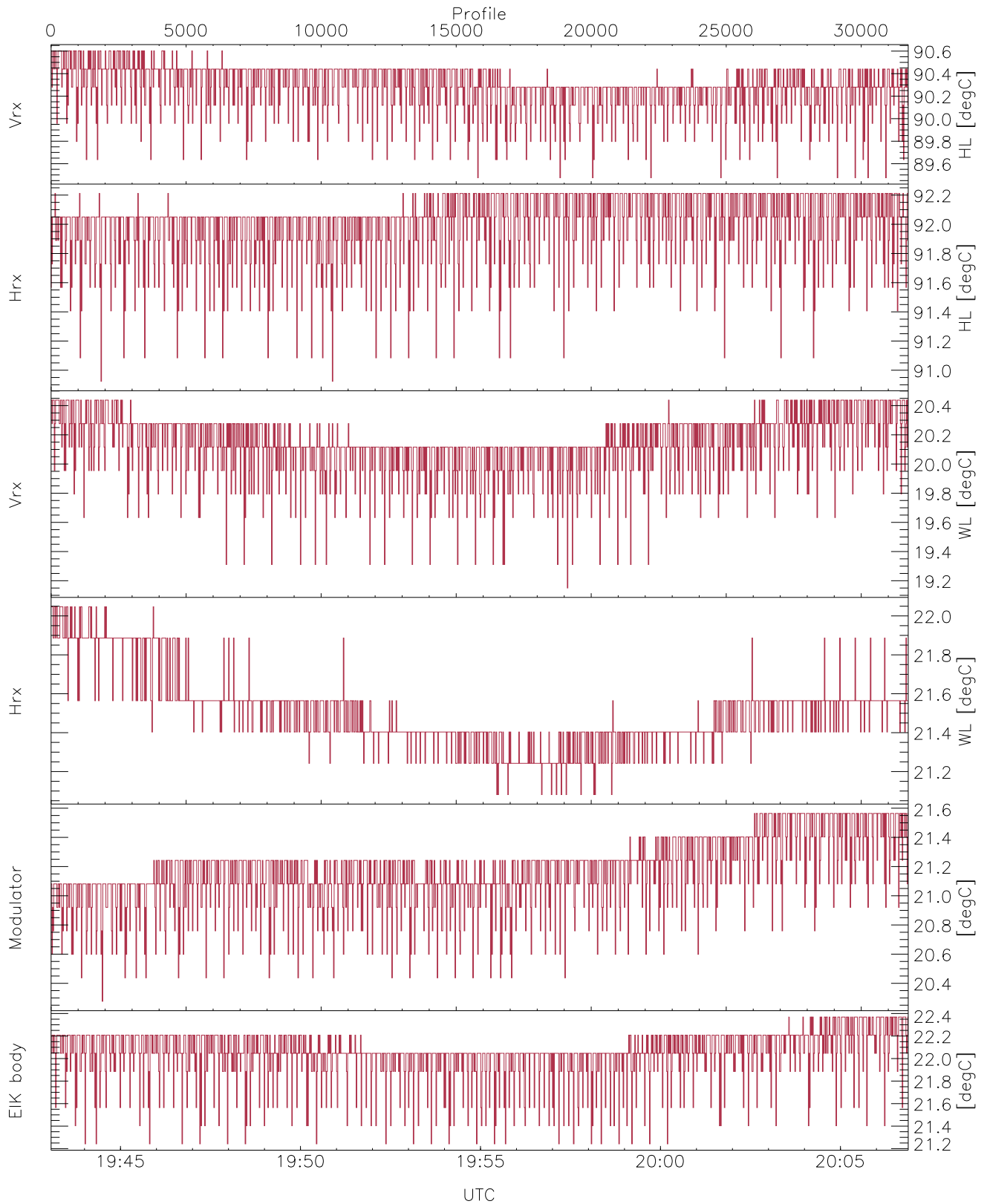


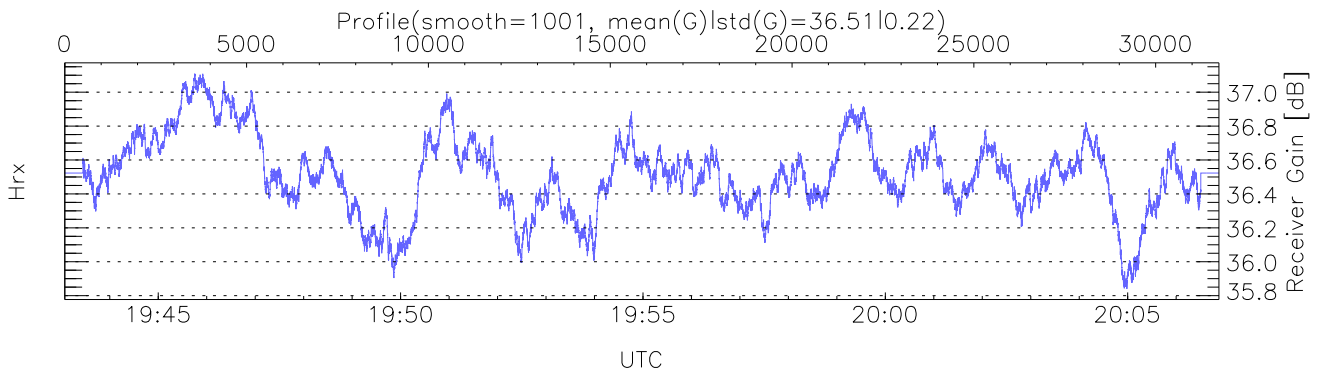
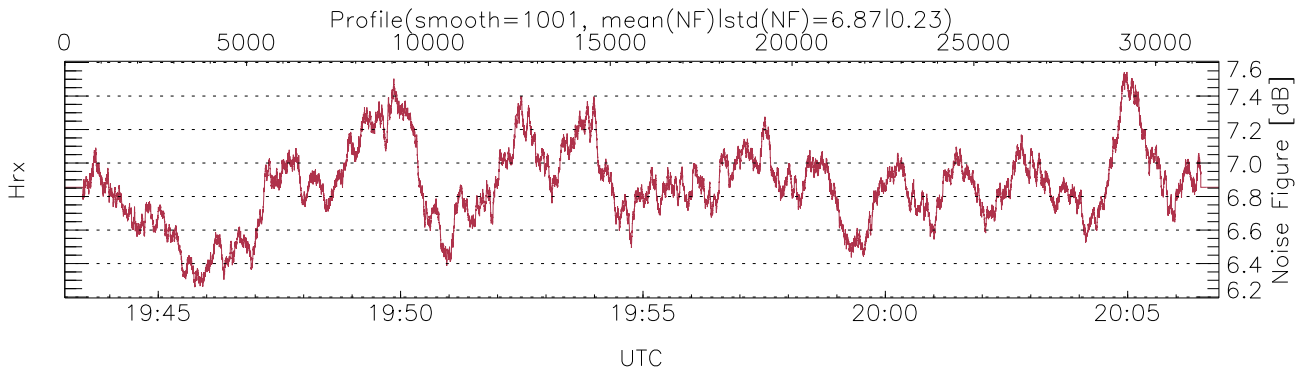
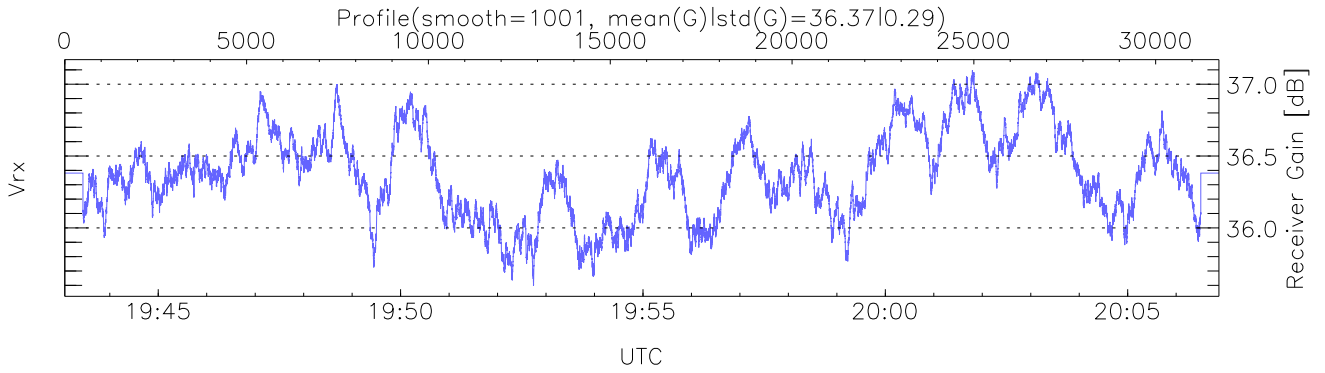
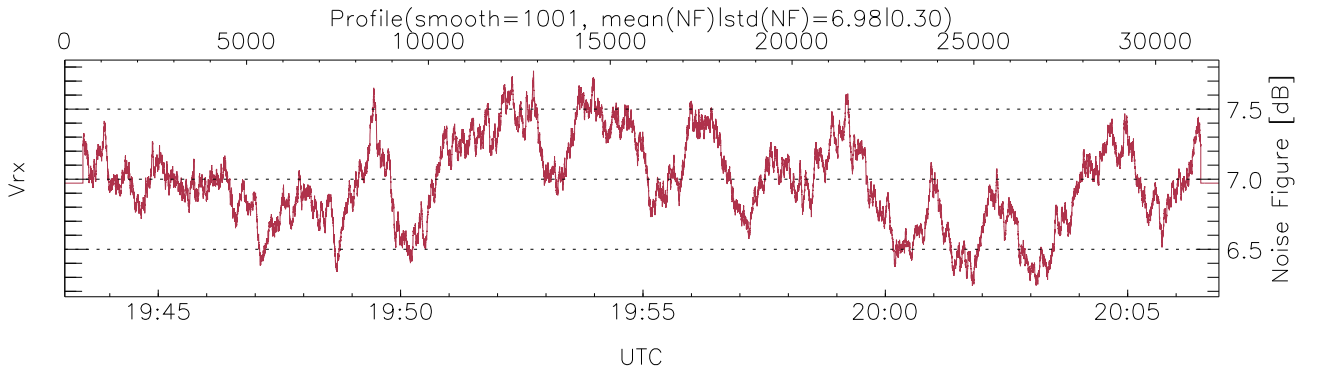
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:43:04-20:06:53, 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, 0-31740/19:43:04-20:06:53  
 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



