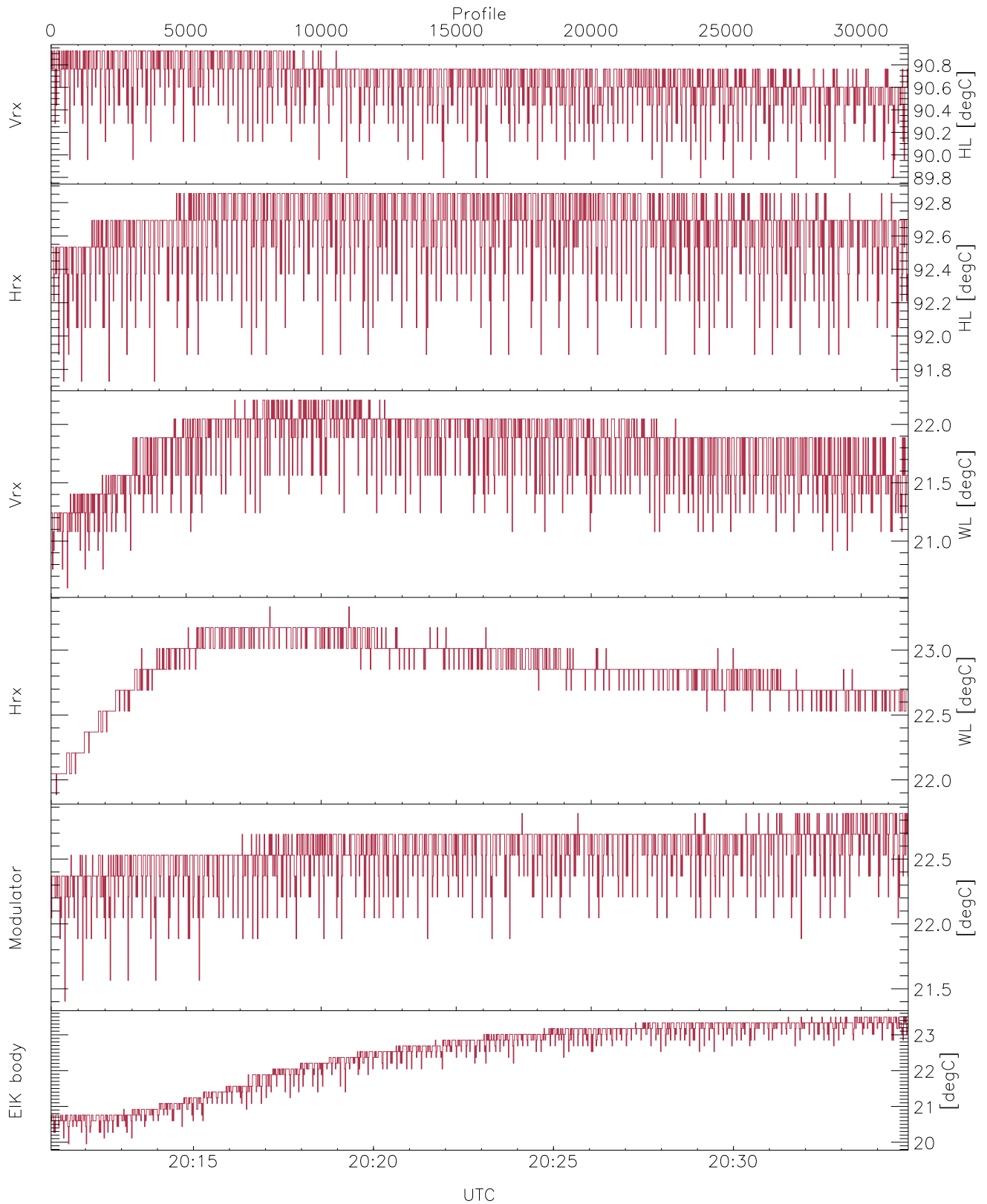


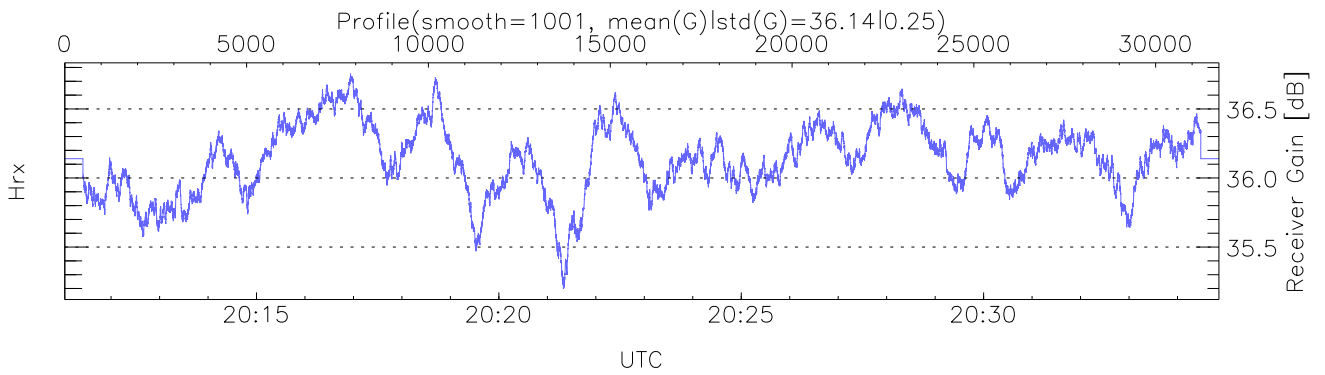
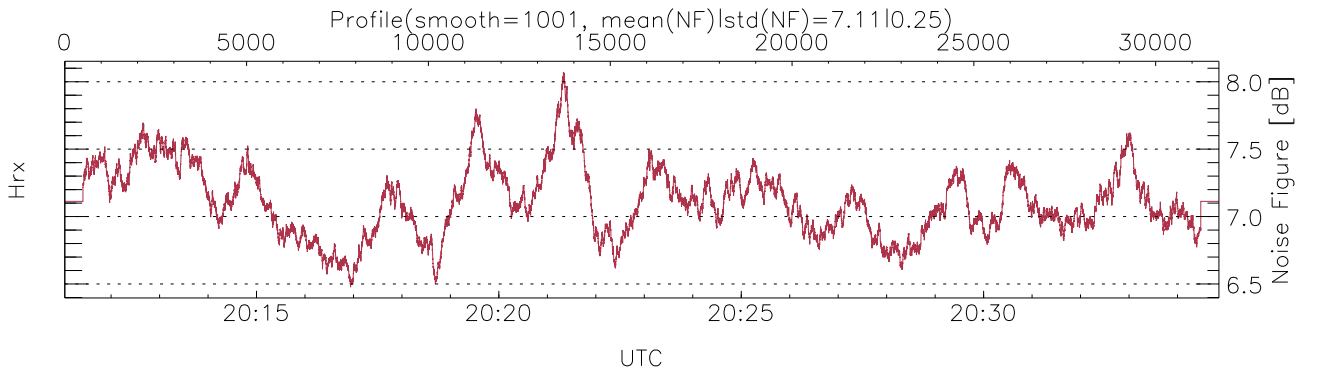
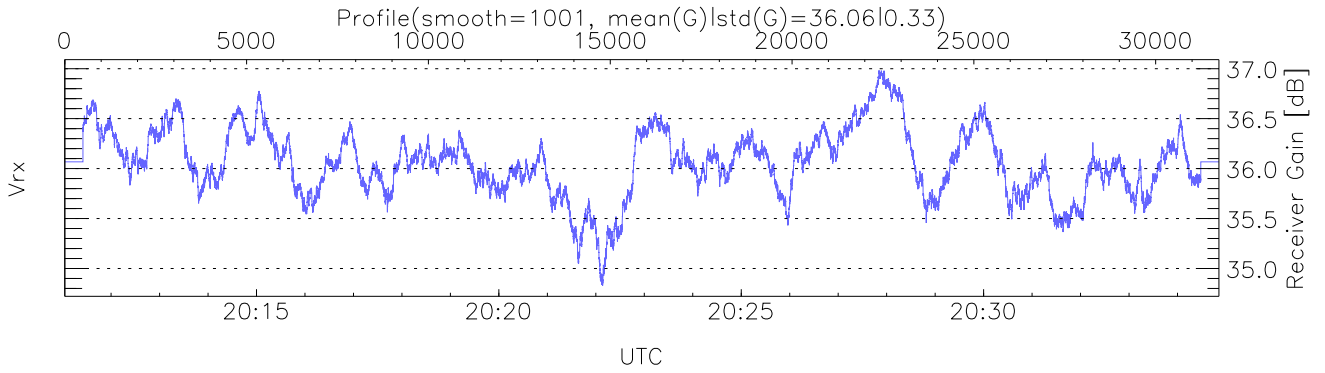
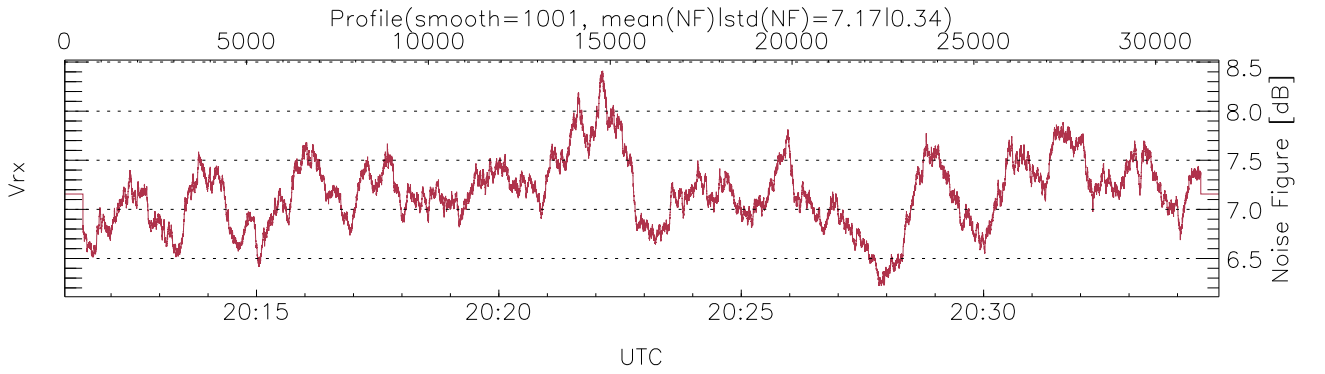
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:11:03-20:34:51, 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, 0-31740/20:11:03-20:34:51
 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



