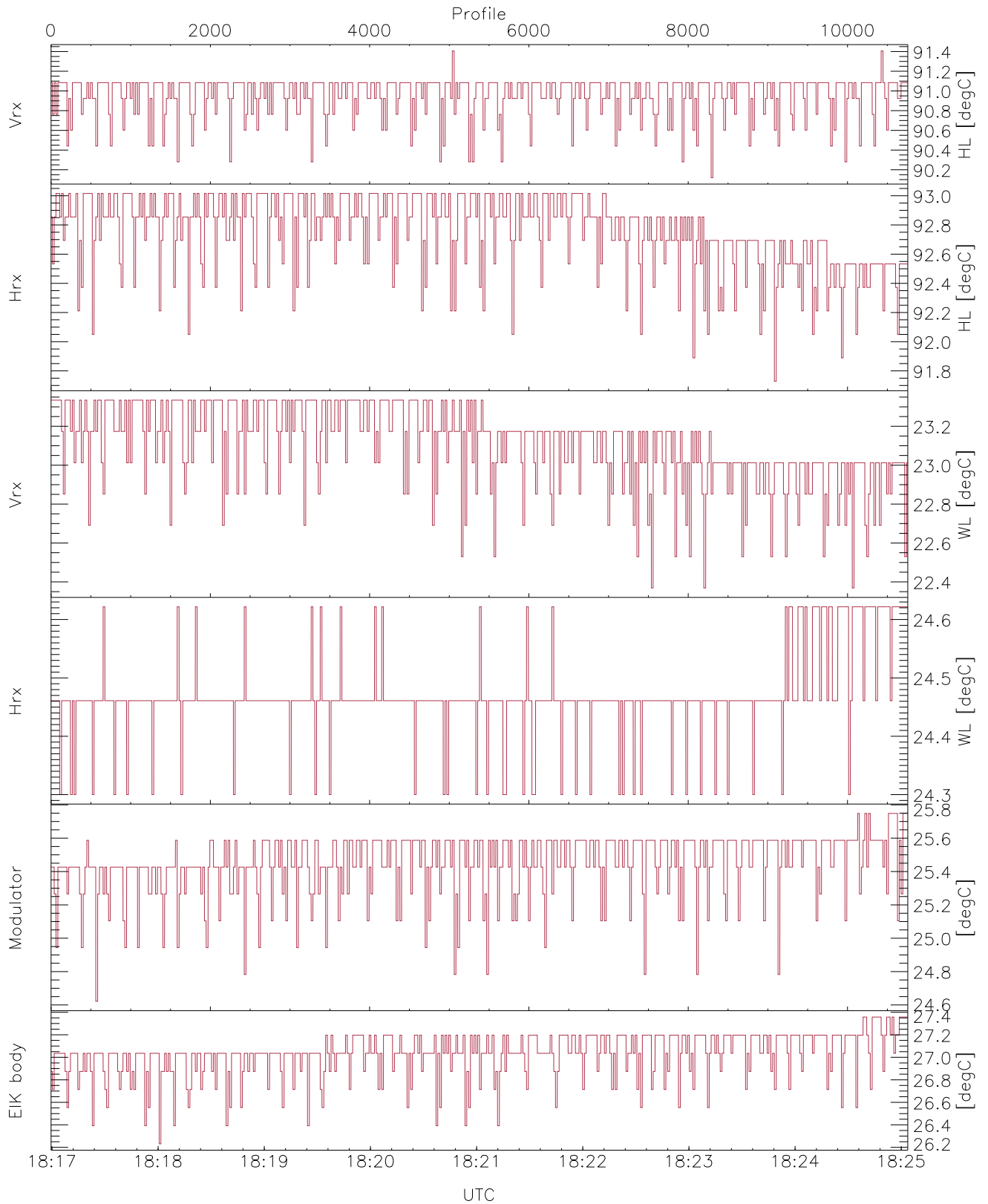


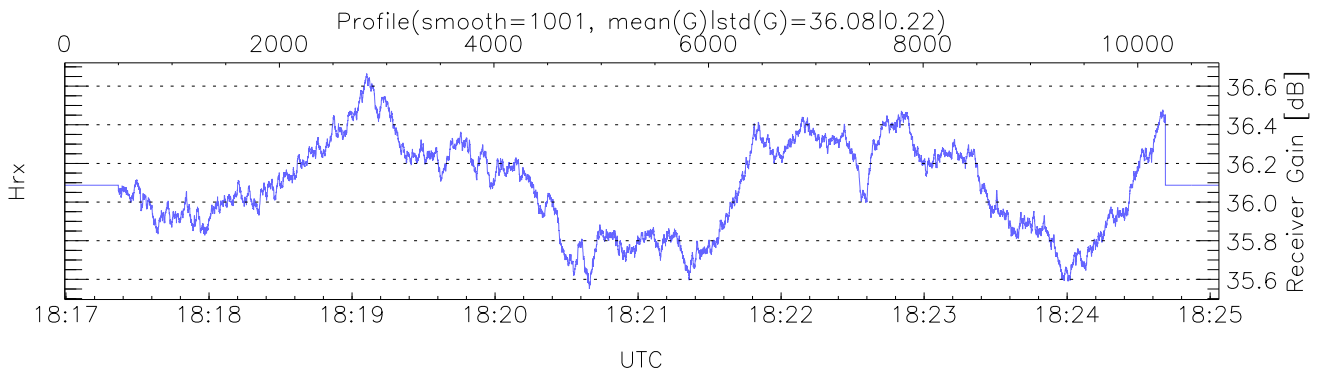
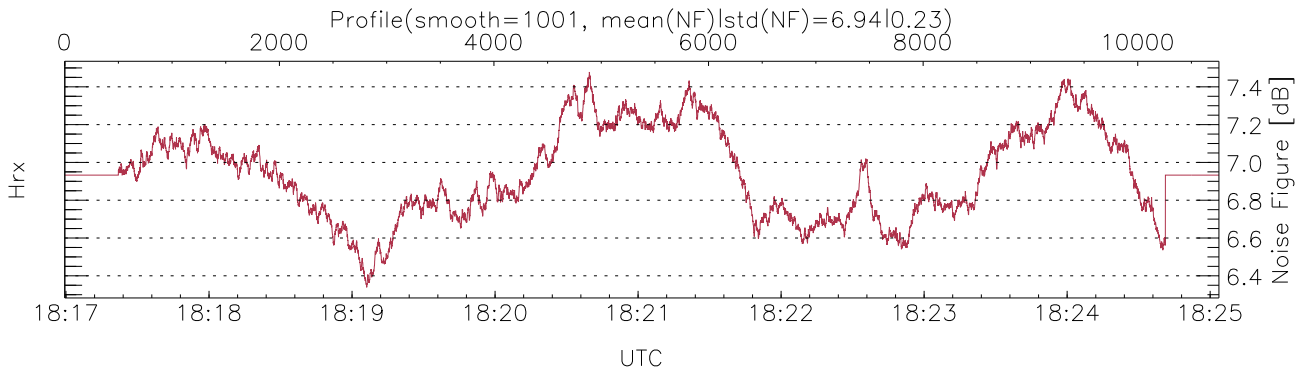
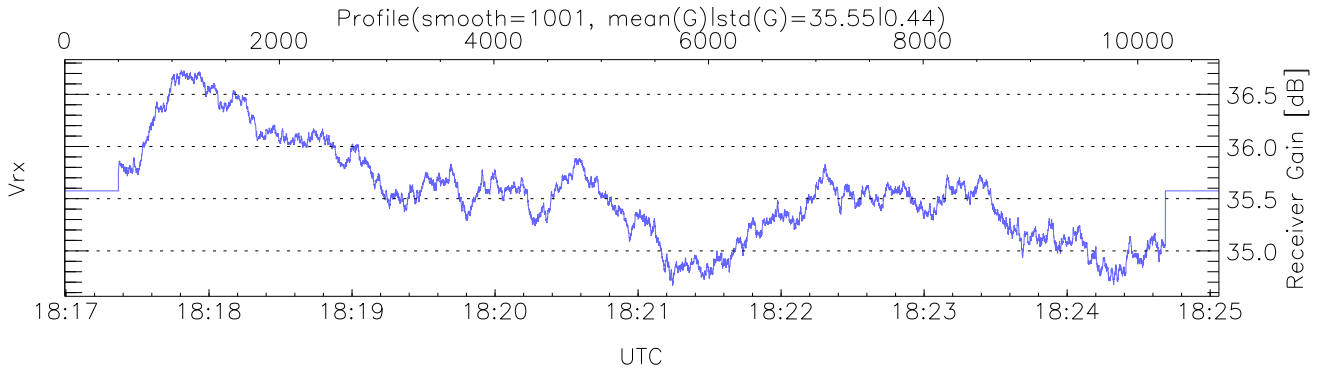
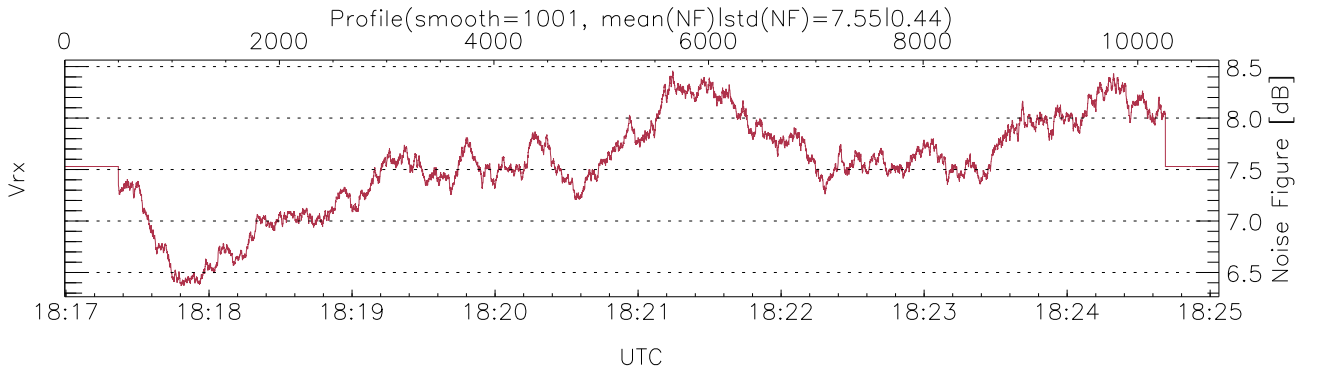
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:17:00-18:25:04, TimeCor: 0.00s, Dur: 484.19s
 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): 10758/10758, 0-10757/18:17:00-18:25:04
 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



