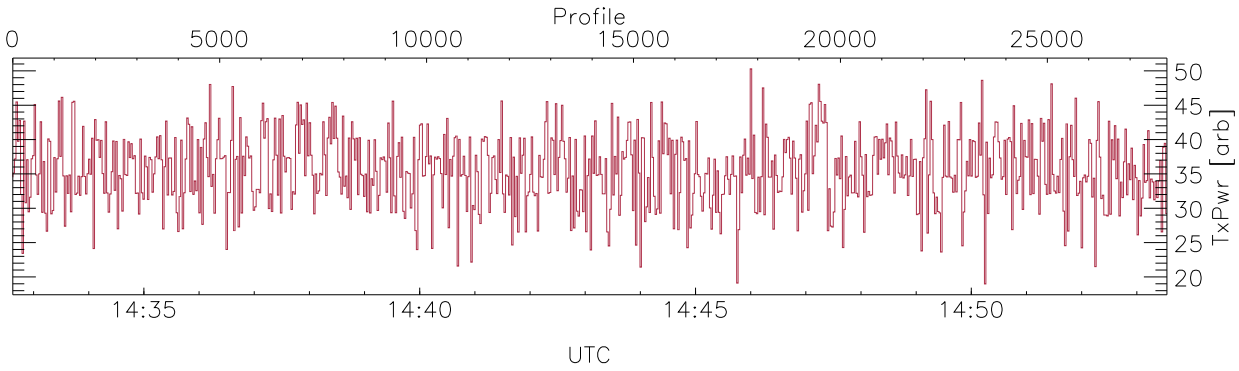
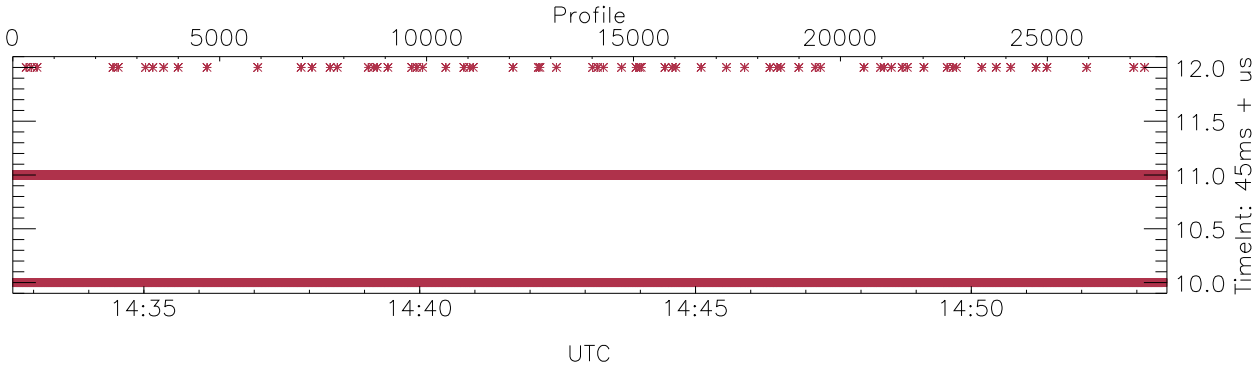
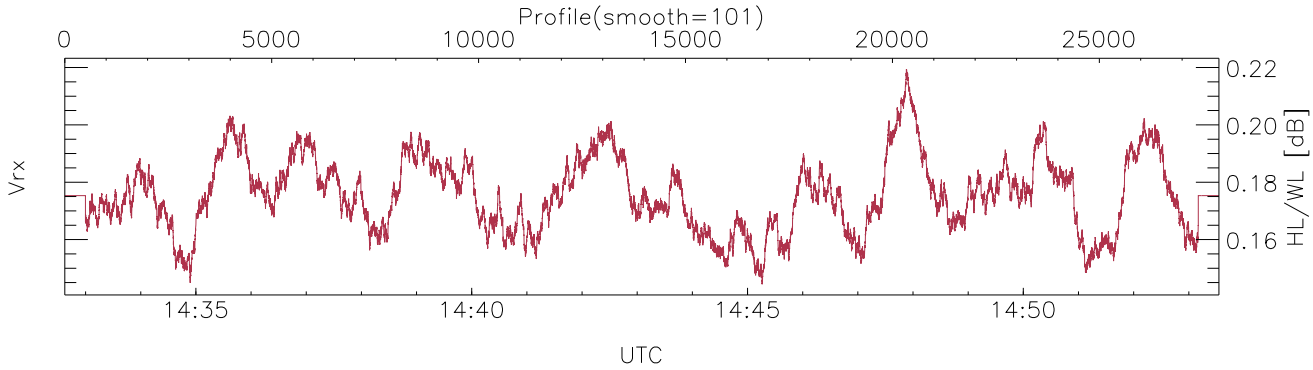
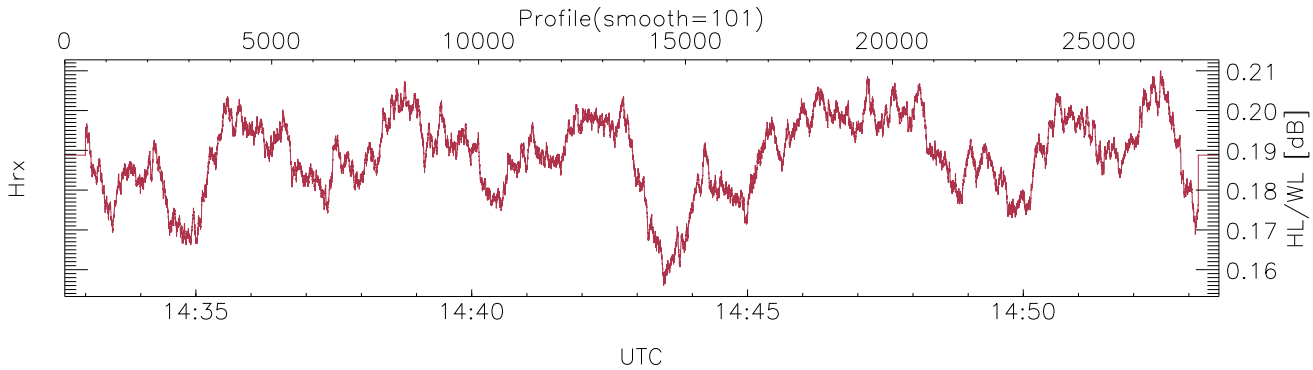


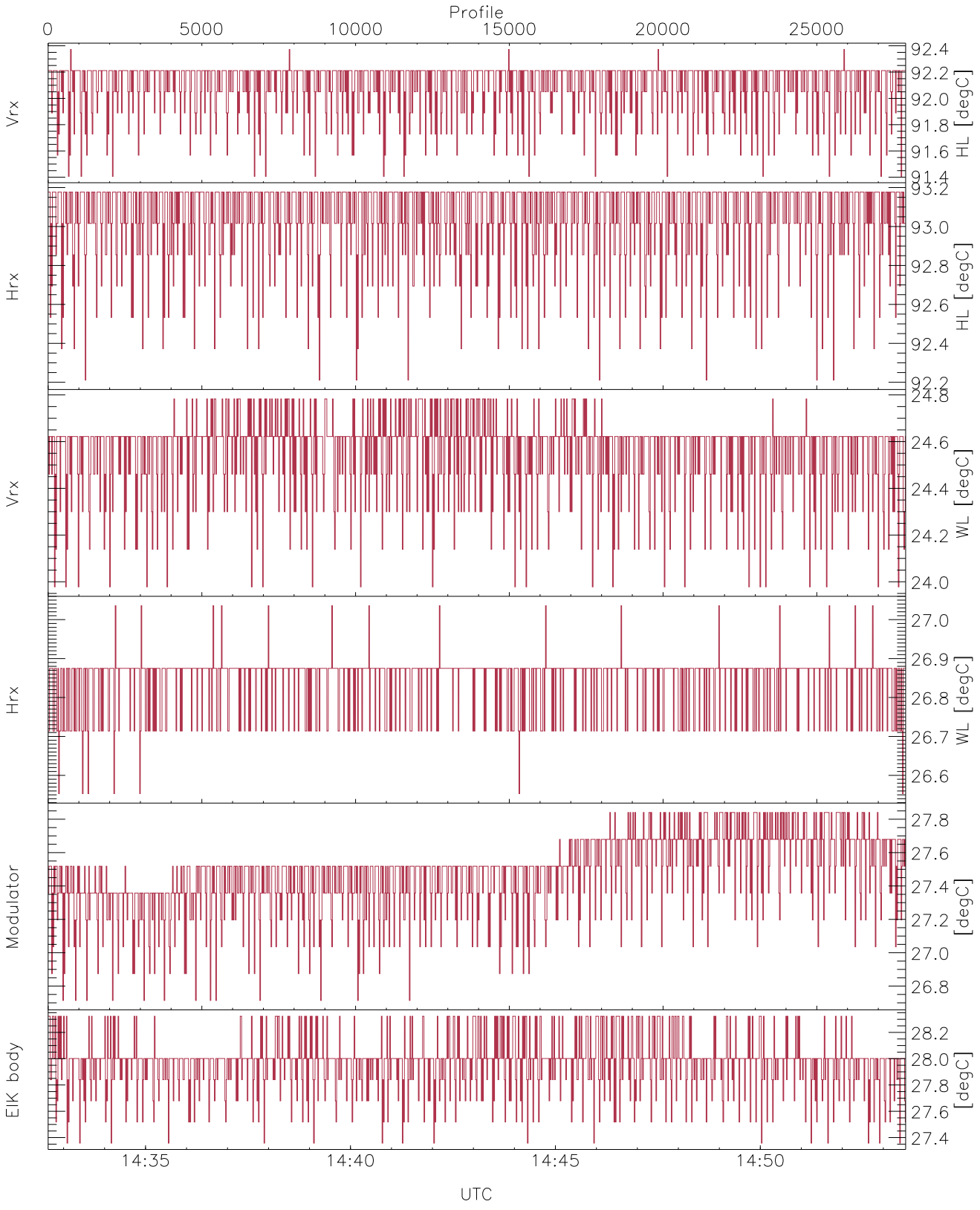






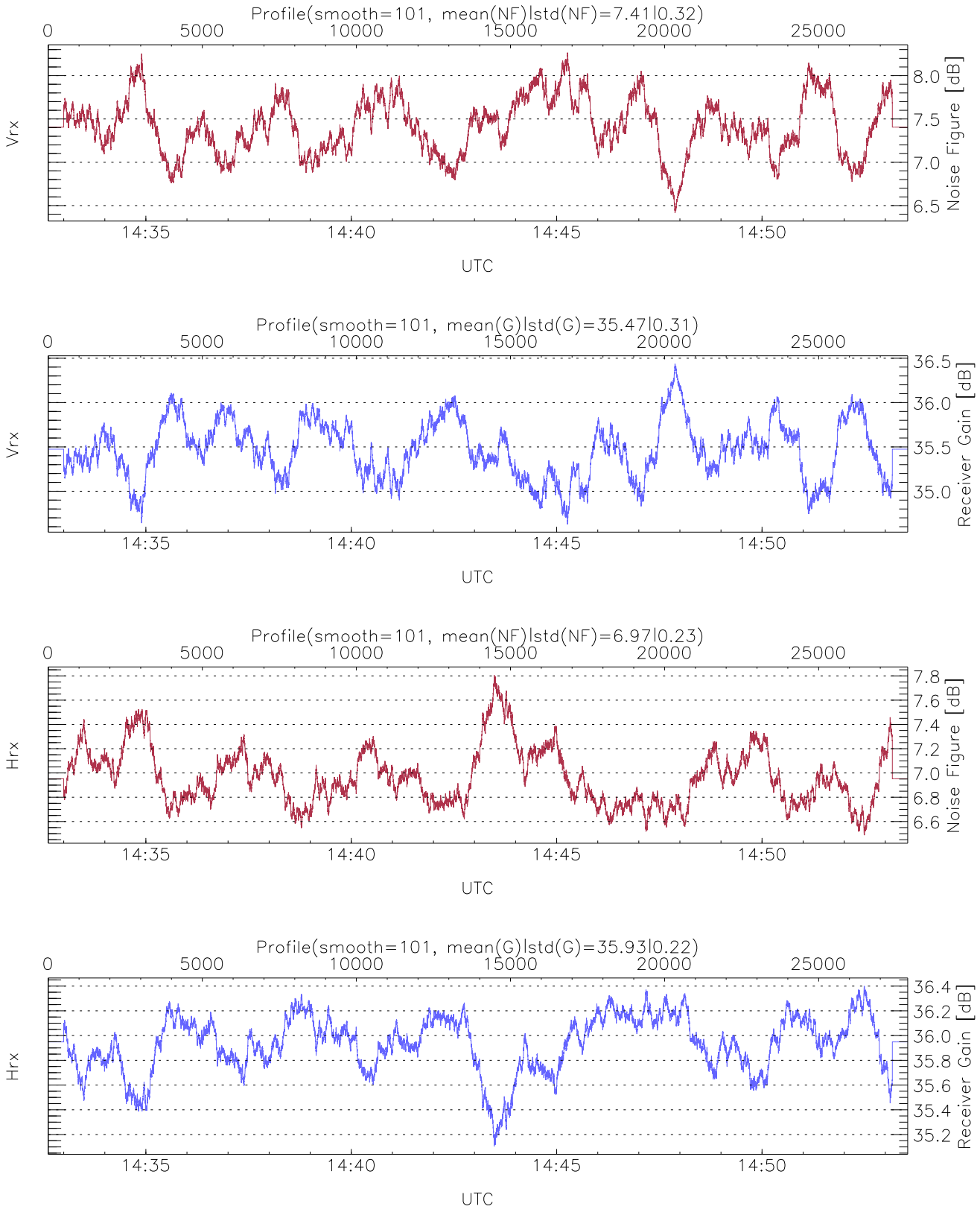
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:32:37-14:53:33, TimeCor: 0.00s, Dur: 1255.41s