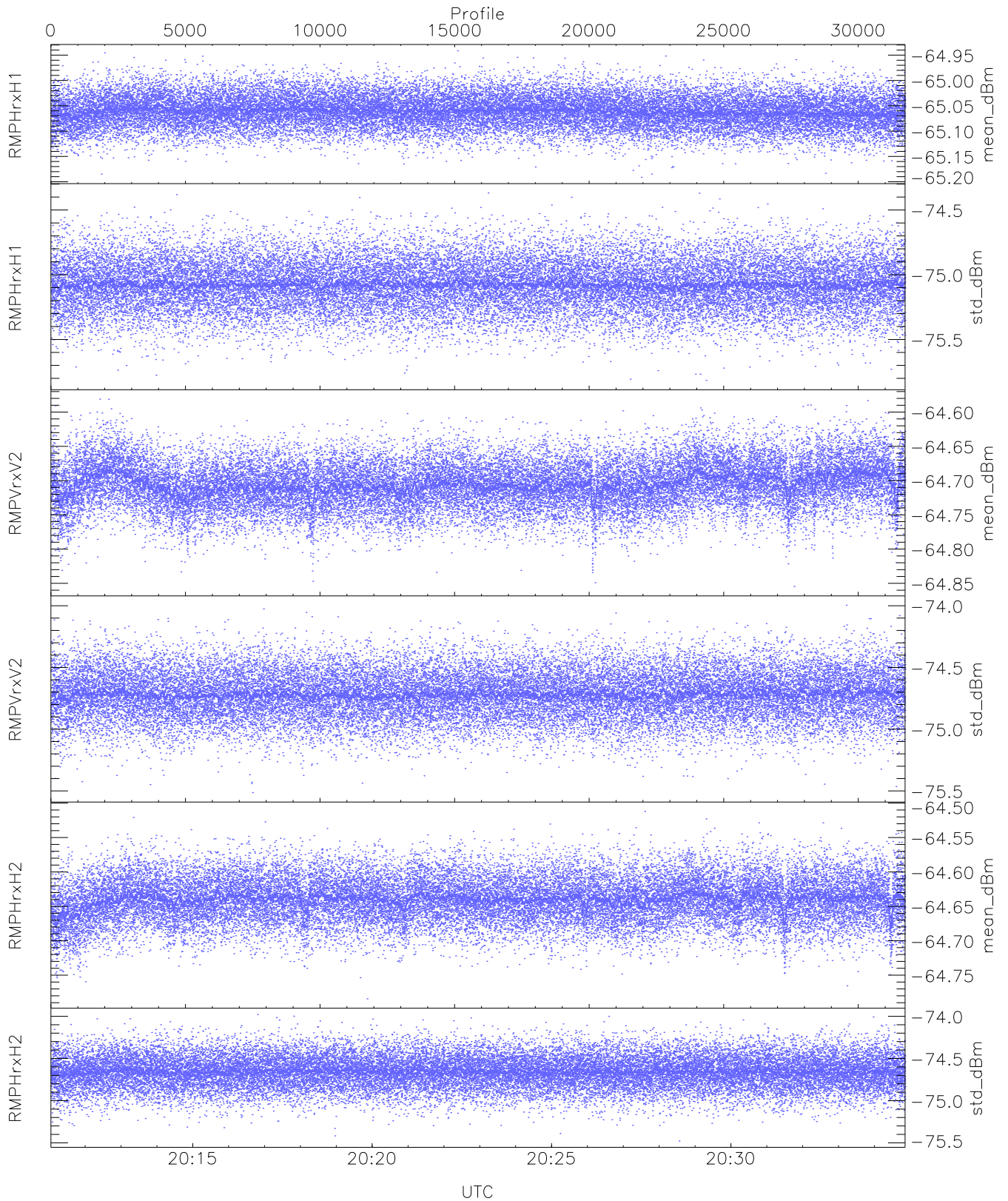
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,20,21,21,19
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,23,22,23
 LOalarm(20,240,2817,14861 MHz): 0,0,44,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS (44,44,92,22,92,44,44)



