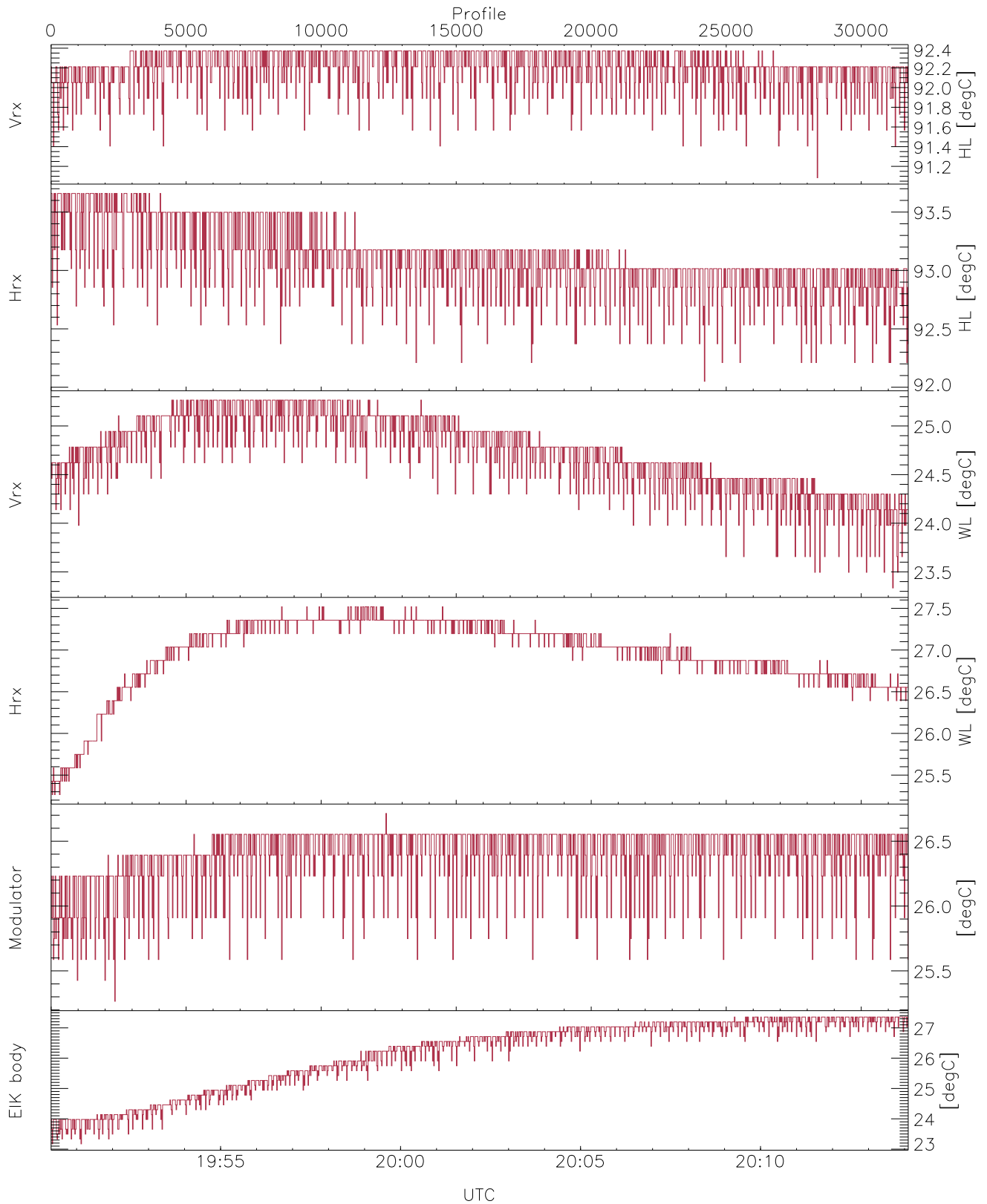


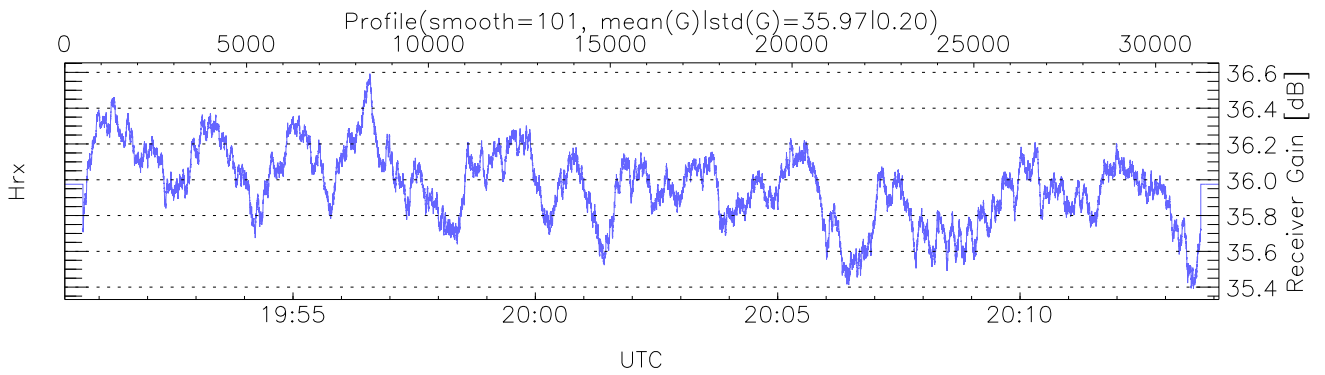
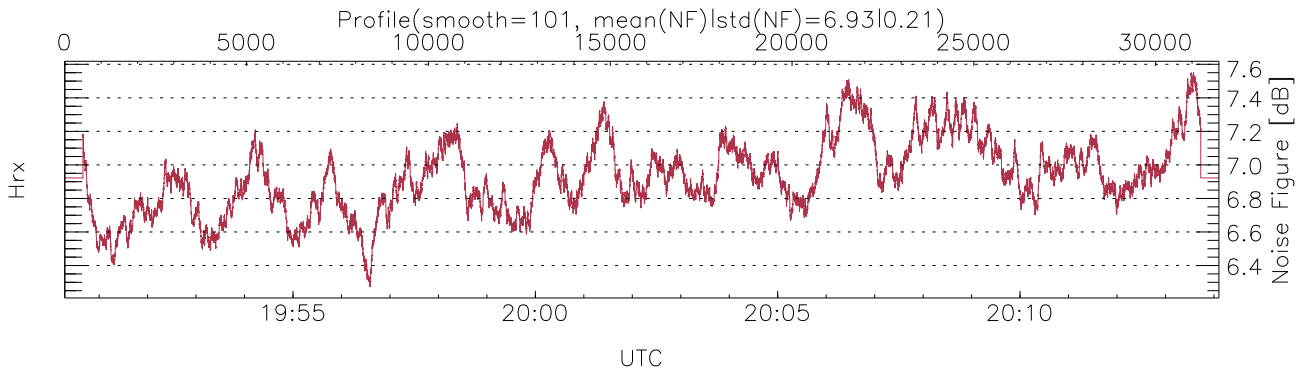
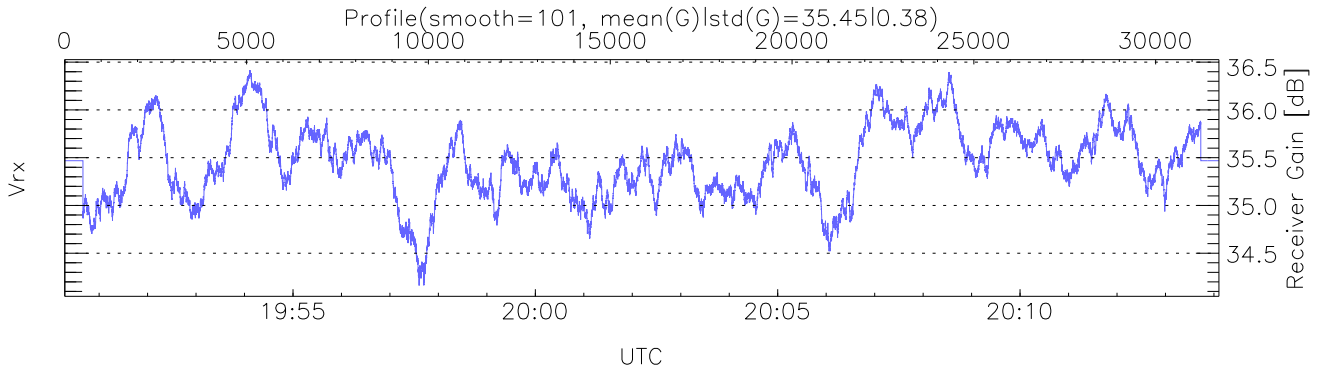
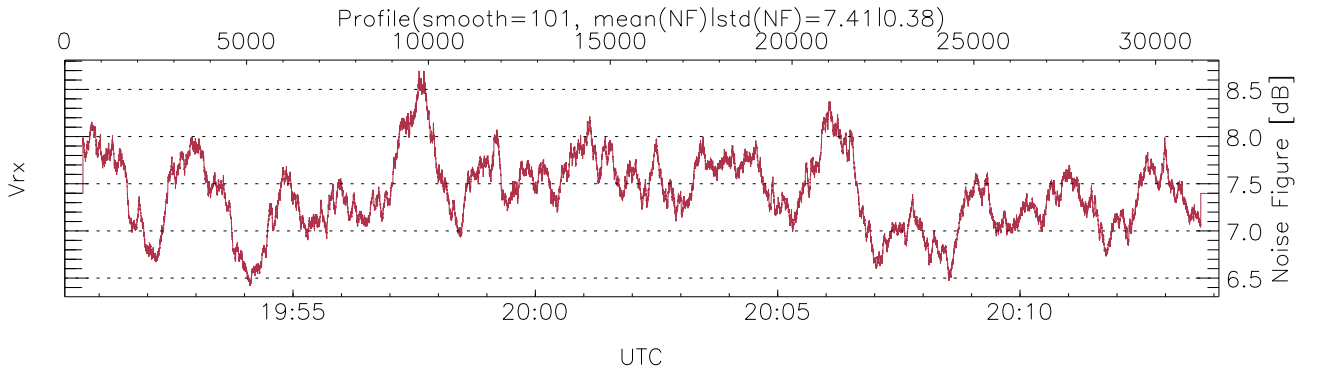
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:50:18-20:14:06, TimeCor: 0.00s, Dur: 1428.66s  
 TimeFlg: 2, 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, 0-31740/19:50:18-20:14:06  