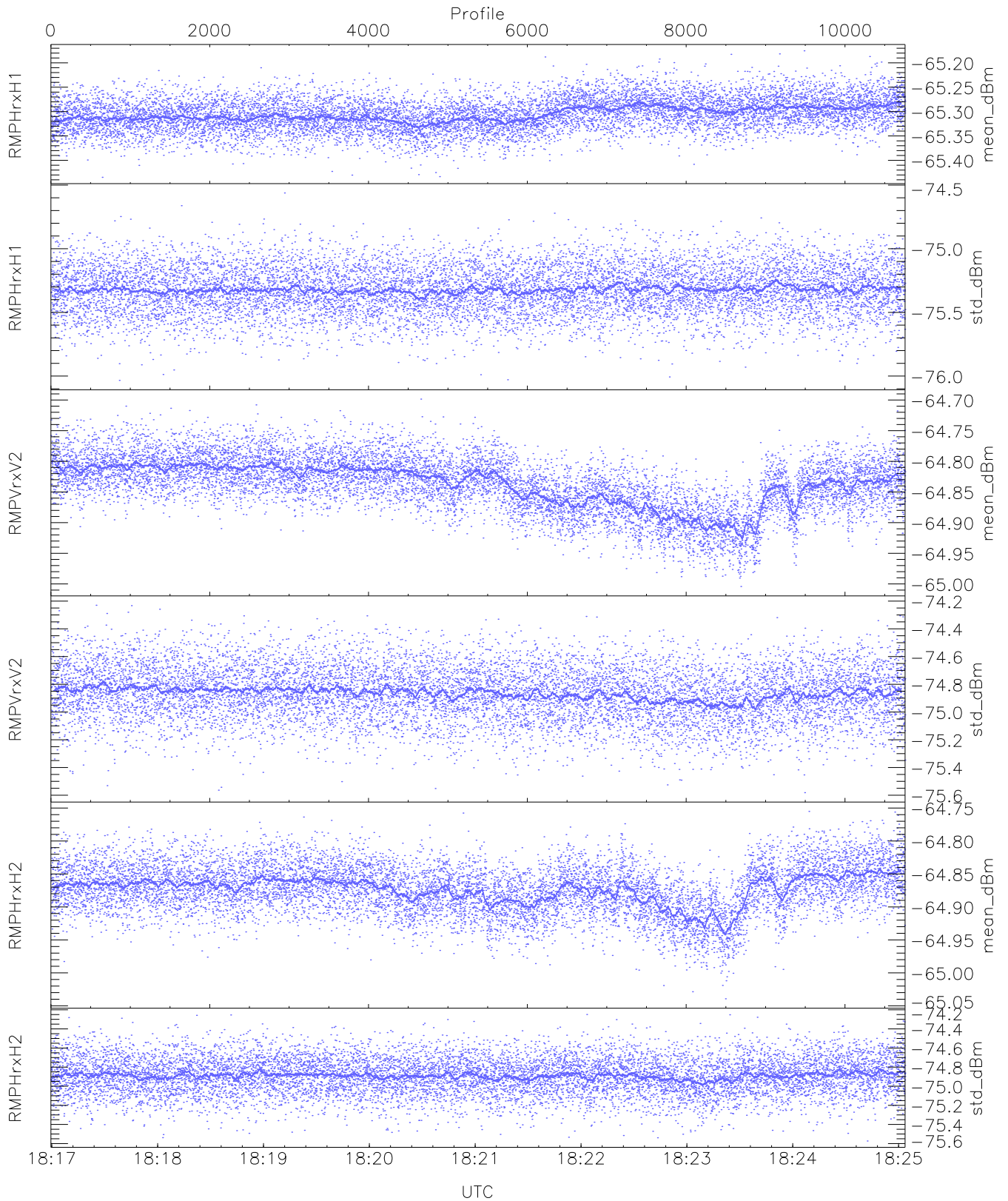
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,24,26
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,24,25,27
 LOalarm(20,240,2817,14861 MHz): 0,0,22,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)



