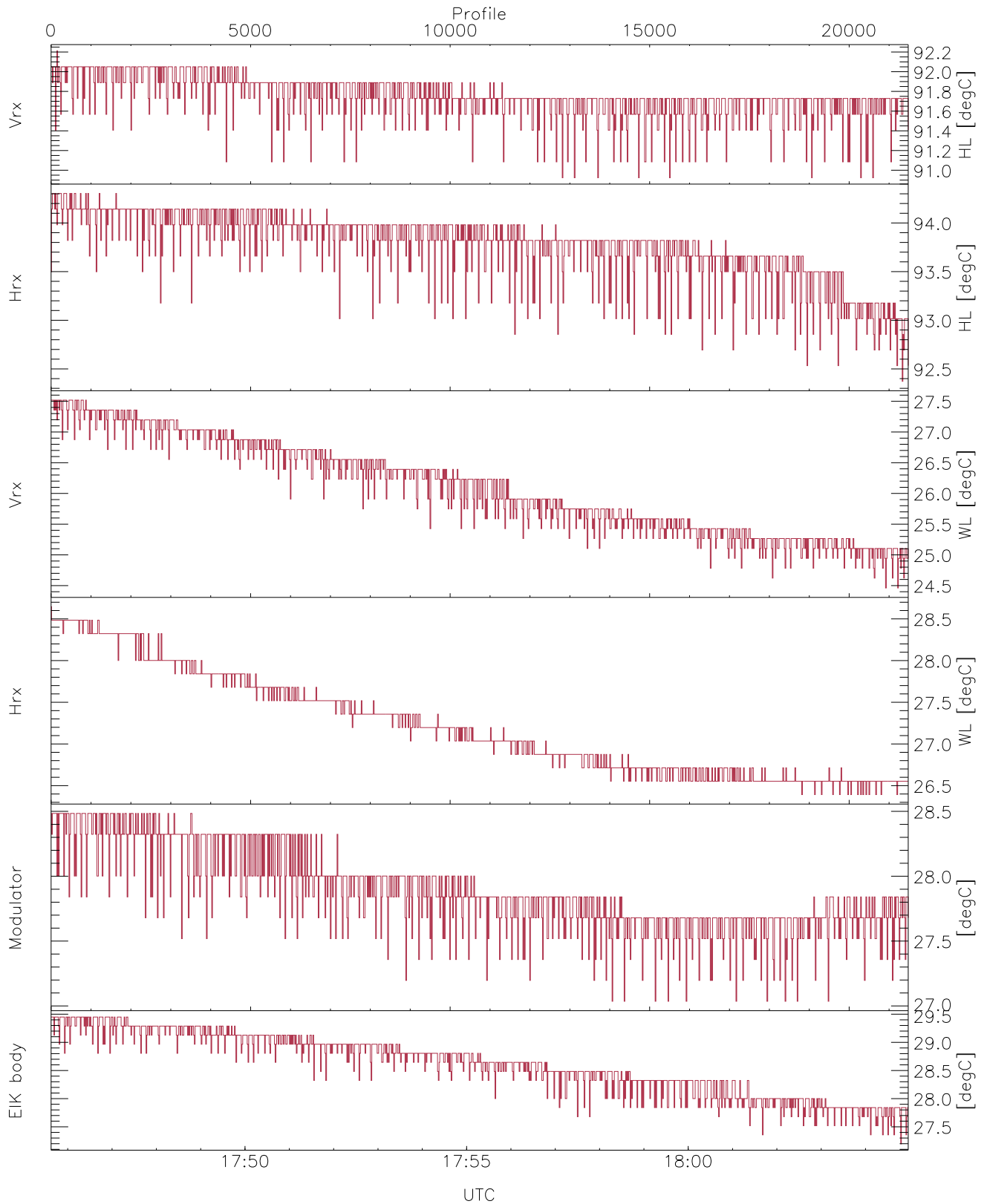


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

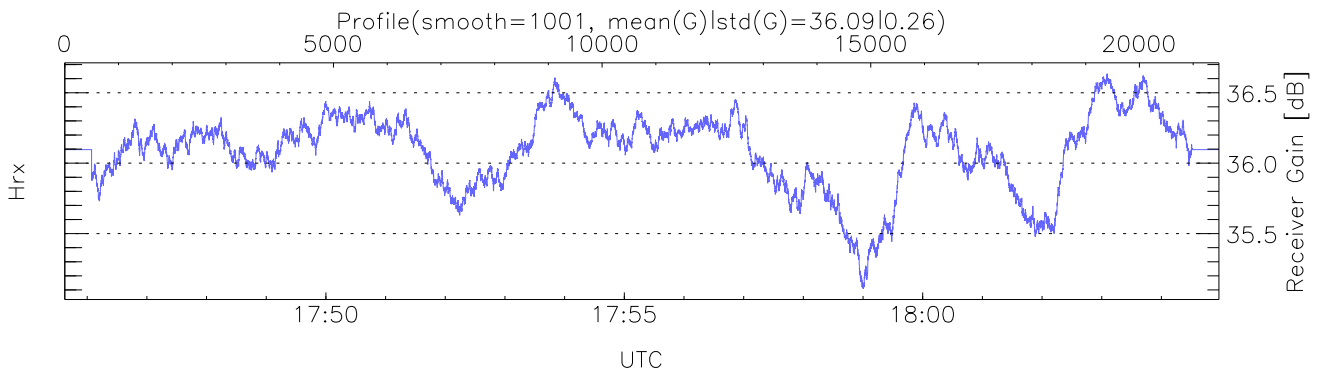
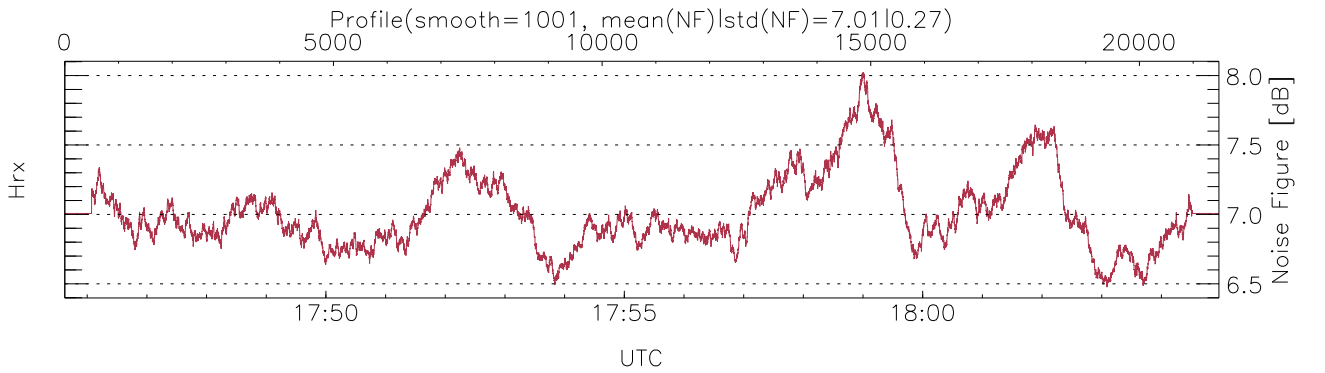
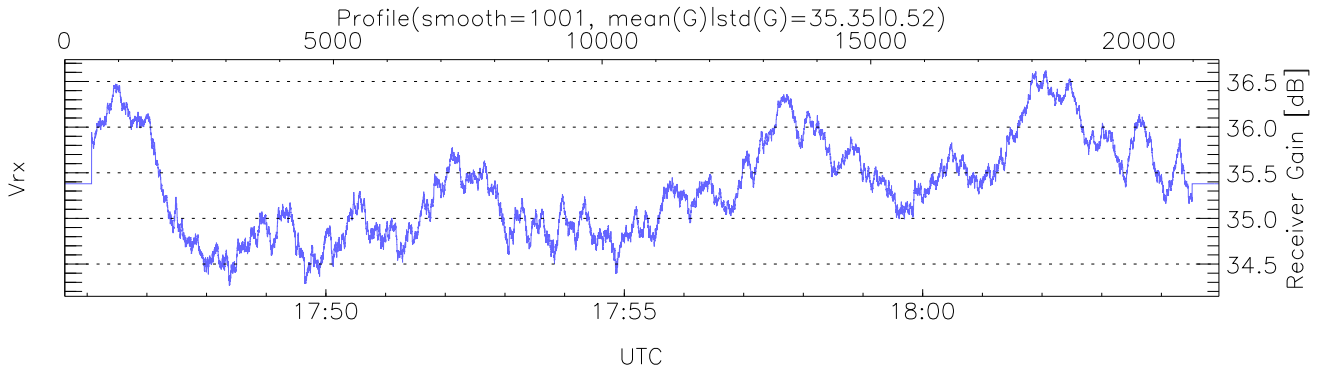
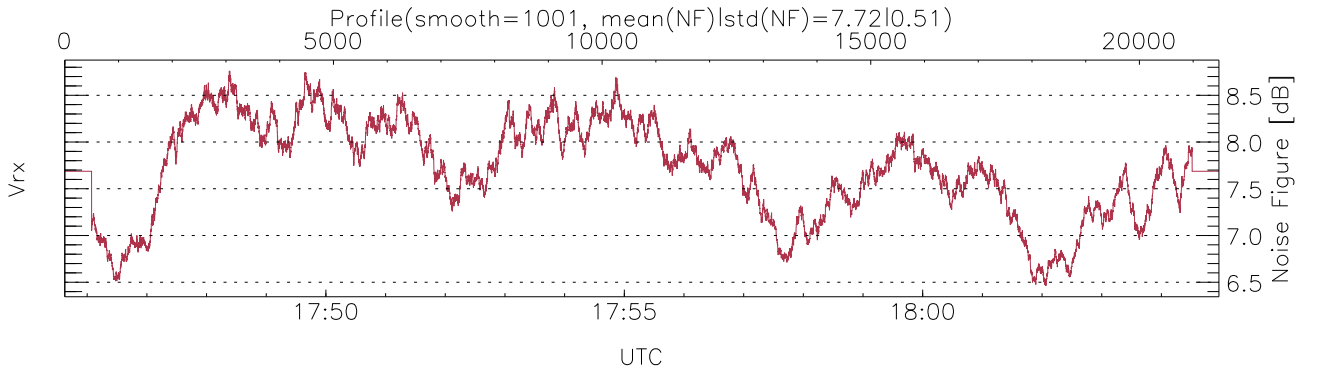
UTC: 17:45:37-18:04:58, TimeCor: 0.00s, Dur: 1160.40s  
 TimeFlg: 1, TFPstatus constant.  
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 18.5,18.5,18.5  
 NumRec(r/t): 21481/21481, 0-21480/17:45:37-18:04:58  