 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7  
 Mirror(-910112,3,9x = no mirrorsideluplerror): 1



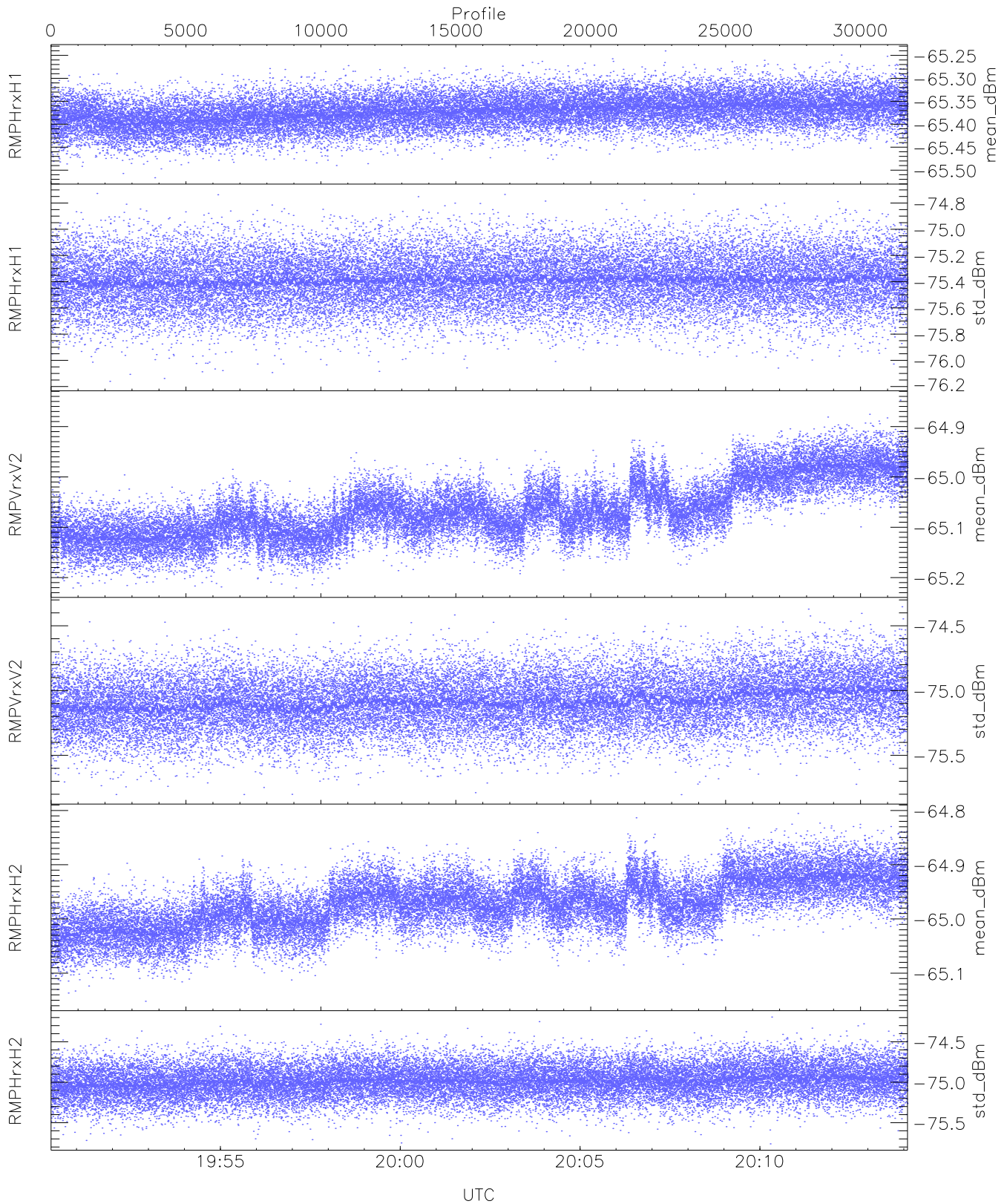
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,25,23  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,27,26,27  
 LOalarm(20,240,2817,14861 MHz): None  
 EIK Faults(# prof affected):  
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



