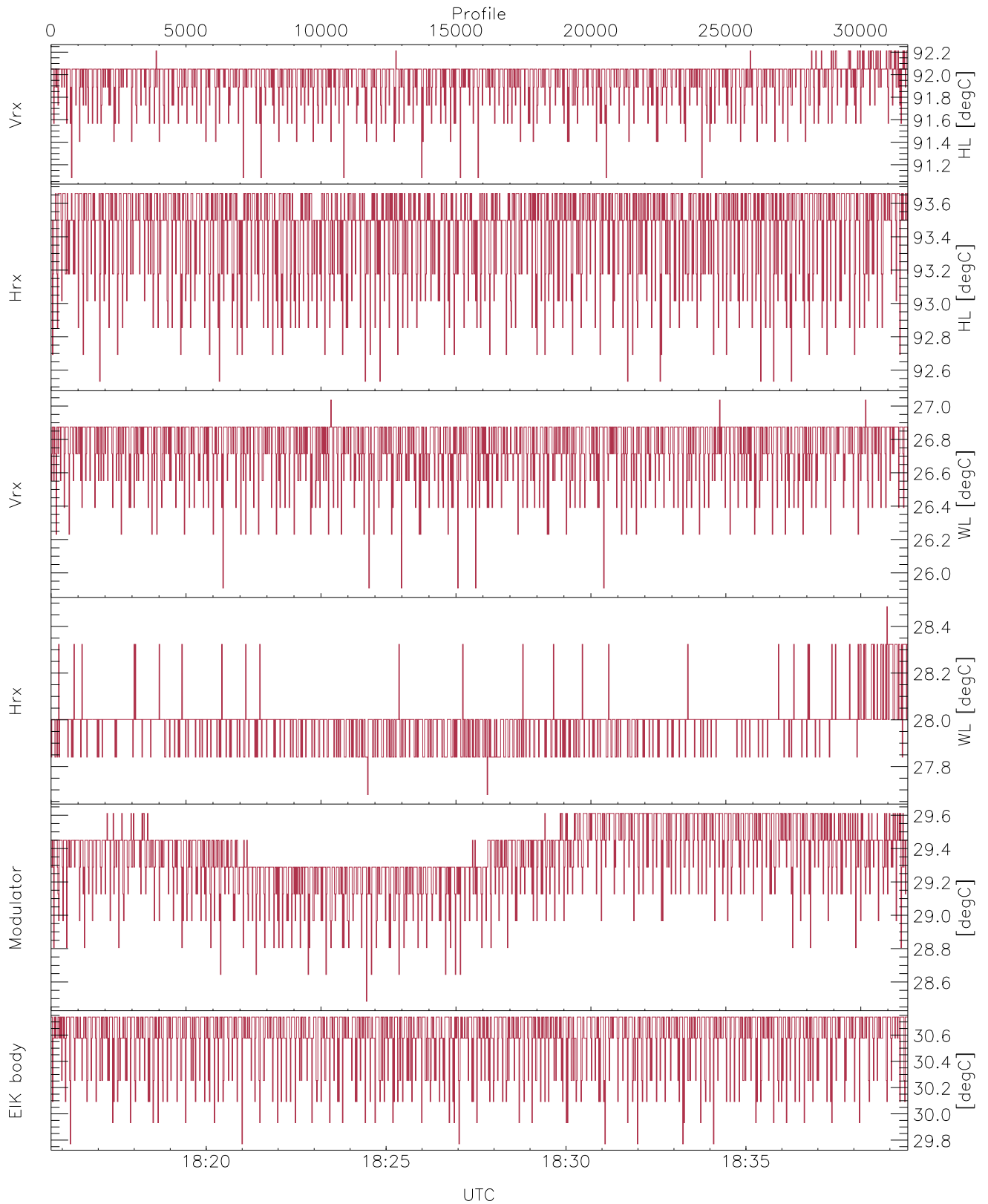


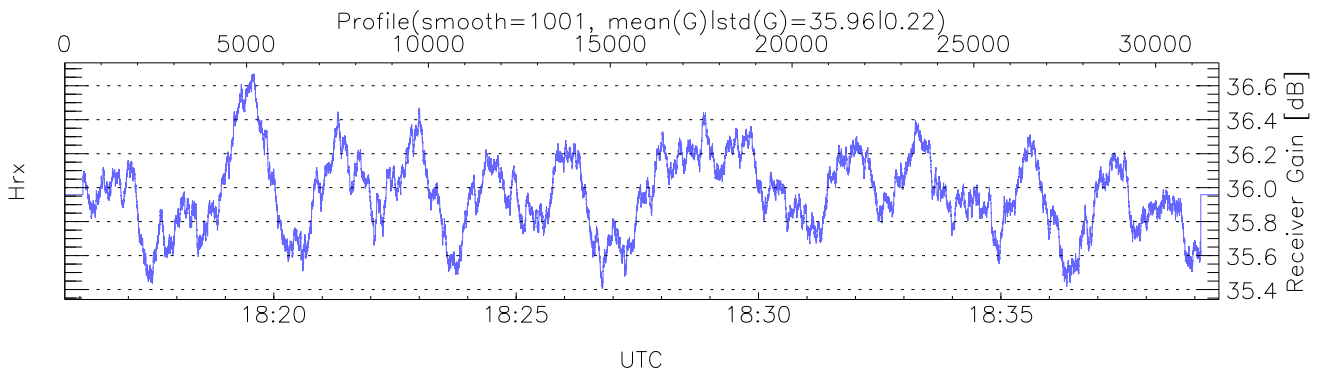
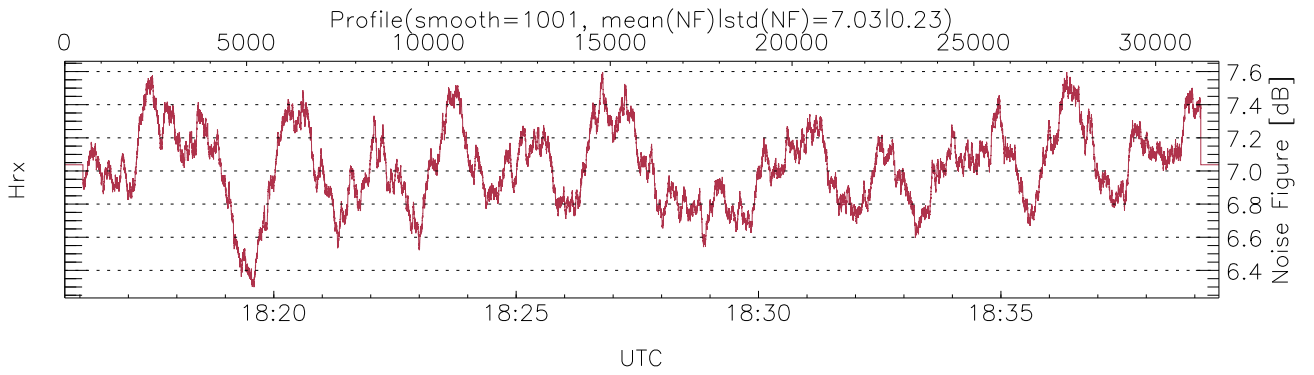
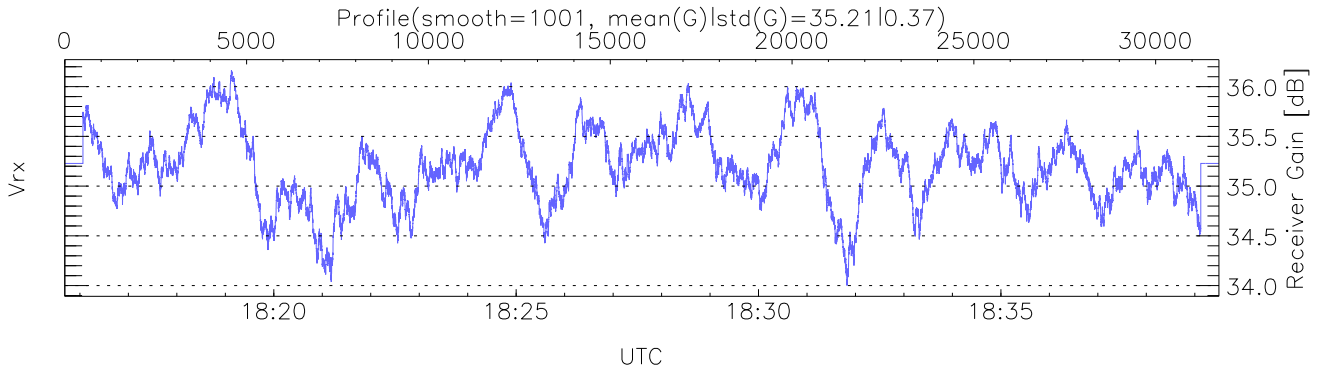
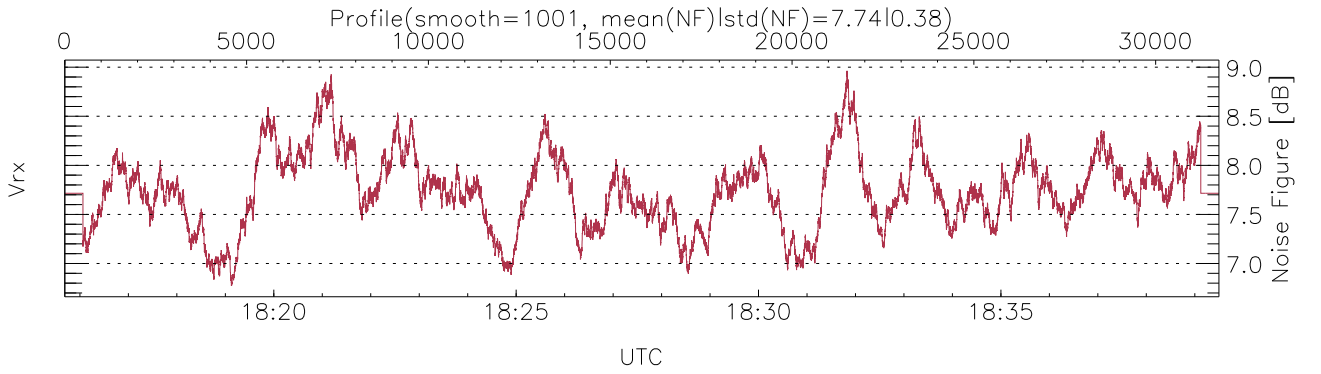
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:15:41-18:39:30, TimeCor: 0.00s, Dur: 1428.66s  
 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): 31741/31741, 0-31740/18:15:41-18:39:30  
 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



