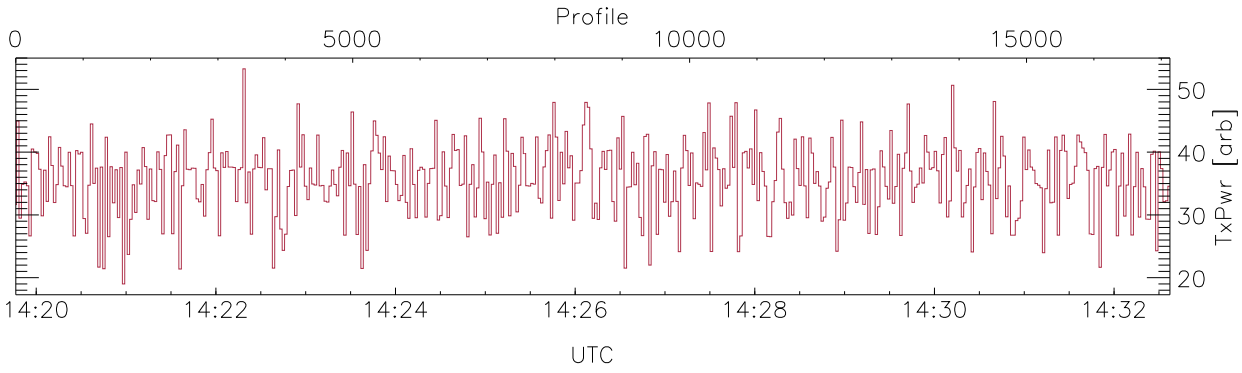
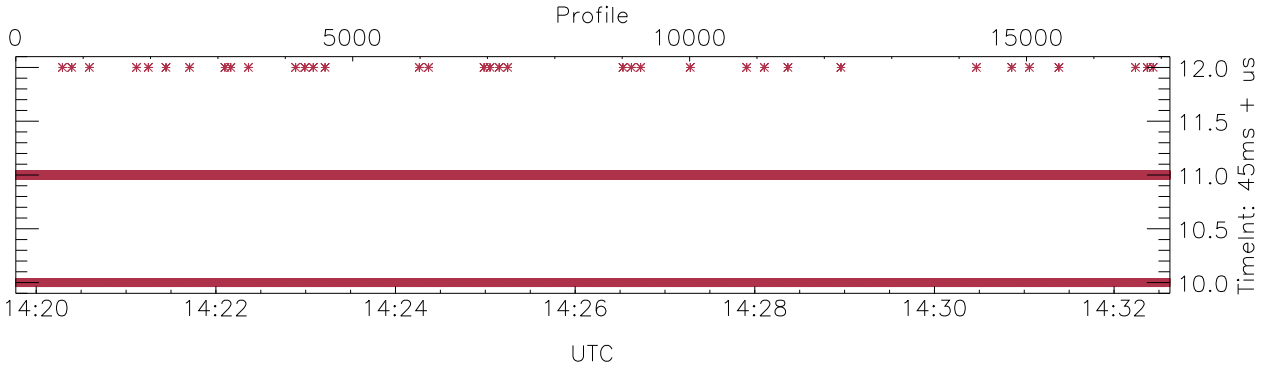
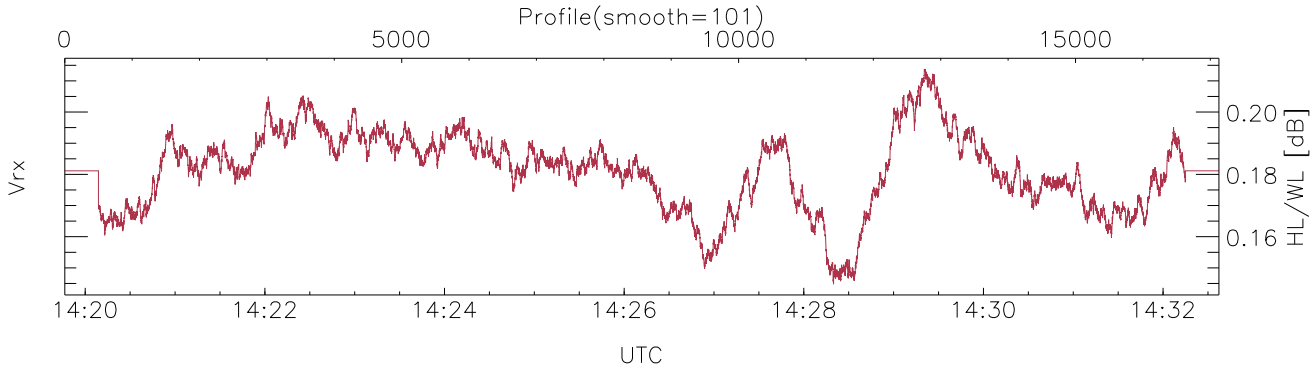
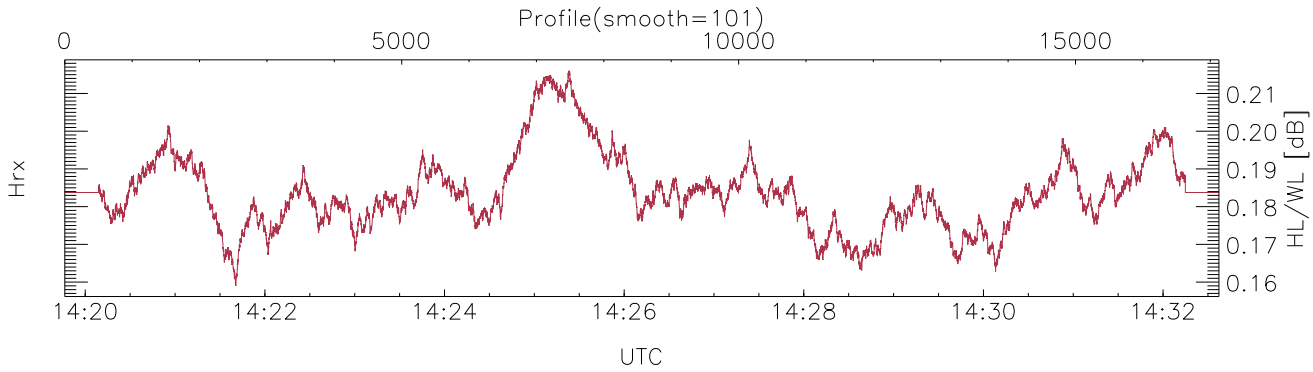