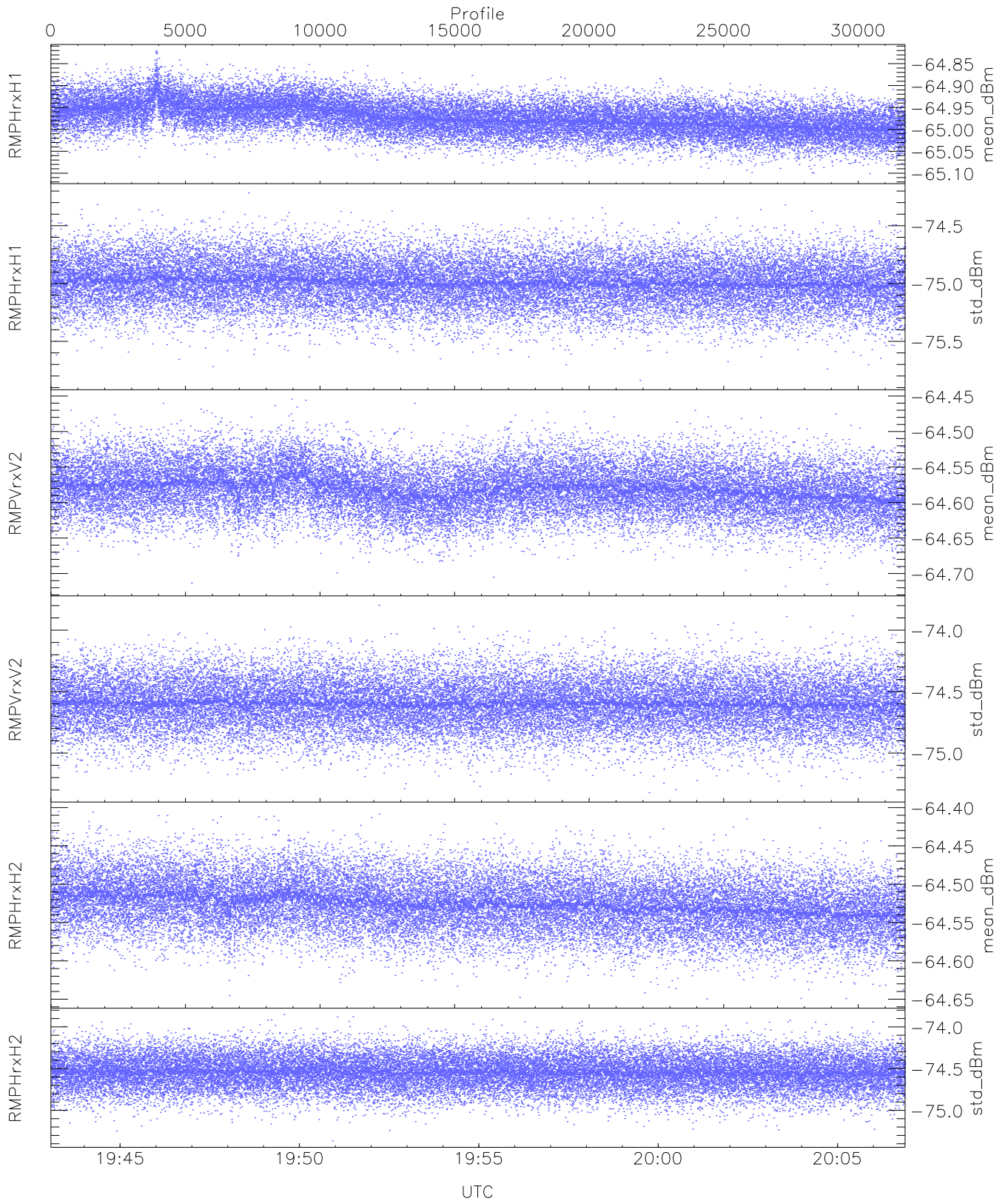
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,90,19,21,20,21`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,20,22,21,22`  
`LOalarm(20,240,2817,14861 MHz): 0,0,66,0`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (66,66,66,22,66,66,66,22)`