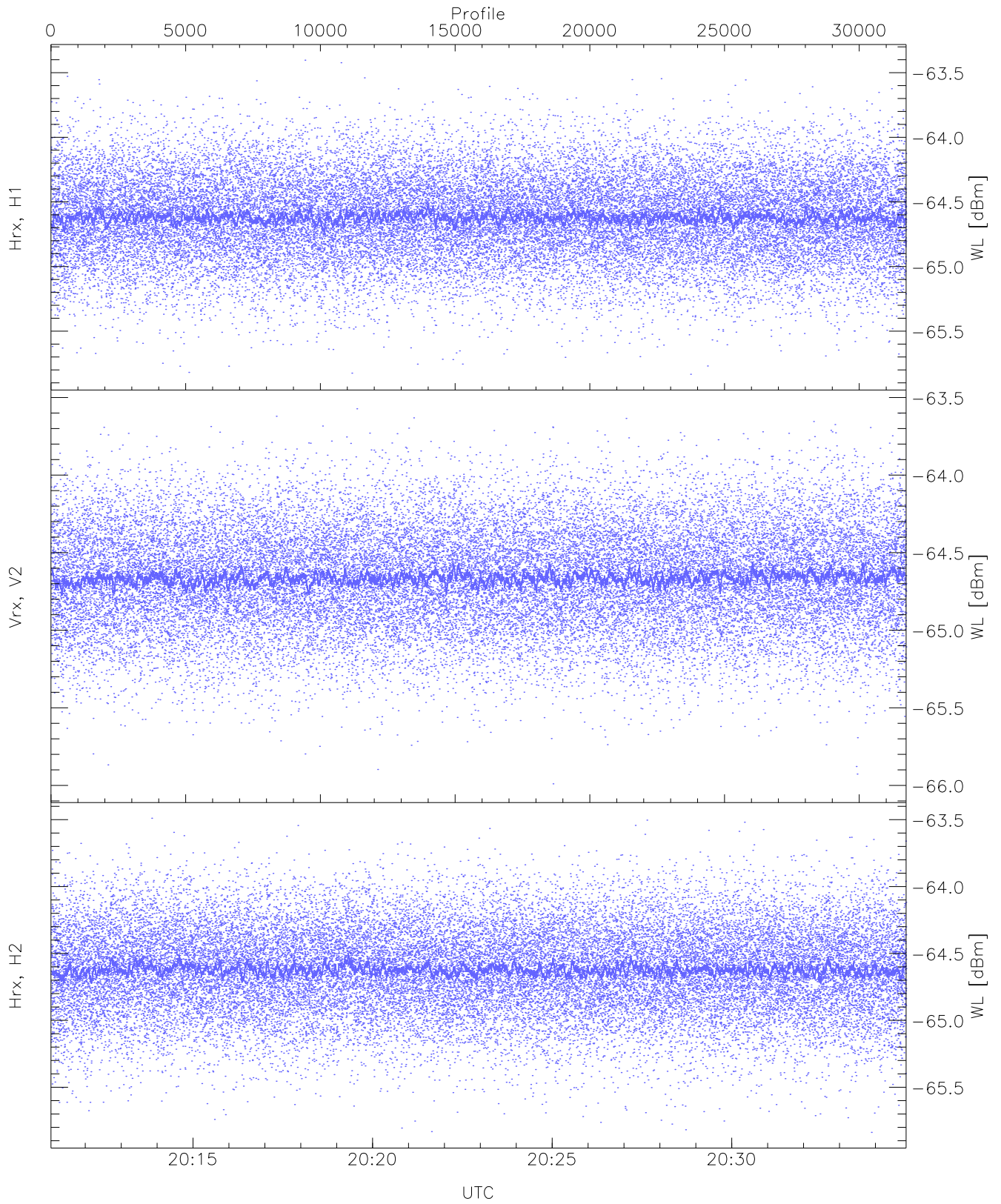
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 22 pixs, 8 gates, 22 profs, 1 prod(s)



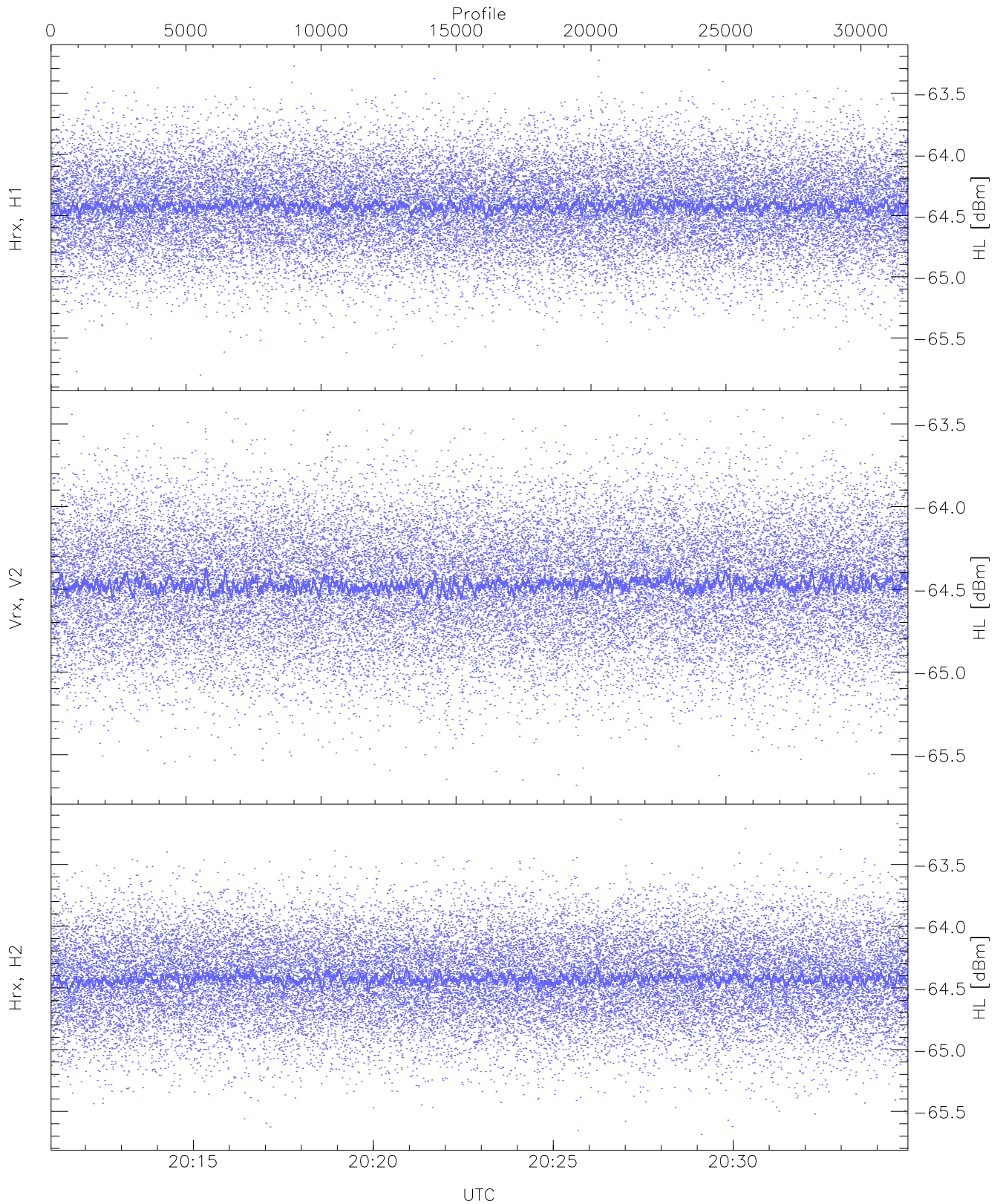
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.19	-64.94	-65.06	-65.06	-86.64
RMPHrxH1(std_dBm)	-75.82	-74.37	-75.08	-75.08	-88.87
RMPVrxV2(mean_dBm)	-64.85	-64.58	-64.71	-64.71	-85.97
RMPVrxV2(std_dBm)	-75.51	-74.00	-74.72	-74.72	-88.48
RMPHrxH2(mean_dBm)	-64.78	-64.51	-64.64	-64.64	-86.10
RMPHrxH2(std_dBm)	-75.48	-73.98	-74.66	-74.66	-88.45