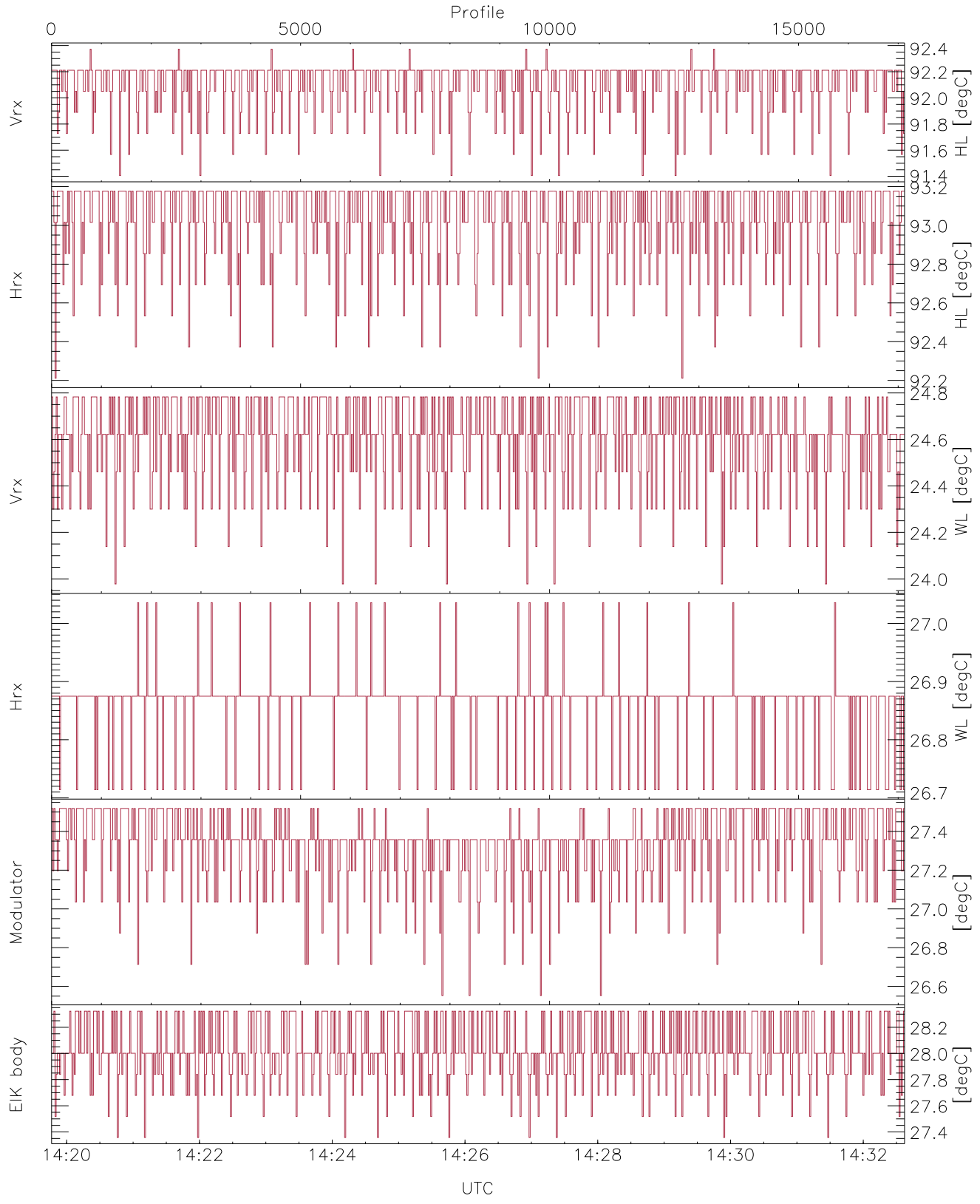






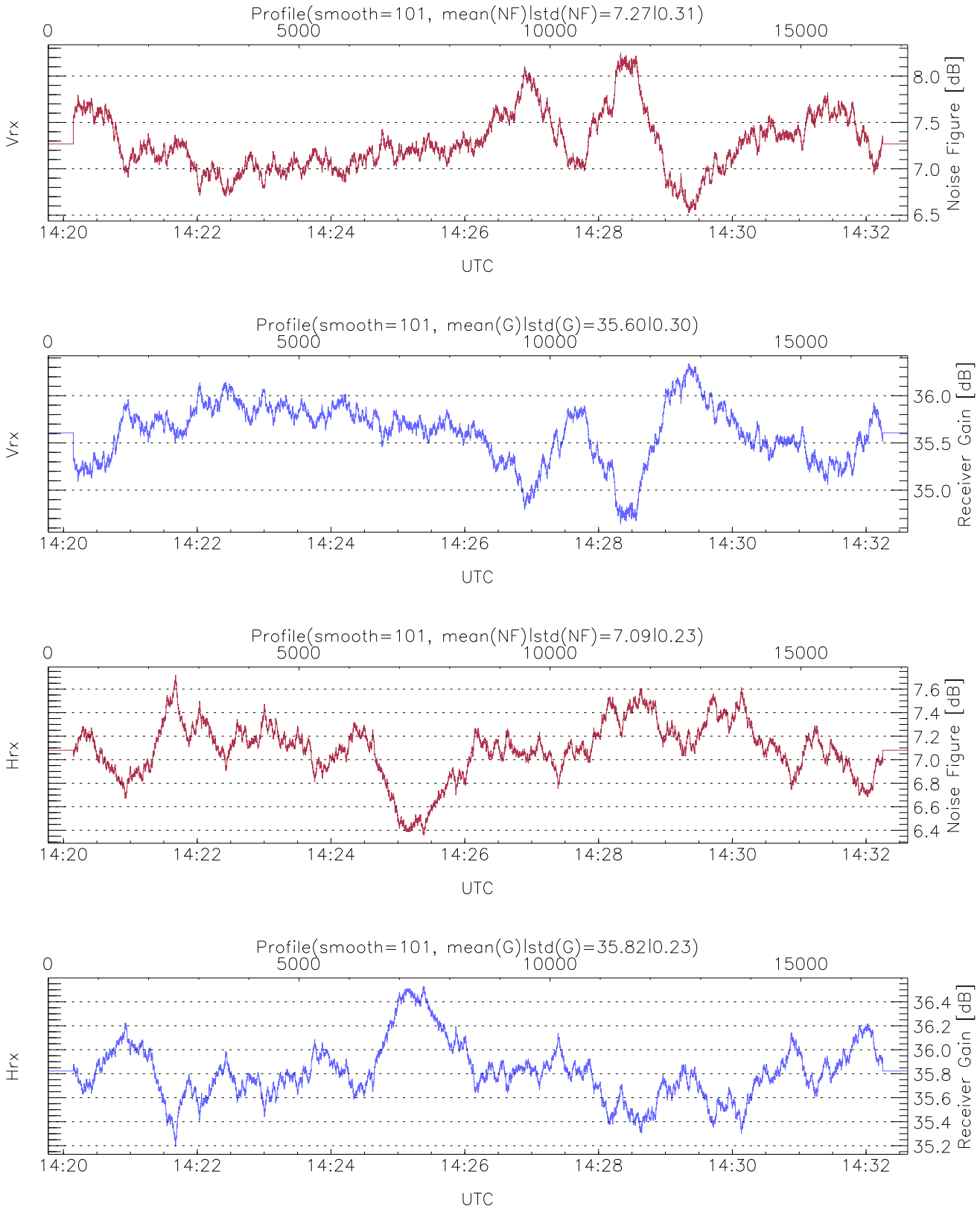
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:19:46-14:32:37, TimeCor: 0.00s, Dur: 771.00s
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): 17130/17130, 0-17129/14:19:46-14:32:37
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(-9|0|1|2,3,9x = no mirror|sideluplerror): 1