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): 27892/27892, 0-27891/14:32:37-14:53:33
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



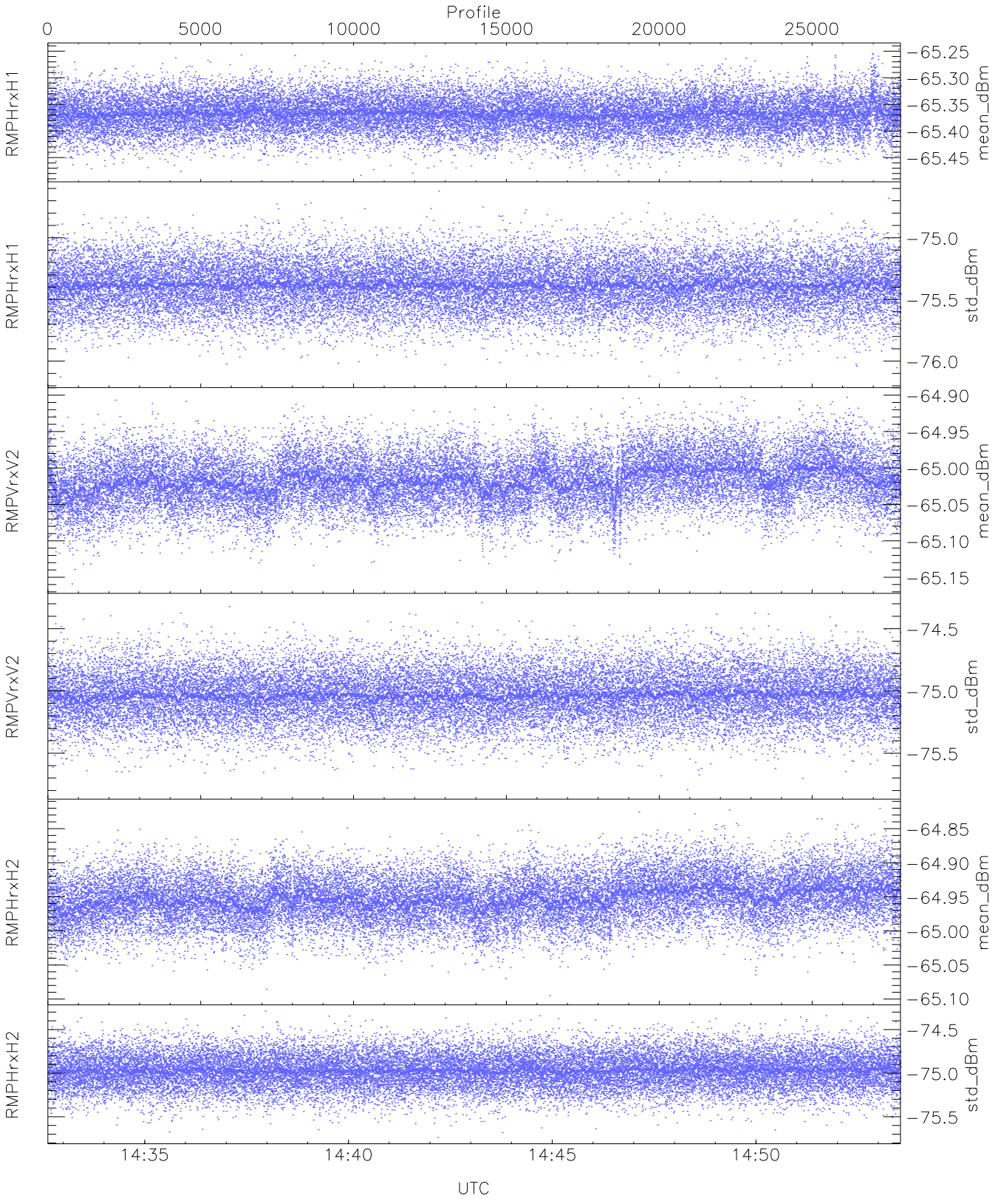
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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): 0,0,68,0