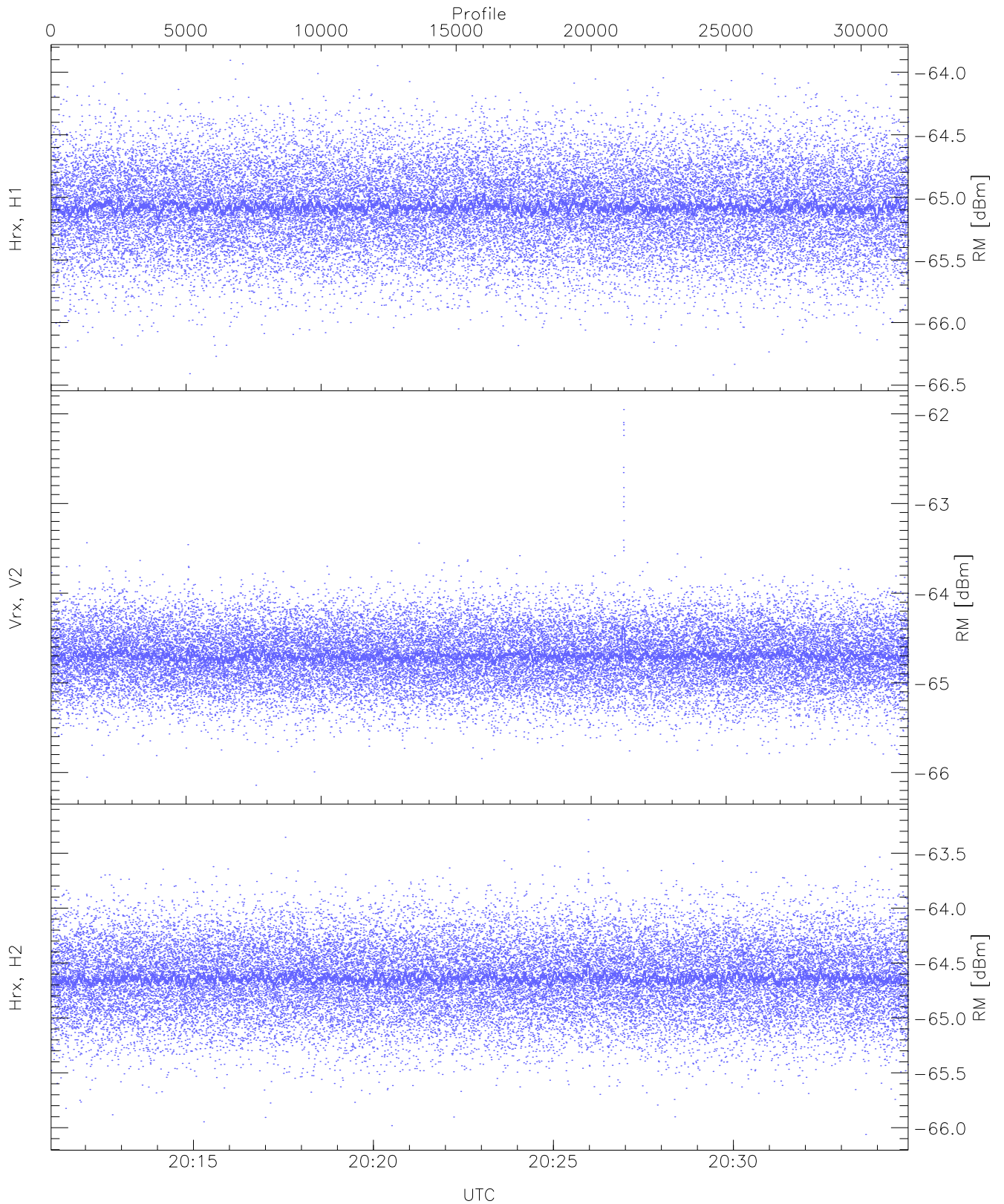
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.83	-63.40	-64.61	-64.62	-76.11
Vrx, V2 (WL [dBm])	-65.99	-63.57	-64.66	-64.66	-76.17
Hrx, H2 (WL [dBm])	-65.84	-63.49	-64.61	-64.62	-76.09



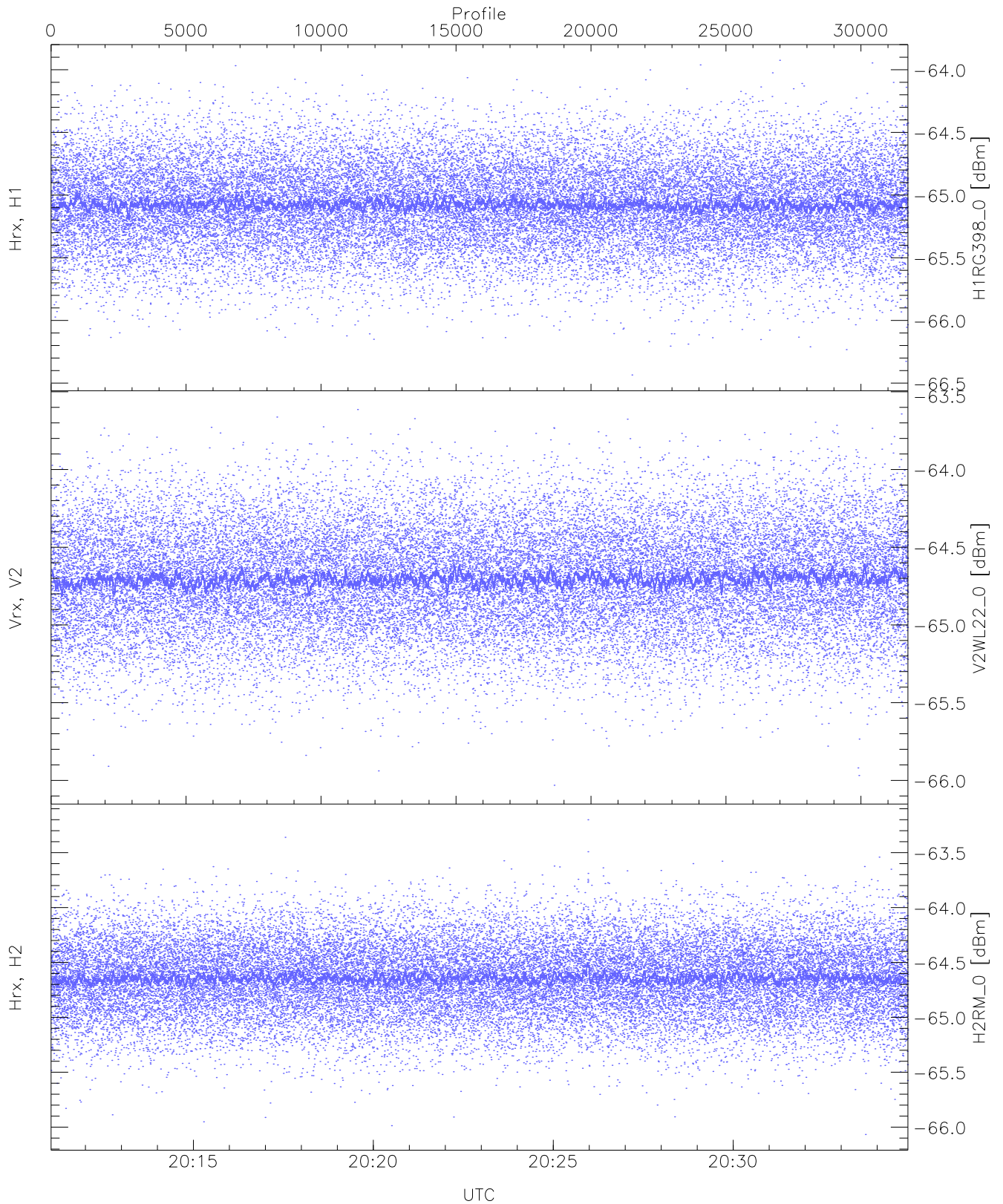
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.80	-63.23	-64.42	-64.42	-75.92
Vrx, V2 (HL [dBm])	-65.68	-63.41	-64.47	-64.47	-75.98
Hrx, H2 (HL [dBm])	-65.69	-63.14	-64.42	-64.43	-75.93