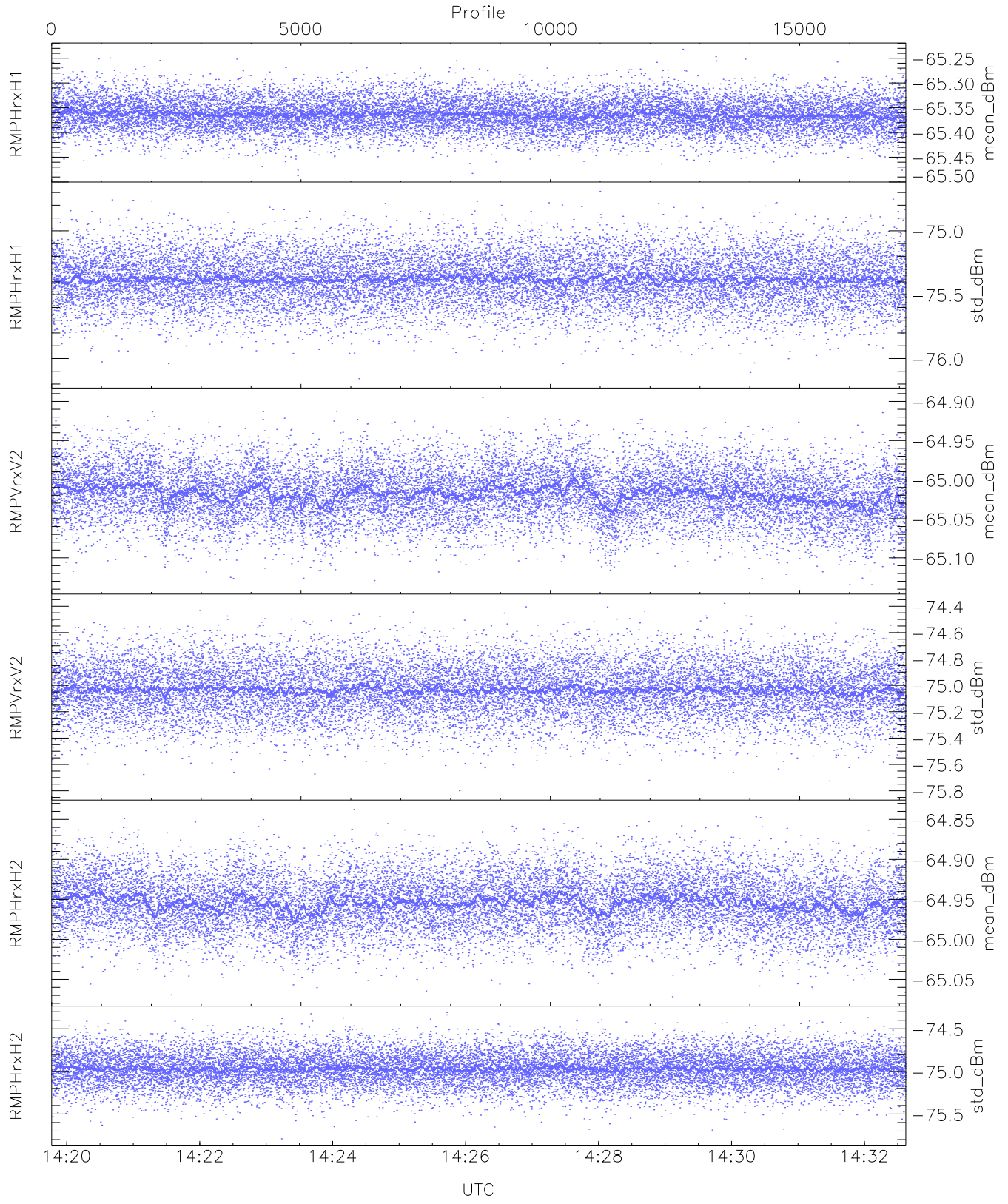
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,26,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,27,27,28
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,44,44,44,44)



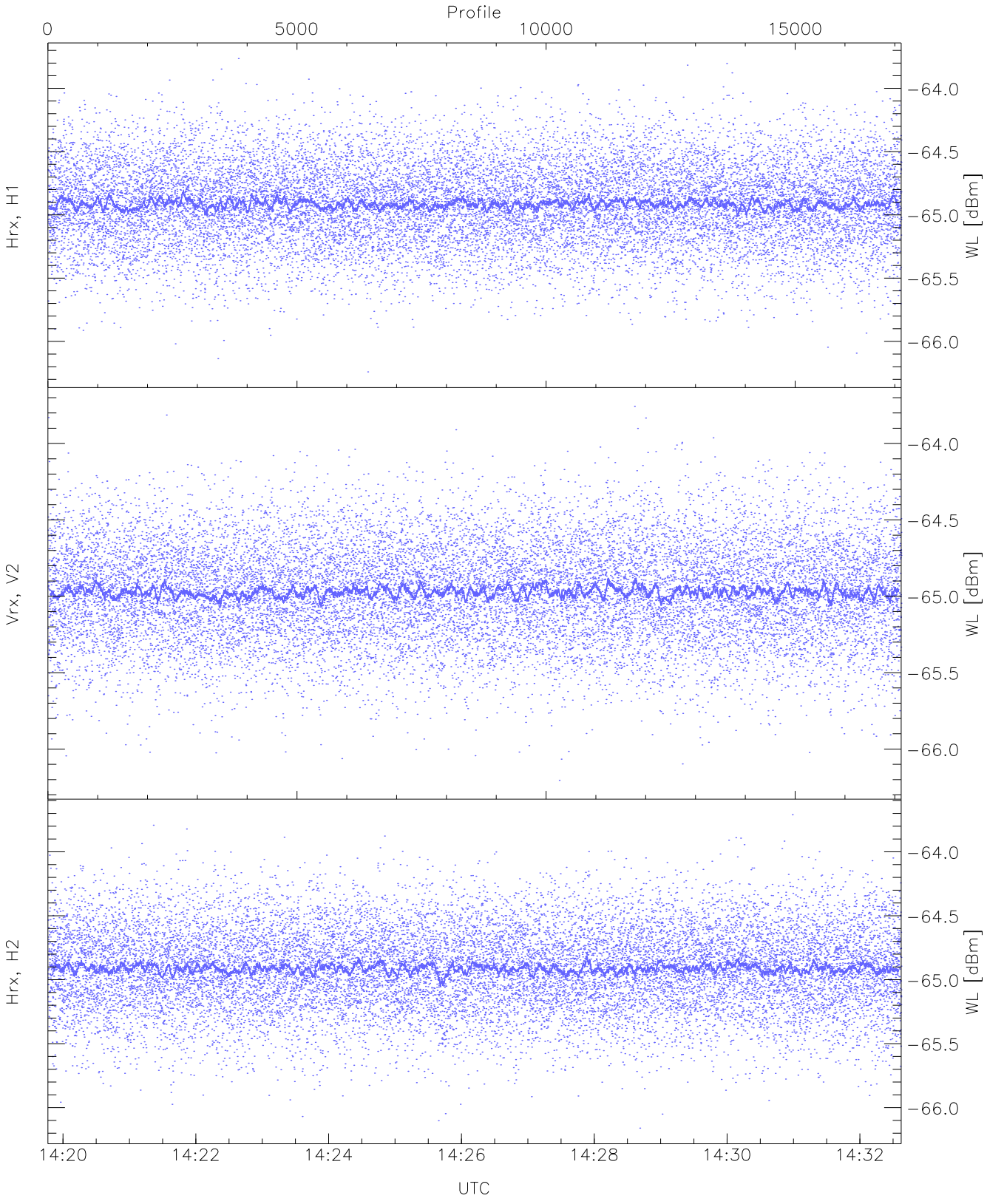
WCR3 CPP Receivers Gain and Noise Figure