EIK Faults(# prof affected):
BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22)



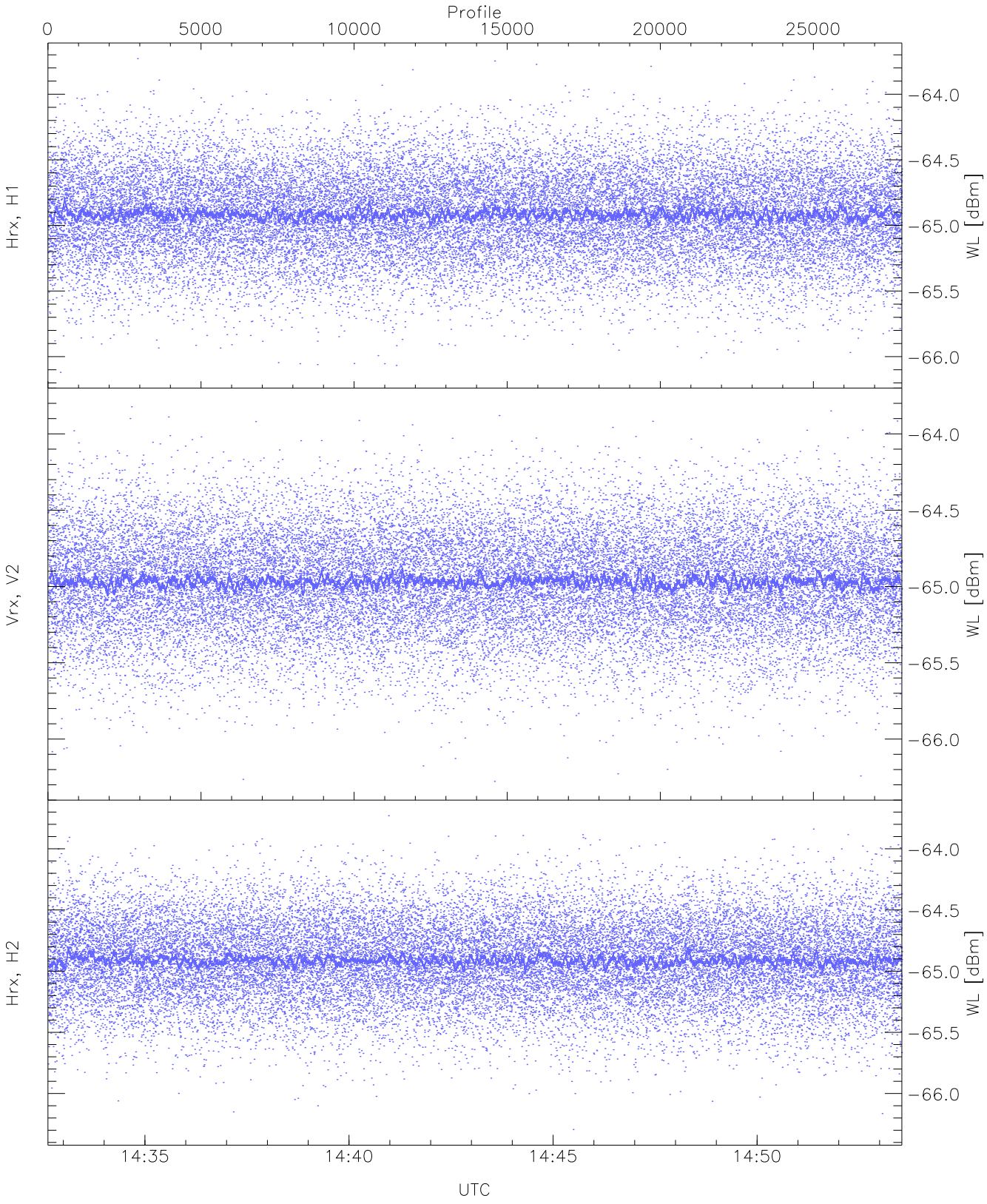
WCR3 CPP Receivers Gain and Noise Figure

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



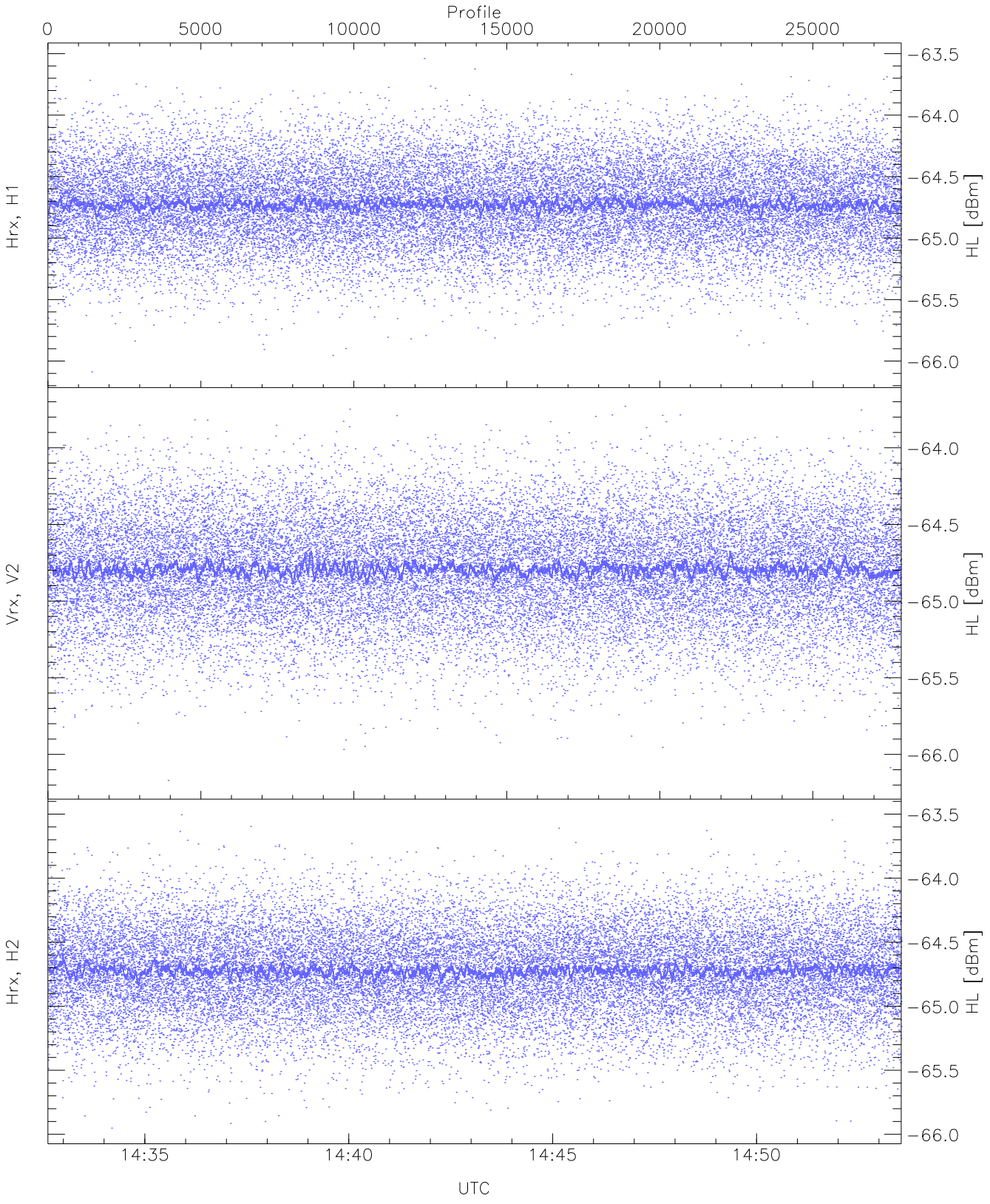
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.48	-65.25	-65.37	-65.37	-86.86