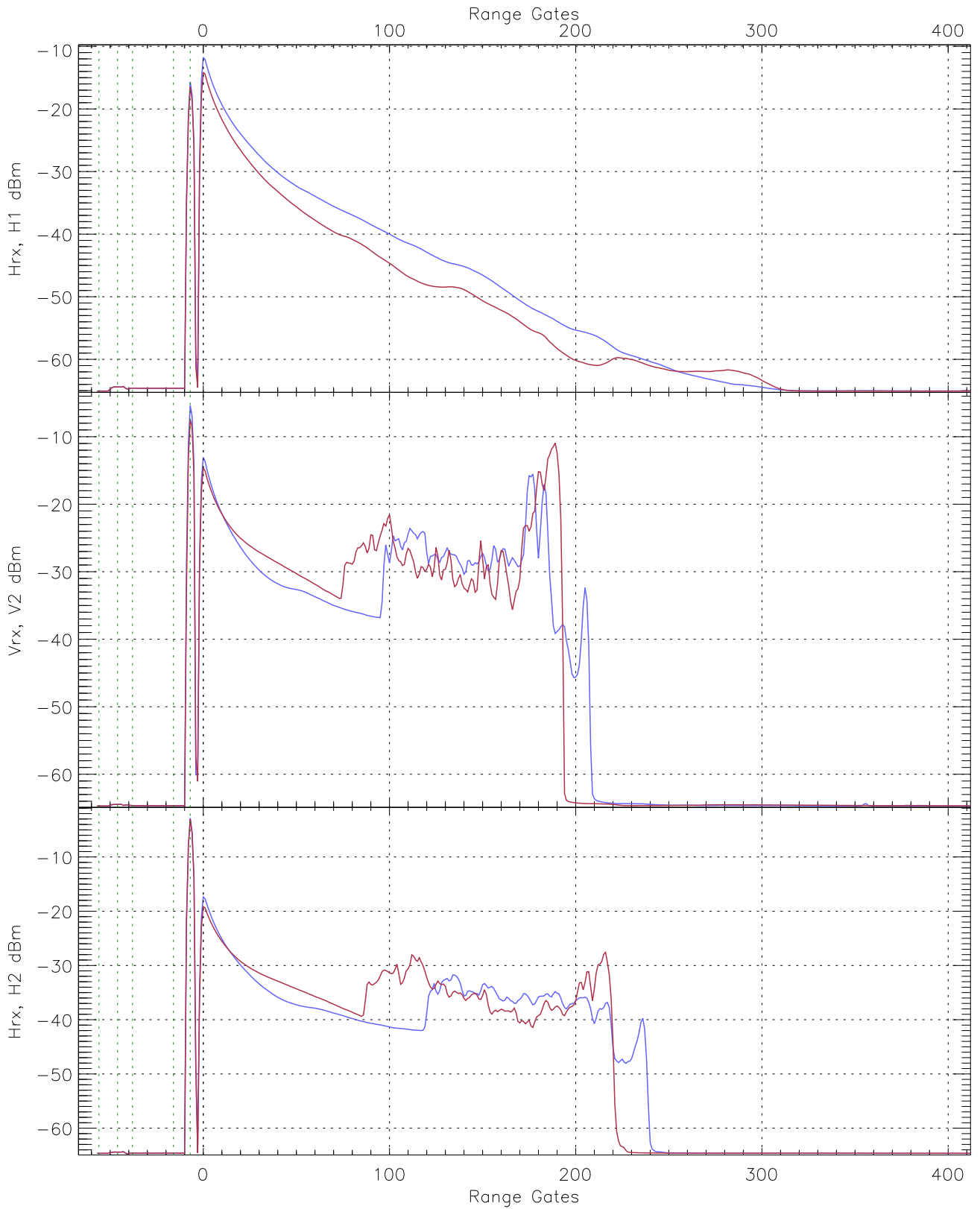
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.42	-63.90	-65.07	-65.08	-76.58
Vrx, V2 (RM [dBm])	-66.14	-61.95	-64.69	-64.70	-76.09
Hrx, H2 (RM [dBm])	-66.06	-63.20	-64.63	-64.64	-76.12