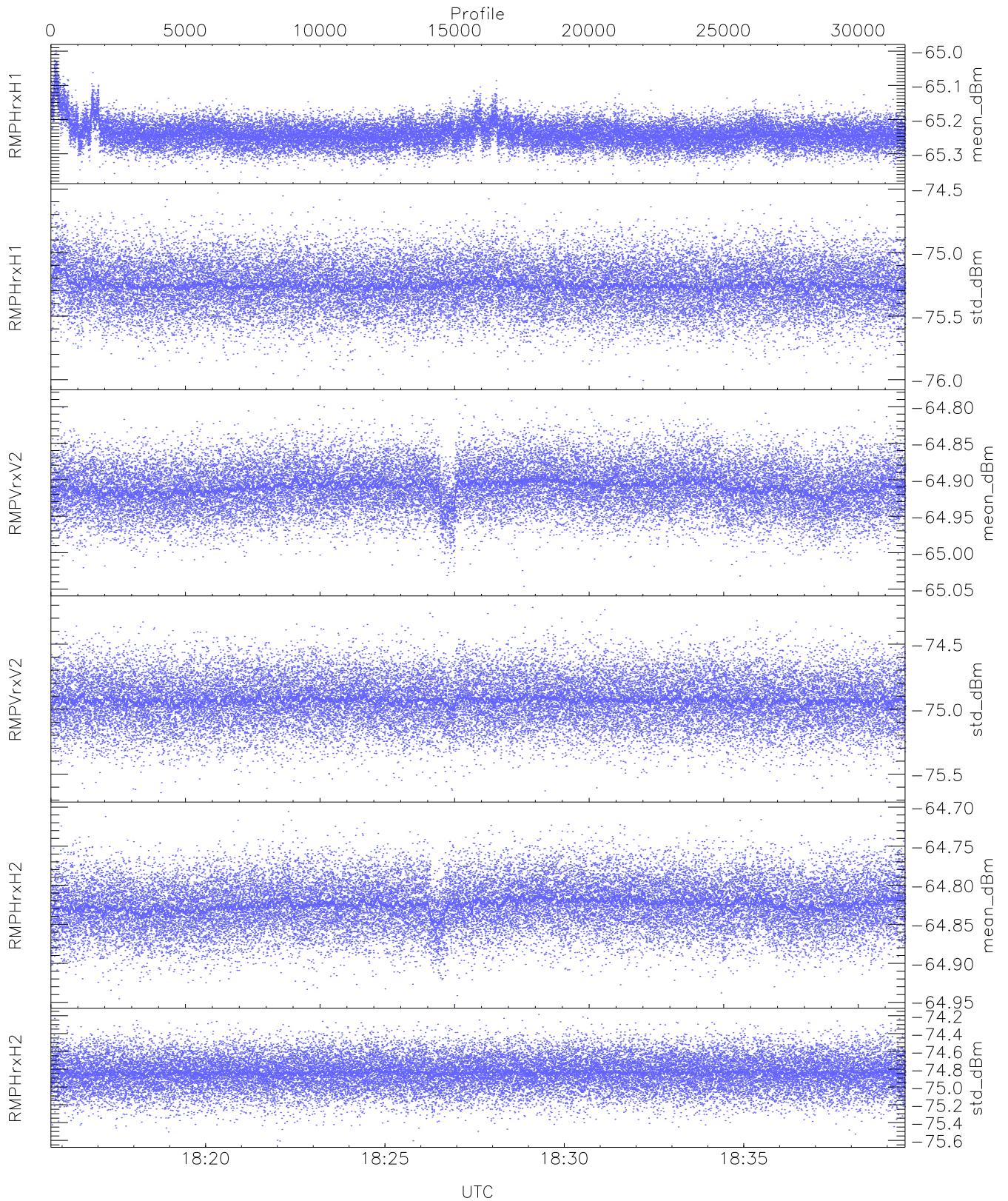
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,27,28,29  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,28,29,30  
 LOalarm(20,240,2817,14861 MHz): 0,0,44,0  
 EIK Faults(# prof affected):  
 DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (45,45,45,22,45,45,45,22)