RMPHrxH1(std_dBm)	-76.14	-74.62	-75.38	-75.38	-89.18
RMPVrxV2(mean_dBm)	-65.16	-64.90	-65.02	-65.02	-86.32
RMPVrxV2(std_dBm)	-75.79	-74.29	-75.04	-75.04	-88.81
RMPHrxH2(mean_dBm)	-65.09	-64.82	-64.95	-64.95	-86.32
RMPHrxH2(std_dBm)	-75.74	-74.29	-74.97	-74.97	-88.75



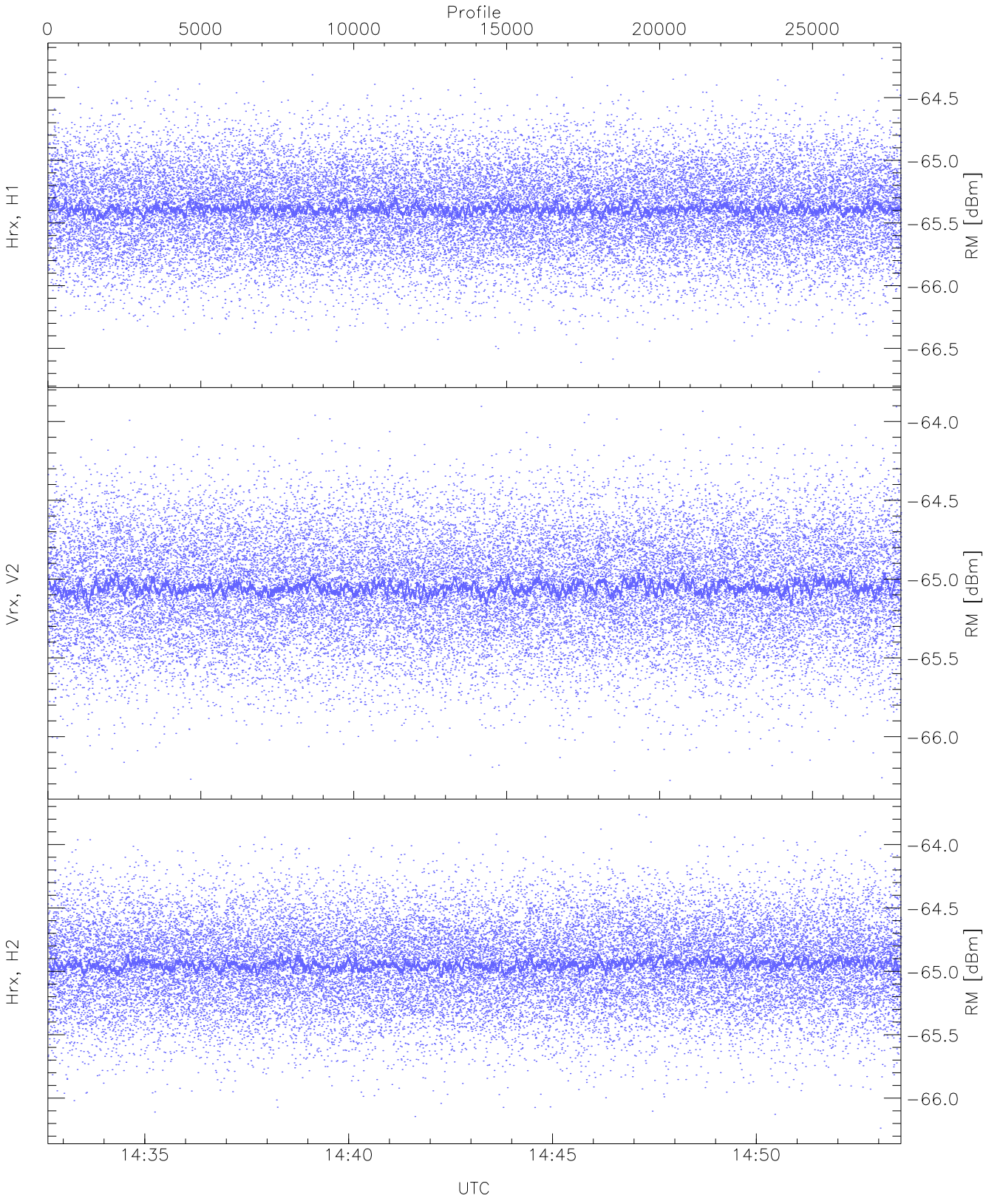