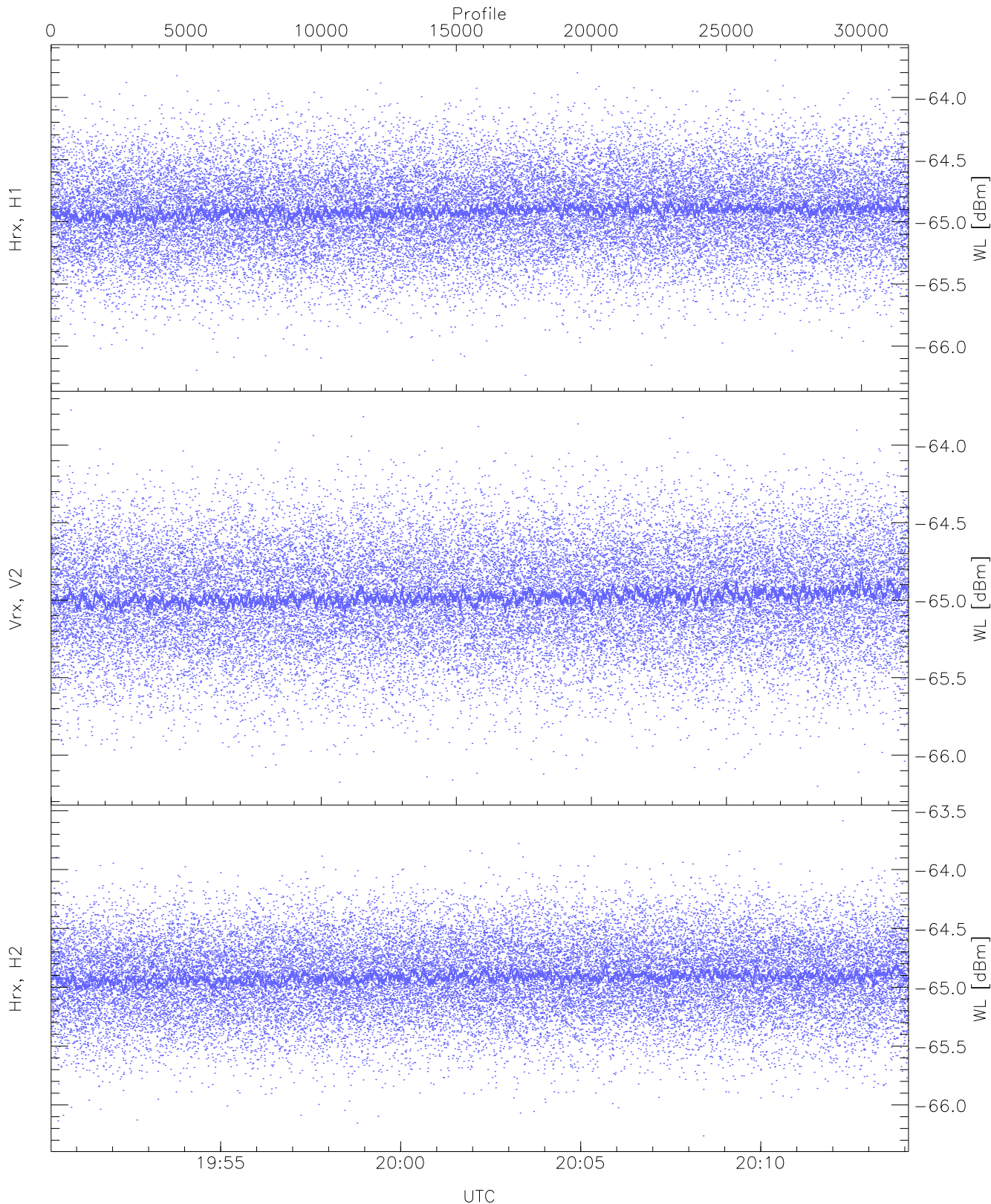
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 3 pixs, 1 gates, 3 profs, 1 prod(s)



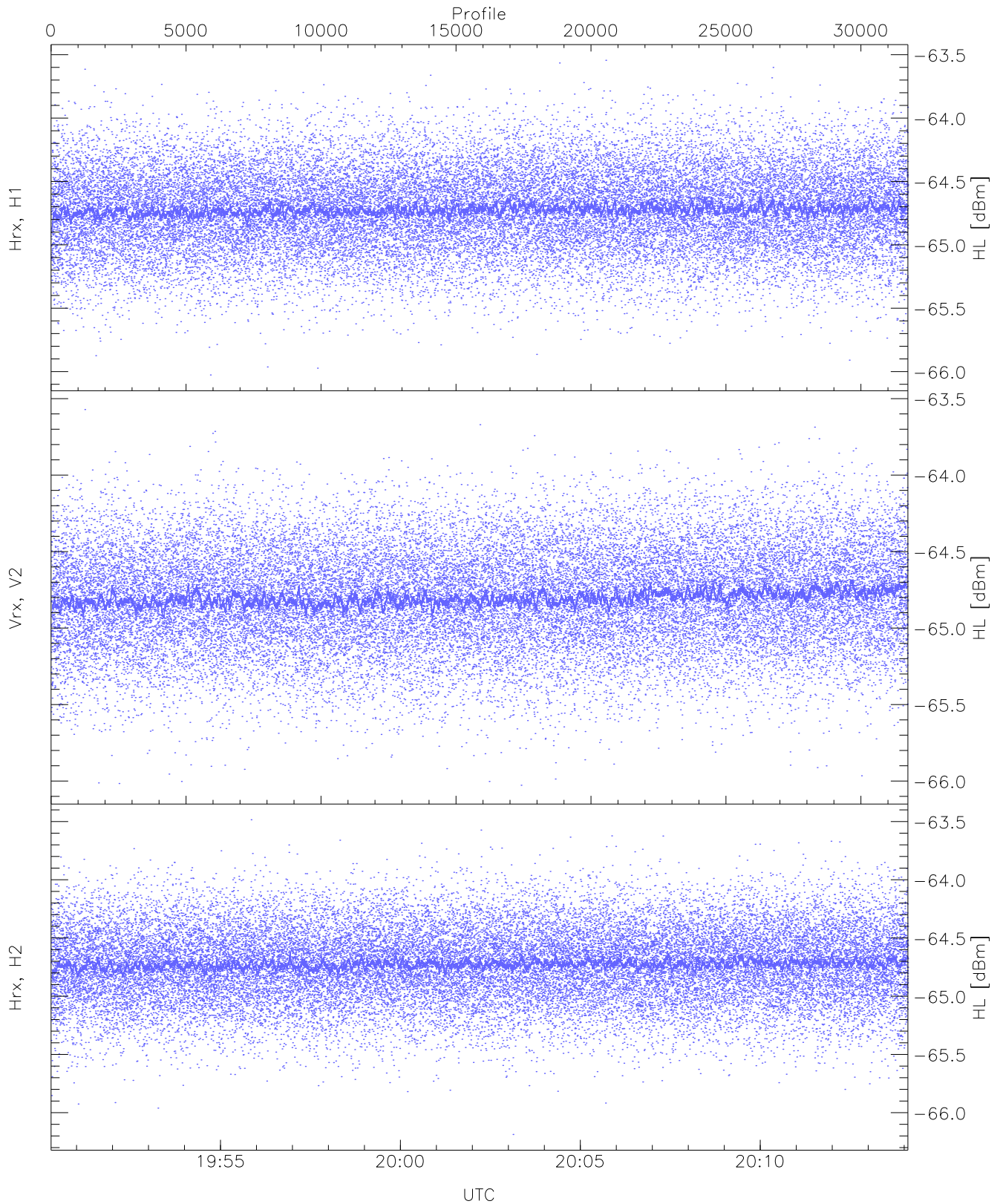
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.52	-65.24	-65.37	-65.37	-86.59
RMPHrxH1(std_dBm)	-76.16	-74.73	-75.39	-75.39	-89.18
RMPVrxV2(mean_dBm)	-65.22	-64.85	-65.07	-65.07	-83.86
RMPVrxV2(std_dBm)	-75.80	-74.35	-75.08	-75.09	-88.75
RMPHrxH2(mean_dBm)	-65.15	-64.81	-64.97	-64.97	-84.70
RMPHrxH2(std_dBm)	-75.76	-74.19	-74.99	-74.99	-88.72