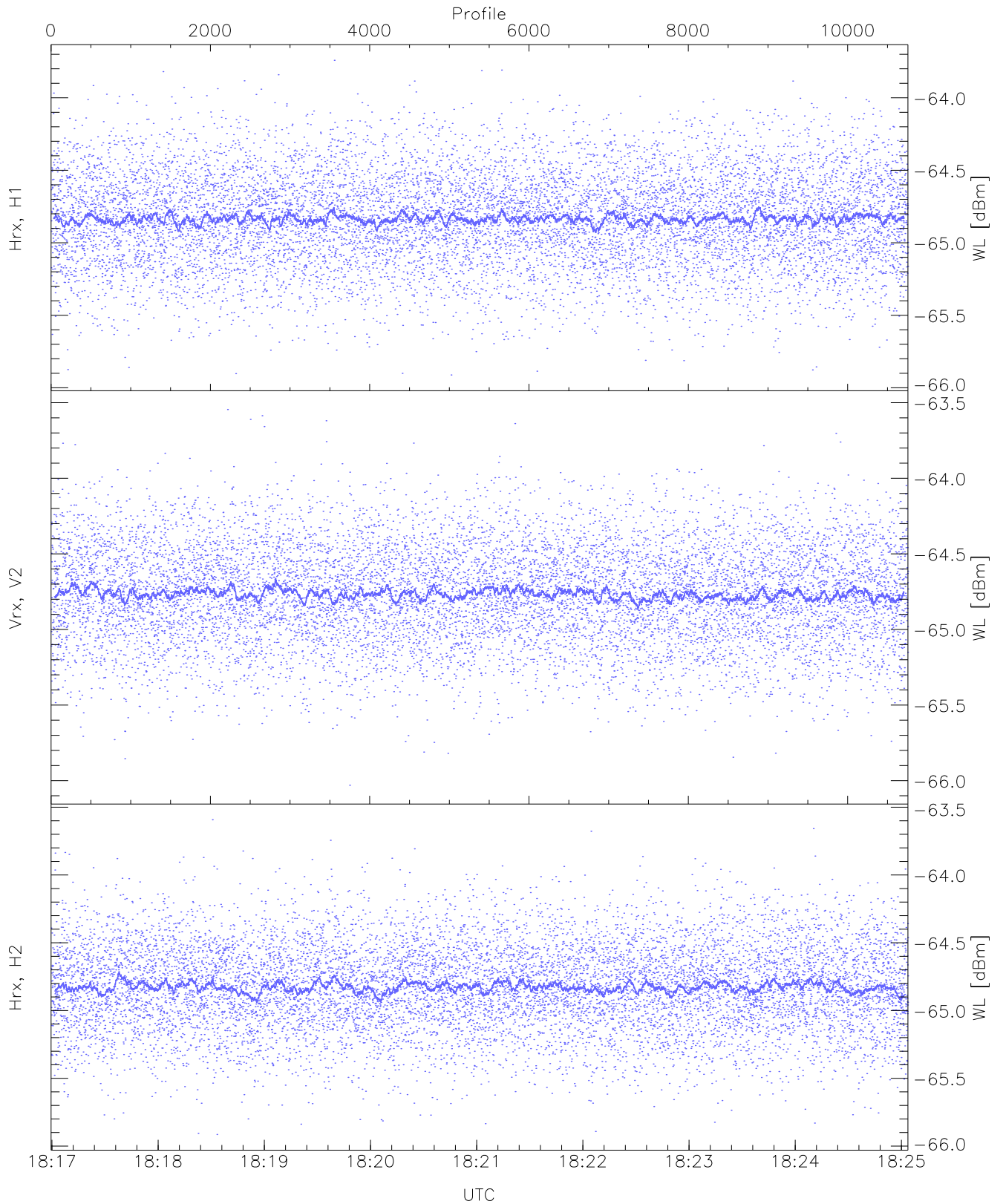
WCR3 CPP Receivers Gain and Noise Figure

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



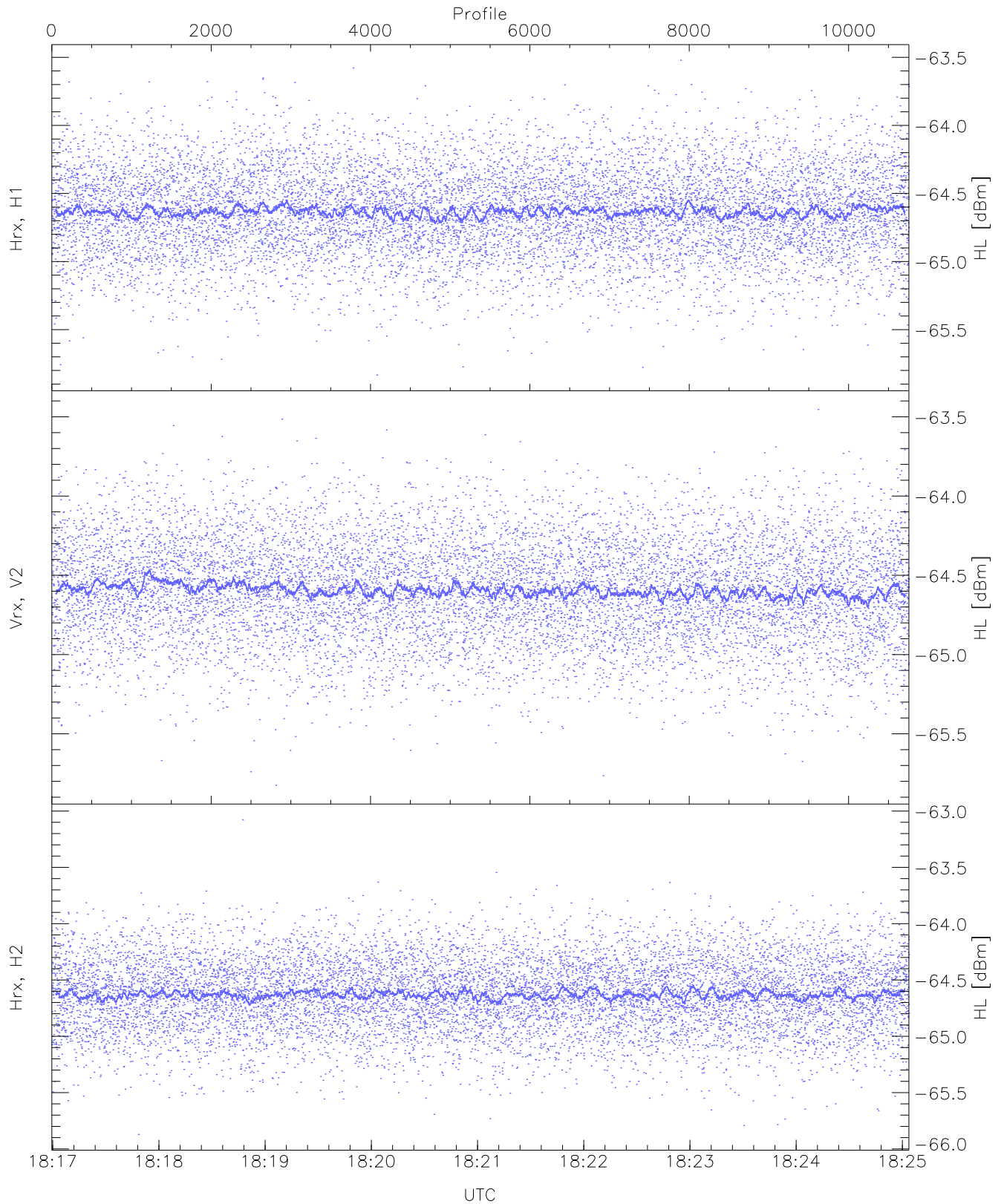
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.43	-65.18	-65.31	-65.31	-86.58
RMPHrxH1(std_dBm)	-76.03	-74.56	-75.32	-75.32	-89.13
RMPVrxV2(mean_dBm)	-65.00	-64.70	-64.84	-64.83	-84.77
RMPVrxV2(std_dBm)	-75.58	-74.23	-74.86	-74.86	-88.56
RMPHrxH2(mean_dBm)	-65.04	-64.76	-64.87	-64.87	-85.67
RMPHrxH2(std_dBm)	-75.57	-74.25	-74.89	-74.89	-88.62