 AcqTime: 54.0ms, Rate: 0.493MB/s, Averages (req.,actual): 100,100  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2  
 PRF: 16.7 16.7 16.7 16.7 16.7 16.7 16.7 16.7 KHz, IGS: 60us  
 Range(min,max,rqs): 105, 7789, 15.0 m, Gates: 513, Aspect: 3.1  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



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

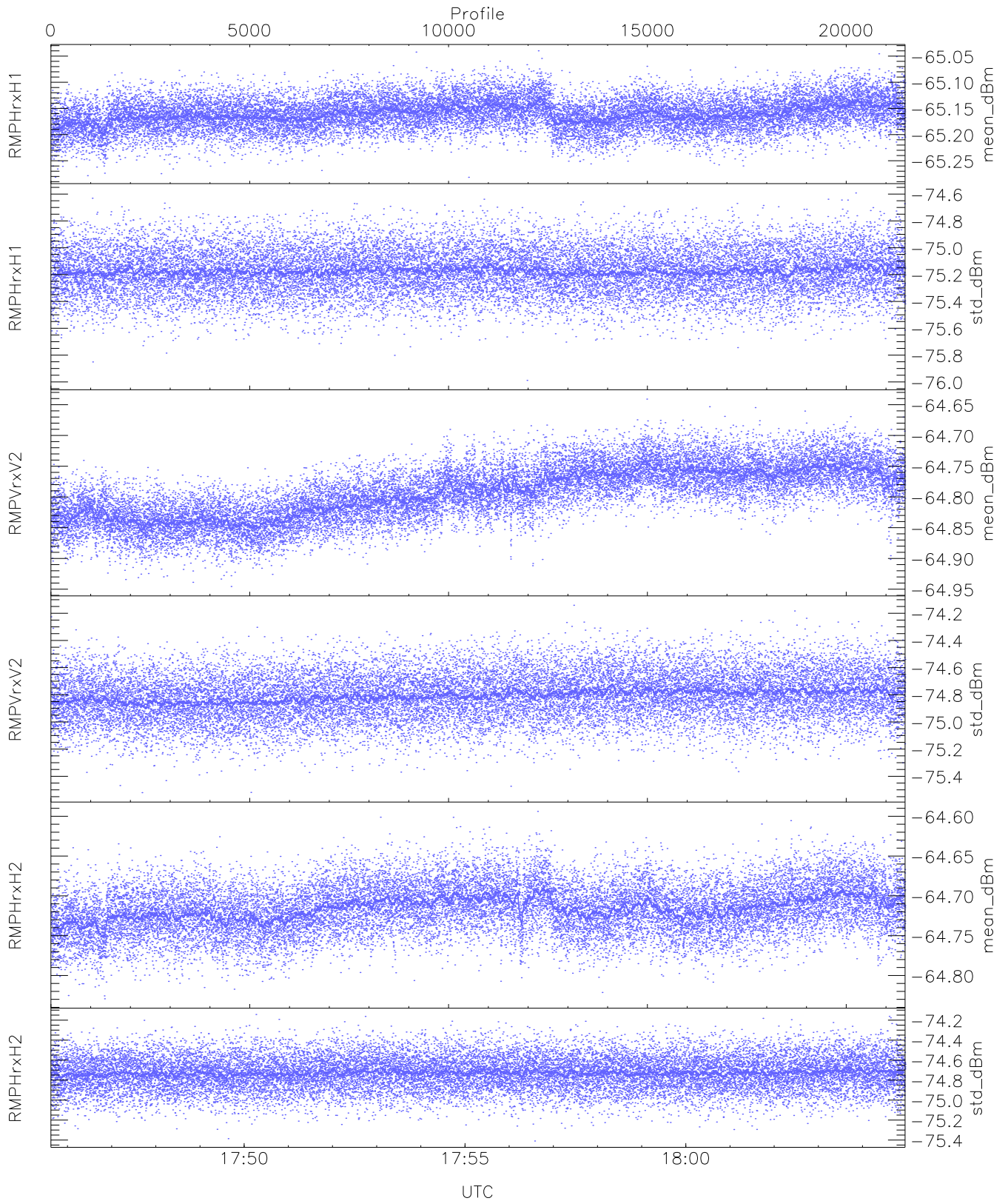
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,26,27,27`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,27,28,28,29`  
`LOalarm(20,240,2817,14861 MHz): None`