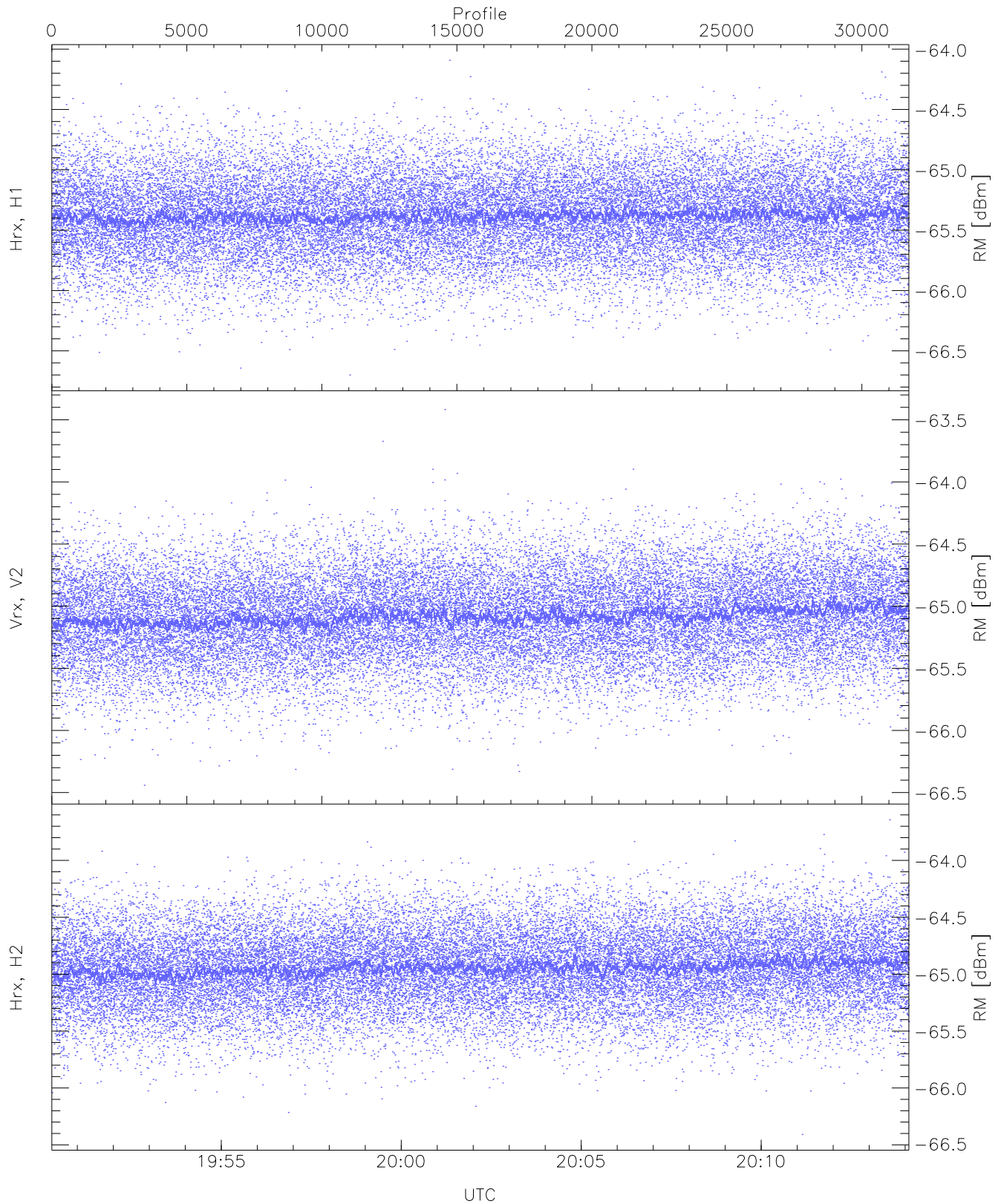
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.24	-63.70	-64.91	-64.91	-76.38
Vrx, V2 (WL [dBm])	-66.20	-63.77	-64.97	-64.98	-76.49
Hrx, H2 (WL [dBm])	-66.26	-63.59	-64.91	-64.92	-76.41