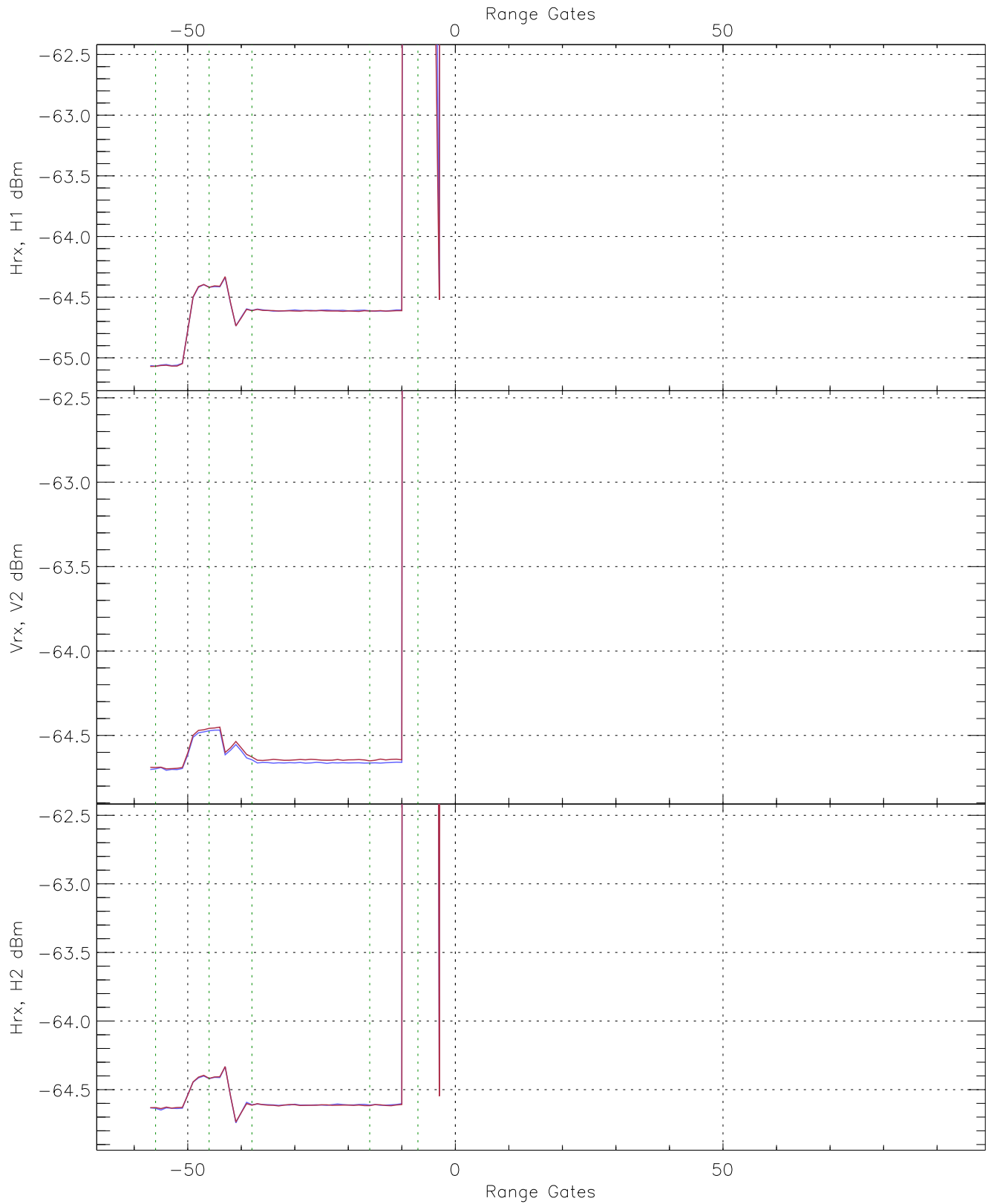


WCR3 CPP "Best" estimate Receivers Noise Power

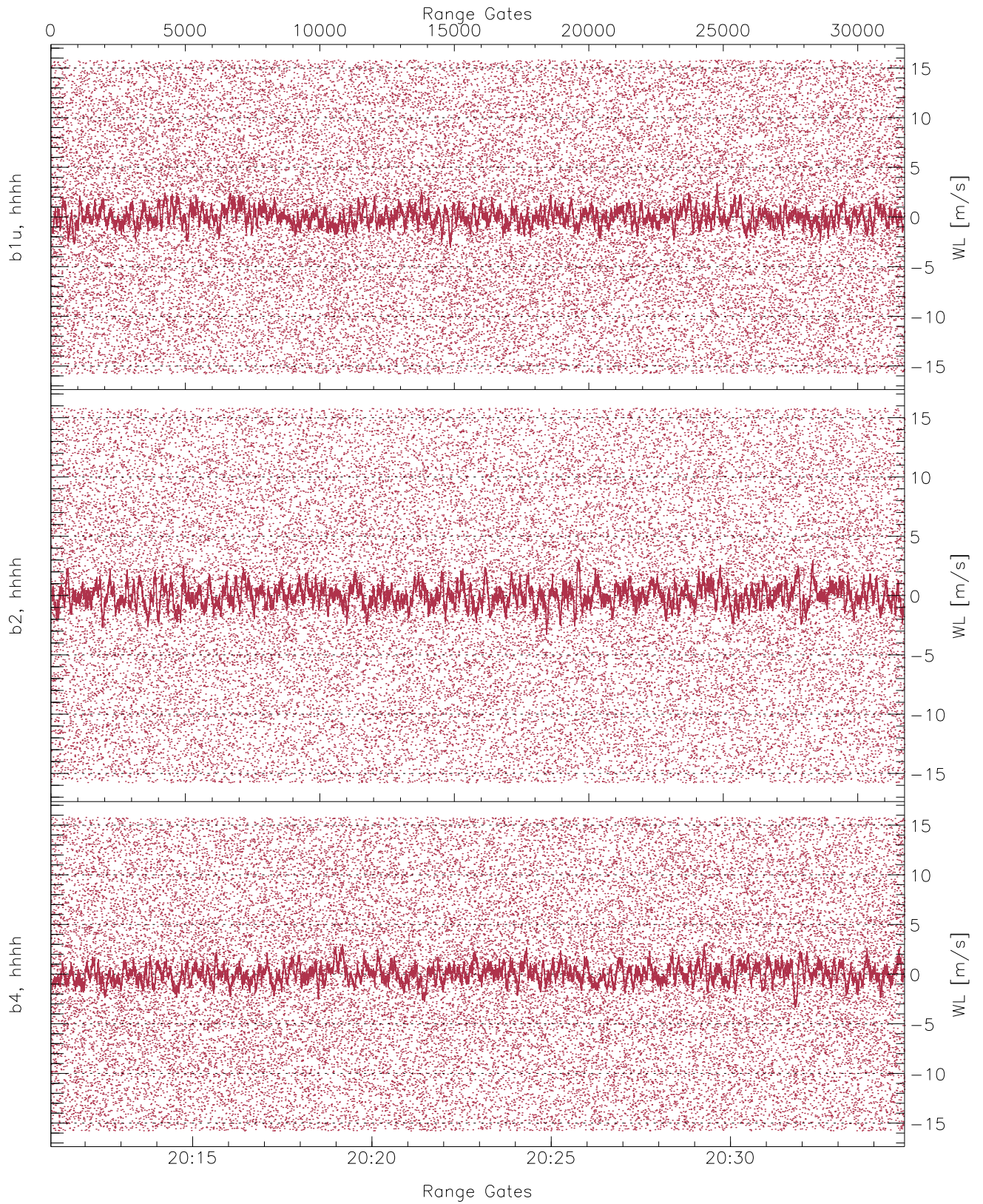
	Min	Max	Mean	Median	StDev
H1RG398_0 [dBm]	-66.44	-63.92	-65.07	-65.08	-76.56
V2WL22_0 [dBm]	-66.03	-63.61	-64.70	-64.70	-76.21
H2RM_0 [dBm]	-66.07	-63.20	-64.64	-64.65	-76.13