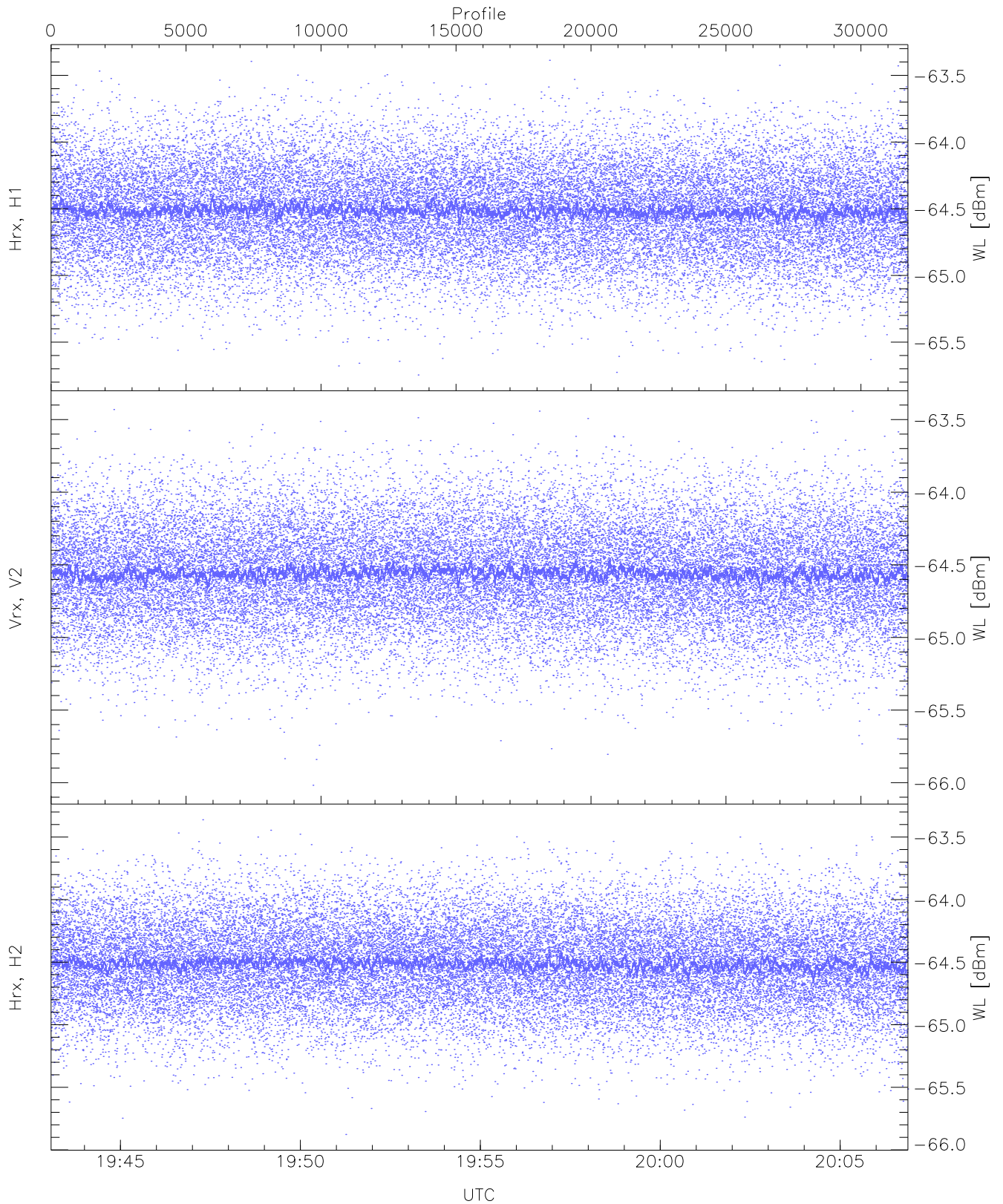
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 15 pixs, 3 gates, 15 profs, 1 prod(s)



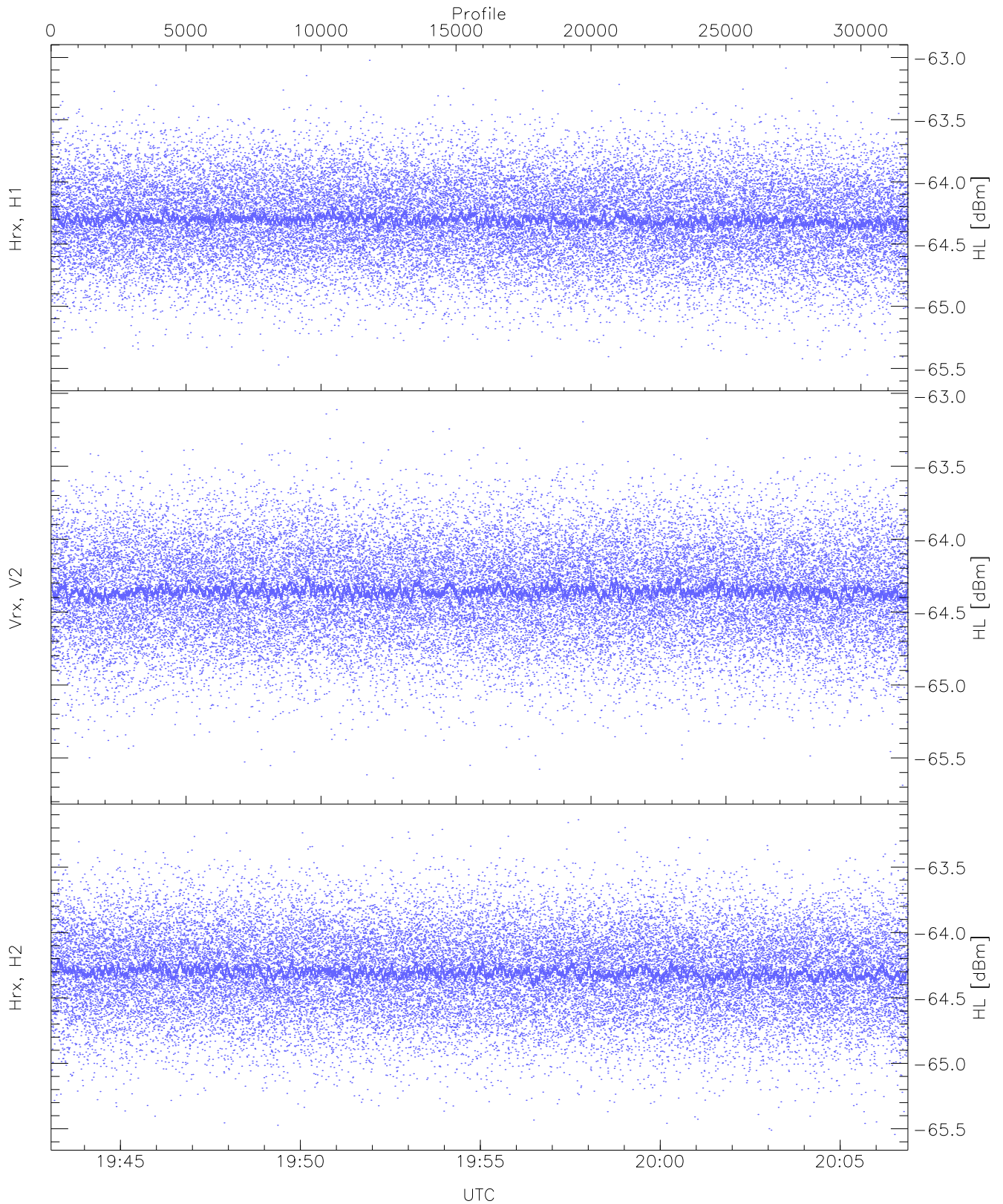
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.11	-64.82	-64.97	-64.97	-85.81
RMPHrxH1(std_dBm)	-75.84	-74.22	-74.99	-74.99	-88.77
RMPVrxV2(mean_dBm)	-64.72	-64.45	-64.58	-64.58	-86.00
RMPVrxV2(std_dBm)	-75.32	-73.80	-74.60	-74.60	-88.39
RMPHrxH2(mean_dBm)	-64.65	-64.41	-64.53	-64.53	-85.94
RMPHrxH2(std_dBm)	-75.37	-73.85	-74.54	-74.54	-88.34