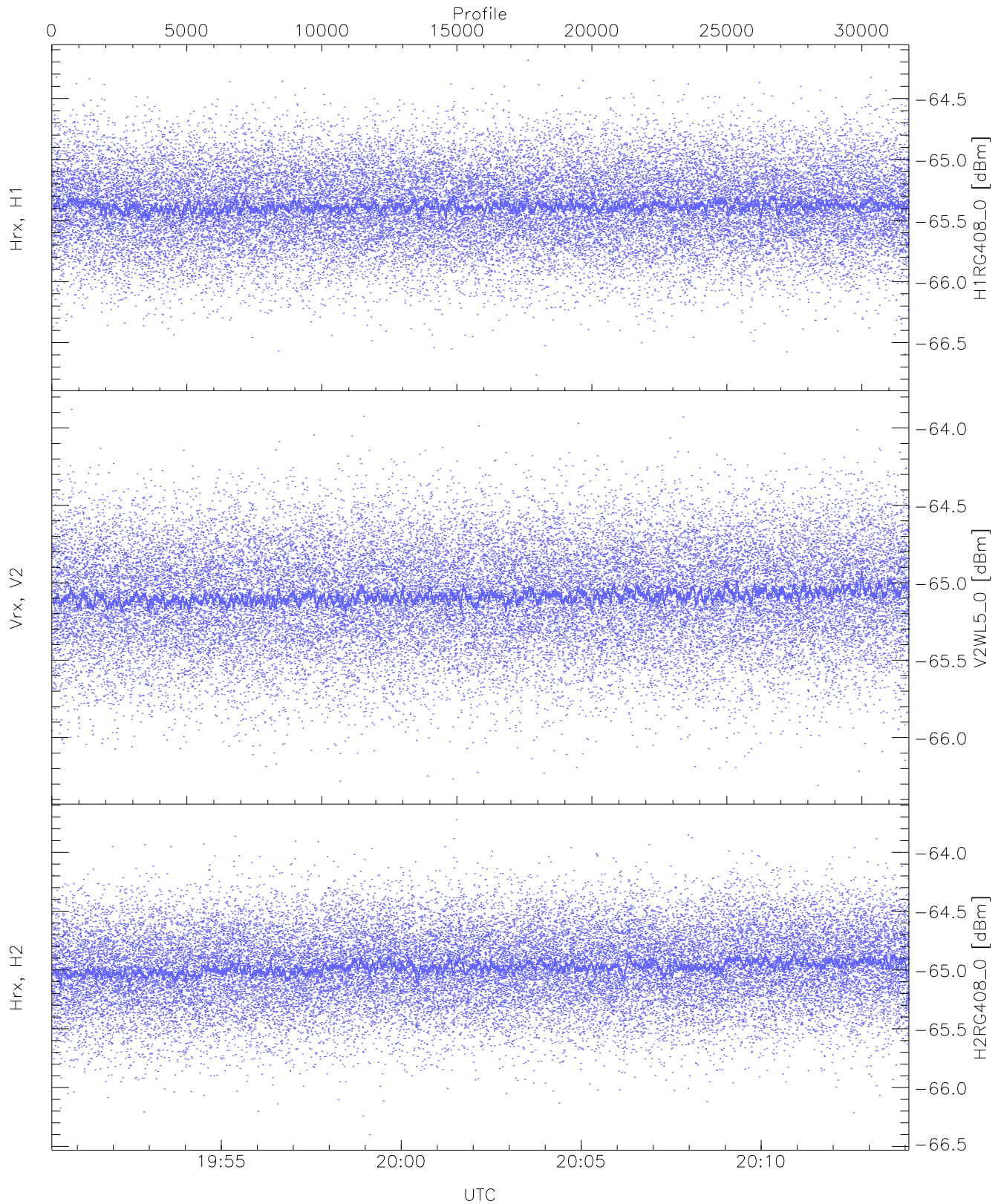
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.03	-63.54	-64.72	-64.72	-76.21
Vrx, V2 (HL [dBm])	-66.03	-63.57	-64.80	-64.80	-76.27
Hrx, H2 (HL [dBm])	-66.19	-63.48	-64.72	-64.72	-76.25



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

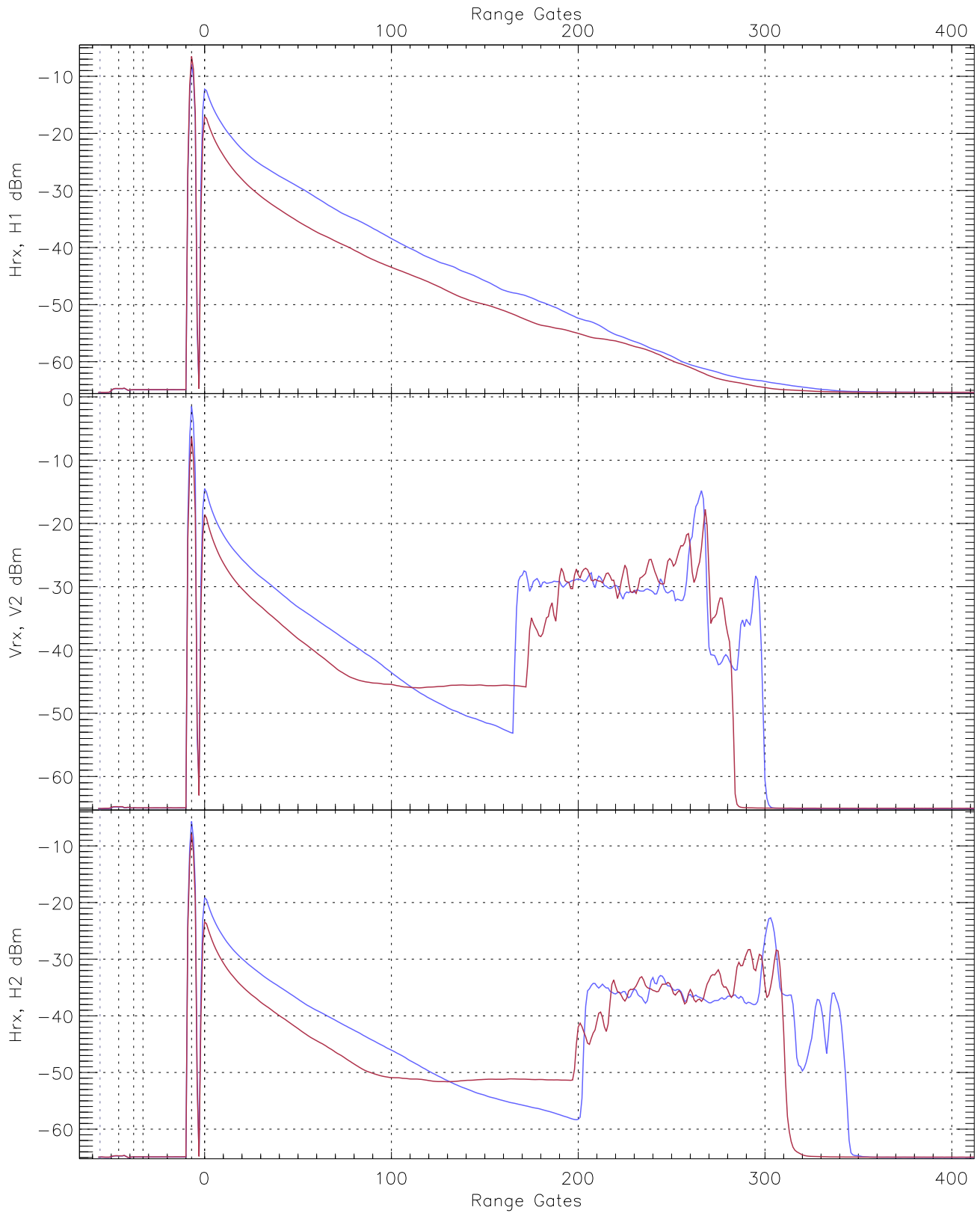
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.70	-64.09	-65.38	-65.38	-76.84
Vrx, V2 (RM [dBm])	-66.44	-63.42	-65.08	-65.09	-76.52
Hrx, H2 (RM [dBm])	-66.41	-63.64	-64.94	-64.95	-76.42