`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (56,56,56,56,56,56,56)`



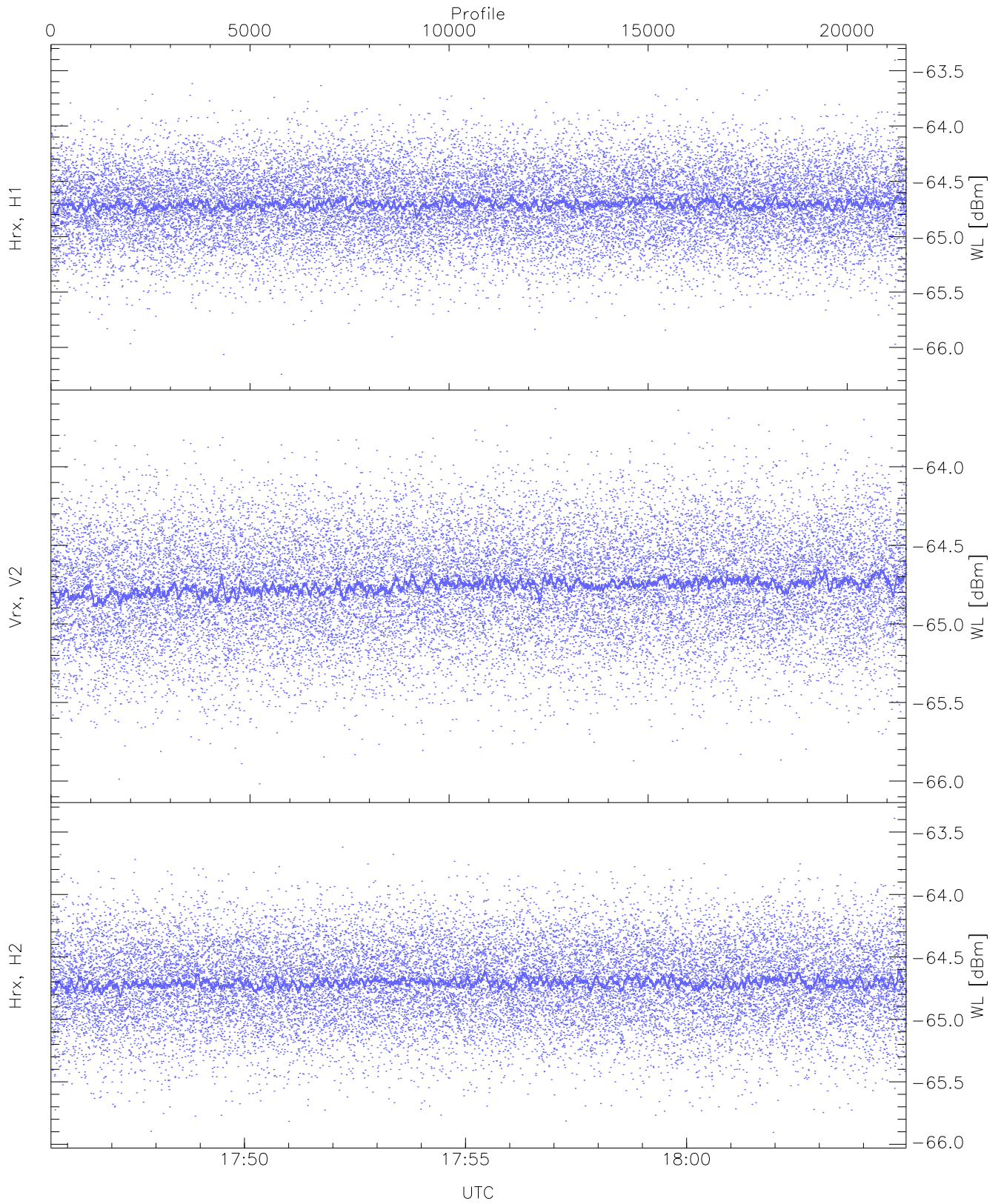
### WCR3 CPP Receivers Gain and Noise Figure

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



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

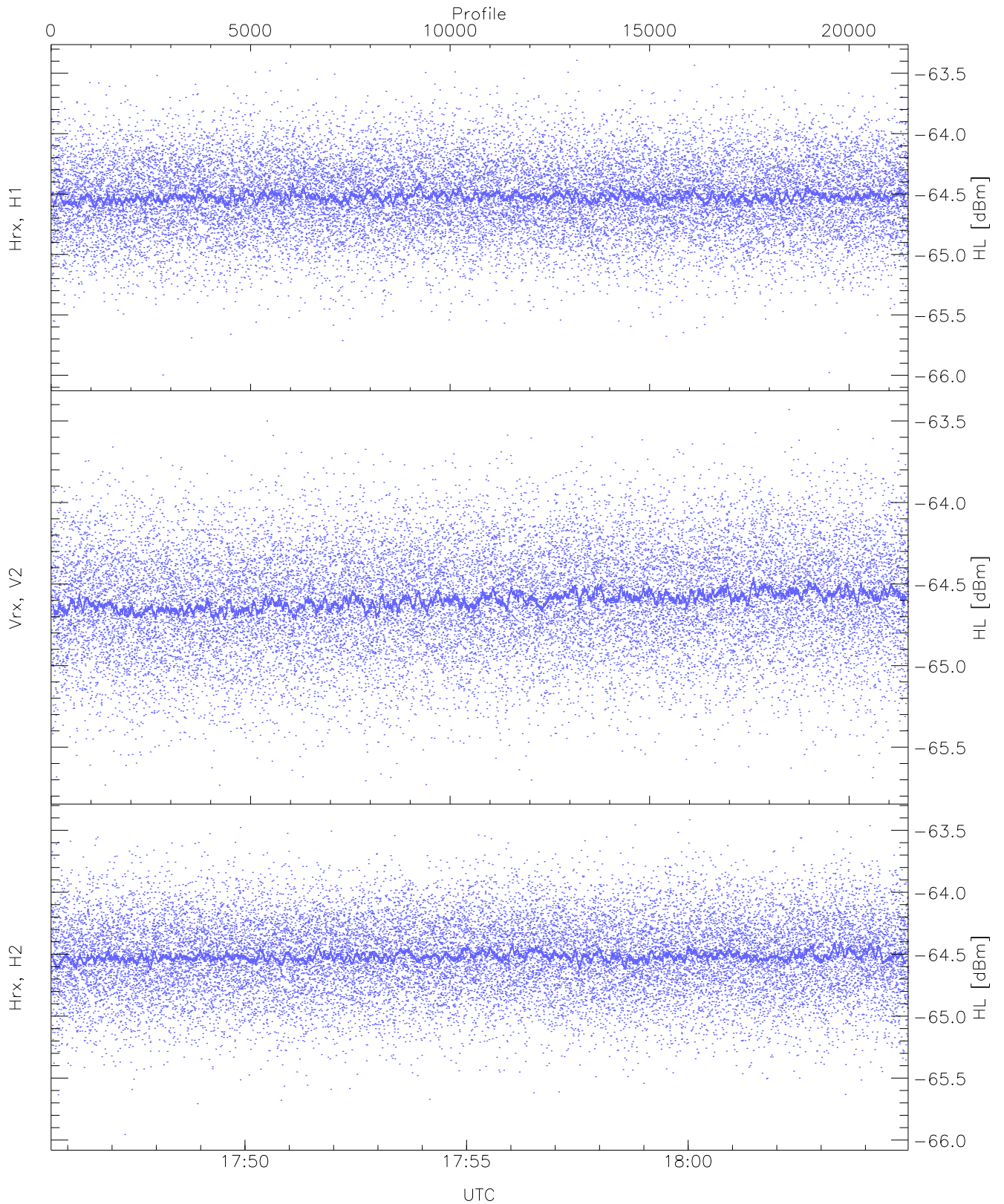
	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.28	-65.04	-65.16	-65.16	-86.85
RMPHrxH1 (std_dBm)	-75.99	-74.59	-75.17	-75.18	-89.42
RMPVrxV2 (mean_dBm)	-64.95	-64.64	-64.79	-64.79	-84.73
RMPVrxV2 (std_dBm)	-75.52	-74.14	-74.81	-74.81	-88.97
RMPHrxH2 (mean_dBm)	-64.83	-64.59	-64.72	-64.72	-86.36
RMPHrxH2 (std_dBm)	-75.41	-74.14	-74.73	-74.73	-89.02



WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

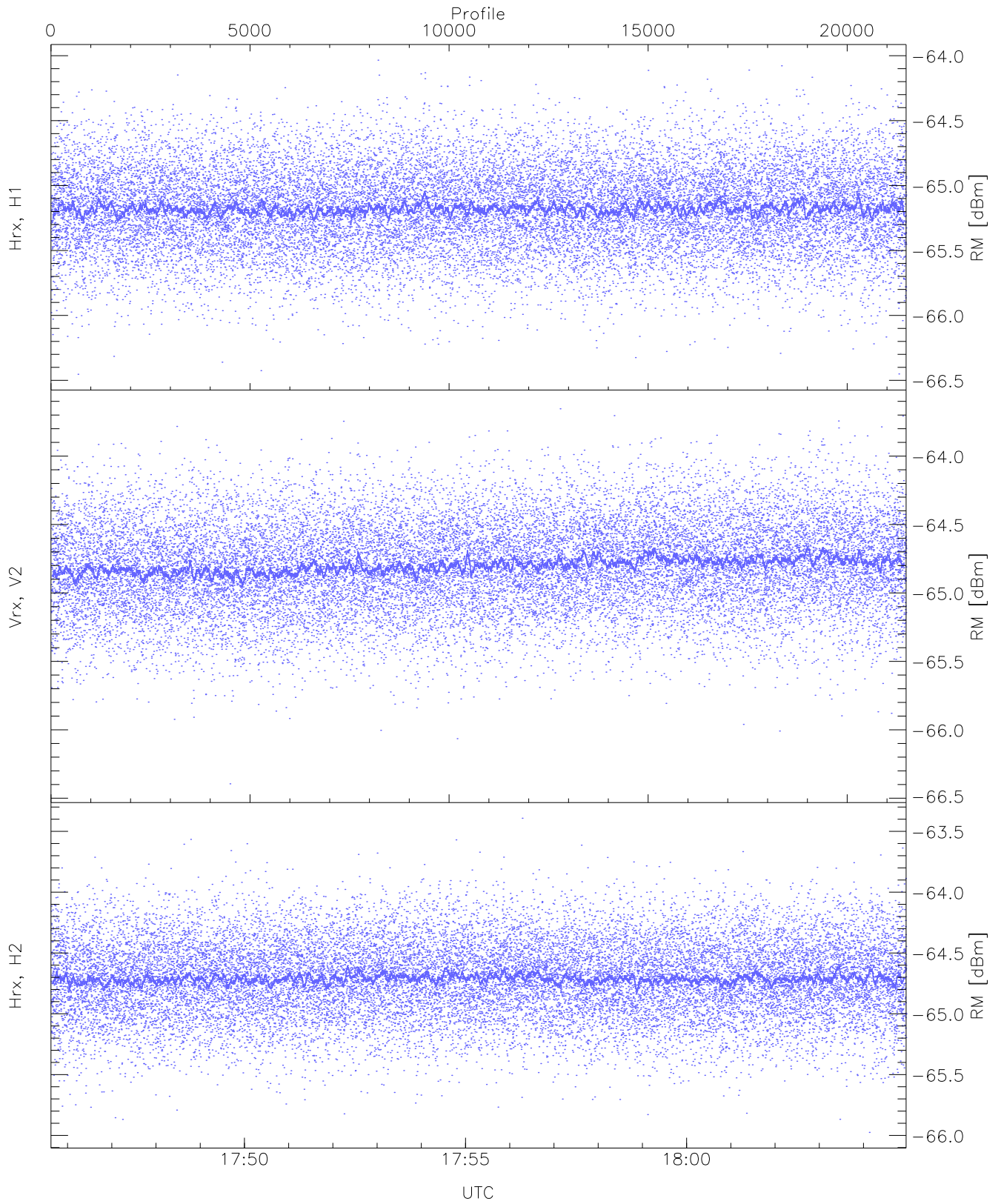
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.24	-63.41	-64.70	-64.70	-76.18
Vrx, V2 (WL [dBm])	-66.02	-63.63	-64.75	-64.76	-76.22
Hrx, H2 (WL [dBm])	-65.90	-63.39	-64.70	-64.70	-76.22