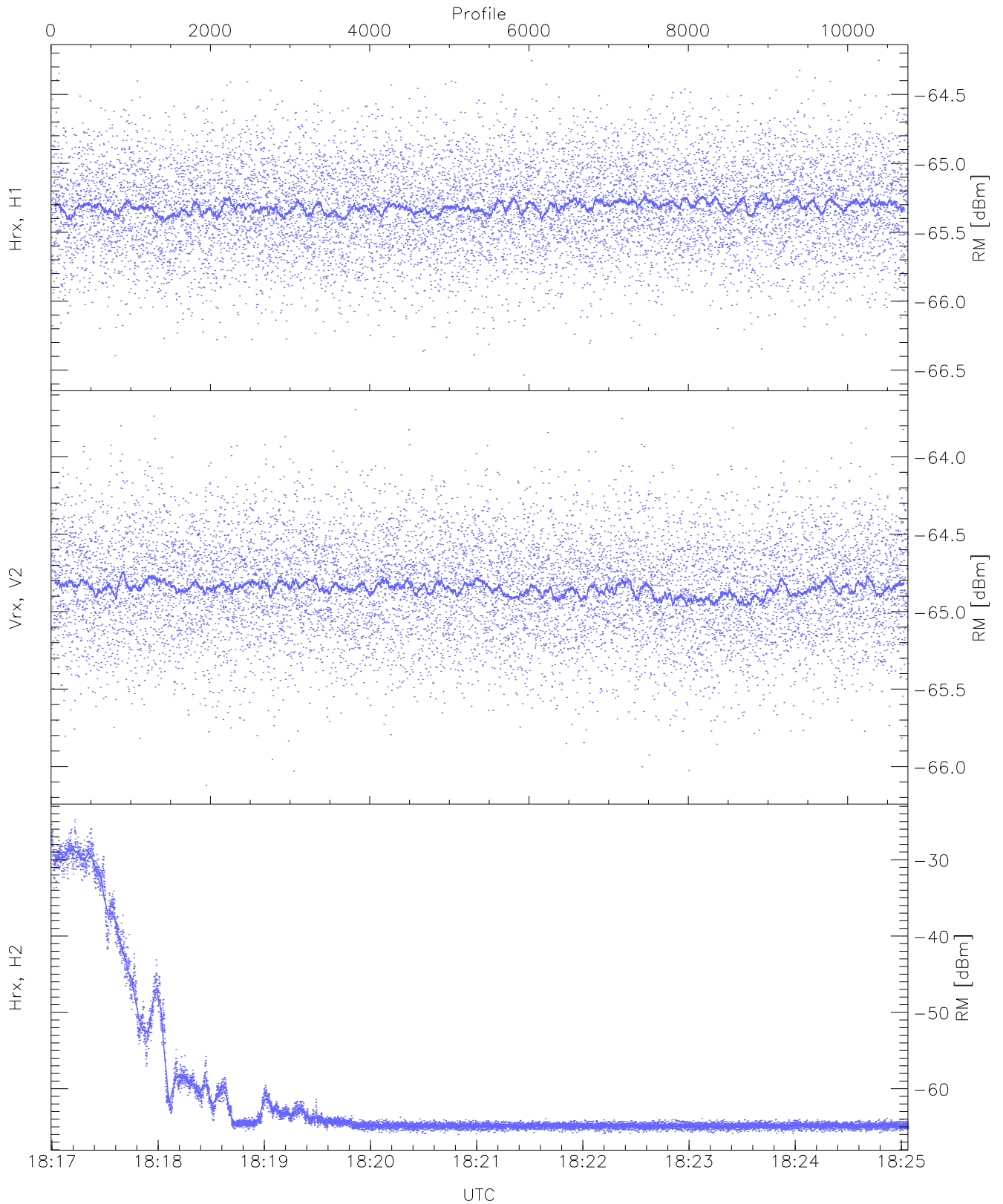
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.91	-63.74	-64.83	-64.83	-76.34
Vrx, V2 (WL [dBm])	-66.03	-63.55	-64.76	-64.77	-76.25
Hrx, H2 (WL [dBm])	-65.91	-63.59	-64.82	-64.83	-76.35



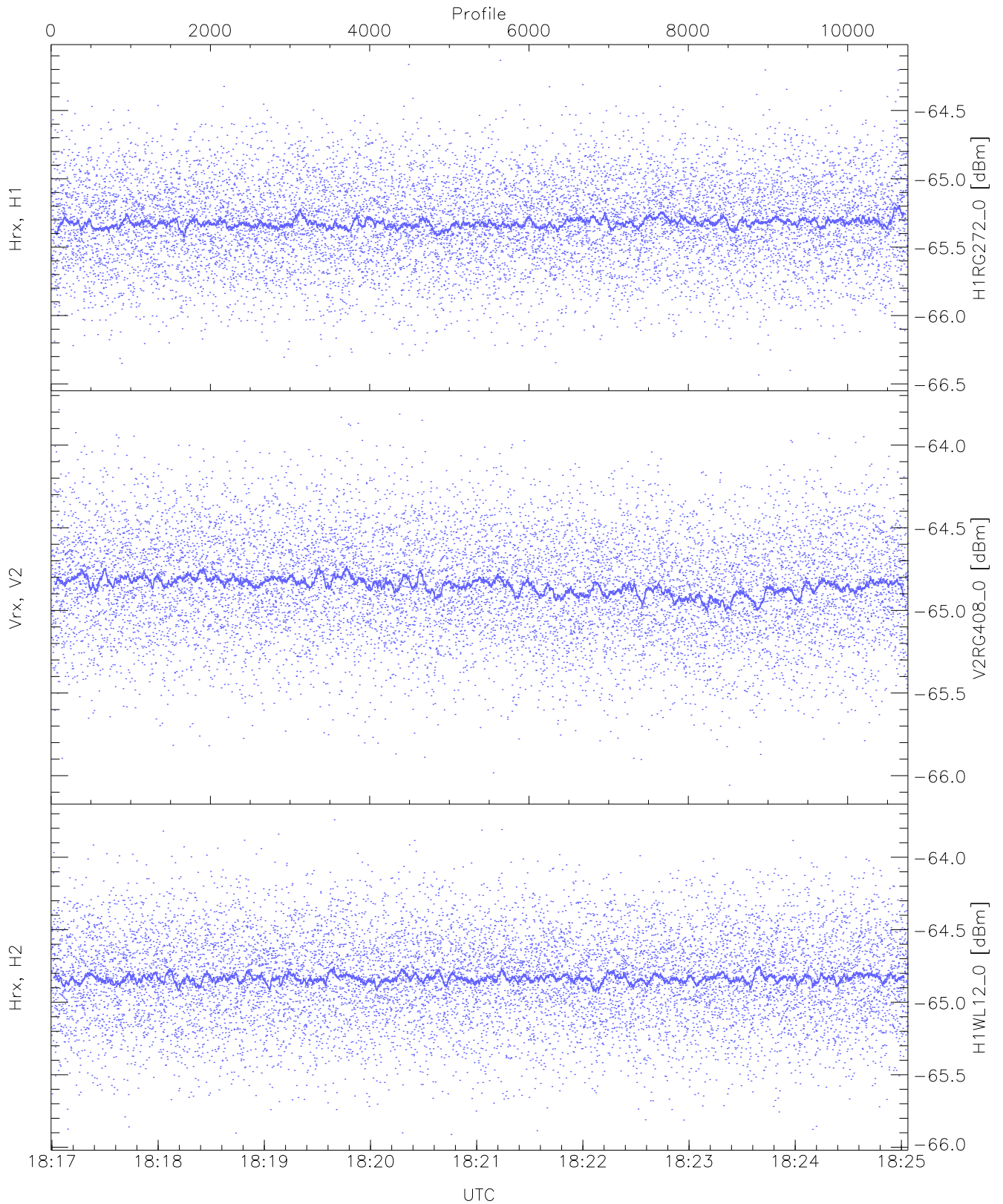
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.83	-63.52	-64.63	-64.63	-76.17
Vrx, V2 (HL [dBm])	-65.82	-63.45	-64.59	-64.59	-76.16
Hrx, H2 (HL [dBm])	-65.87	-63.08	-64.62	-64.63	-76.13