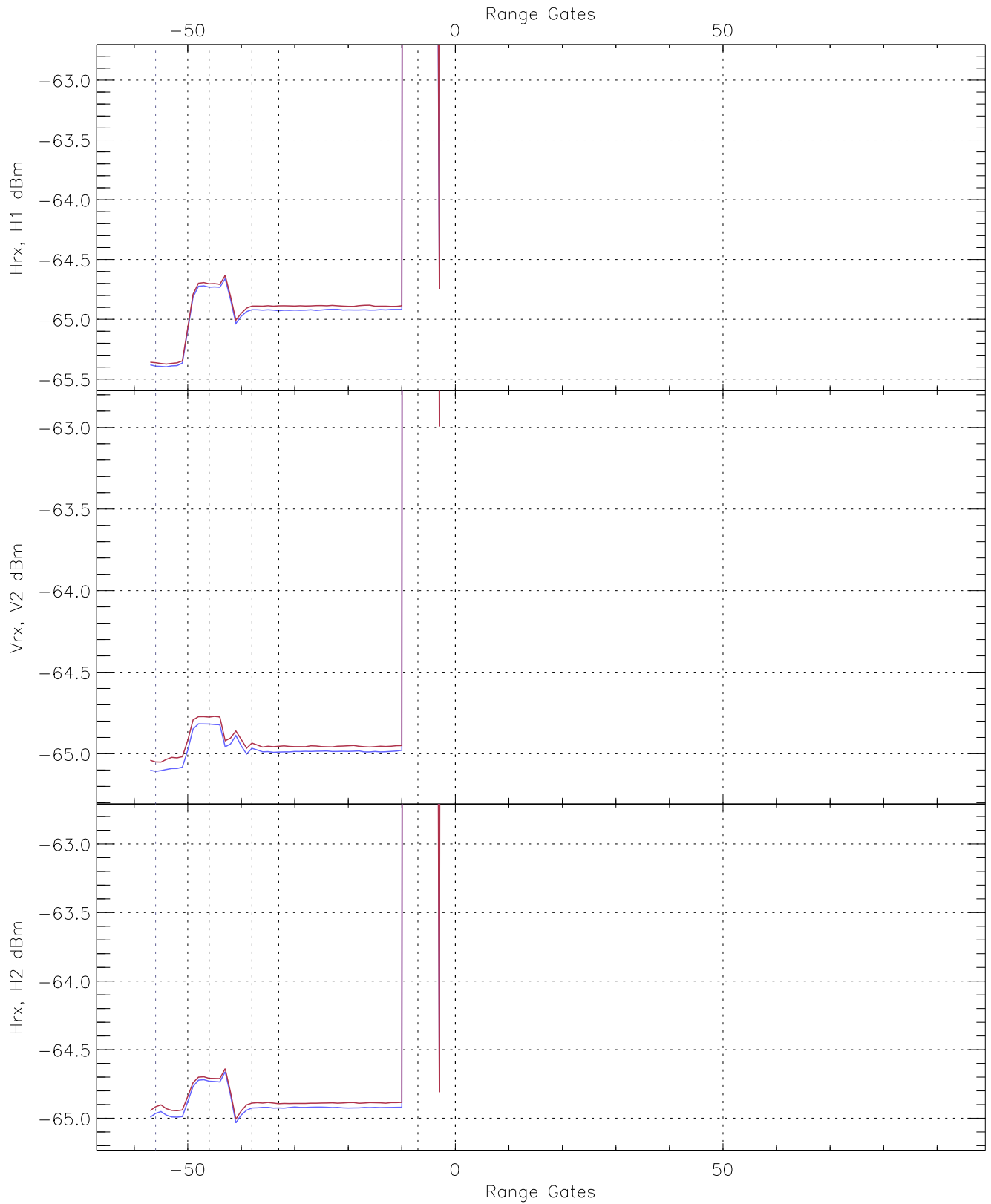
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG408_0 [dBm]	-66.77	-64.19	-65.38	-65.38	-76.89
V2WL5_0 [dBm]	-66.31	-63.88	-65.08	-65.09	-76.59
H2RG408_0 [dBm]	-66.40	-63.72	-64.97	-64.98	-76.45