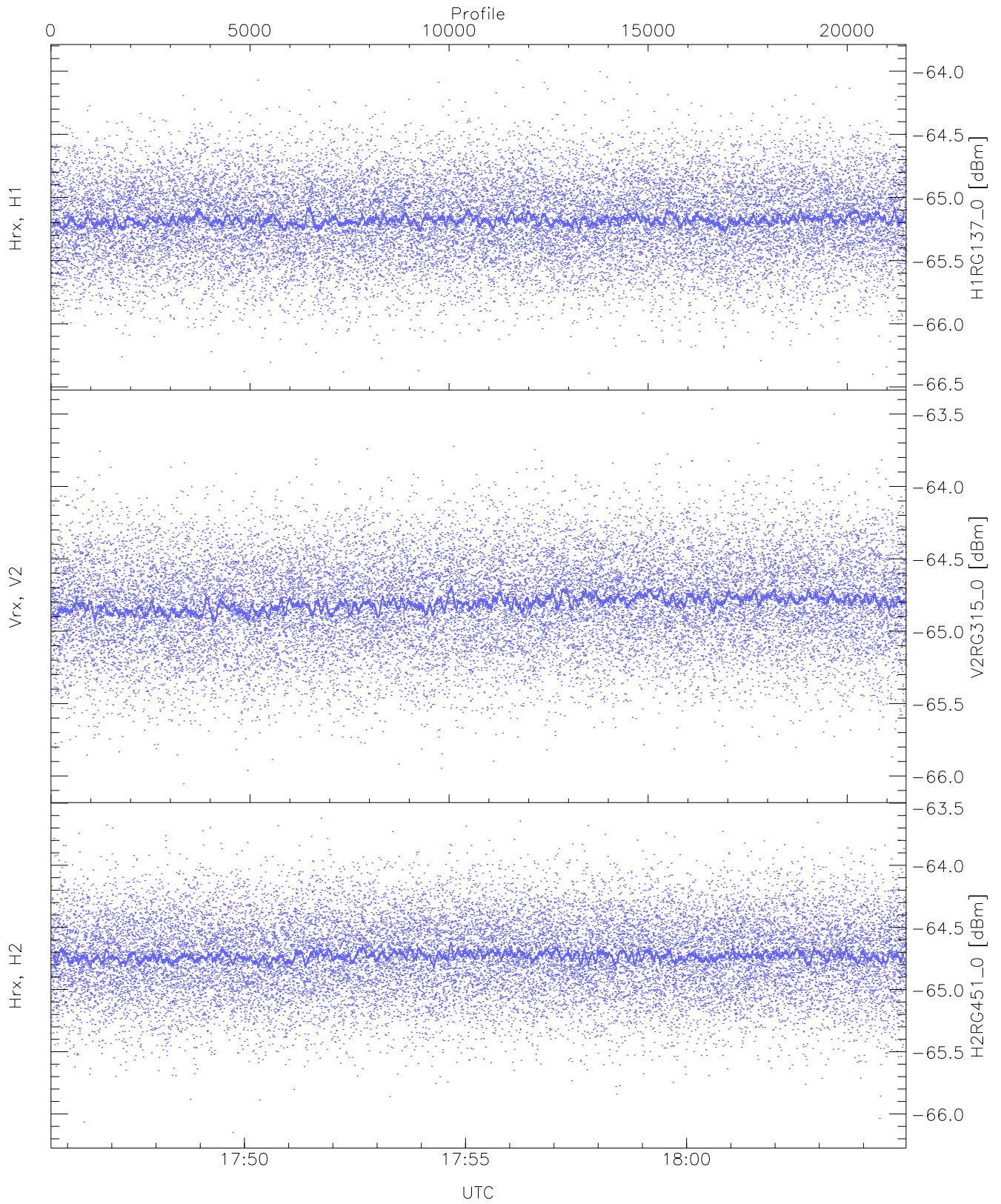
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.00	-63.39	-64.52	-64.52	-76.06
Vrx, V2 (HL [dBm])	-65.73	-63.43	-64.59	-64.60	-76.07
Hrx, H2 (HL [dBm])	-65.95	-63.41	-64.51	-64.52	-76.02



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

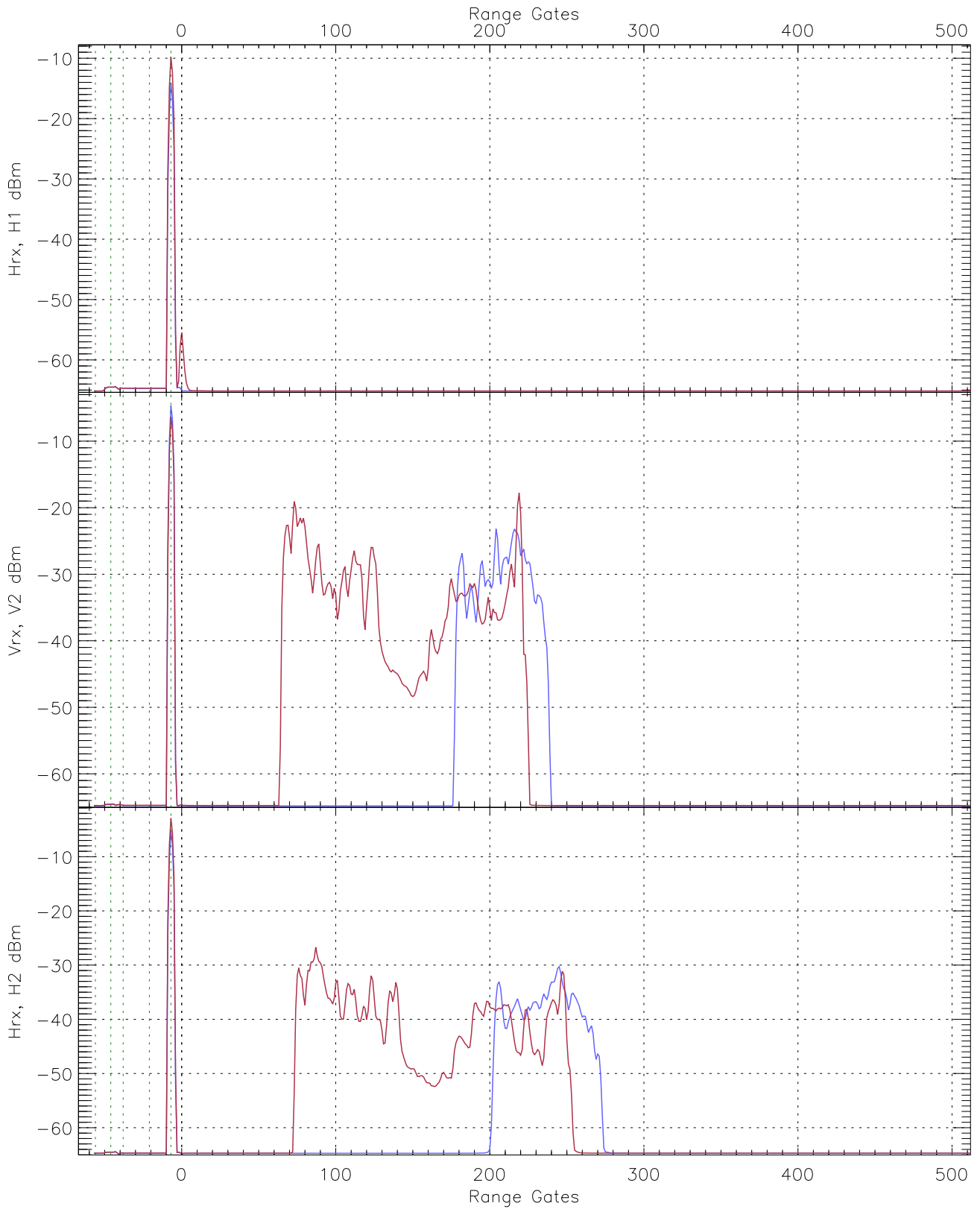
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.45	-64.03	-65.17	-65.18	-76.67
Vrx, V2 (RM [dBm])	-66.39	-63.65	-64.79	-64.80	-76.25
Hrx, H2 (RM [dBm])	-65.98	-63.39	-64.70	-64.71	-76.24