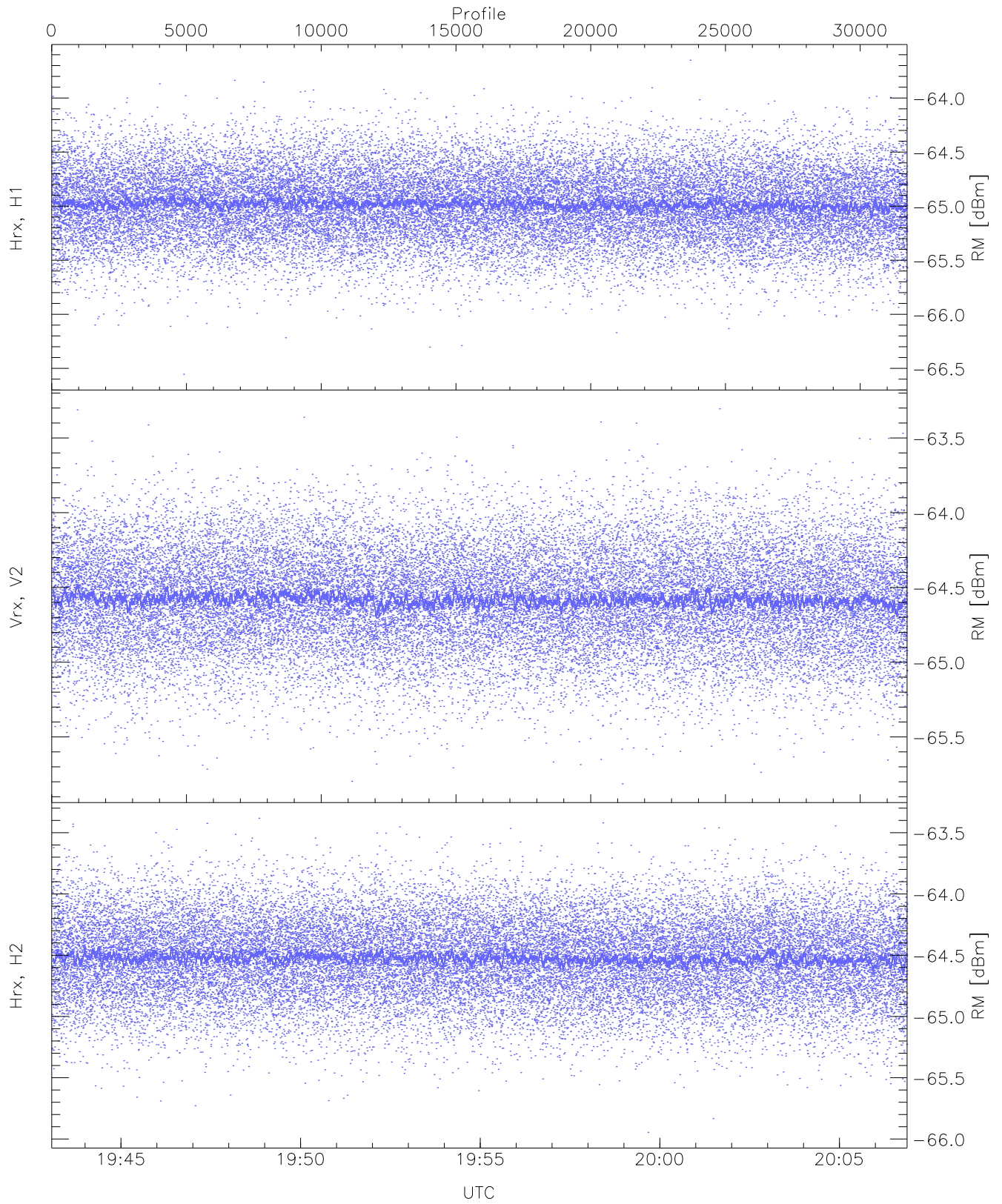
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.75	-63.39	-64.51	-64.51	-75.98
Vrx, V2 (WL [dBm])	-66.02	-63.43	-64.55	-64.56	-76.07
Hrx, H2 (WL [dBm])	-65.88	-63.36	-64.51	-64.52	-75.99