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



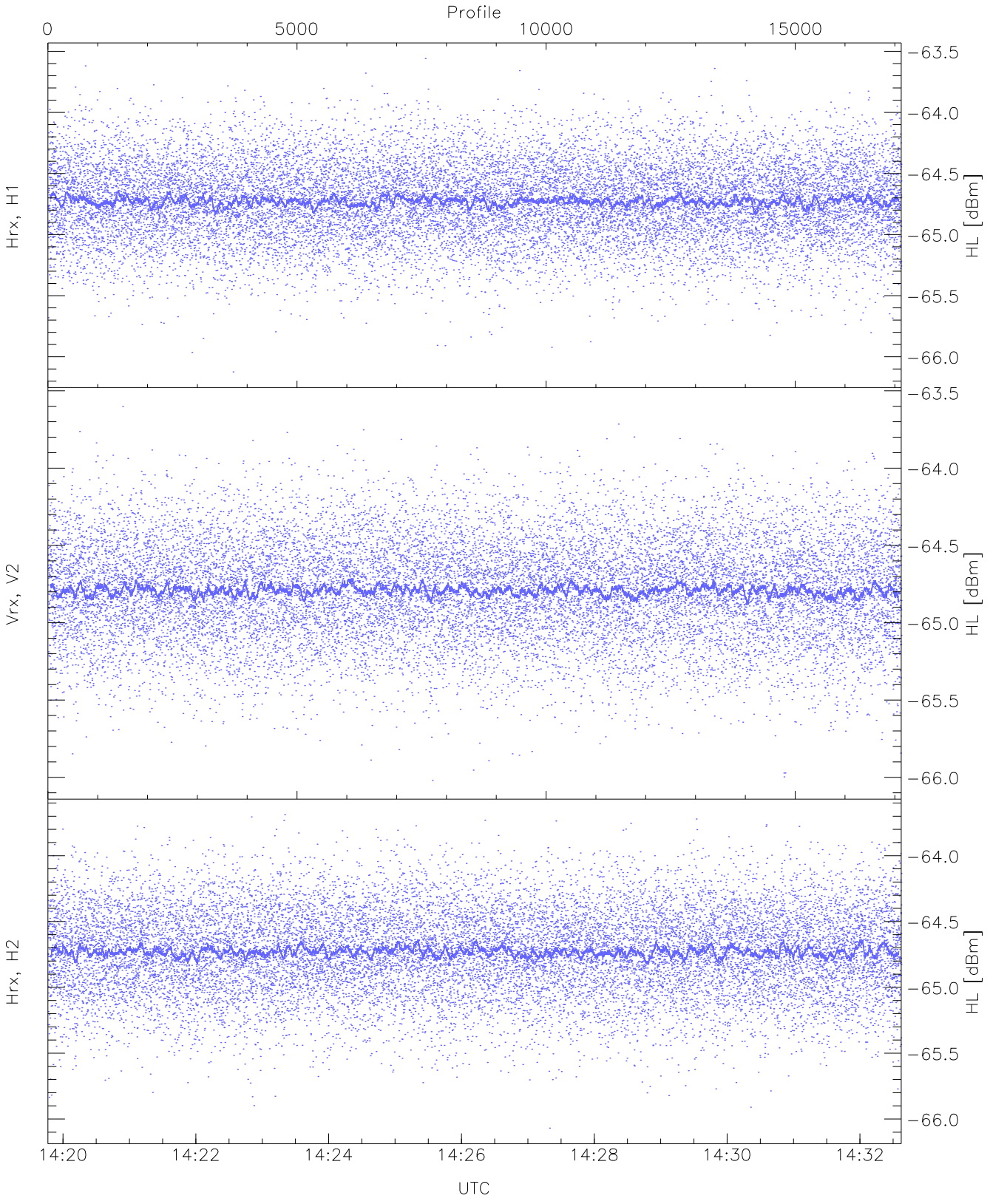
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.49	-65.23	-65.36	-65.36	-86.97
RMPHrxH1(std_dBm)	-76.16	-74.69	-75.38	-75.38	-89.19
RMPVrxV2(mean_dBm)	-65.13	-64.89	-65.02	-65.02	-86.45
RMPVrxV2(std_dBm)	-75.80	-74.38	-75.03	-75.04	-88.86
RMPHrxH2(mean_dBm)	-65.07	-64.84	-64.95	-64.95	-86.43
RMPHrxH2(std_dBm)	-75.79	-74.31	-74.97	-74.97	-88.74



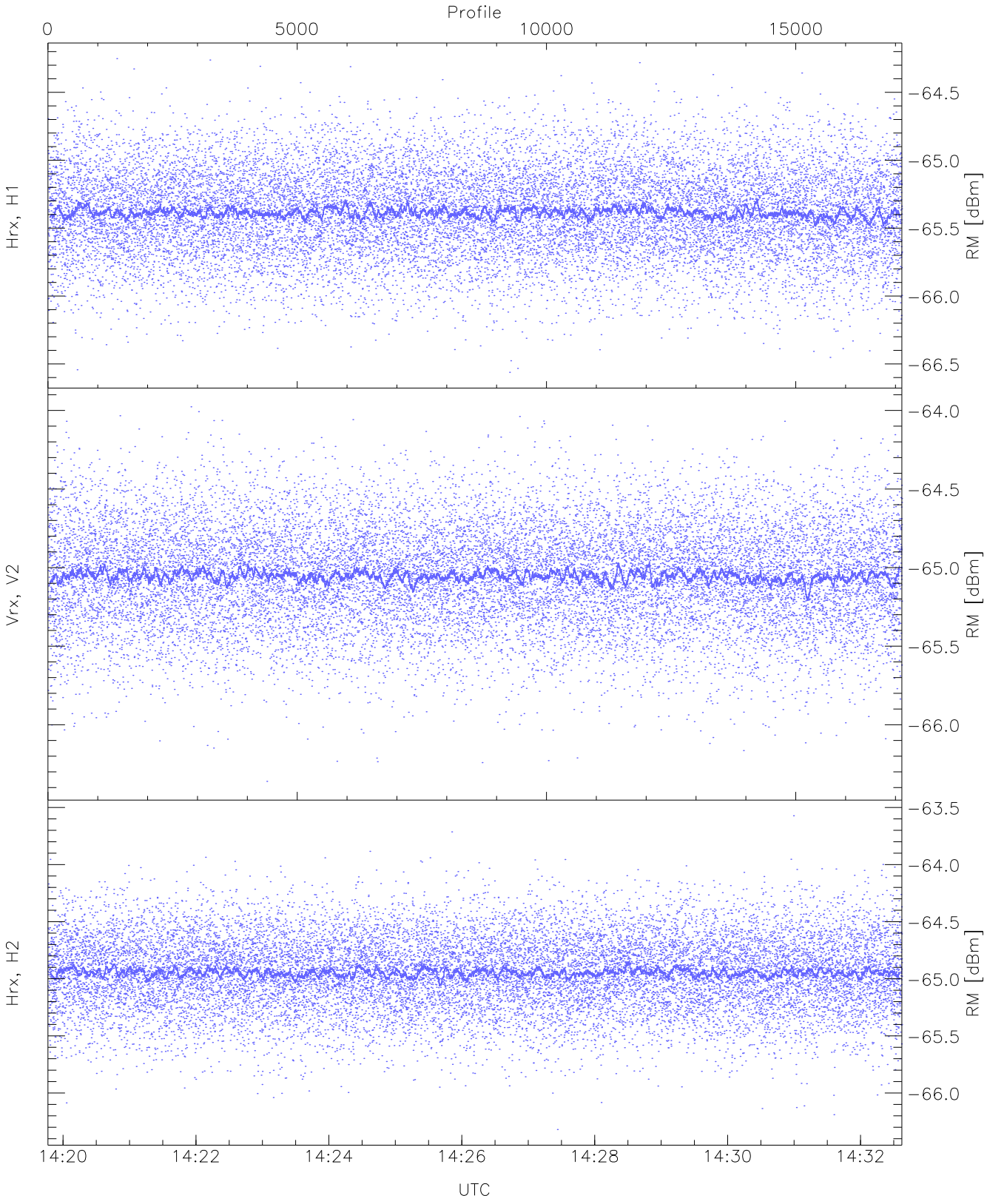
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.24	-63.76	-64.91	-64.91	-76.41
Vrx, V2(WL [dBm])	-66.21	-63.76	-64.96	-64.97	-76.49
Hrx, H2(WL [dBm])	-66.16	-63.71	-64.90	-64.91	-76.38