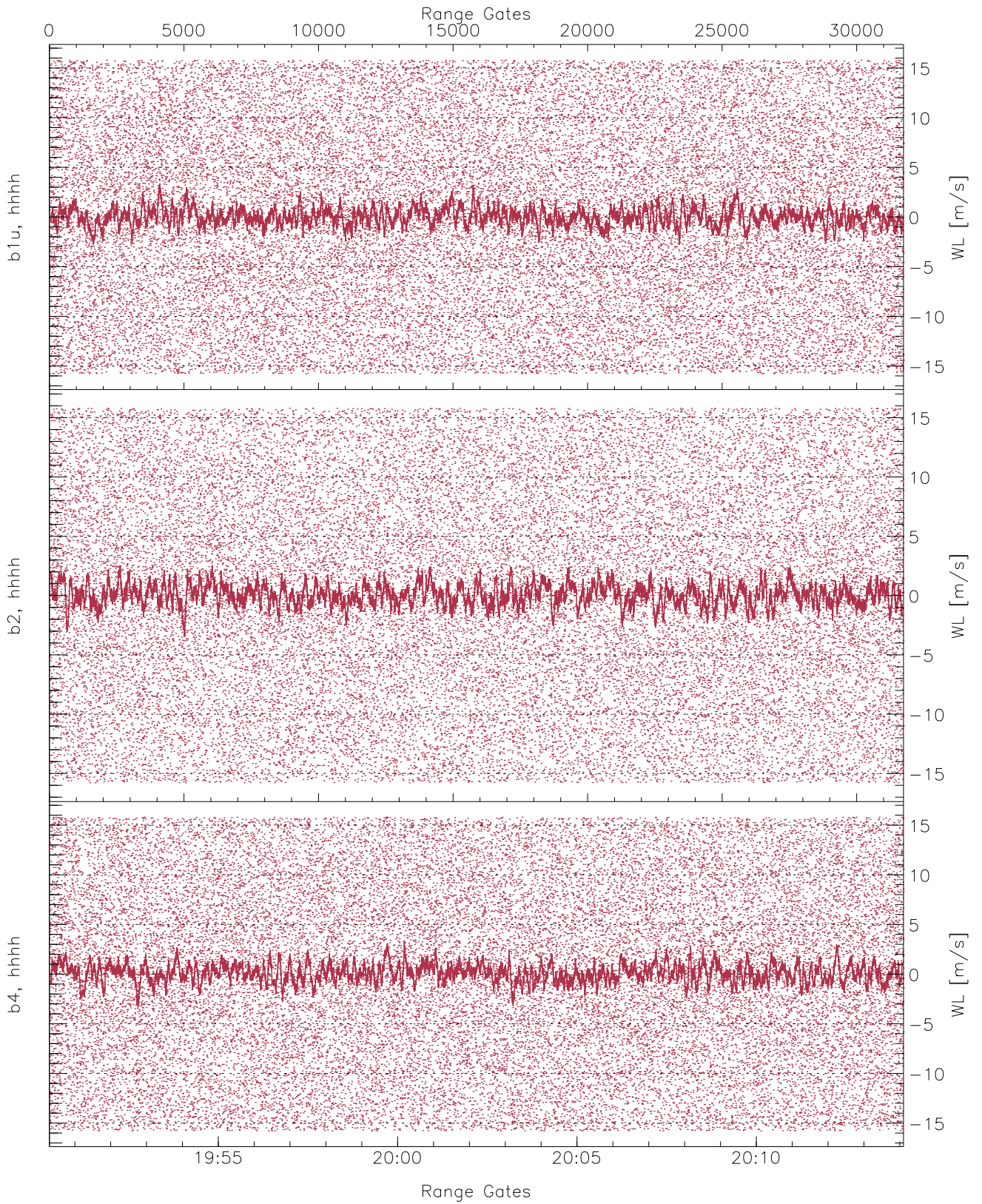




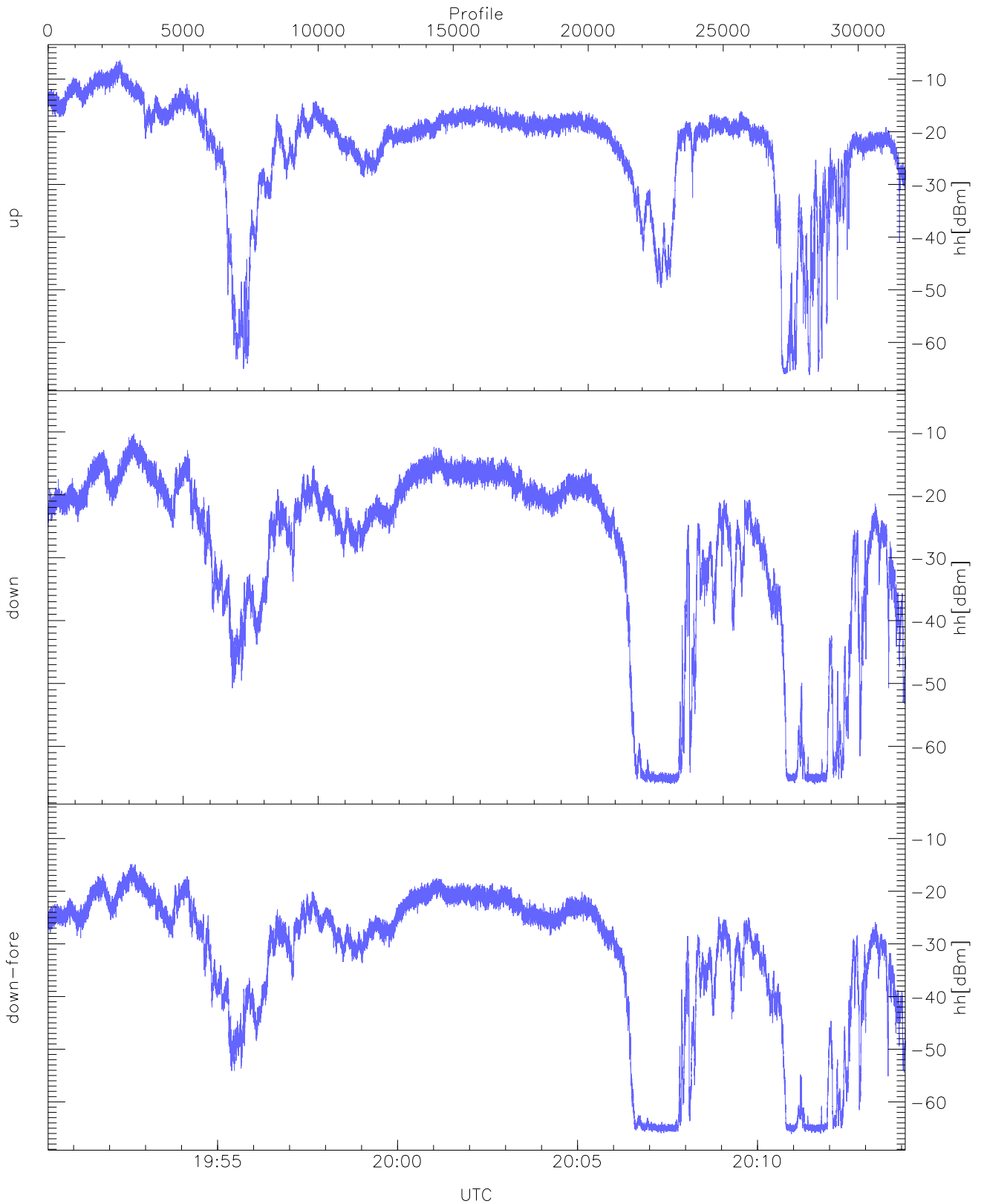
WCR3 CPP Averaged Received power for all recorded gates  
blue: 195018-200212, 15871 profiles averaged  
red: 200212-201406, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 195018-200212, 15871 profiles averaged  
red: 200212-201406, 15871 profiles averaged

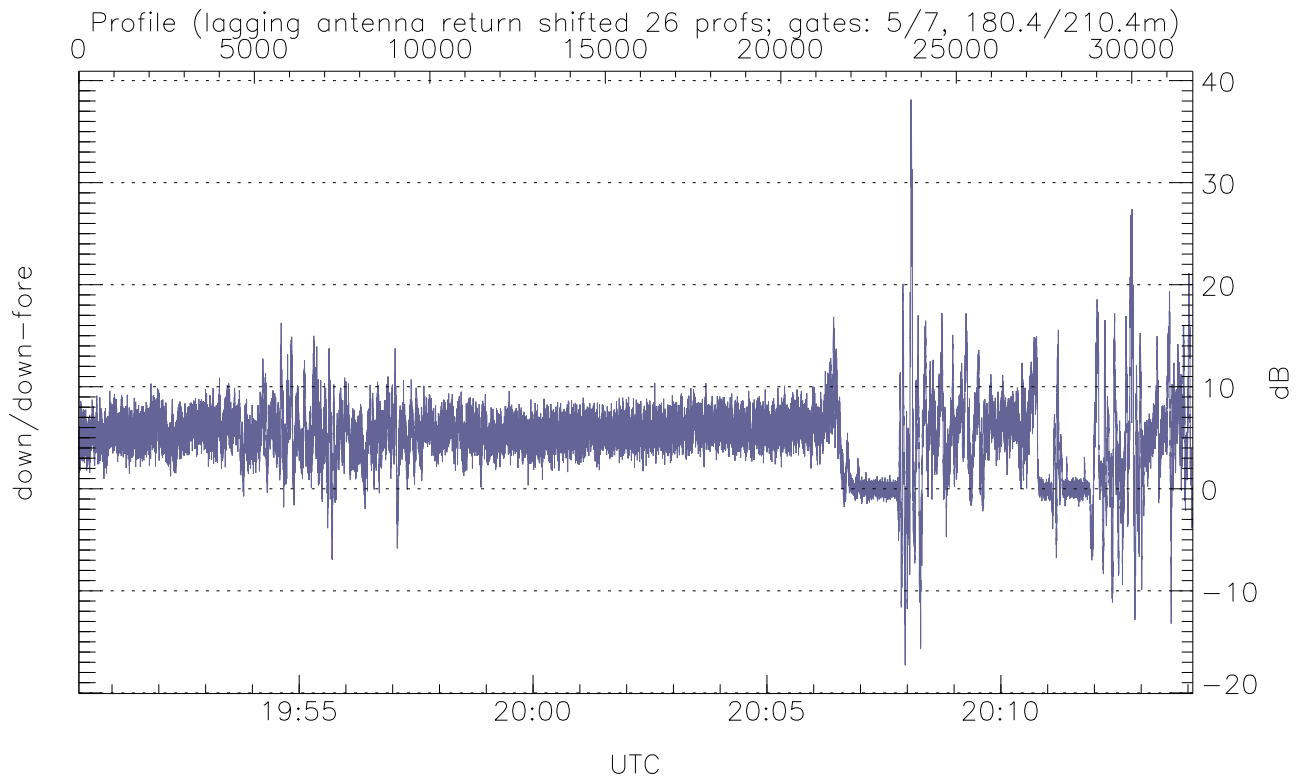
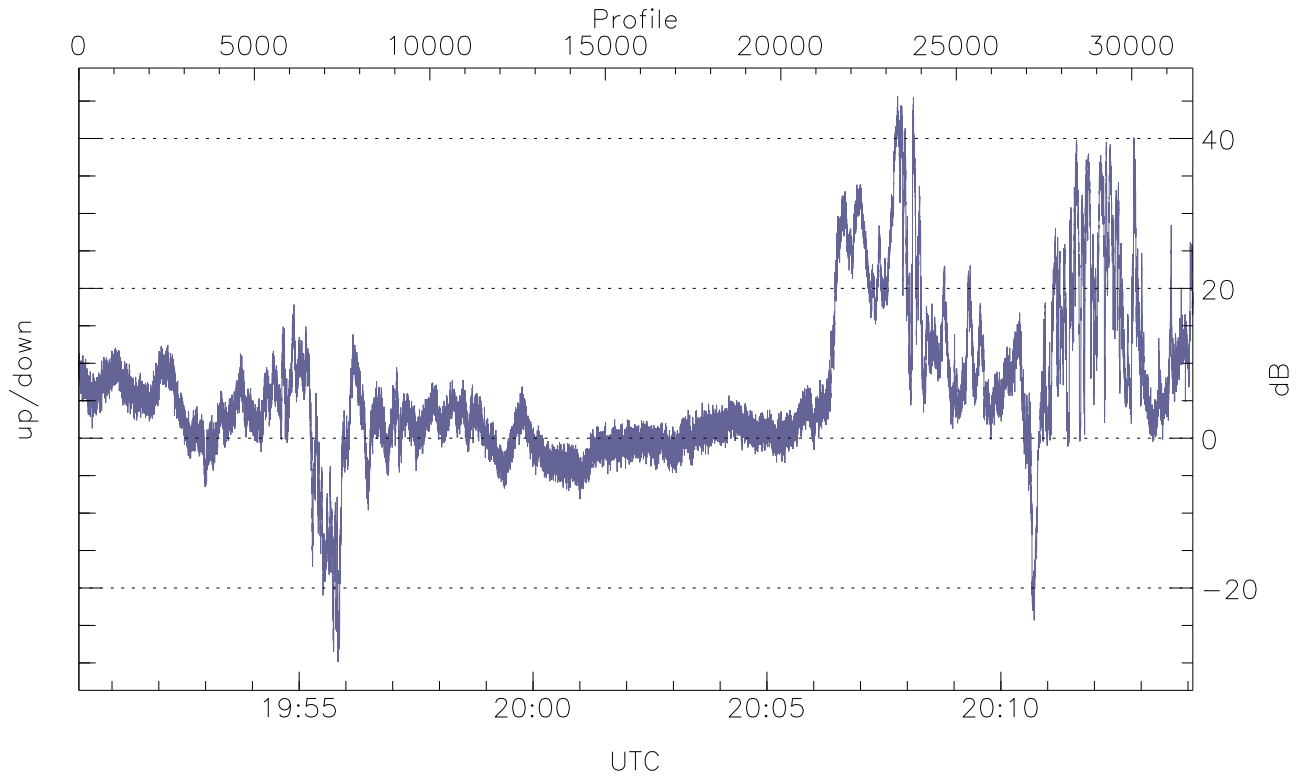