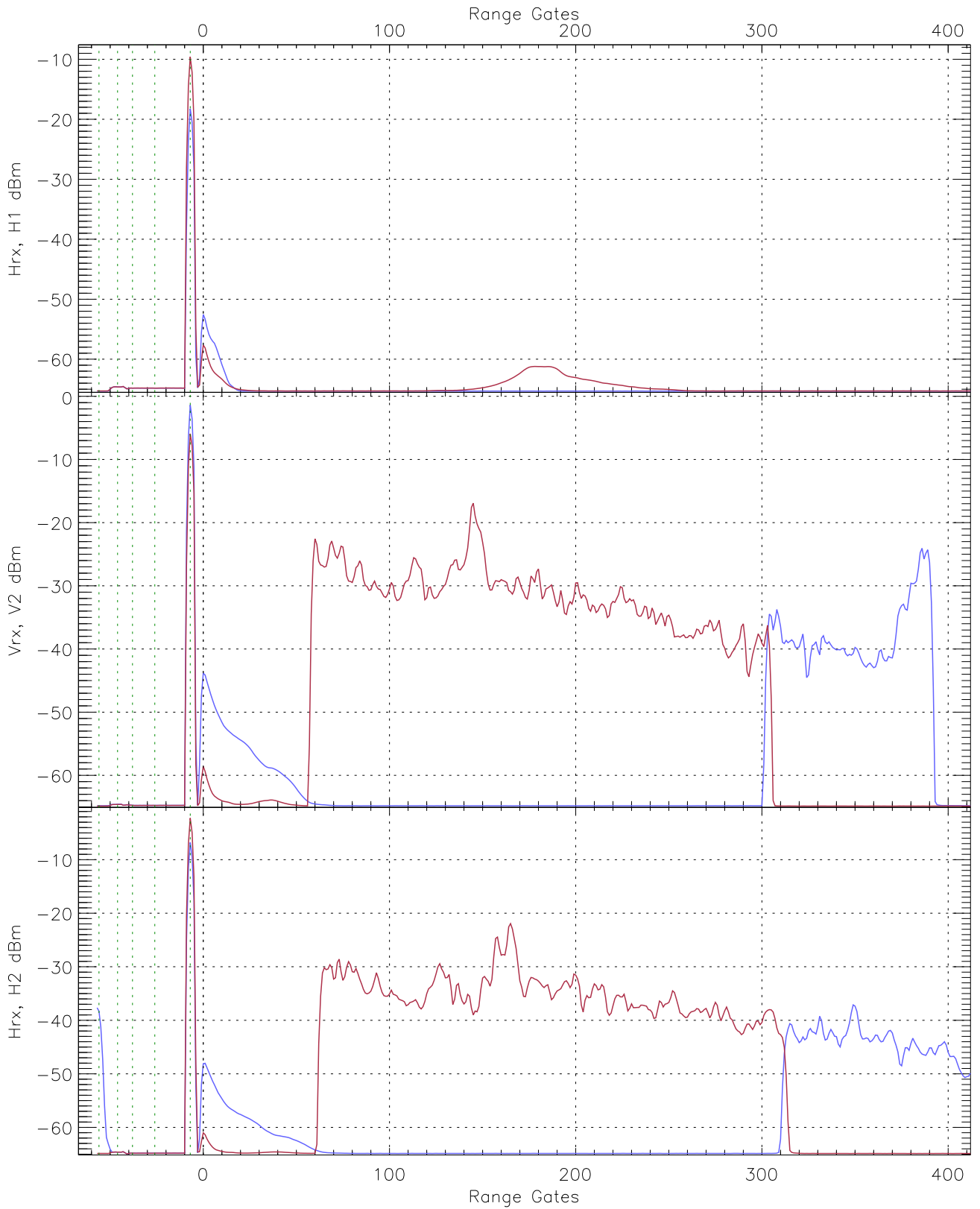
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.54	-64.25	-65.31	-65.32	-76.80
Vrx, V2 (RM [dBm])	-66.12	-63.69	-64.84	-64.85	-76.31
Hrx, H2 (RM [dBm])	-66.00	-24.77	-41.31	-64.67	-35.37