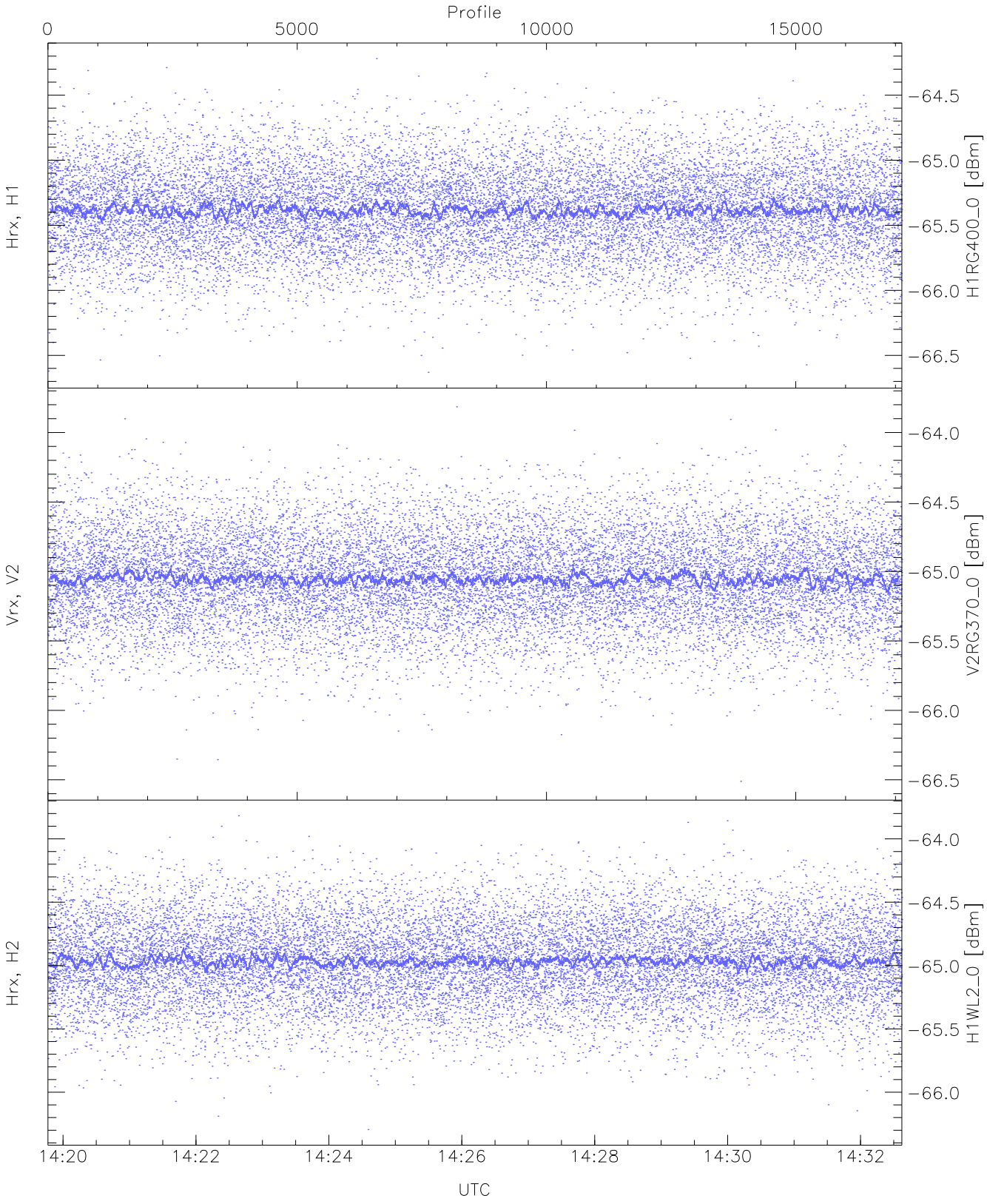
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.12	-63.56	-64.72	-64.73	-76.25
Vrx, V2(HL [dBm])	-66.02	-63.60	-64.78	-64.79	-76.29
Hrx, H2(HL [dBm])	-66.07	-63.69	-64.72	-64.73	-76.18



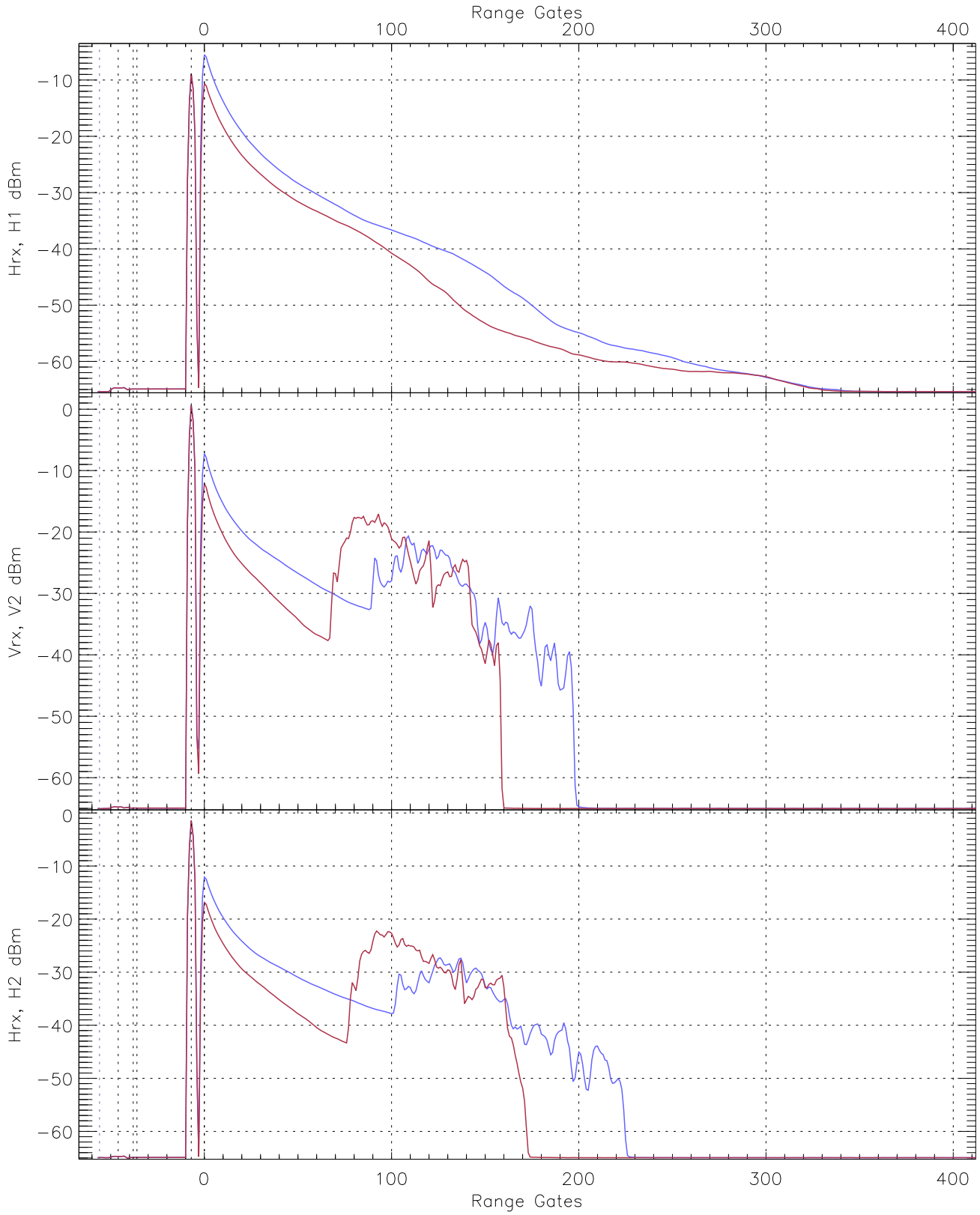
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.56	-64.25	-65.38	-65.39	-76.87
Vrx, V2(RM [dBm])	-66.36	-63.98	-65.05	-65.05	-76.58
Hrx, H2(RM [dBm])	-66.32	-63.57	-64.94	-64.94	-76.38