### WCR3 CPP Receivers Gain and Noise Figure

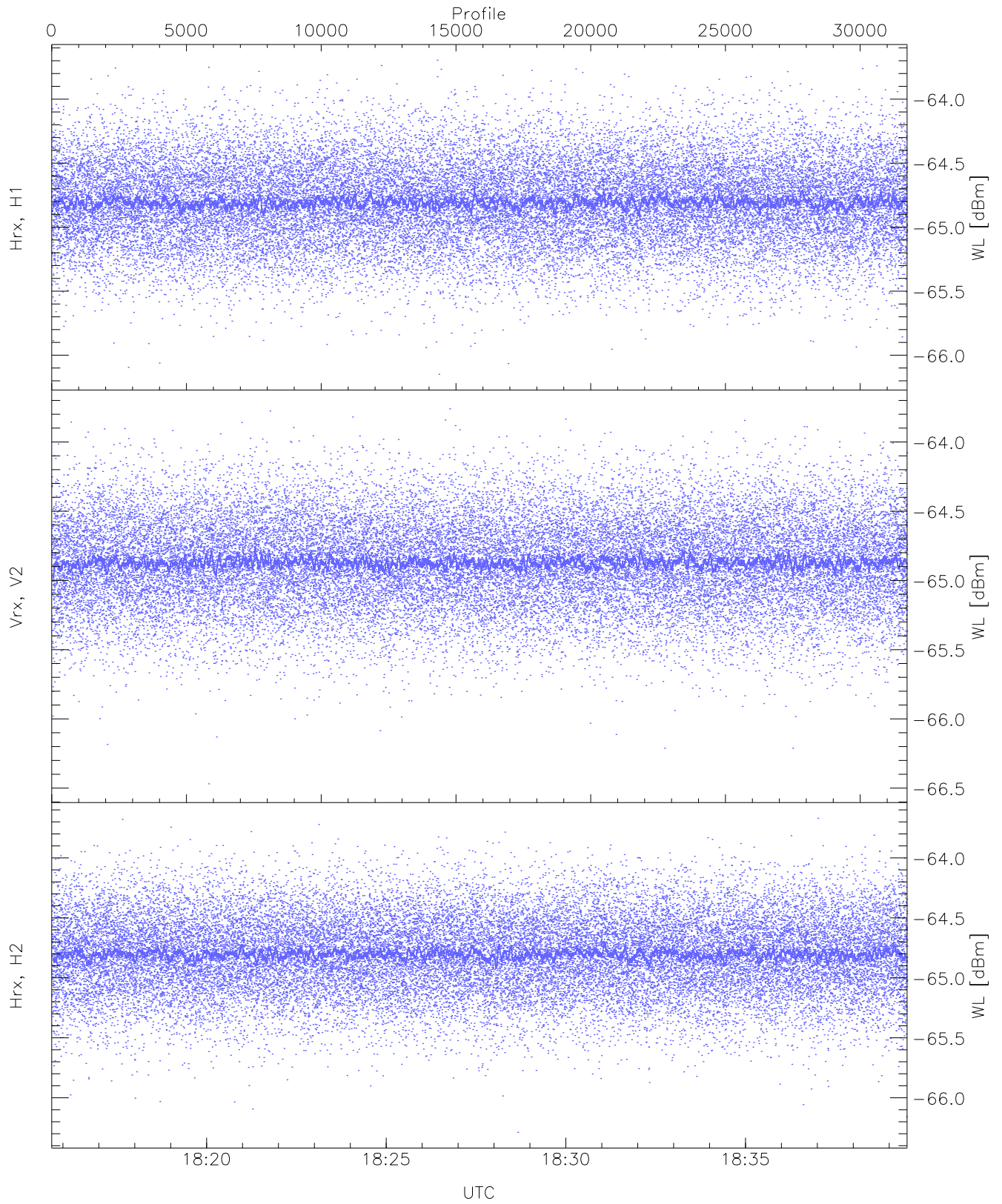
Rx Saturation: 1 pixs, 1 gates, 1 profs, 1 prod(s)



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

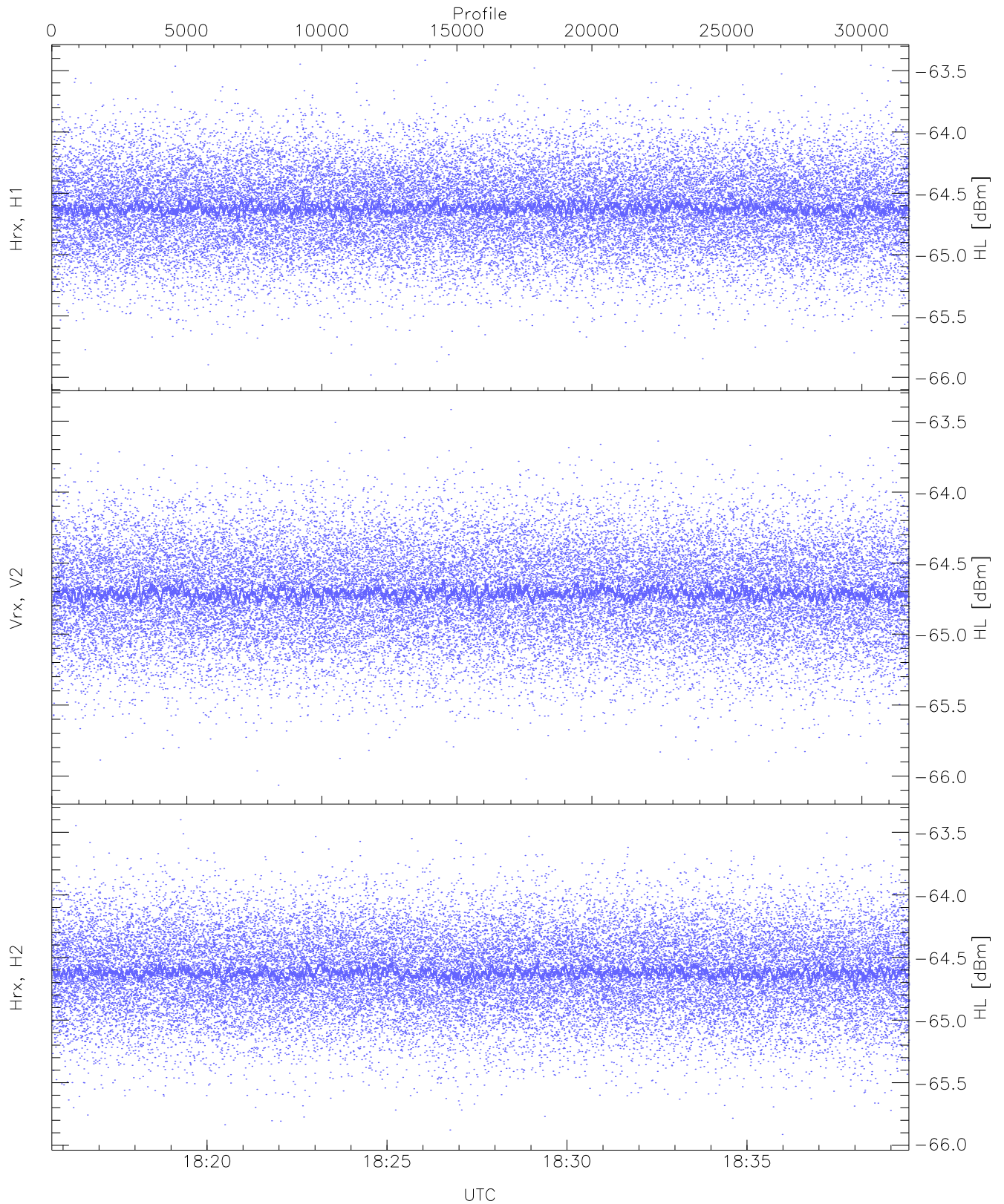
	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.37	-65.00	-65.24	-65.24	-86.08
RMPHrxH1(std_dBm)	-76.01	-74.53	-75.26	-75.26	-88.99
RMPVrxV2(mean_dBm)	-65.05	-64.79	-64.91	-64.91	-86.39
RMPVrxV2(std_dBm)	-75.64	-74.20	-74.93	-74.93	-88.70
RMPHrxH2(mean_dBm)	-64.95	-64.71	-64.83	-64.83	-86.38
RMPHrxH2(std_dBm)	-75.61	-74.19	-74.84	-74.84	-88.63