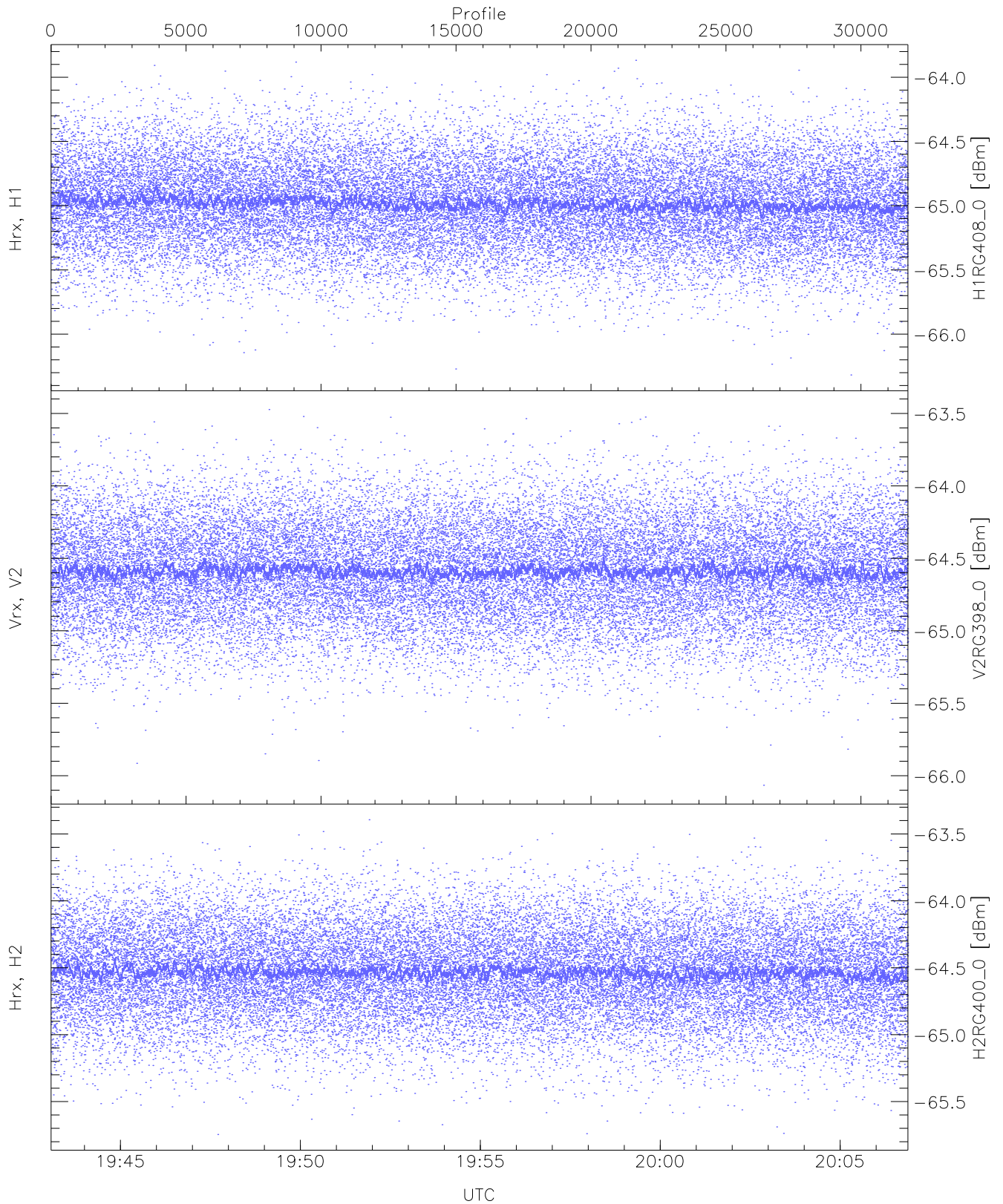
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.55	-63.02	-64.30	-64.31	-75.77
Vrx, V2 (HL [dBm])	-65.69	-63.11	-64.35	-64.36	-75.87
Hrx, H2 (HL [dBm])	-65.54	-63.14	-64.30	-64.31	-75.80



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

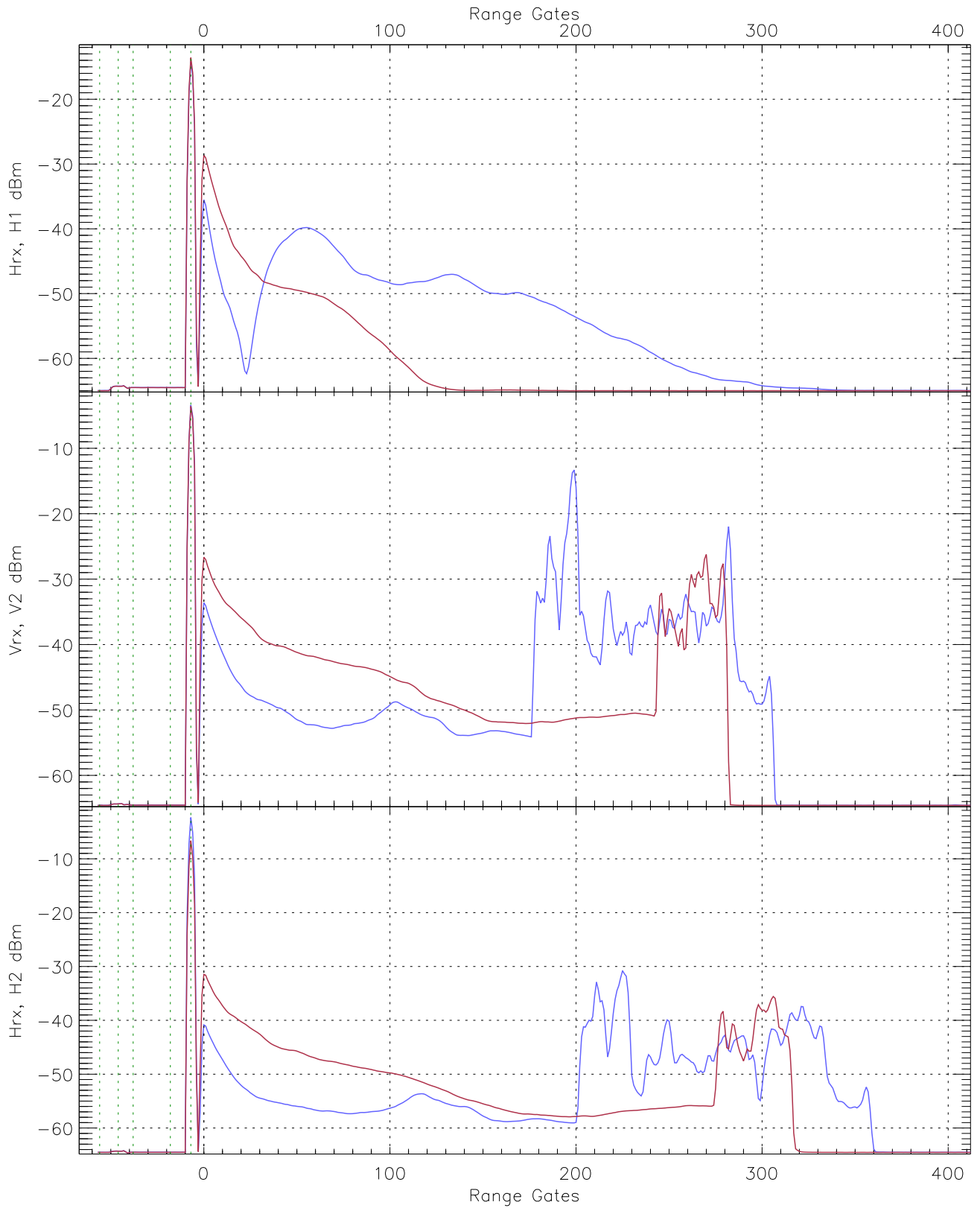
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.56	-63.65	-64.98	-64.98	-76.46
Vrx, V2 (RM [dBm])	-65.81	-63.30	-64.57	-64.58	-76.08
Hrx, H2 (RM [dBm])	-65.95	-63.38	-64.52	-64.52	-76.01