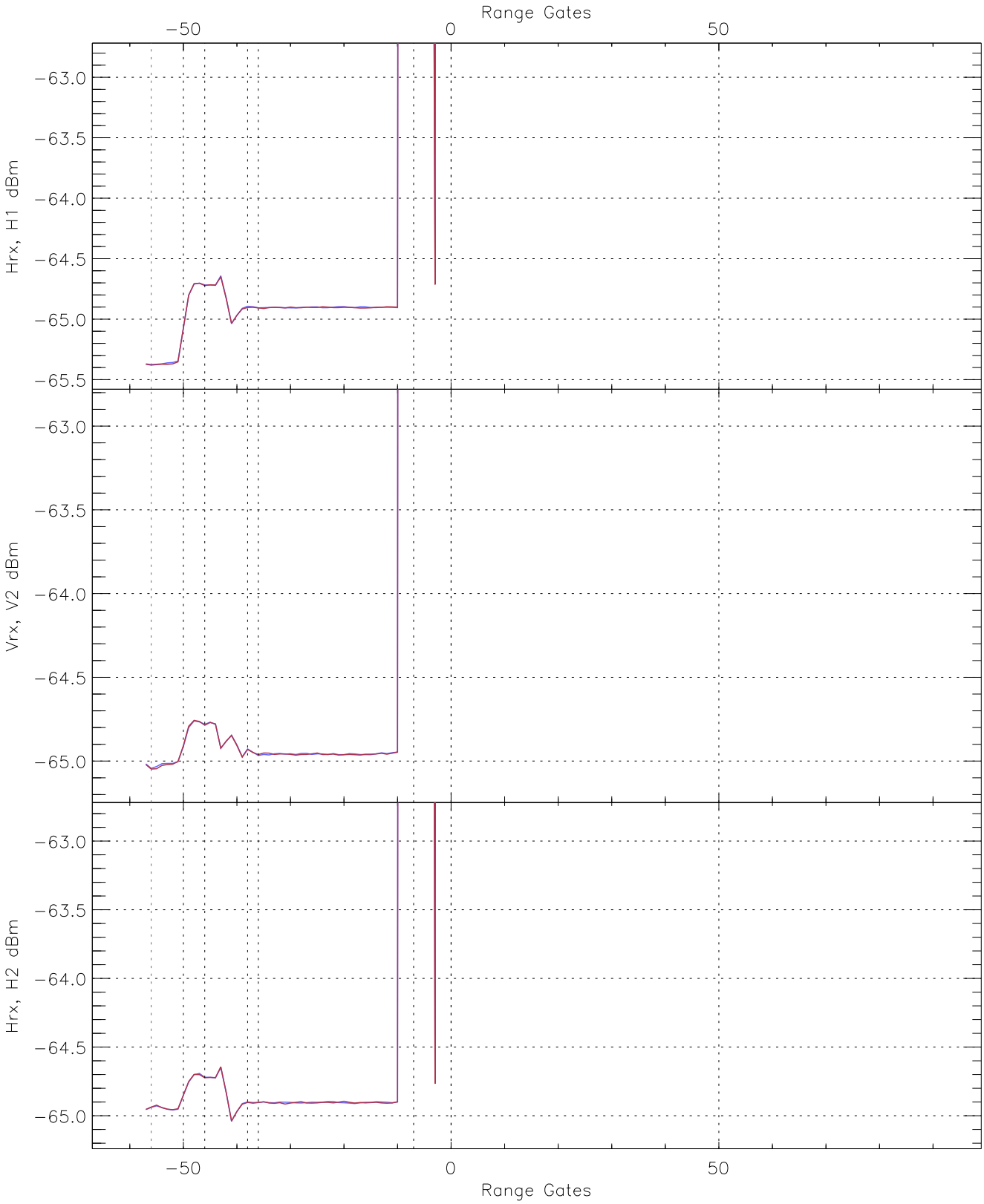


WCR3 CPP "Best" estimate Receivers Noise Power

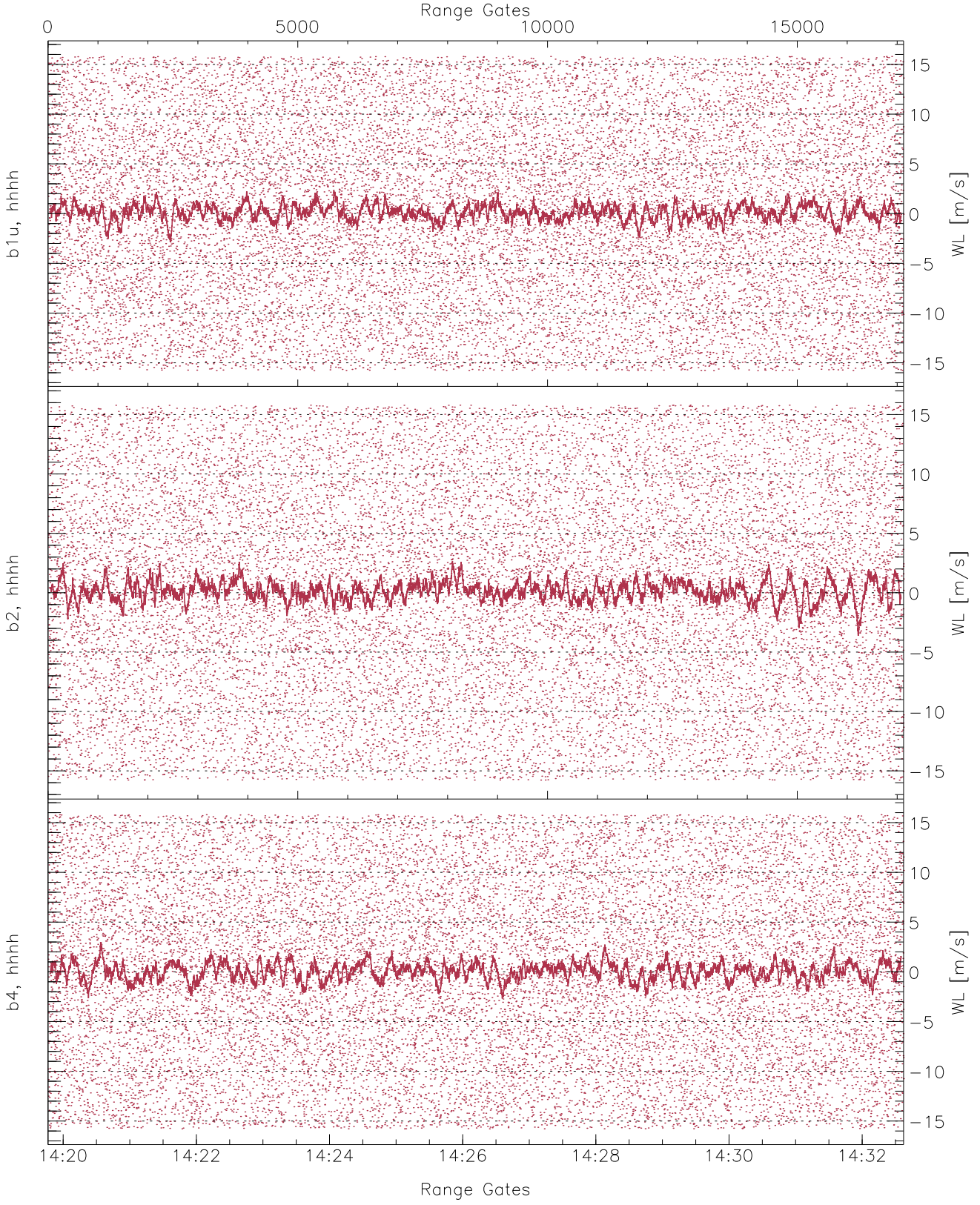
	Min	Max	Mean	Median	StDev
H1RG400_0 [dBm]	-66.63	-64.22	-65.38	-65.39	-76.87
V2RG370_0 [dBm]	-66.51	-63.81	-65.05	-65.06	-76.54
H1WL2_0 [dBm]	-66.29	-63.82	-64.96	-64.97	-76.46