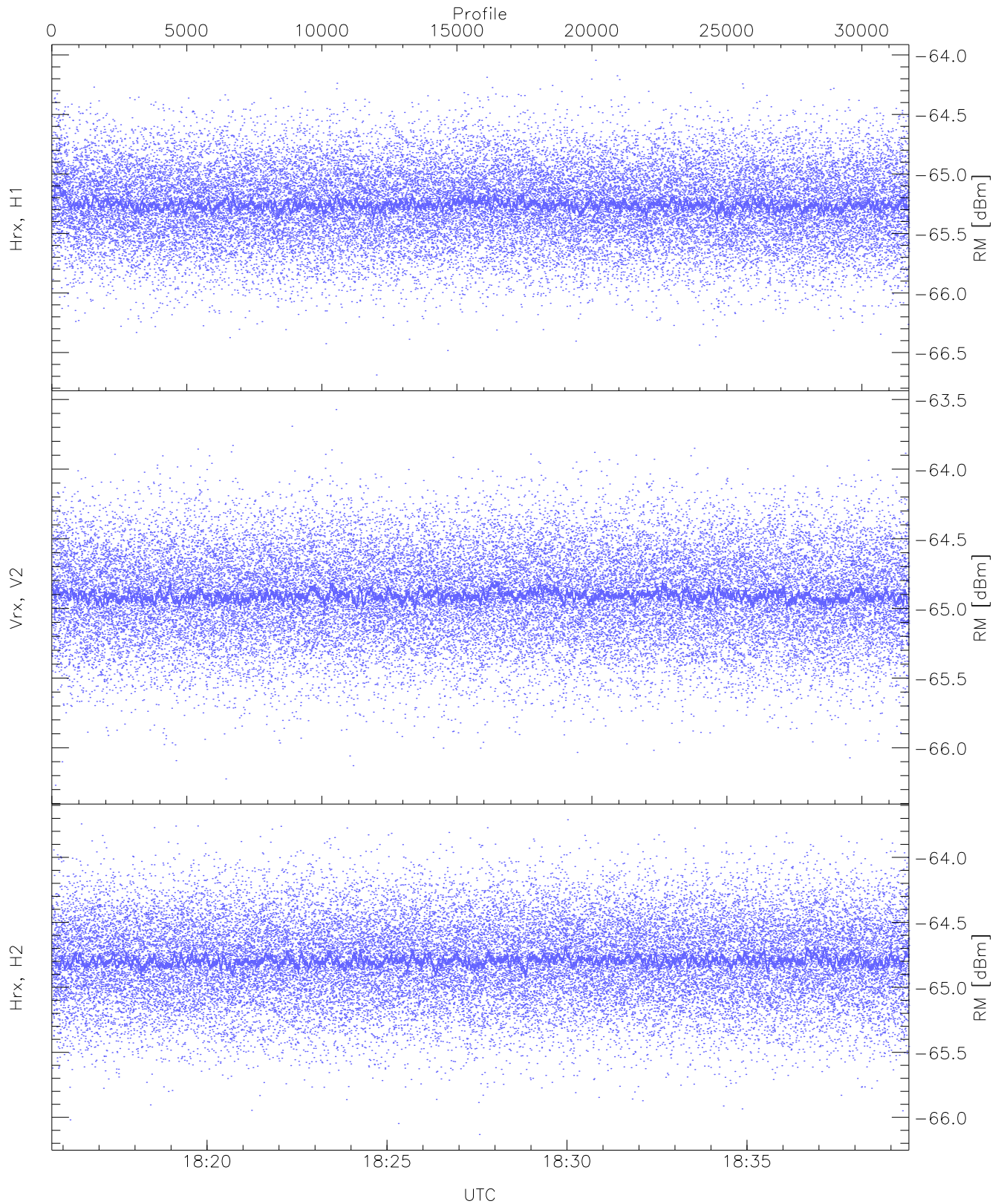
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.15	-63.70	-64.80	-64.81	-76.33
Vrx, V2 (WL [dBm])	-66.47	-63.76	-64.86	-64.87	-76.37
Hrx, H2 (WL [dBm])	-66.29	-63.67	-64.80	-64.80	-76.29



WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

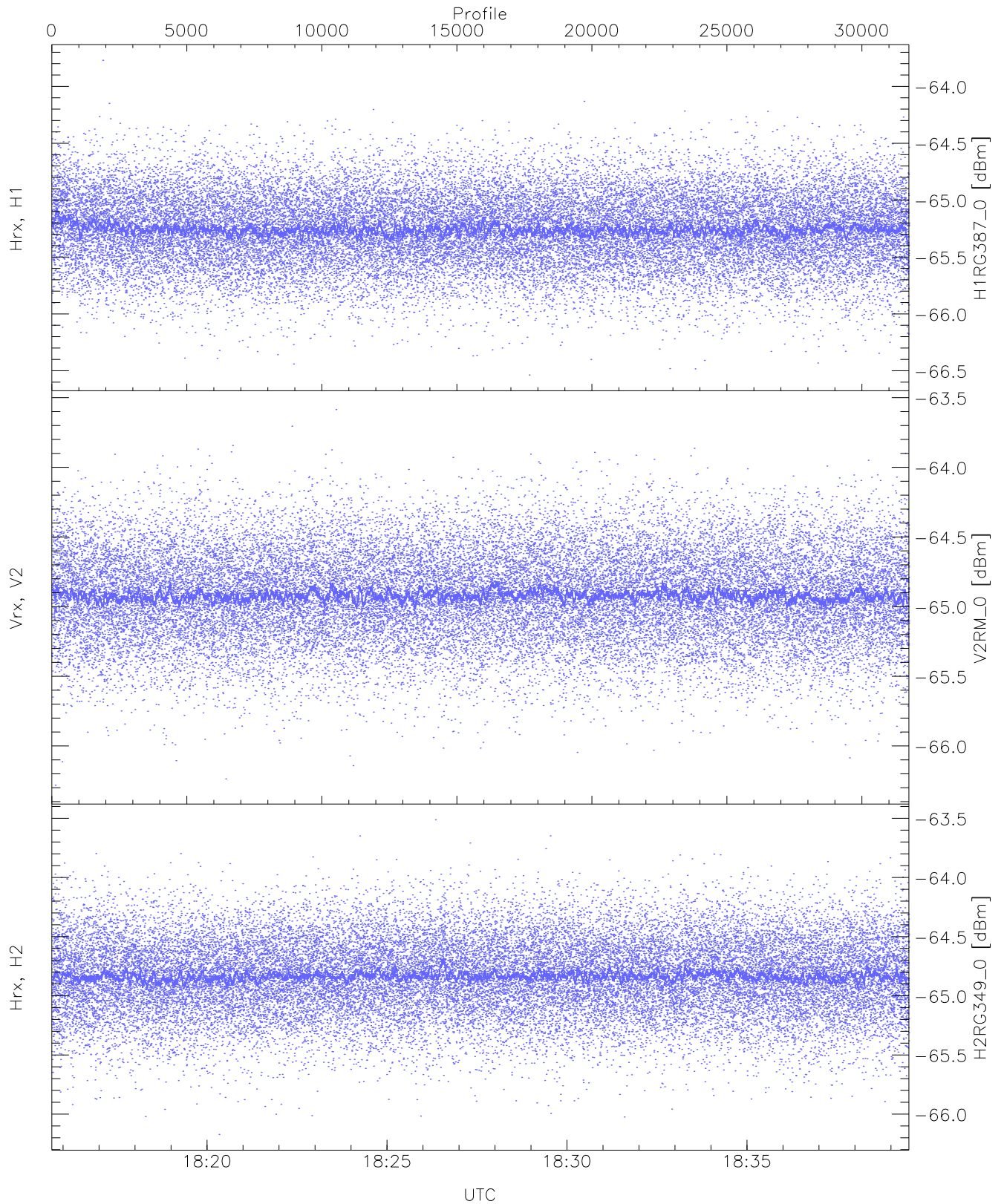
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.98	-63.42	-64.61	-64.62	-76.10
Vrx, V2 (HL [dBm])	-66.06	-63.42	-64.71	-64.71	-76.23
Hrx, H2 (HL [dBm])	-65.91	-63.40	-64.62	-64.62	-76.10



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

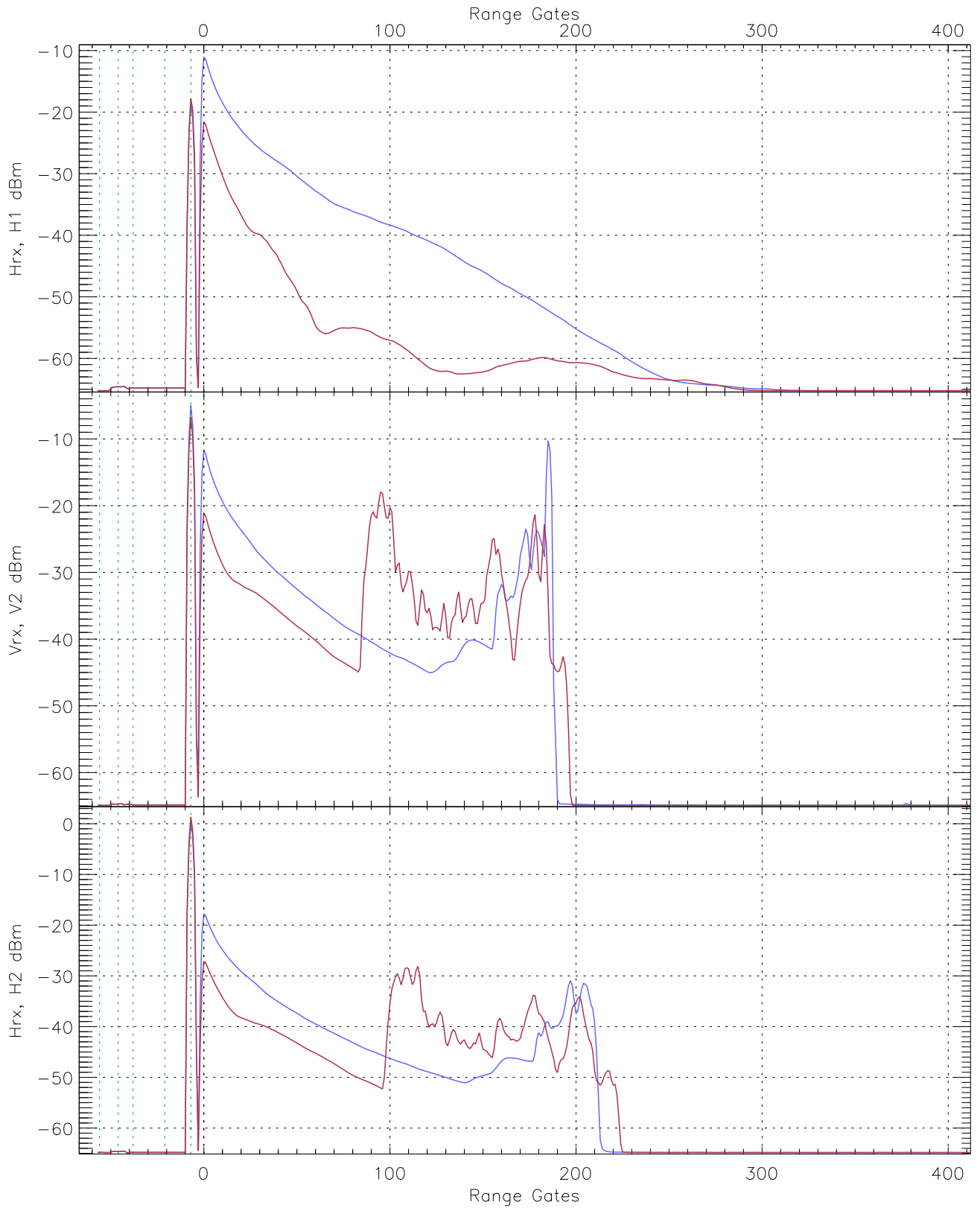
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.69	-64.05	-65.25	-65.26	-76.72
Vrx, V2 (RM [dBm])	-66.27	-63.57	-64.90	-64.91	-76.37
Hrx, H2 (RM [dBm])	-66.13	-63.71	-64.79	-64.79	-76.27