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.12	-63.73	-64.91	-64.91	-76.41
Vrx, V2(WL [dBm])	-66.28	-63.82	-64.96	-64.97	-76.47
Hrx, H2(WL [dBm])	-66.29	-63.73	-64.90	-64.91	-76.39



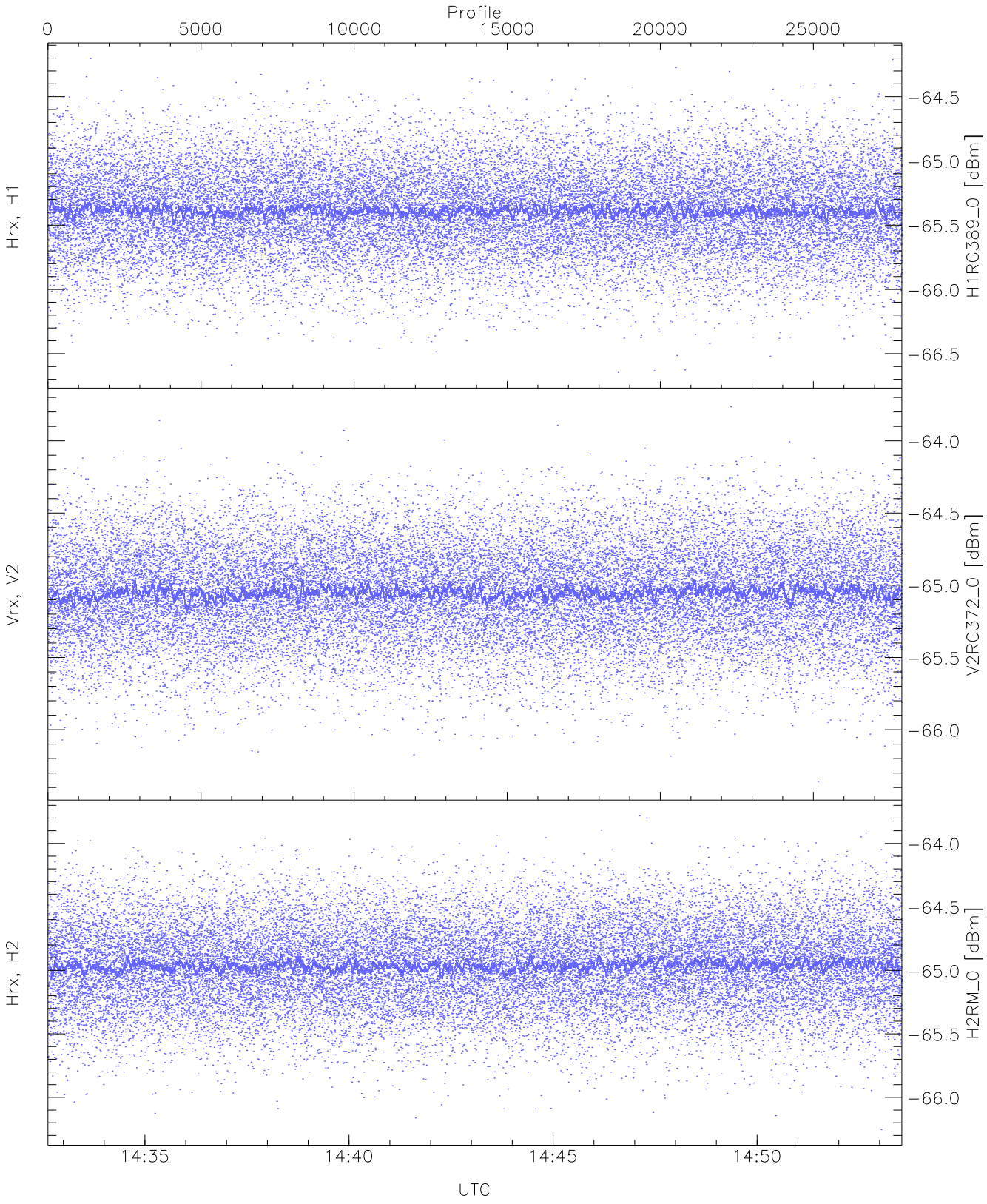
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.09	-63.54	-64.72	-64.73	-76.20