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



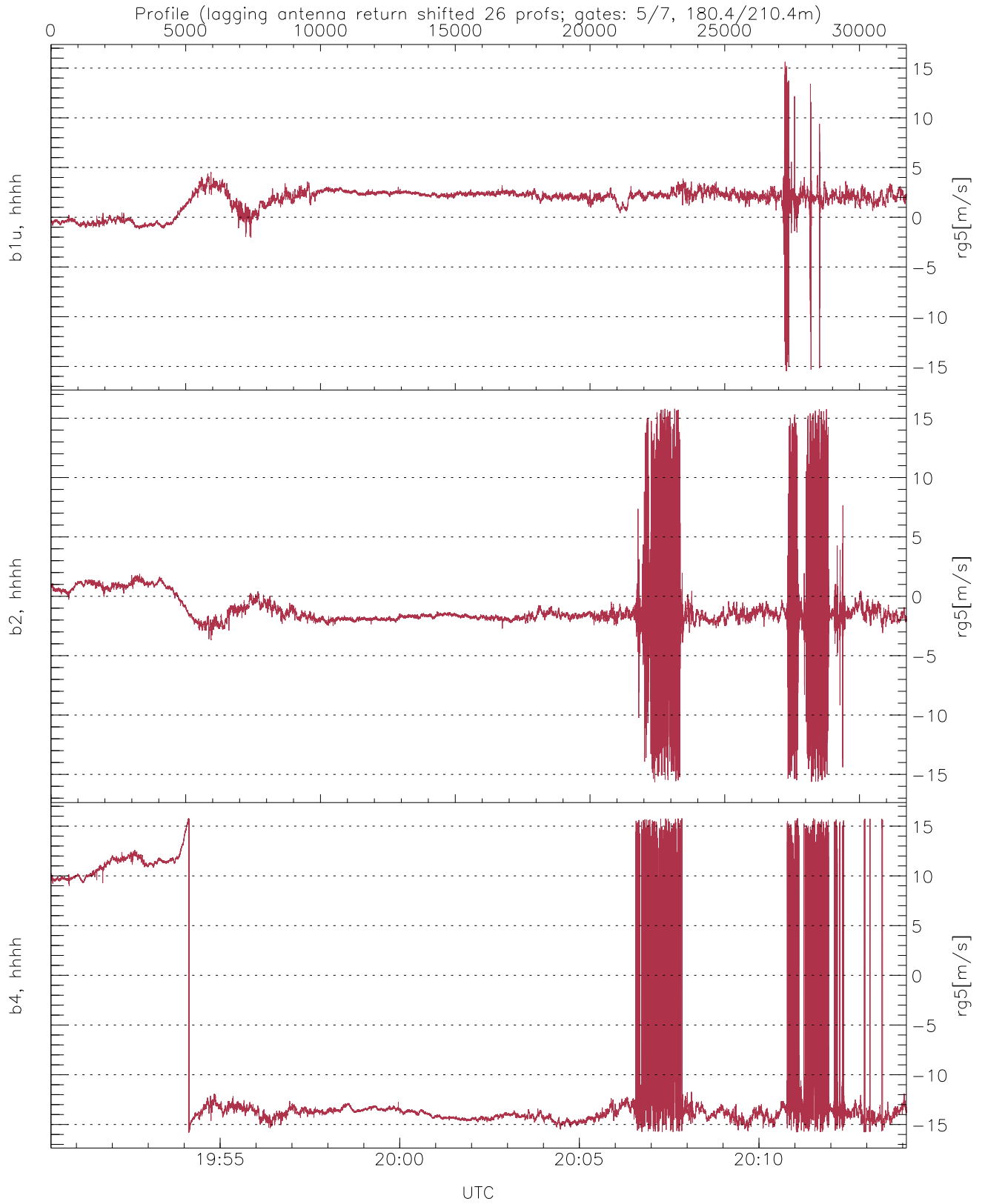
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.19	-6.44	-17.68
down(hh[dBm])	-66.04	-10.30	-20.40
down-fore(hh[dBm])	-66.11	-14.83	-24.72



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

	Min	Max	Mean
up/down (dB)	-29.89	45.63	6.05
down/down-fore (dB)	-17.30	38.15	5.08



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.47	15.62	1.74	1.30
b2, hhhh(rg5[m/s])	-15.66	15.79	-1.12	2.45
b4, hhhh(rg5[m/s])	-15.79	15.79	-8.71	9.87