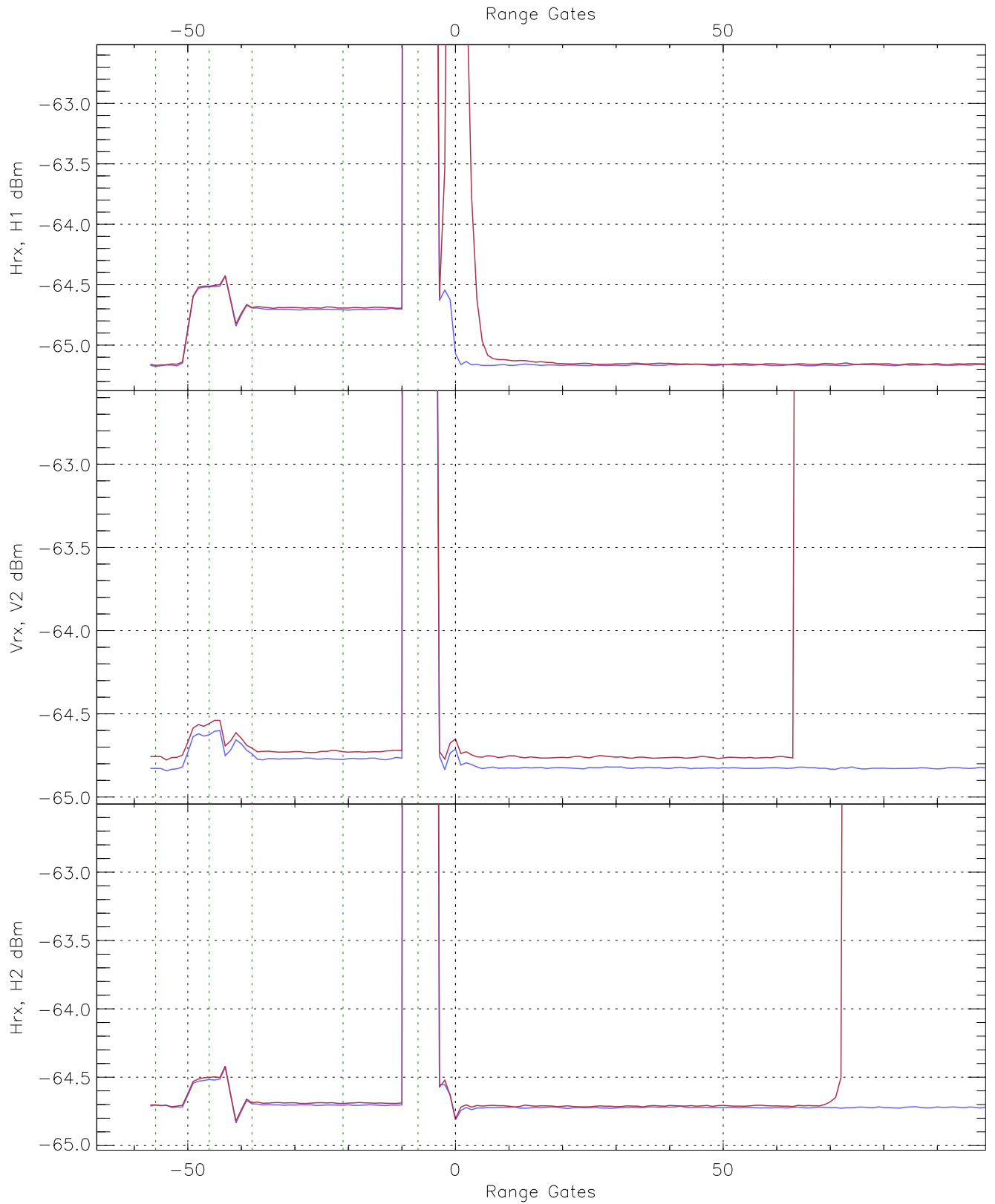
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG137_0 [dBm]	-66.40	-63.91	-65.17	-65.18	-76.67
V2RG315_0 [dBm]	-66.05	-63.46	-64.80	-64.81	-76.29
H2RG451_0 [dBm]	-66.15	-63.62	-64.72	-64.73	-76.23