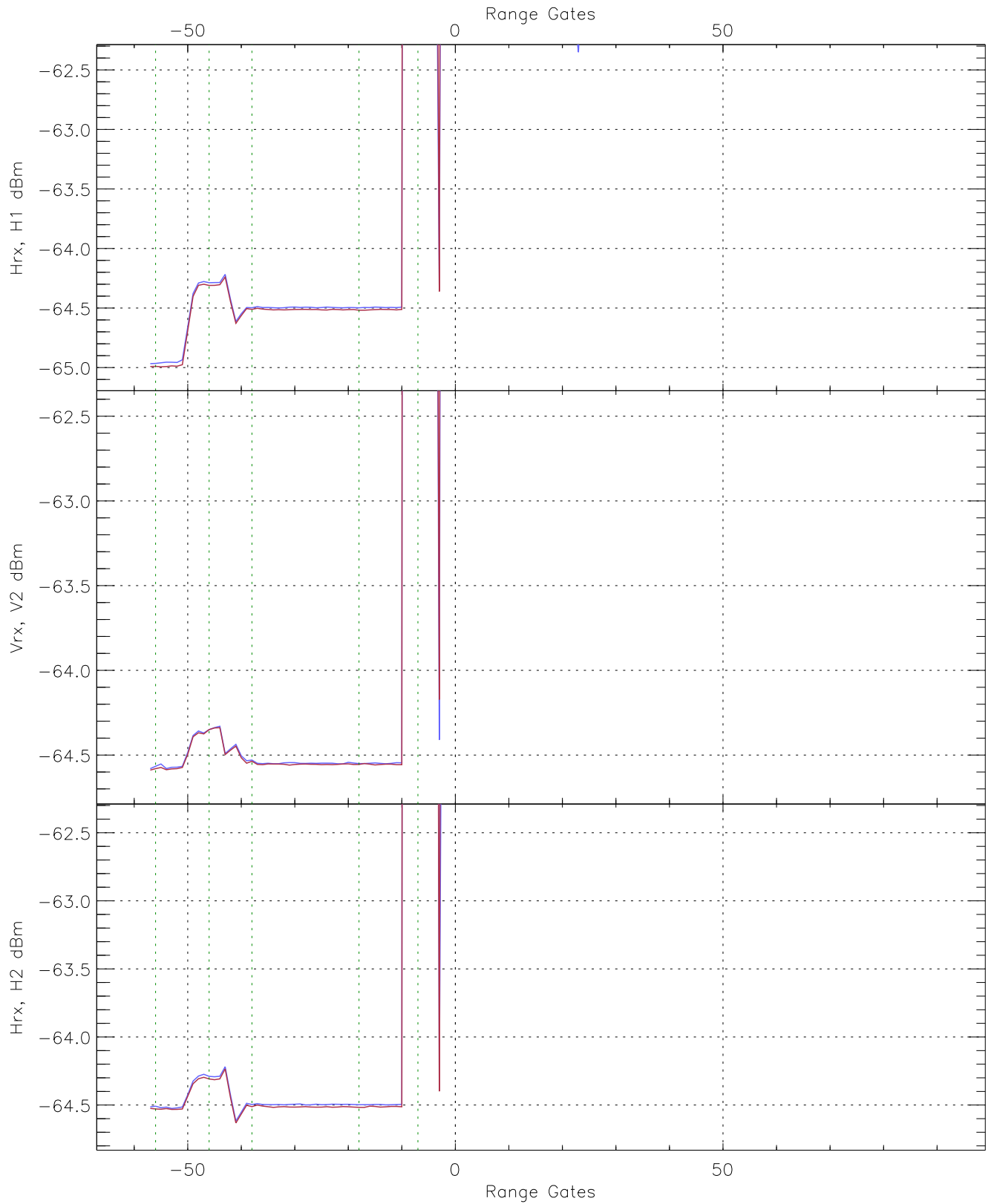
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG408_0 [dBm]	-66.32	-63.87	-64.98	-64.99	-76.49
V2RG398_0 [dBm]	-66.07	-63.47	-64.58	-64.59	-76.07
H2RG400_0 [dBm]	-65.75	-63.39	-64.53	-64.54	-76.06