Vrx, V2(HL [dBm])	-66.17	-63.73	-64.79	-64.79	-76.30
Hrx, H2(HL [dBm])	-65.95	-63.50	-64.72	-64.73	-76.23



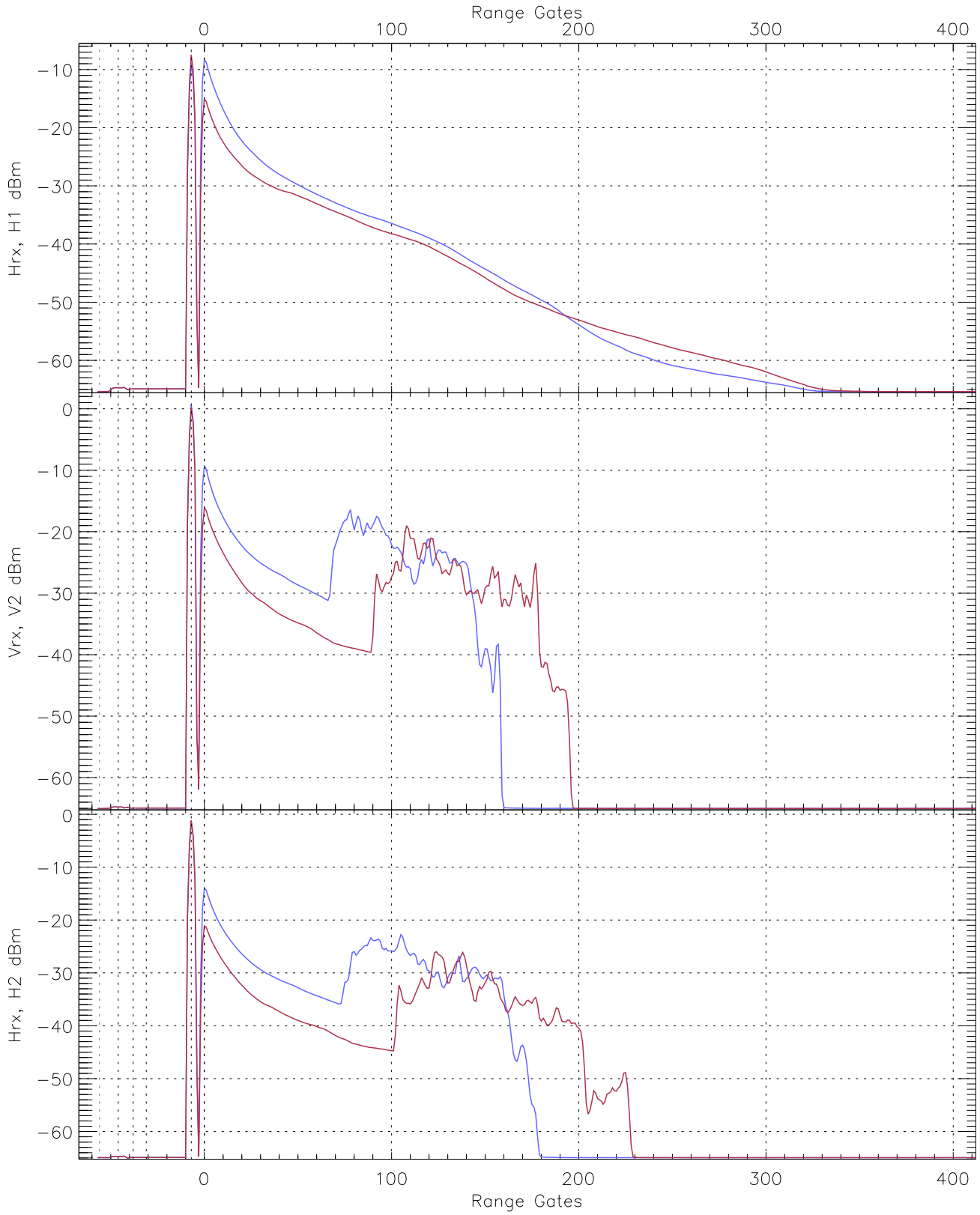
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.69	-64.19	-65.38	-65.39	-76.88
Vrx, V2(RM [dBm])	-66.28	-63.90	-65.05	-65.06	-76.53
Hrx, H2(RM [dBm])	-66.24	-63.77	-64.94	-64.95	-76.42