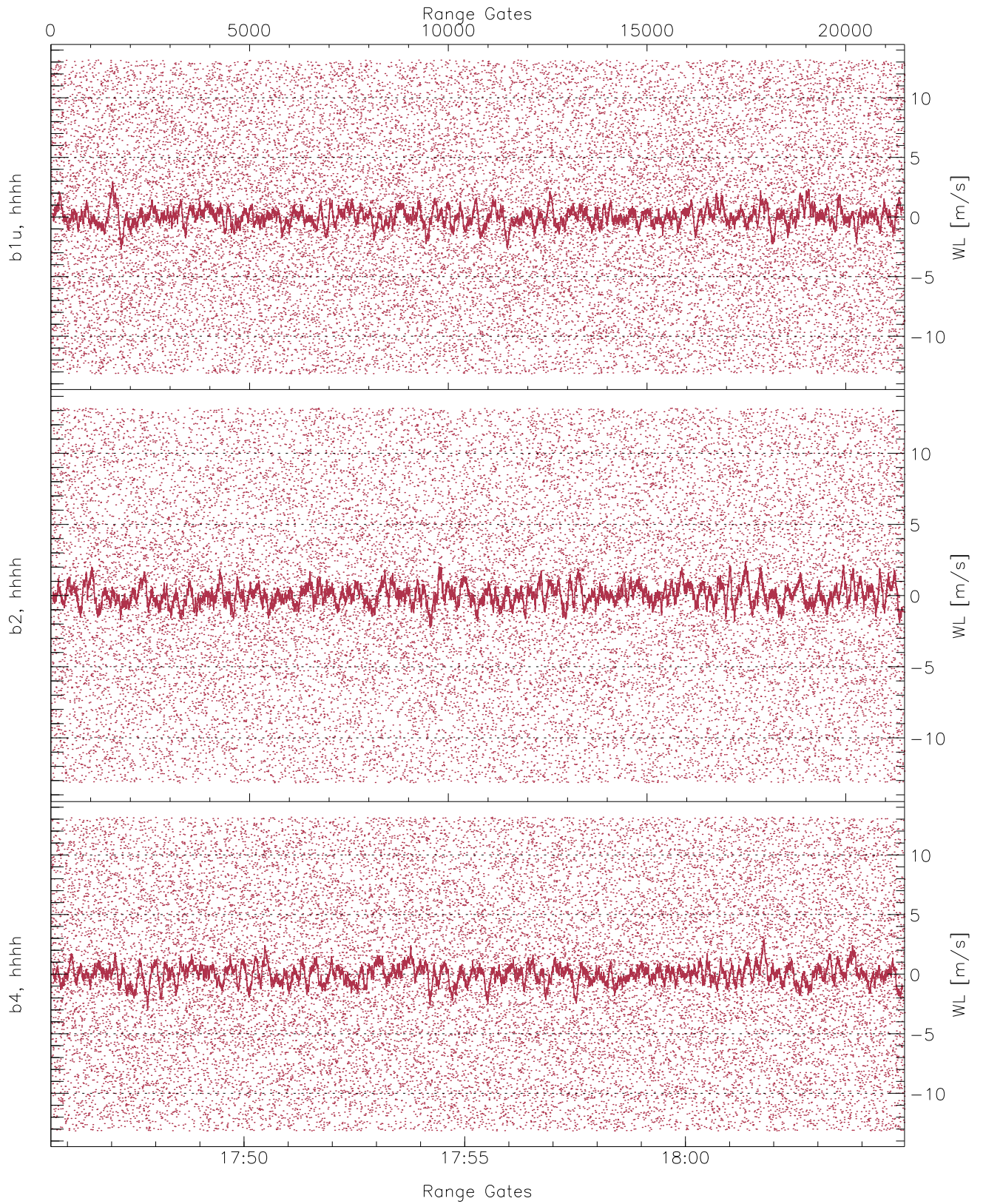




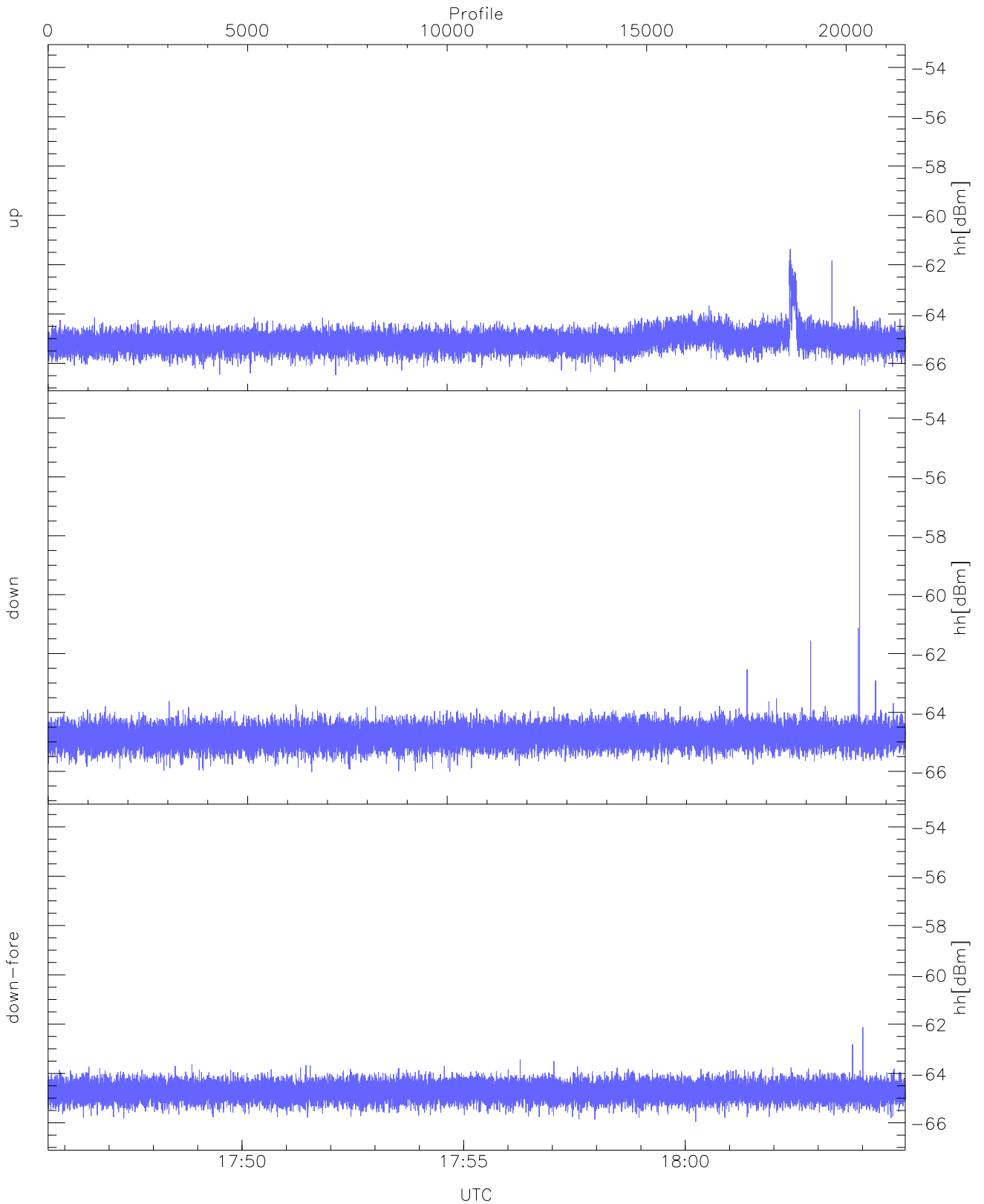
WCR3 CPP Averaged Received power for all recorded gates  
blue: 174537-175518, 10741 profiles averaged  
red: 175518-180458, 10741 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 174537-175518, 10741 profiles averaged  
red: 175518-180458, 10741 profiles averaged



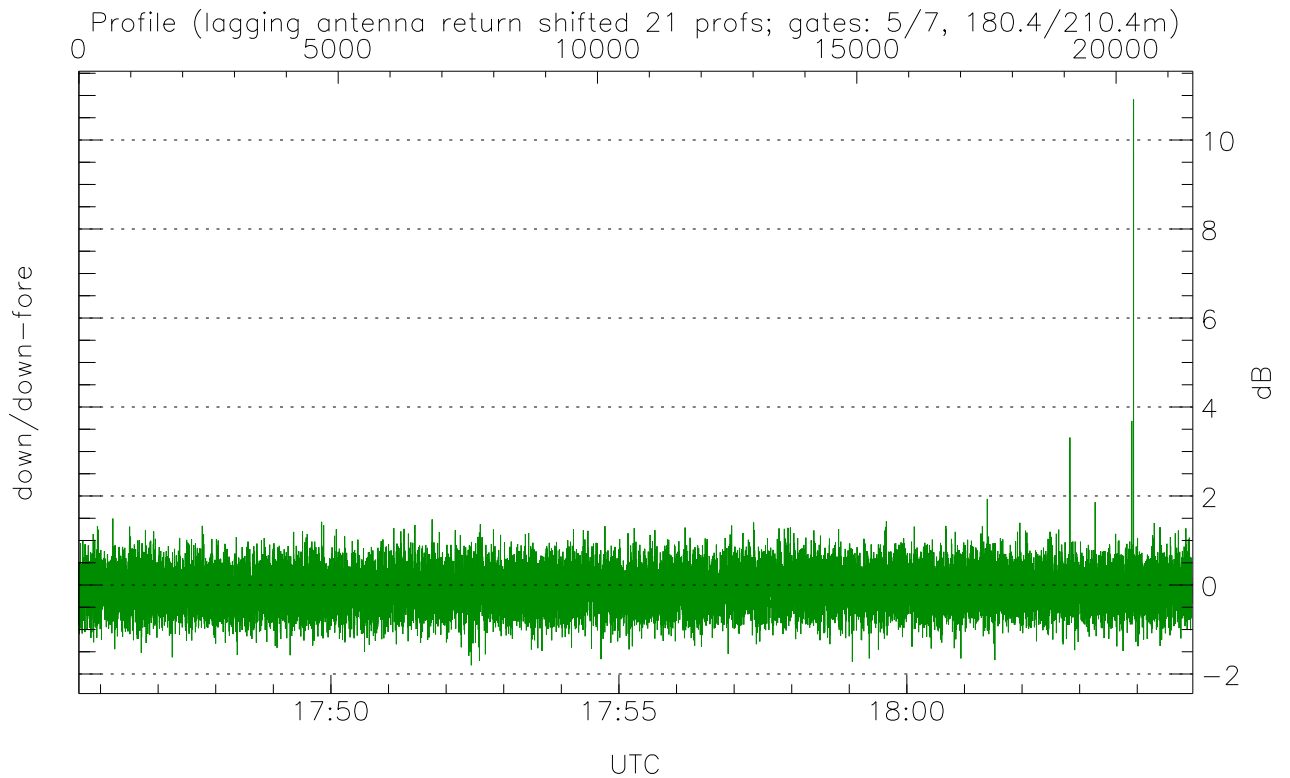
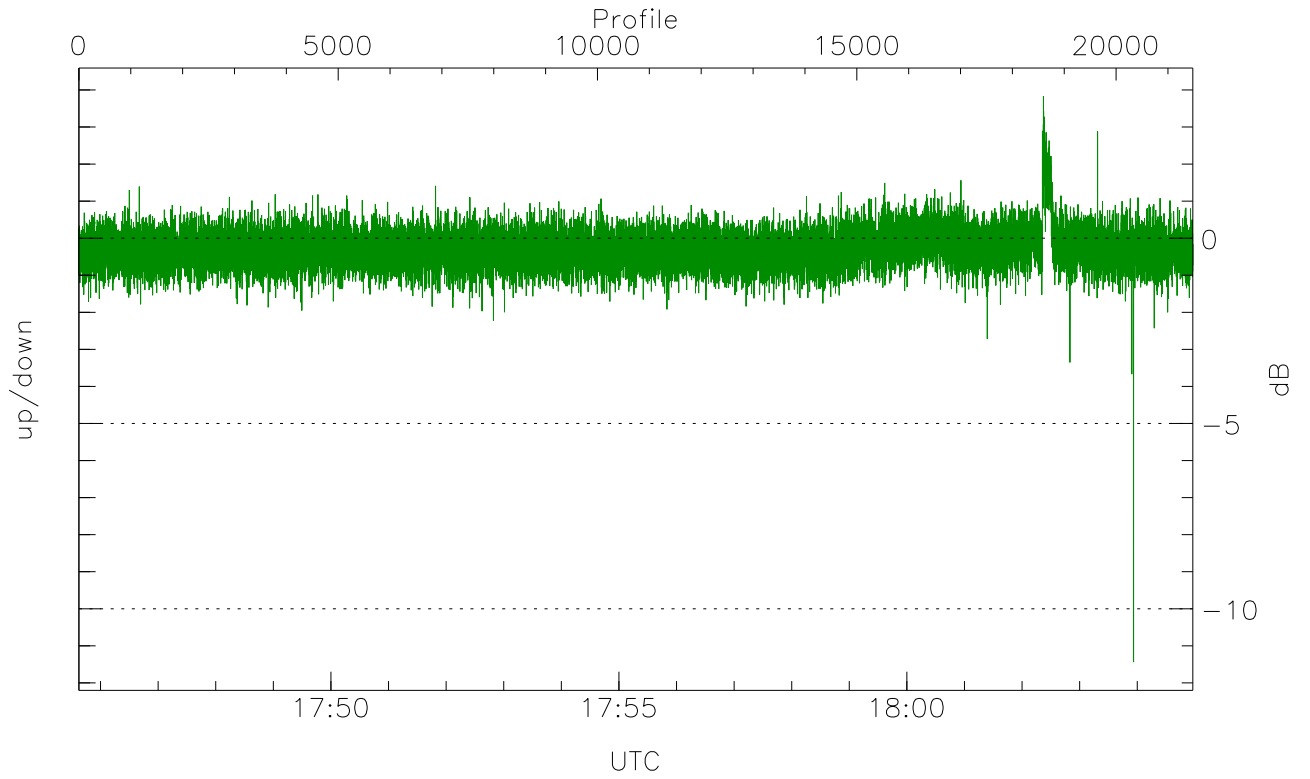
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