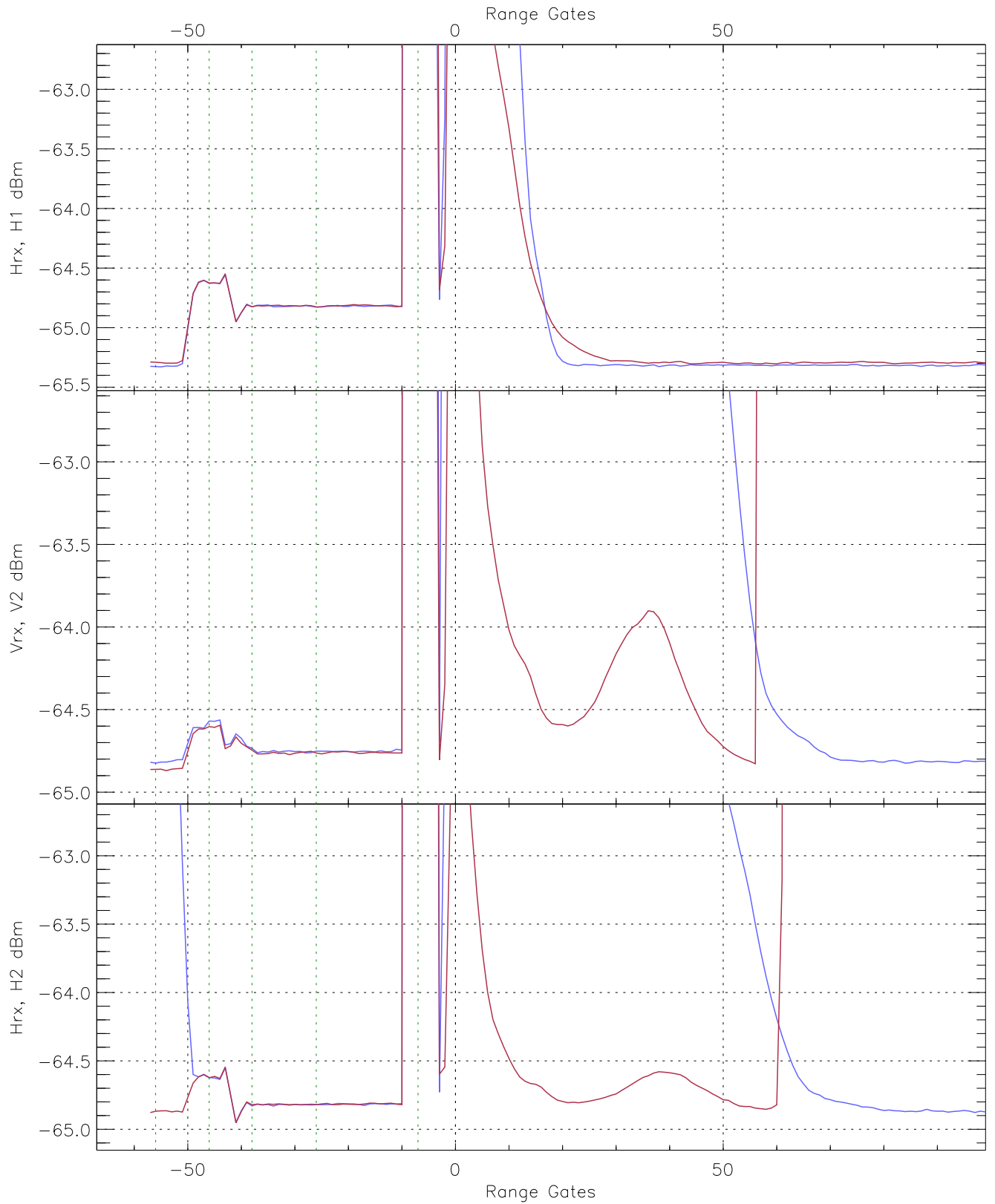


WCR3 CPP "Best" estimate Receivers Noise Power

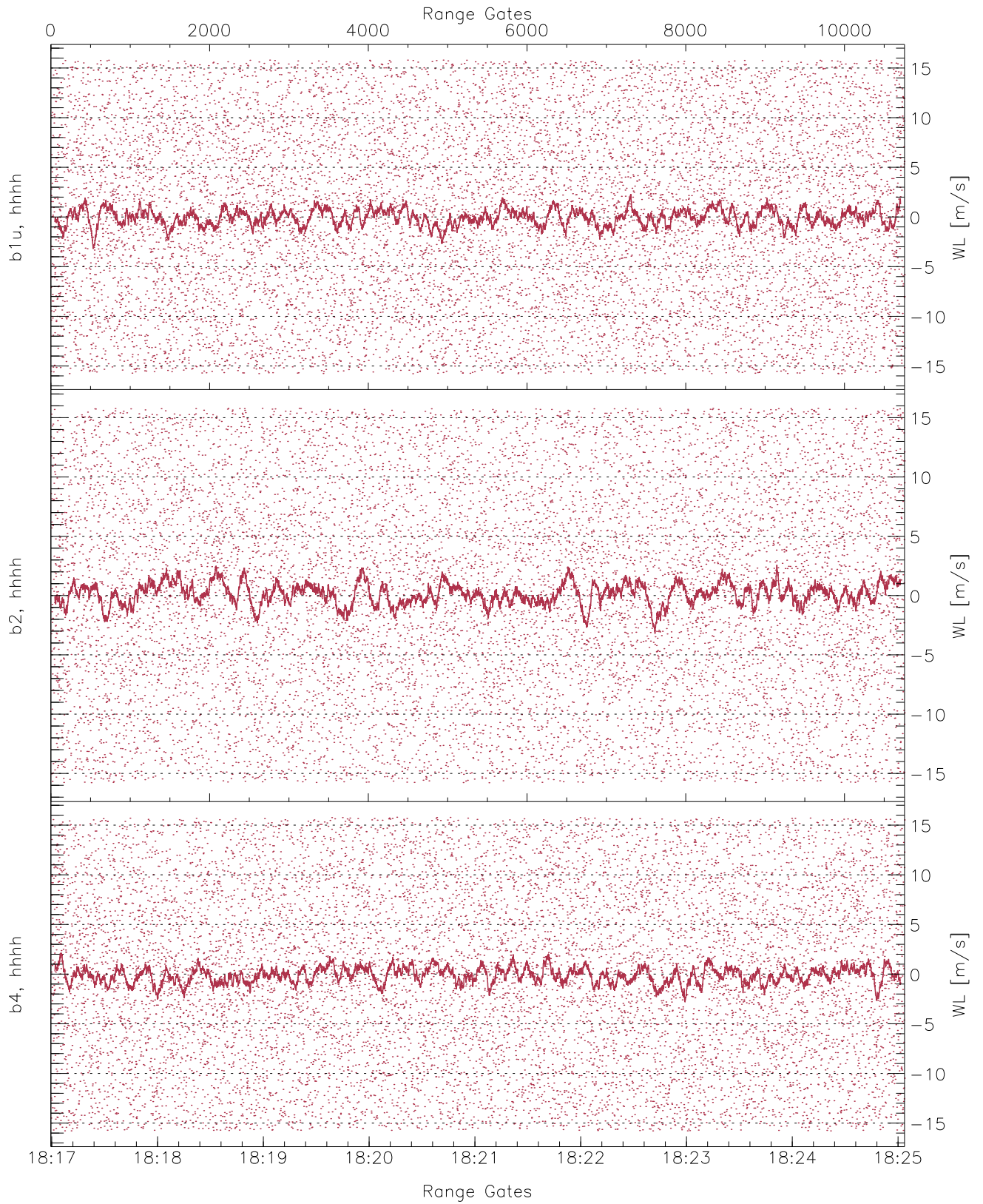
	Min	Max	Mean	Median	StDev
H1RG272_0 [dBm]	-66.43	-64.13	-65.31	-65.32	-76.76
V2RG408_0 [dBm]	-66.06	-63.78	-64.84	-64.85	-76.35
H1WL12_0 [dBm]	-65.91	-63.74	-64.83	-64.83	-76.34