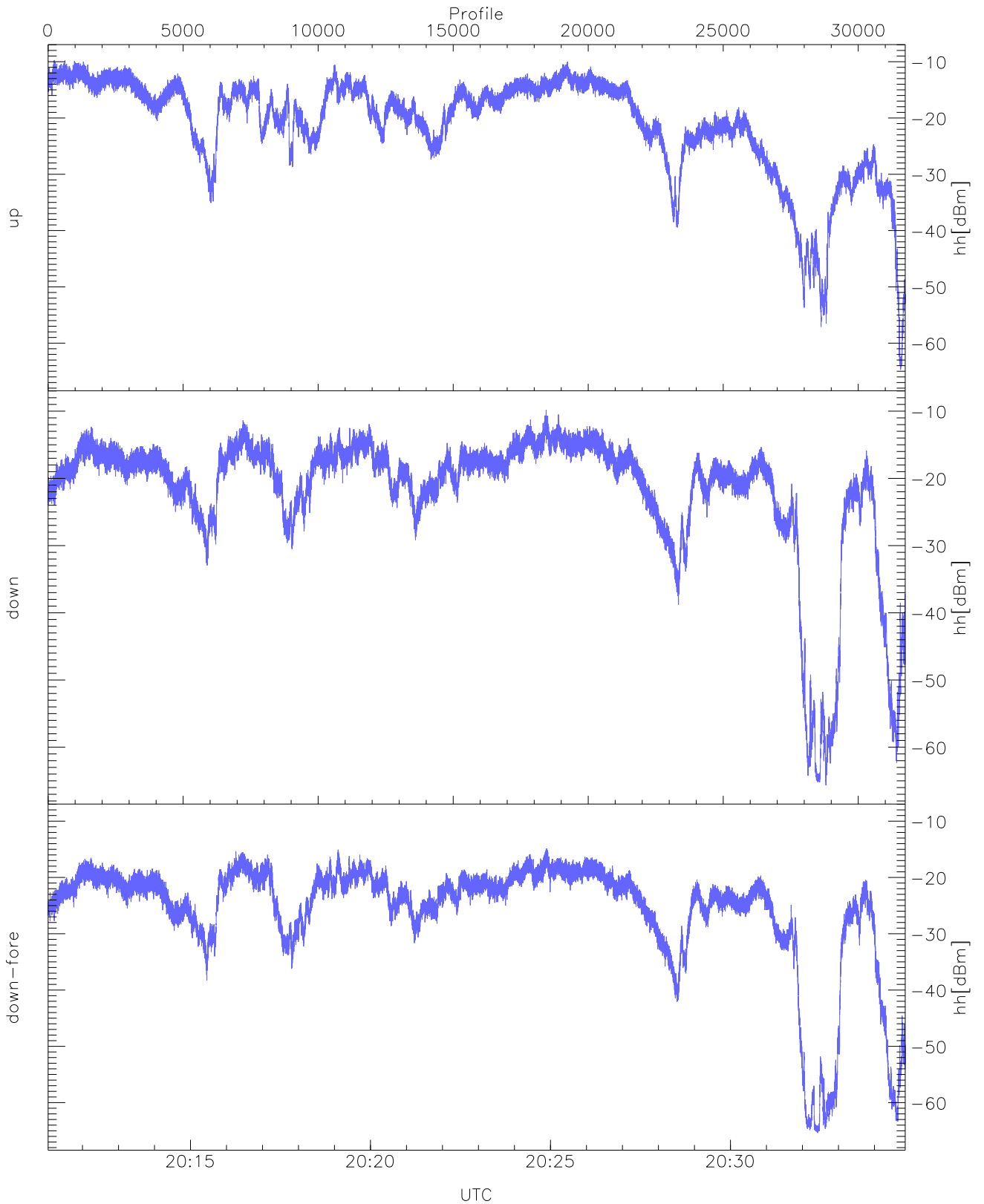
WCR3 CPP Averaged Received power for all recorded gates
blue: 201103-202257, 15871 profiles averaged
red: 202257-203451, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 201103-202257, 15871 profiles averaged
red: 202257-203451, 15871 profiles averaged

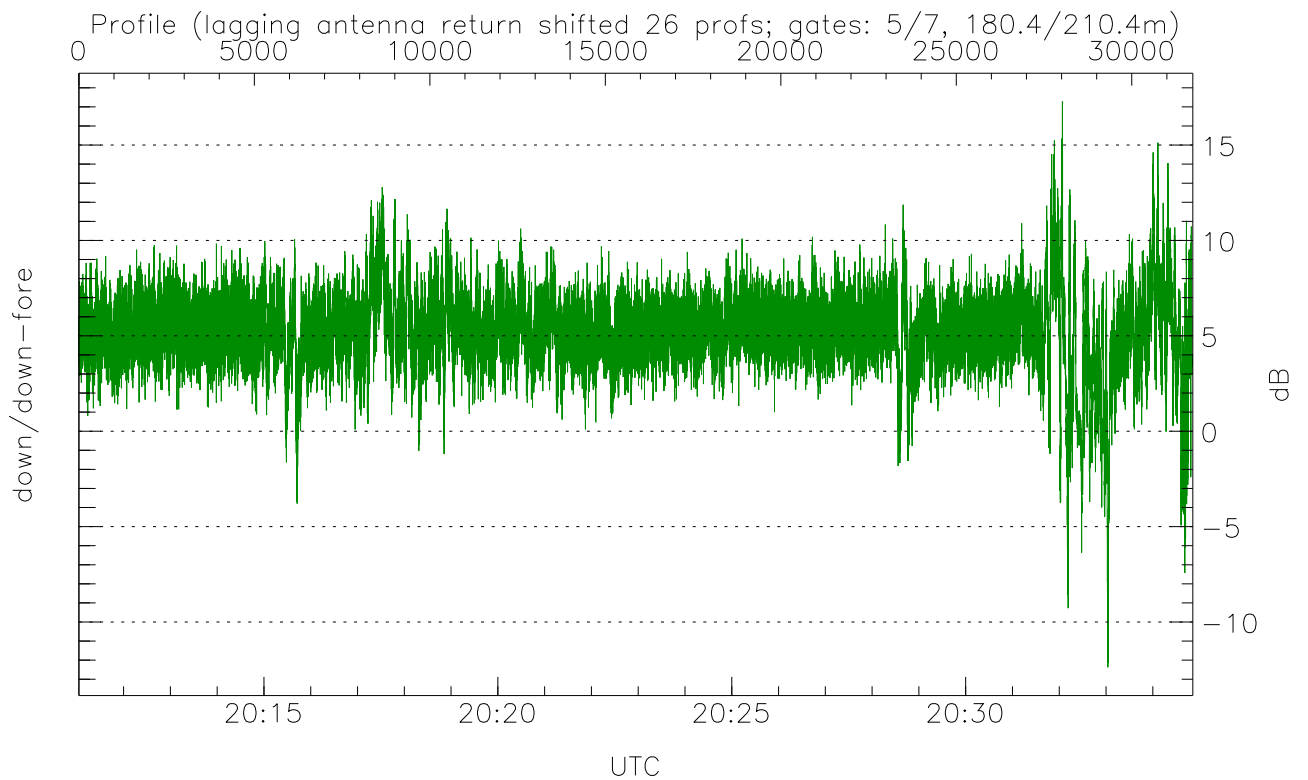
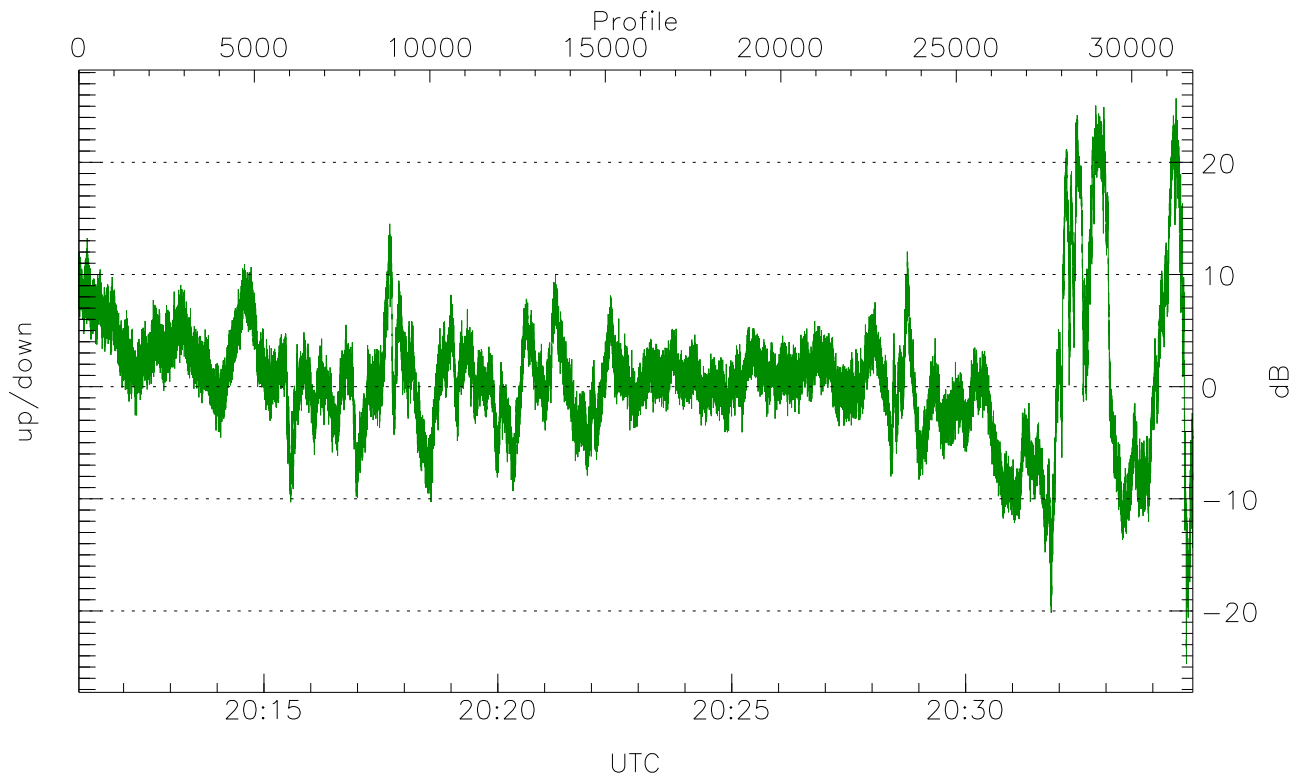