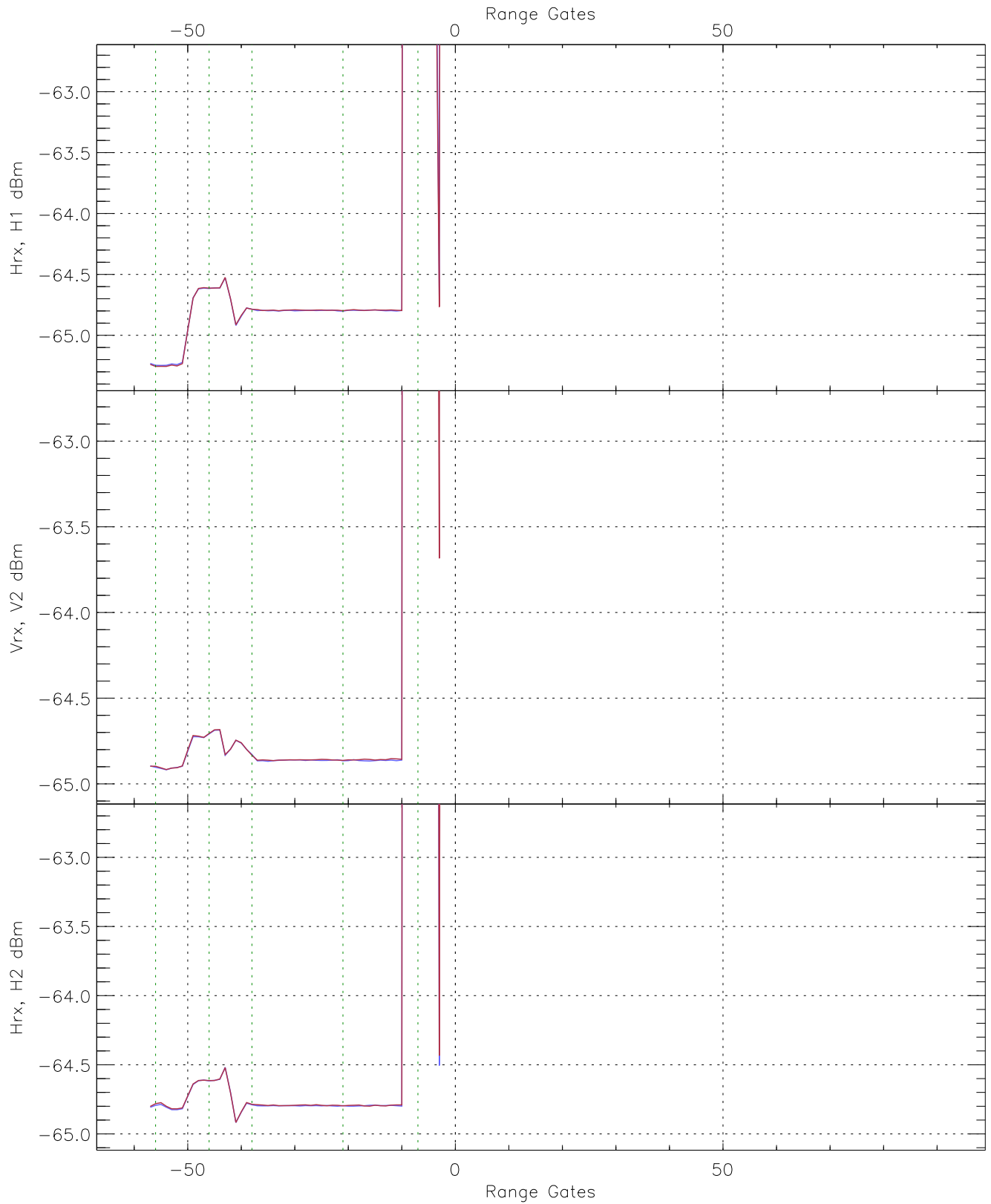
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG387_0 [dBm]	-66.54	-63.77	-65.25	-65.26	-76.74
V2RM_0 [dBm]	-66.28	-63.59	-64.91	-64.92	-76.38
H2RG349_0 [dBm]	-66.17	-63.51	-64.83	-64.84	-76.32

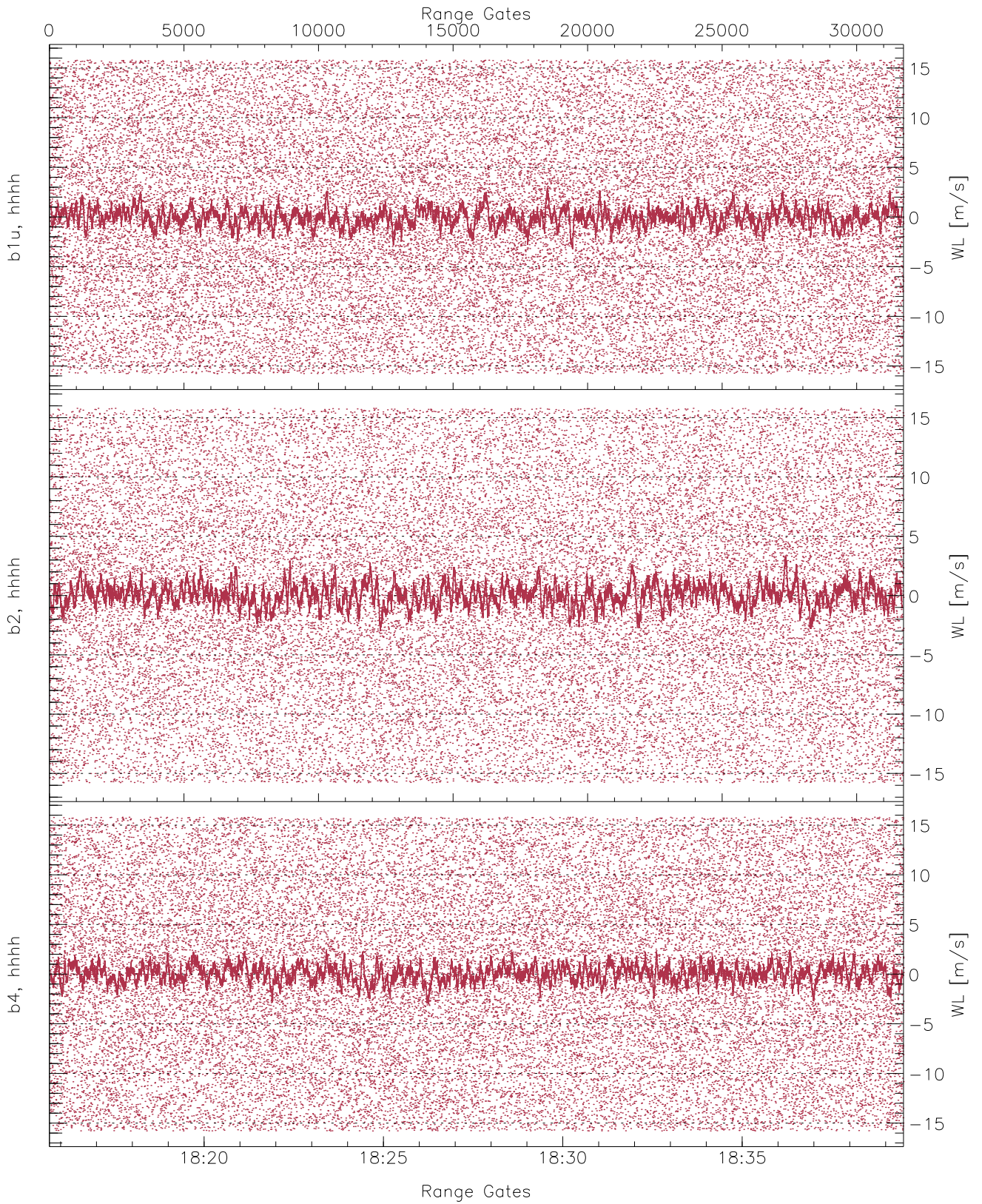


WCR3 CPP Averaged Received power for all recorded gates  
blue: 181541-182736, 15871 profiles averaged  
red: 182736-183930, 15871 profiles averaged