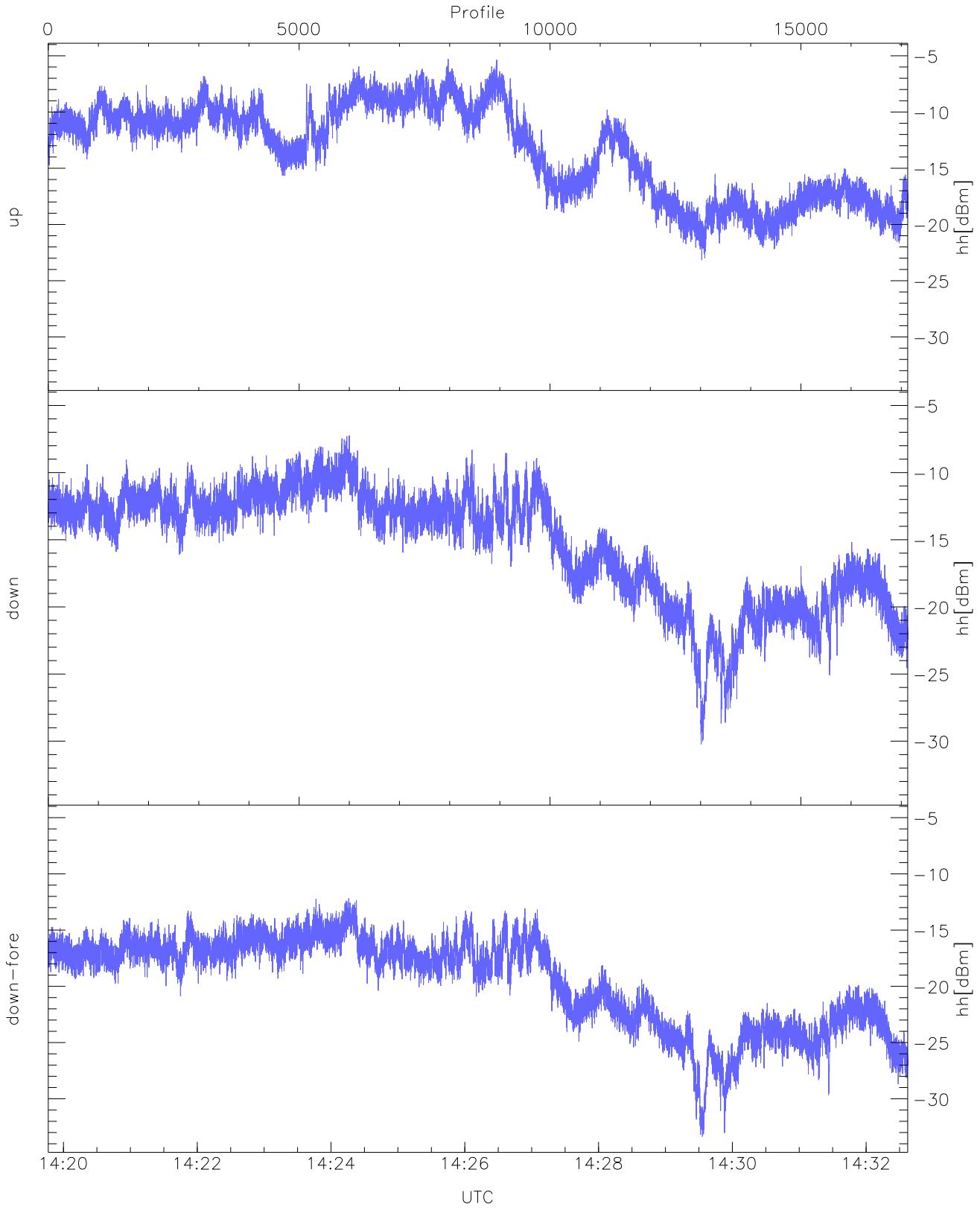
WCR3 CPP Averaged Received power for all recorded gates
blue: 141946-142612, 8566 profiles averaged
red: 142612-143237, 8565 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 141946-142612, 8566 profiles averaged
red: 142612-143237, 8565 profiles averaged