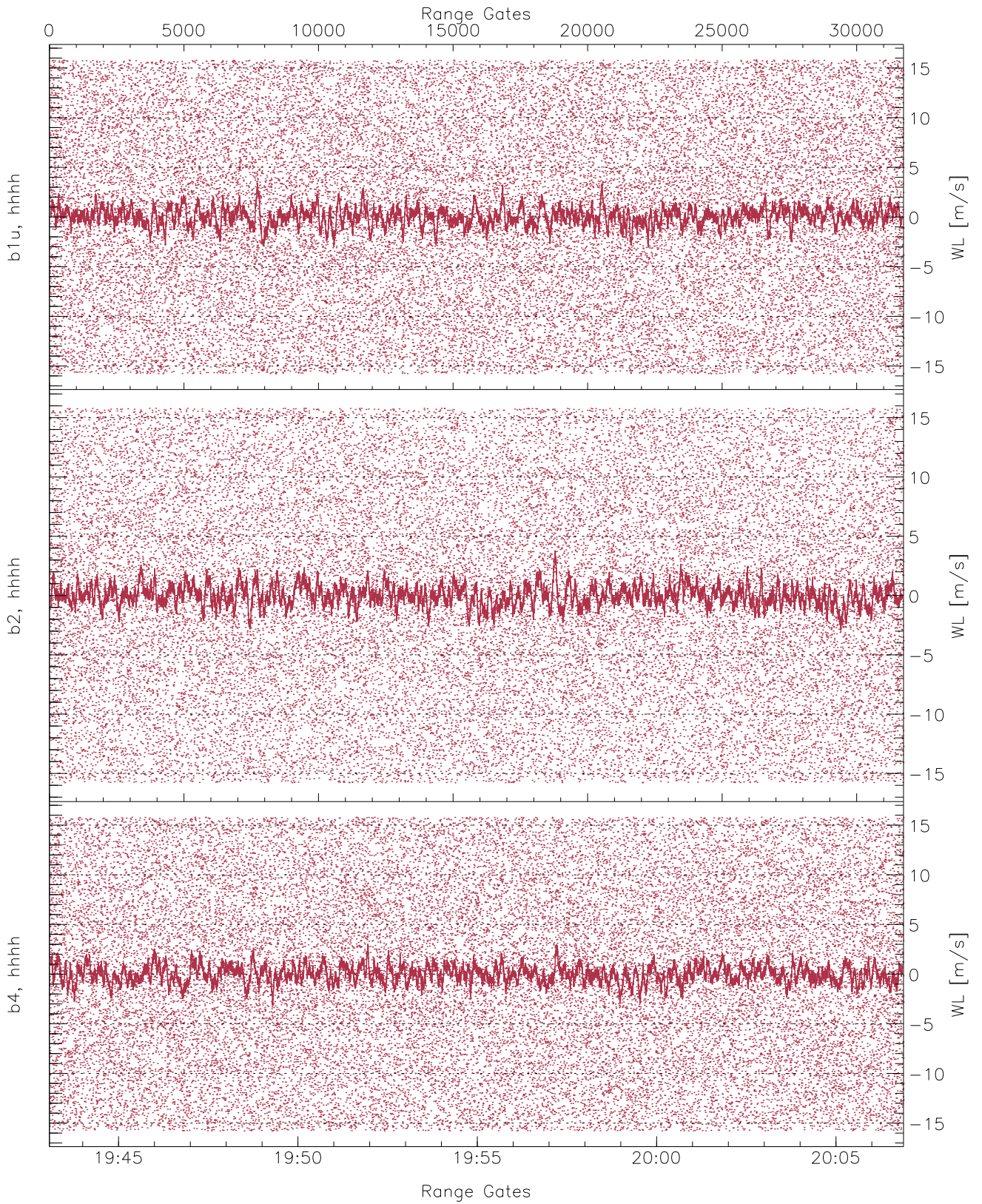




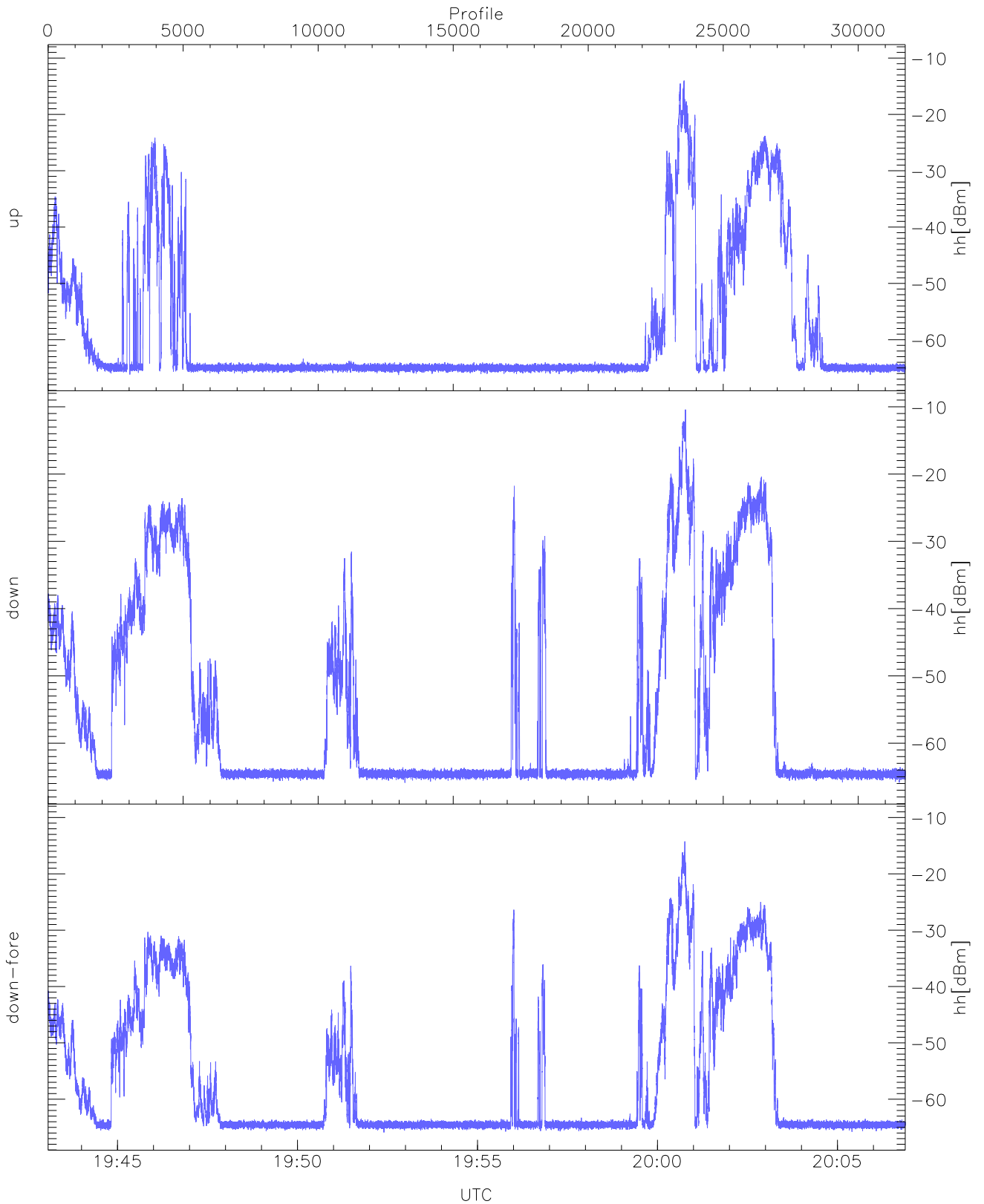
WCR3 CPP Averaged Received power for all recorded gates  
blue: 194304-195459, 15871 profiles averaged  
red: 195459-200653, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 194304-195459, 15871 profiles averaged  
red: 195459-200653, 15871 profiles averaged

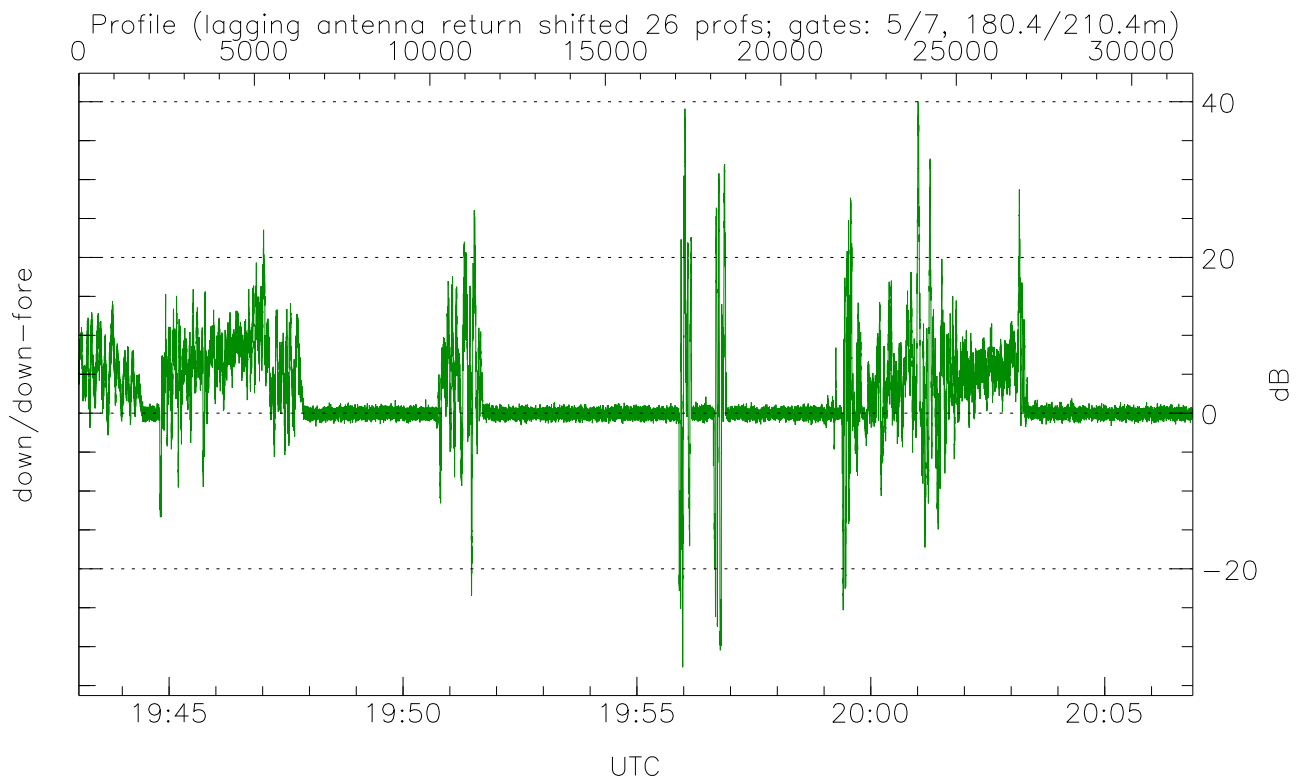
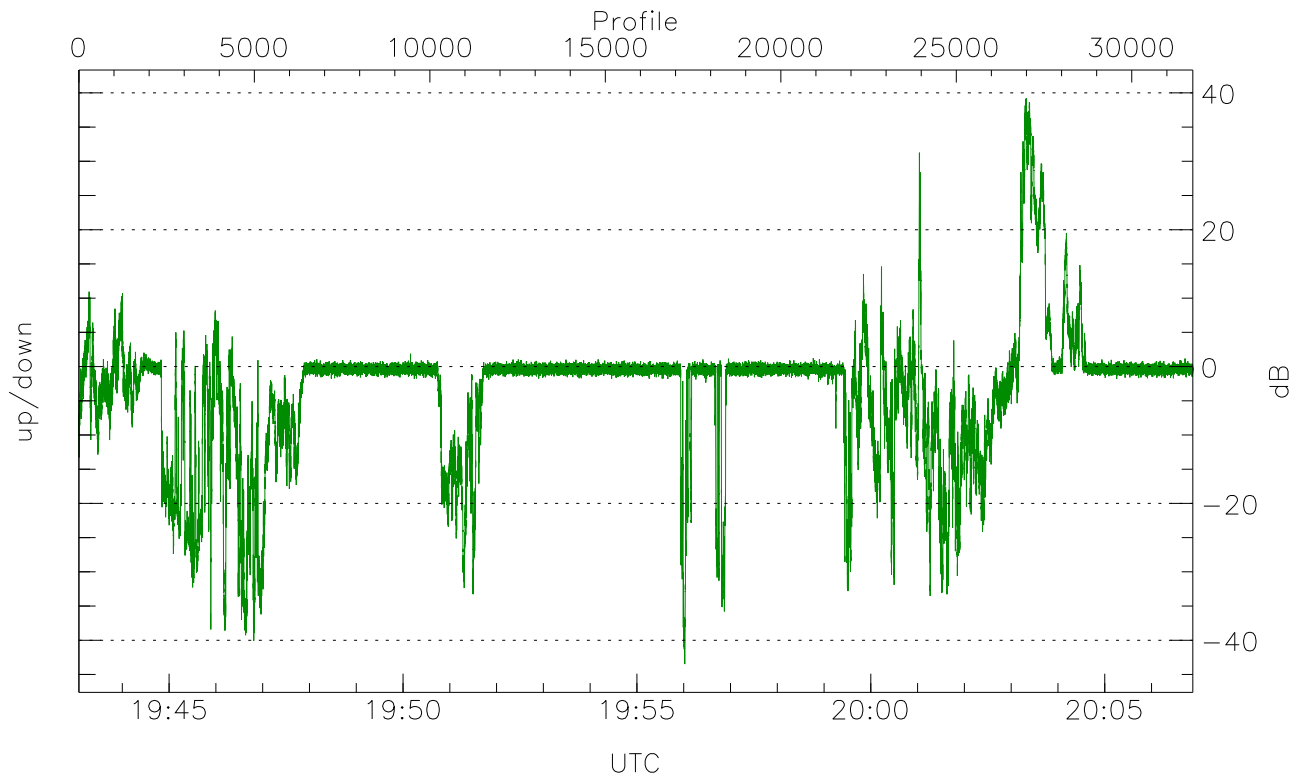