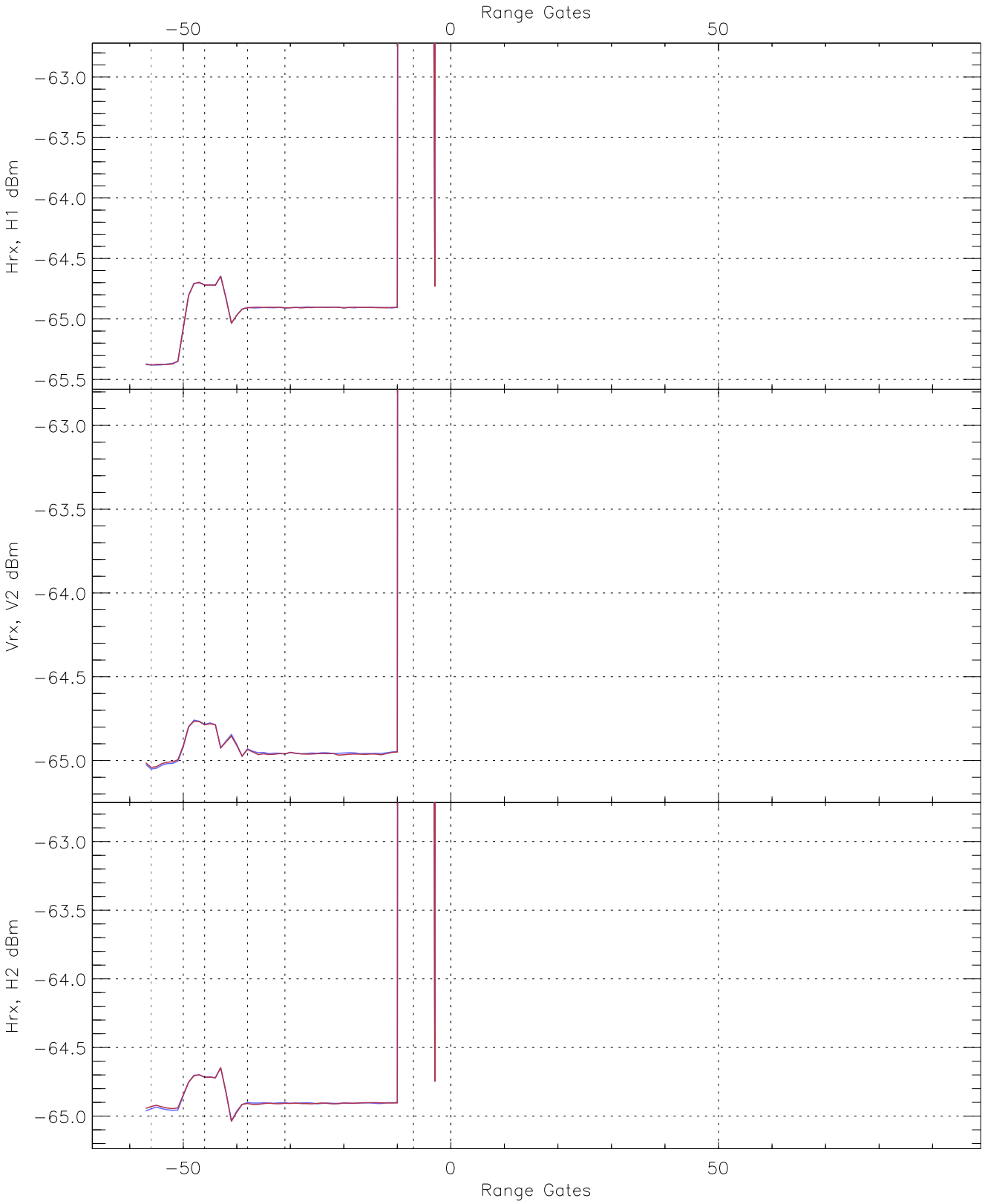


WCR3 CPP "Best" estimate Receivers Noise Power

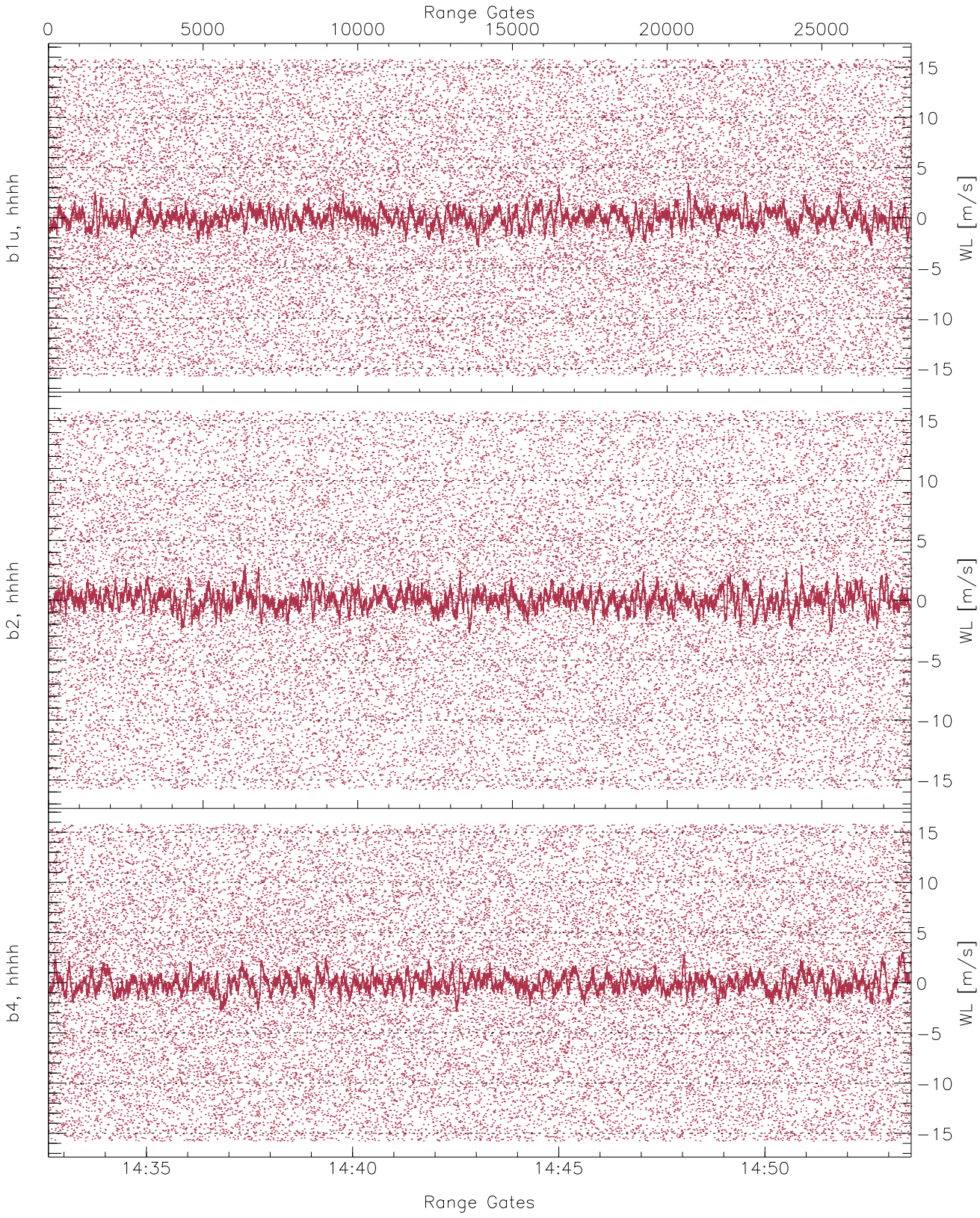
	Min	Max	Mean	Median	StDev
H1RG389_0 [dBm]	-66.65	-64.20	-65.38	-65.39	-76.88
V2RG372_0 [dBm]	-66.36	-63.76	-65.05	-65.05	-76.56
H2RM_0 [dBm]	-66.25	-63.78	-64.96	-64.96	-76.43