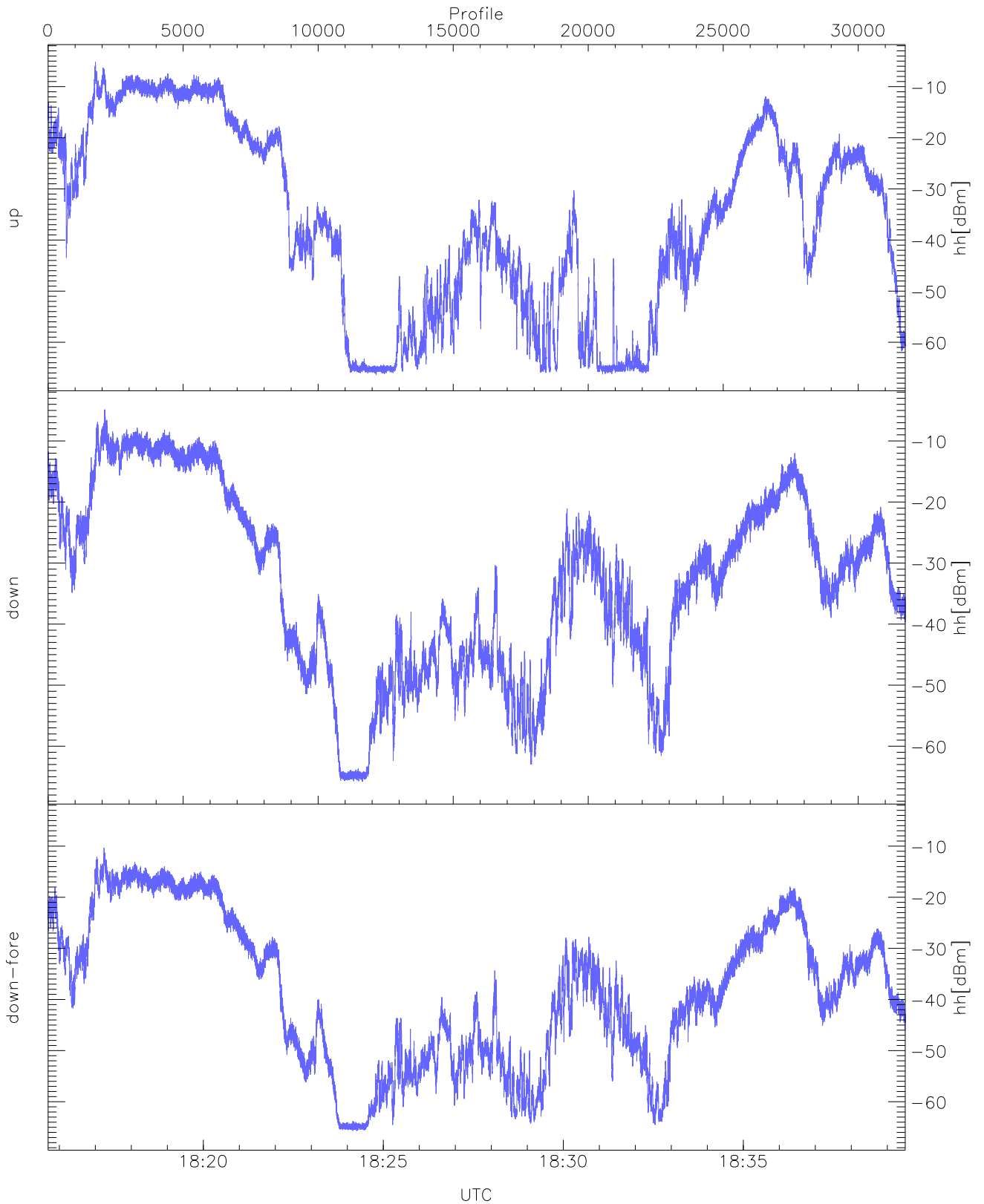




WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 181541-182736, 15871 profiles averaged  
red: 182736-183930, 15871 profiles averaged

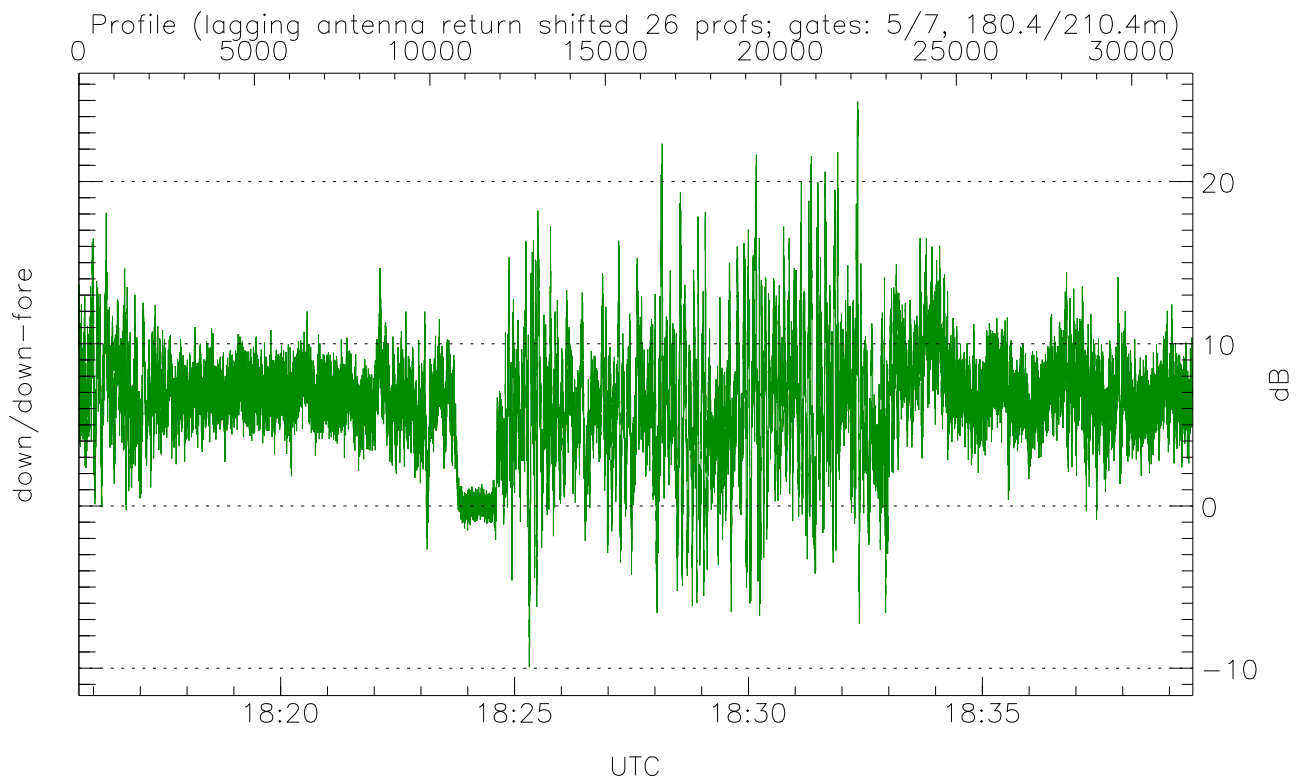
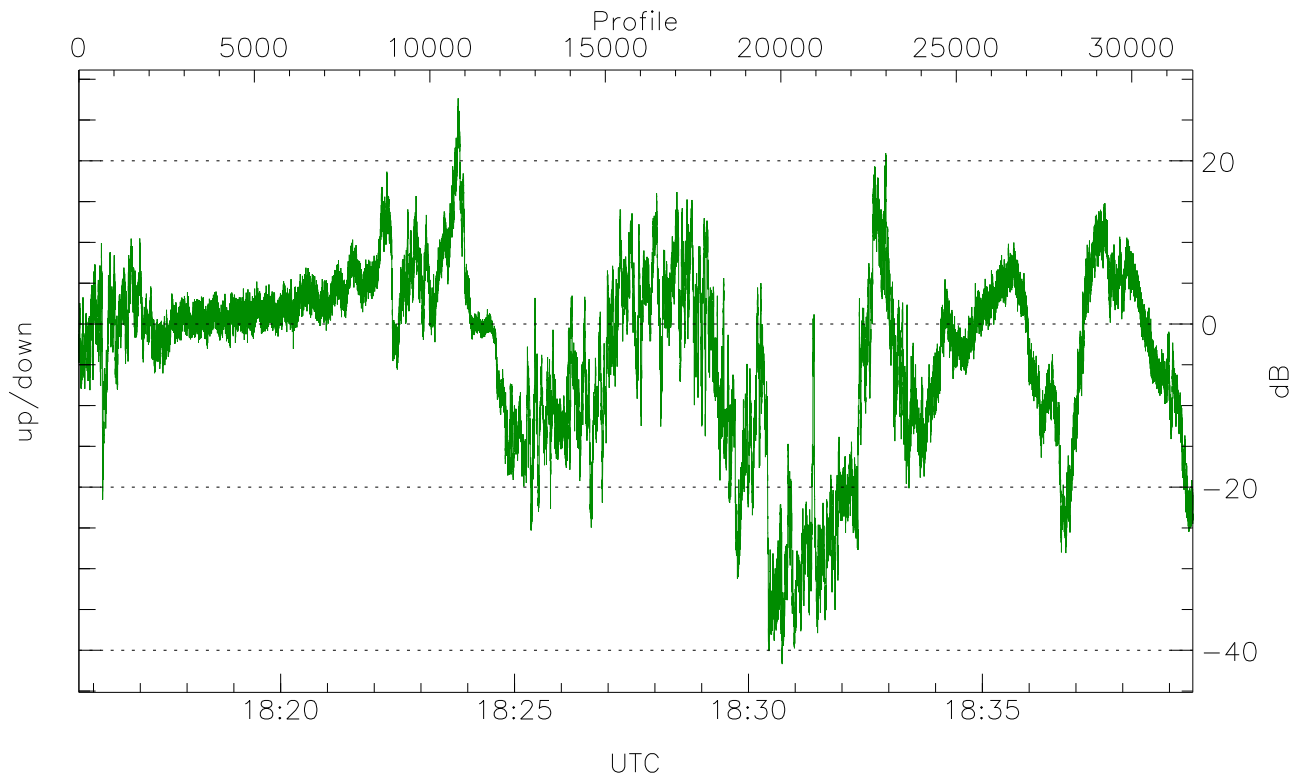