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



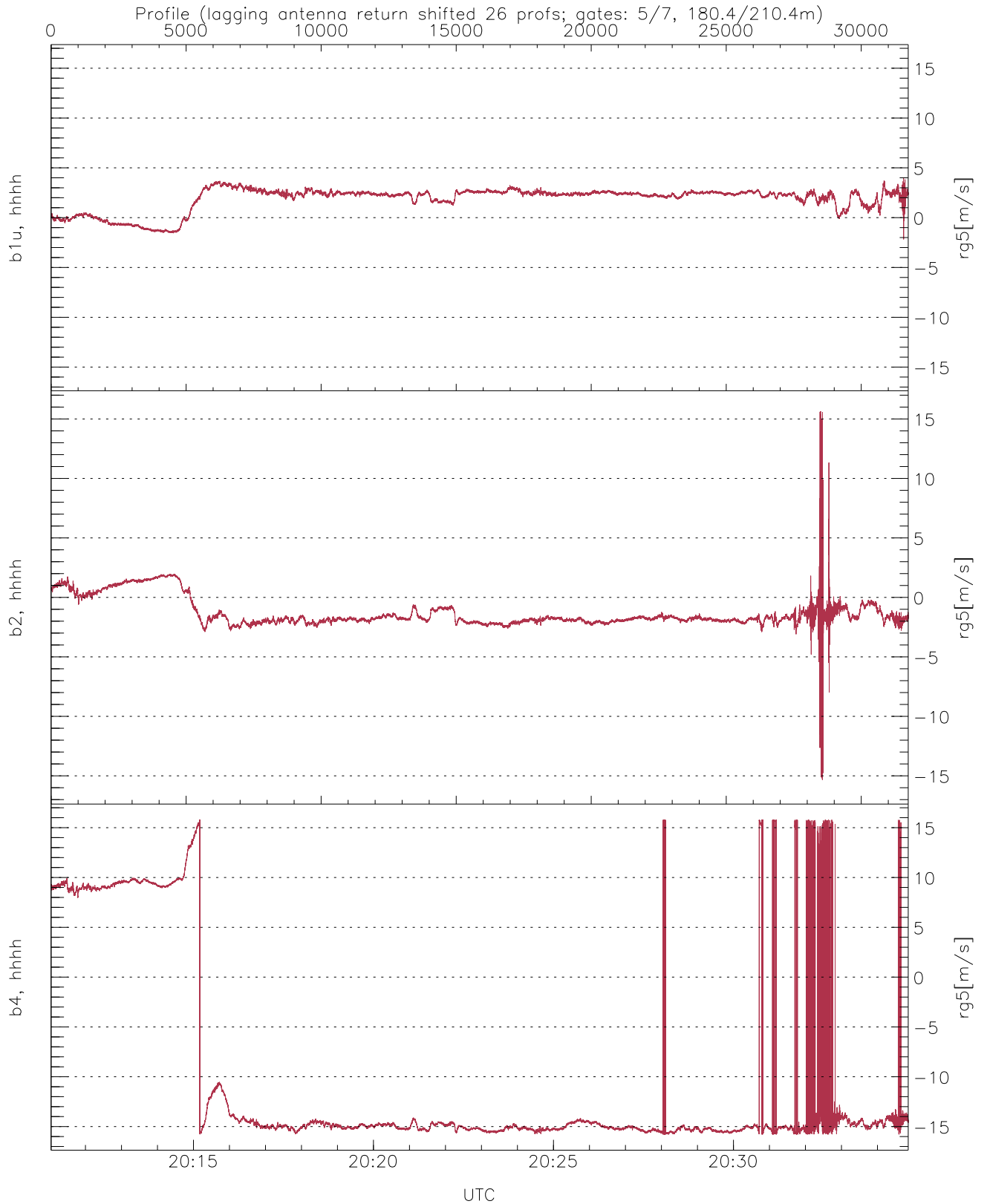
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-64.74	-9.75	-16.96
down(hh[dBm])	-65.66	-9.81	-18.16
down-fore(hh[dBm])	-65.38	-14.86	-22.08



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

	Min	Max	Mean
up/down (dB)	-24.73	25.70	0.86
down/down-fore (dB)	-12.37	17.28	5.23



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.18	4.02	1.88	1.19
b2, hhhh(rg5[m/s])	-15.34	15.65	-1.31	1.26
b4, hhhh(rg5[m/s])	-15.79	15.79	-10.06	9.92