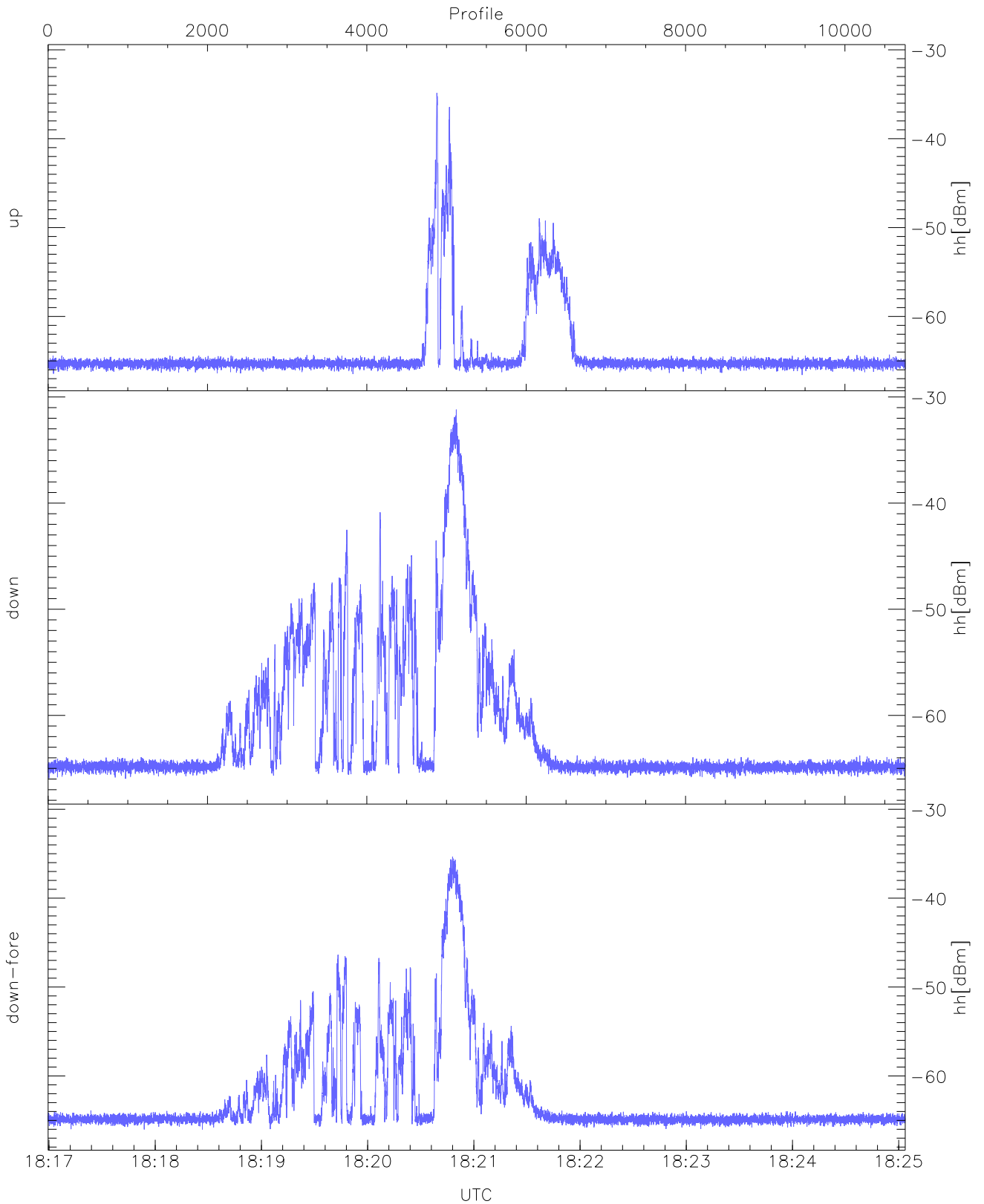
WCR3 CPP Averaged Received power for all recorded gates
blue: 181700-182102, 5380 profiles averaged
red: 182102-182504, 5379 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 181700-182102, 5380 profiles averaged
red: 182102-182504, 5379 profiles averaged

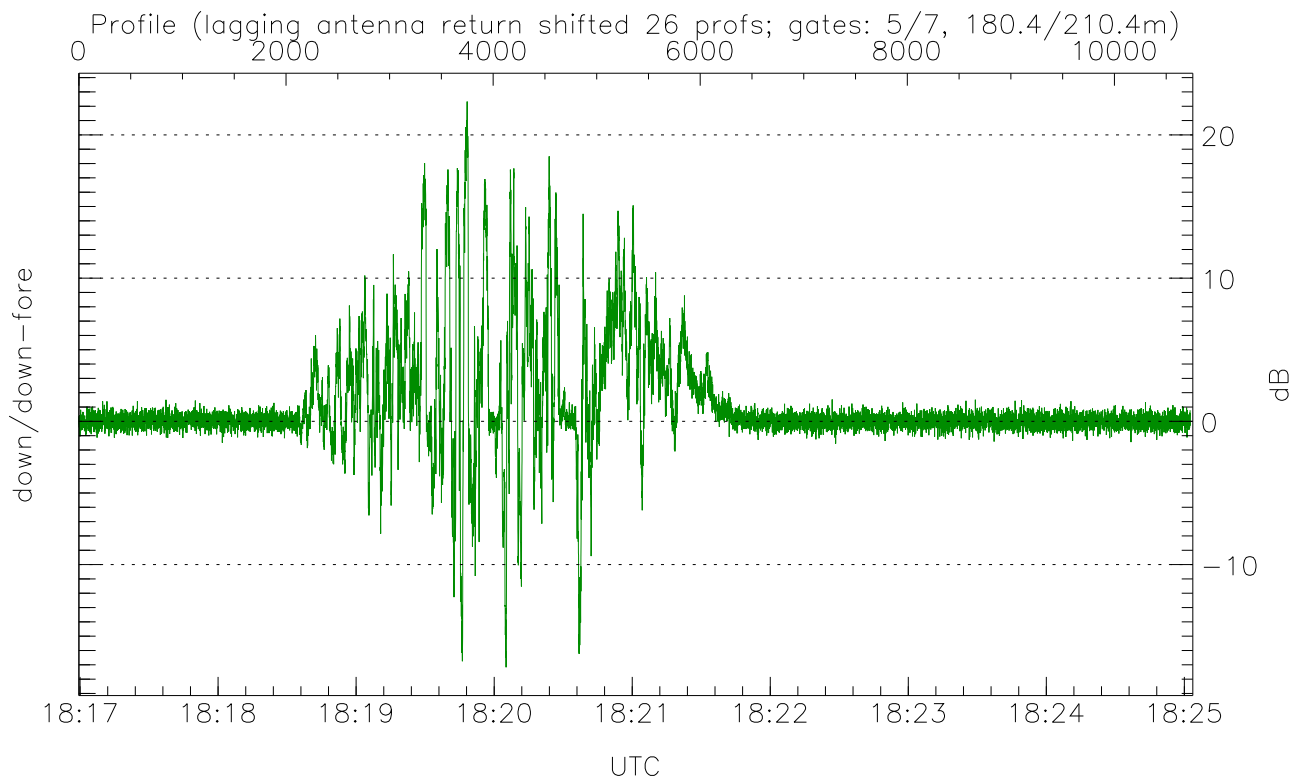
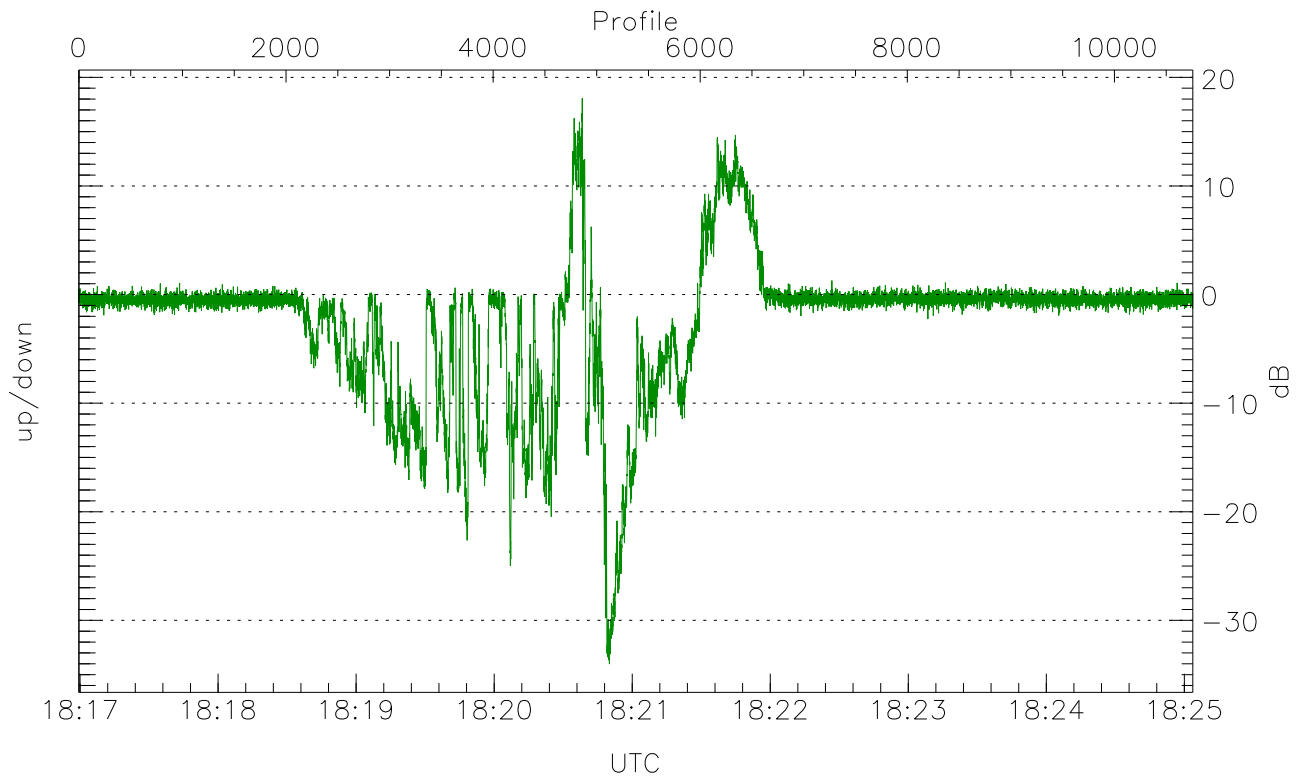