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



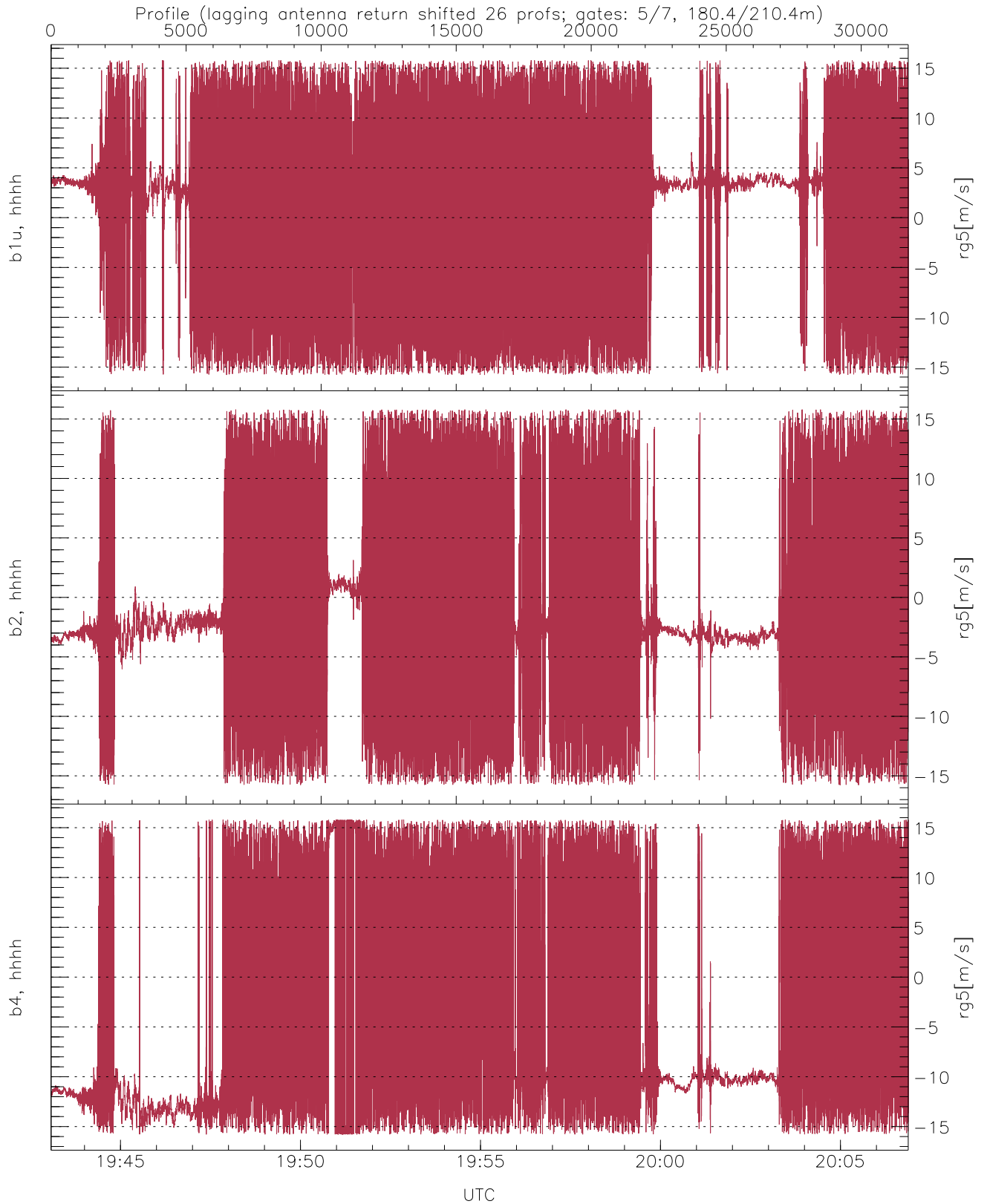
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.26	-14.00	-36.07
down(hh[dBm])	-65.89	-10.40	-32.60
down-fore(hh[dBm])	-65.90	-14.24	-37.22



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

	Min	Max	Mean
up/down (dB)	-43.48	39.21	-3.61
down/down-fore (dB)	-32.64	40.03	2.13



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.09	7.41
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.00	6.72
b4, hhhh(rg5[m/s])	-15.79	15.79	-3.94	9.40