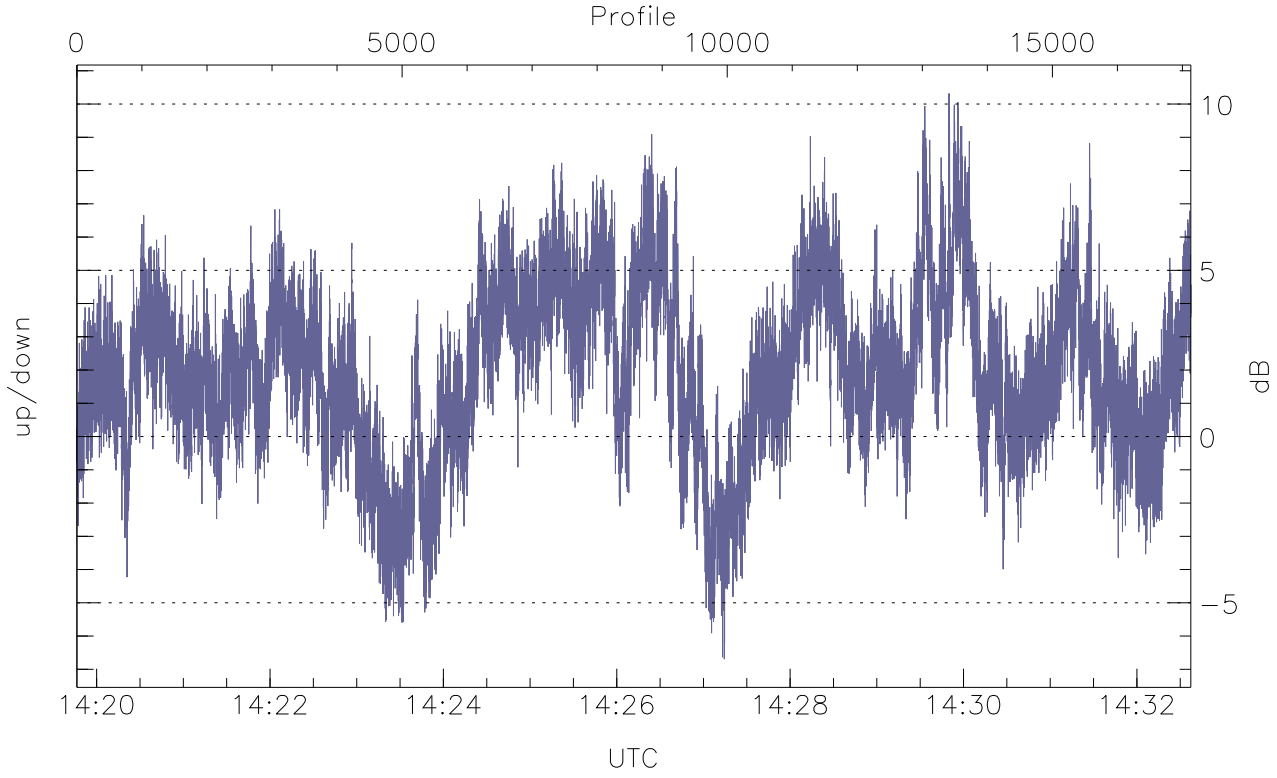


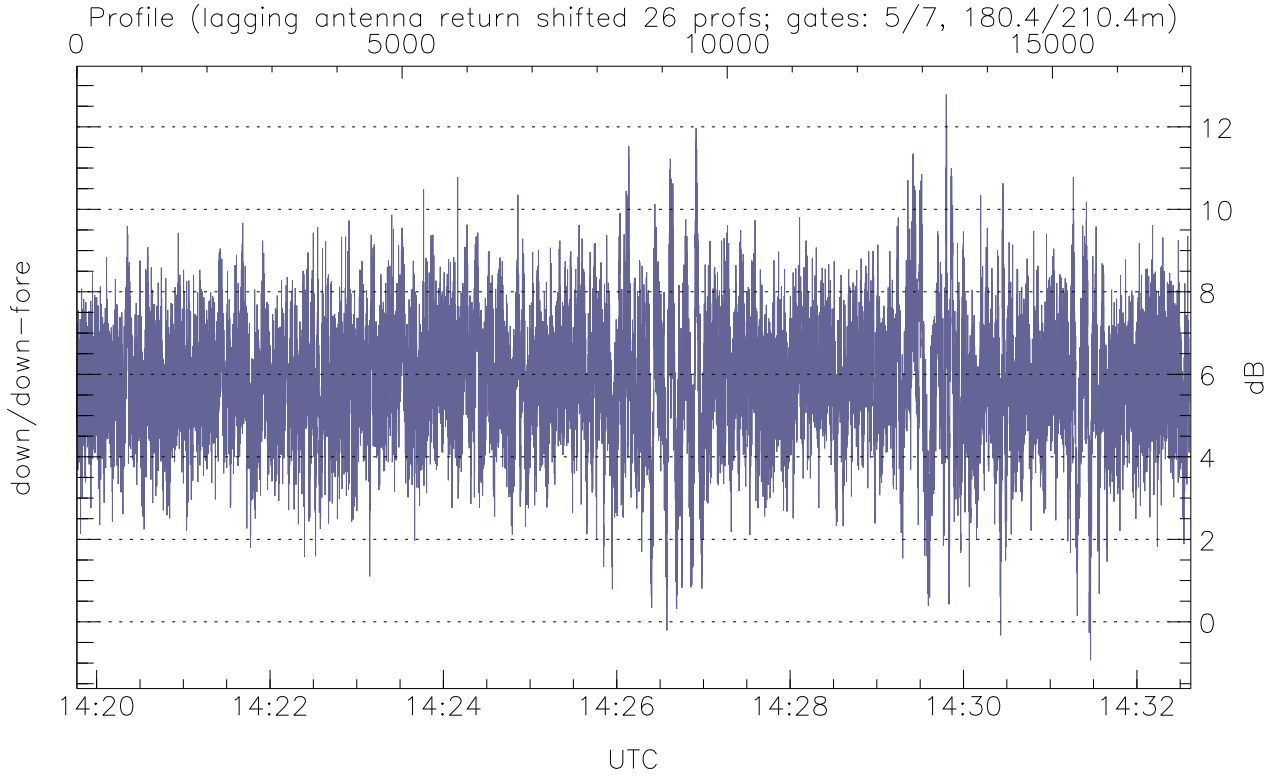
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

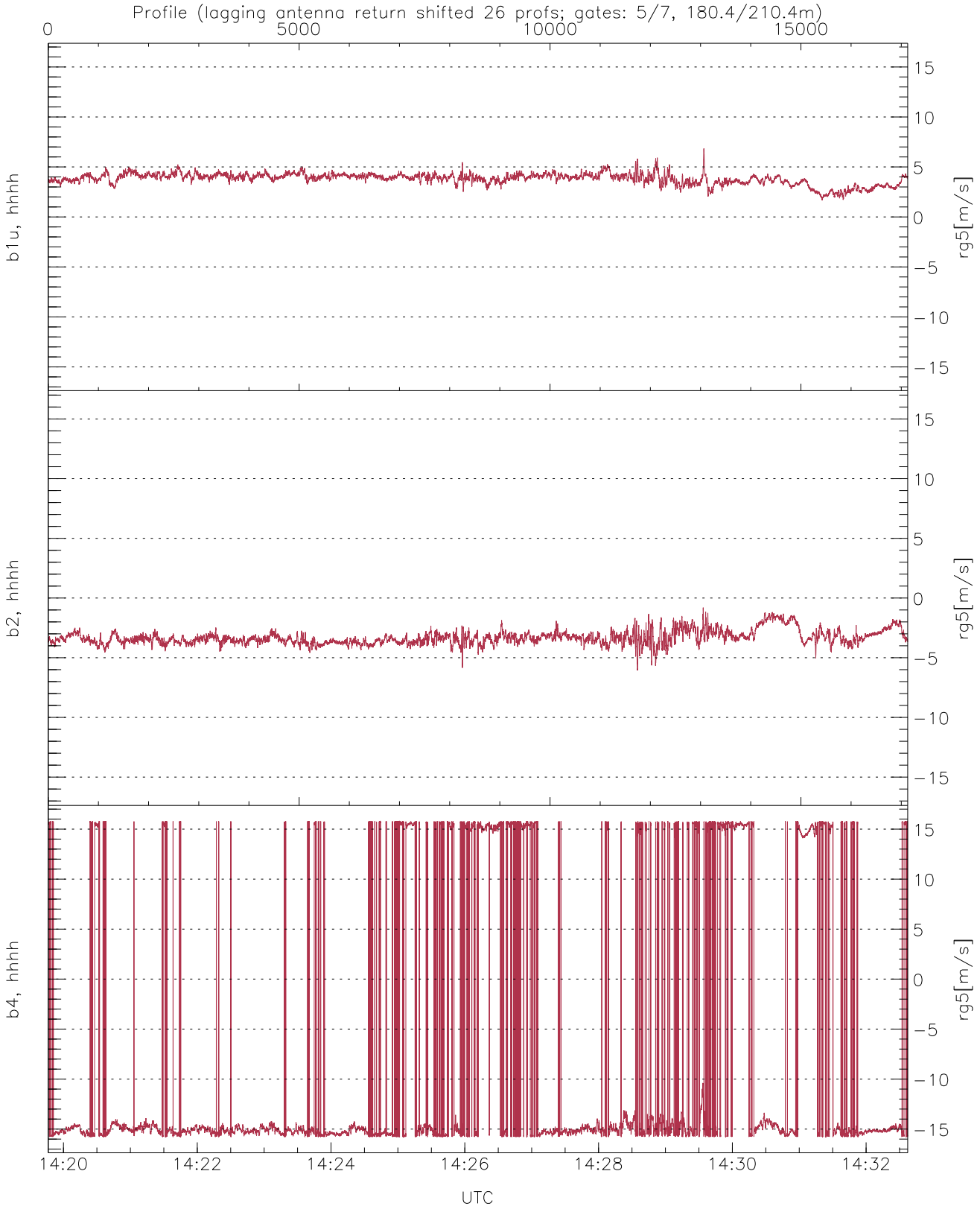
	Min	Max	Mean
up(hh[dBm])	-23.17	-5.29	-11.76
down(hh[dBm])	-30.23	-7.24	-13.76
down-fore(hh[dBm])	-33.36	-12.18	-18.11





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

	Min	Max	Mean
up/down(dB)	-6.69	10.32	1.97
down/down-fore(dB)	-0.93	12.78	5.83



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.68	6.84	3.81	0.58
b2, hhhh(rg5[m/s])	-6.07	-0.80	-3.31	0.59
b4, hhhh(rg5[m/s])	-15.79	15.79	-7.68	13.13