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



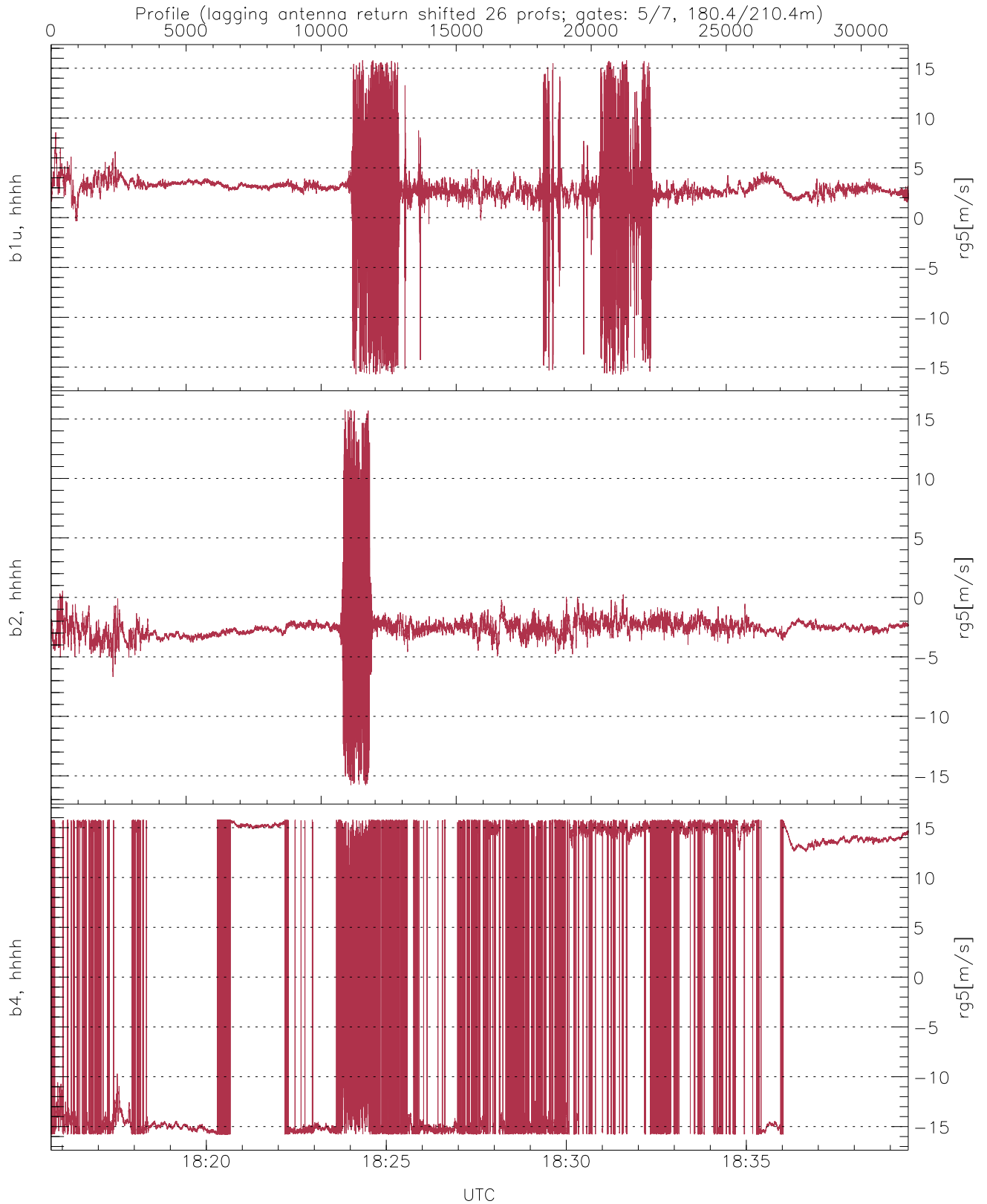
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.40	-5.18	-17.85
down(hh[dBm])	-65.82	-4.85	-18.64
down-fore(hh[dBm])	-65.72	-10.33	-24.22



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

	Min	Max	Mean
up/down (dB)	-41.69	27.66	-3.30
down/down-fore (dB)	-9.94	24.93	6.47



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.74	15.79	2.70	2.64
b2, hhhh(rg5[m/s])	-15.78	15.79	-2.55	1.53
b4, hhhh(rg5[m/s])	-15.79	15.79	-0.21	14.75