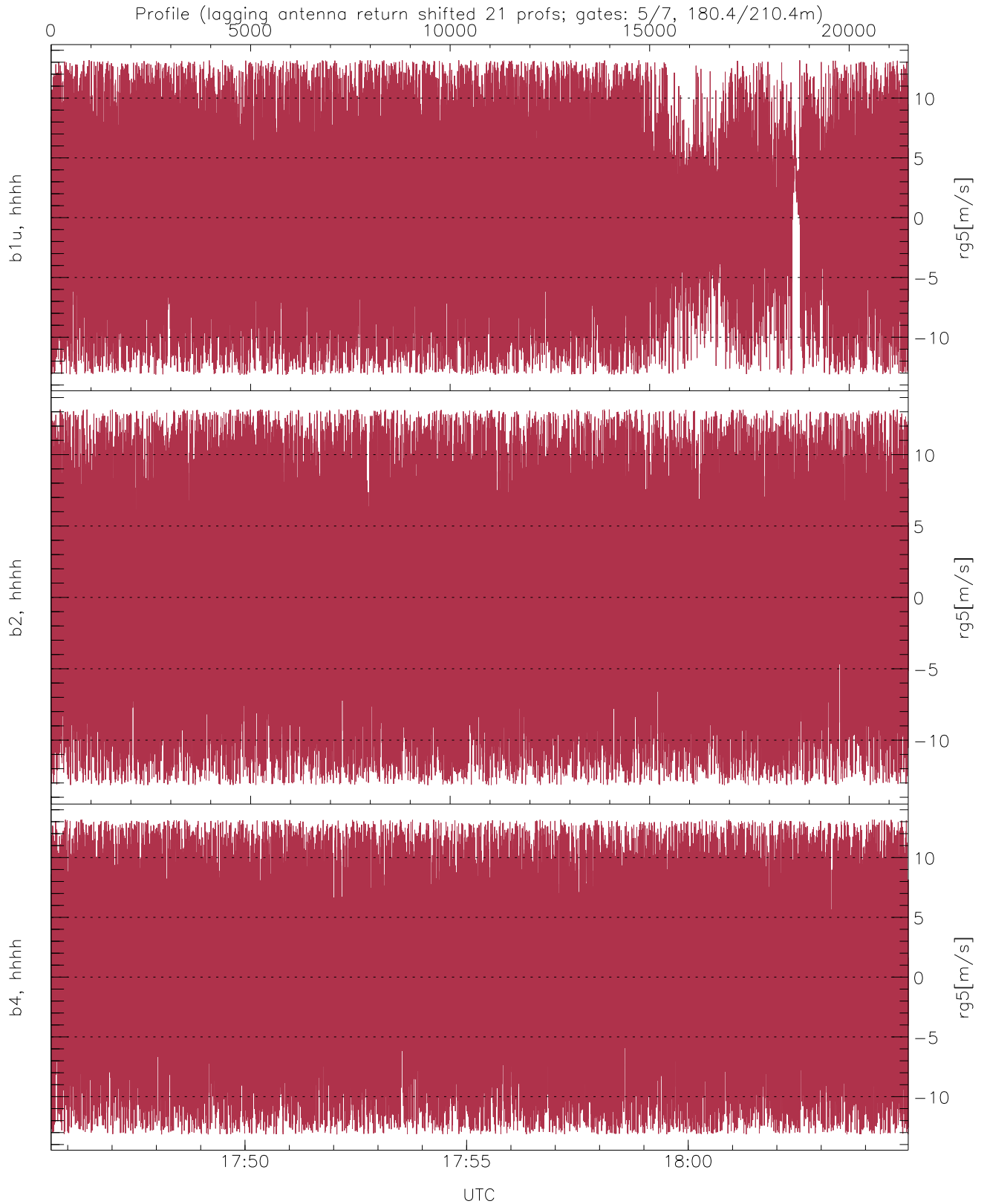
	Min	Max	Mean
up(hh[dBm])	-66.47	-61.36	-65.07
down(hh[dBm])	-66.03	-53.71	-64.79
down-fore(hh[dBm])	-65.96	-62.12	-64.72





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

	Min	Max	Mean
up/down (dB)	-11.44	3.83	-0.28
down/down-fore (dB)	-1.80	10.91	-0.08



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-13.15	13.16	0.08	6.68
b2, hhhh(rg5[m/s])	-13.15	13.16	0.01	7.25
b4, hhhh(rg5[m/s])	-13.15	13.16	-0.03	7.28