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



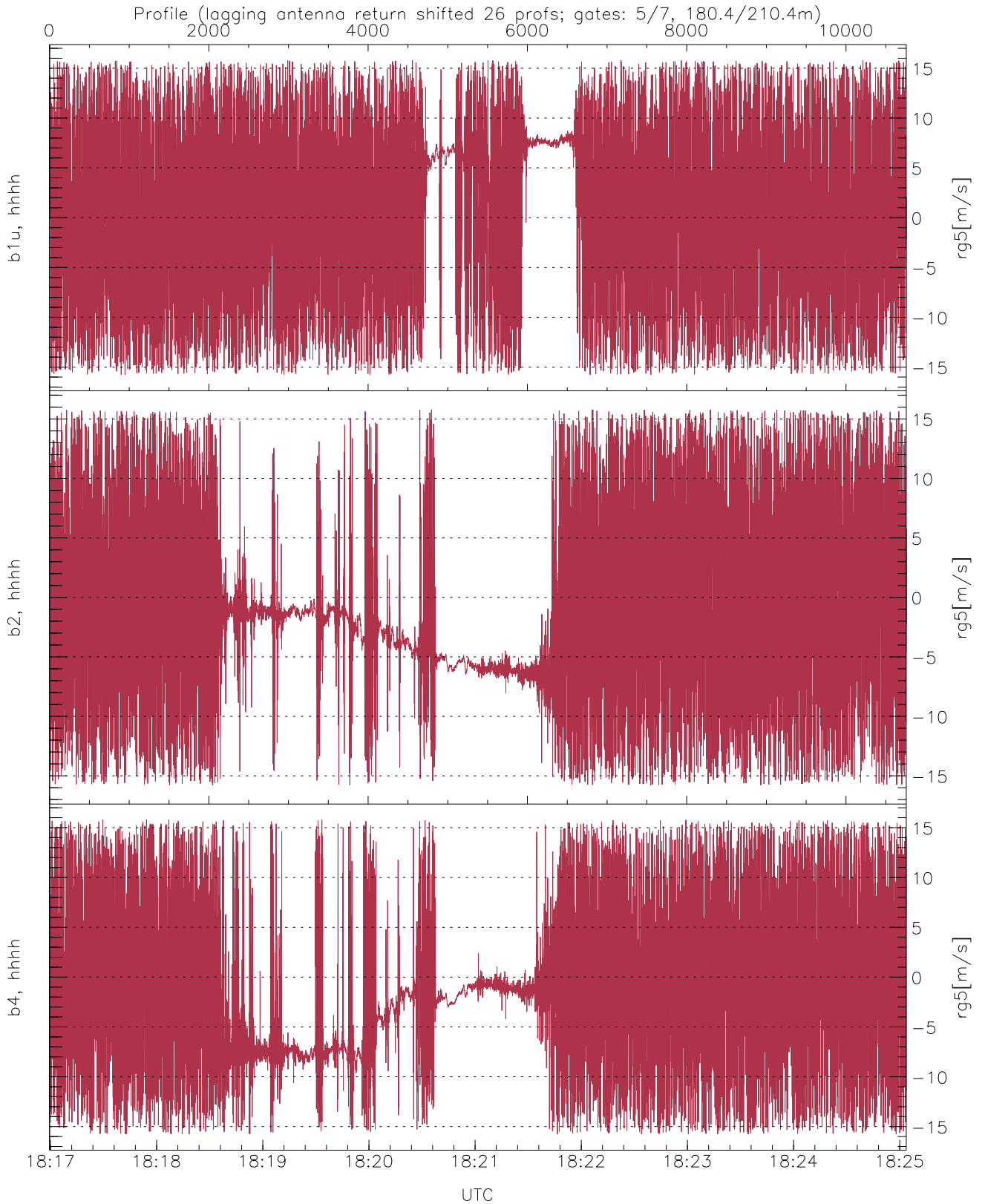
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.59	-34.86	-58.76
down(hh[dBm])	-65.97	-31.18	-50.93
down-fore(hh[dBm])	-66.02	-35.32	-54.09



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

	Min	Max	Mean
up/down (dB)	-34.02	18.07	-2.57
down/down-fore (dB)	-17.17	22.33	1.12



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	0.83	8.55
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.32	7.41
b4, hhhh(rg5[m/s])	-15.78	15.79	-1.41	7.68