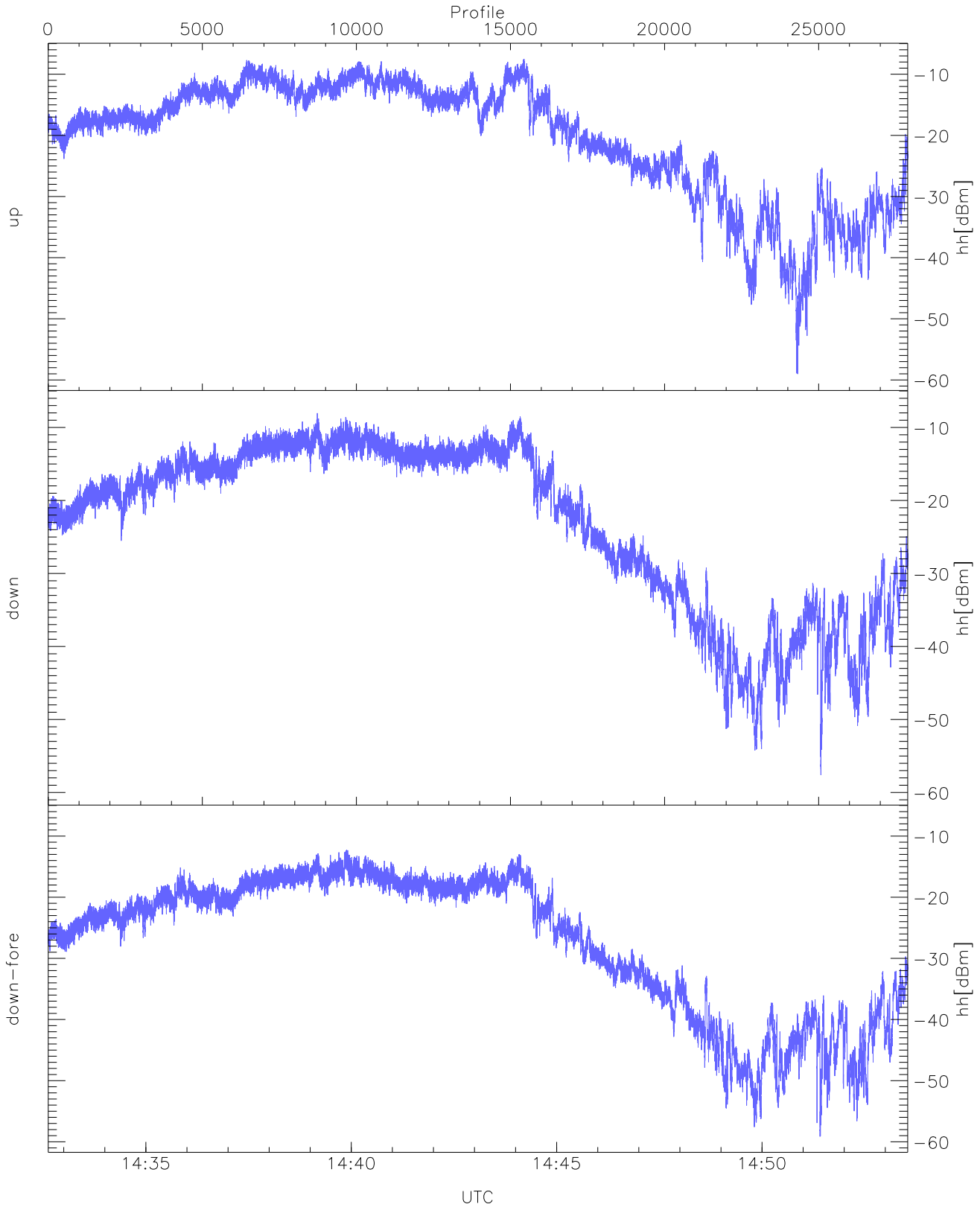
WCR3 CPP Averaged Received power for all recorded gates
blue: 143237-144305, 13947 profiles averaged
red: 144305-145333, 13946 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 143237-144305, 13947 profiles averaged
red: 144305-145333, 13946 profiles averaged

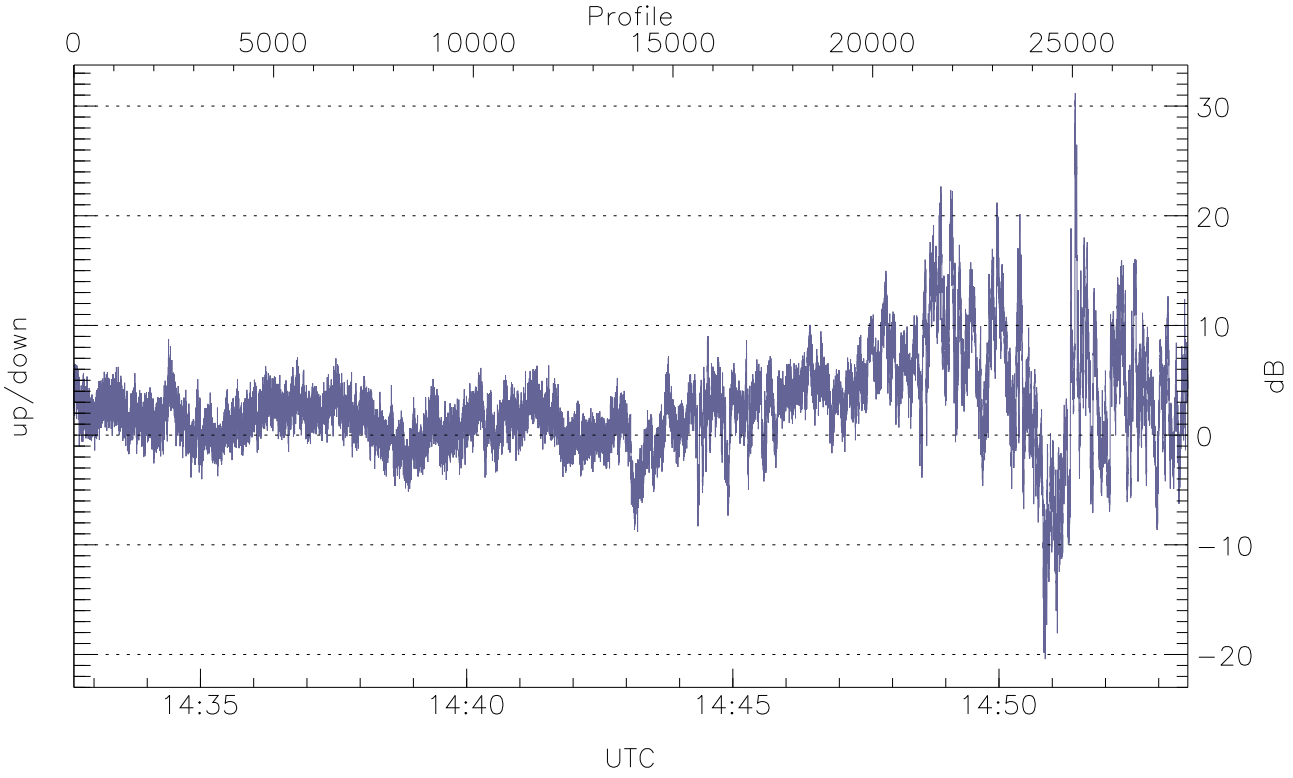


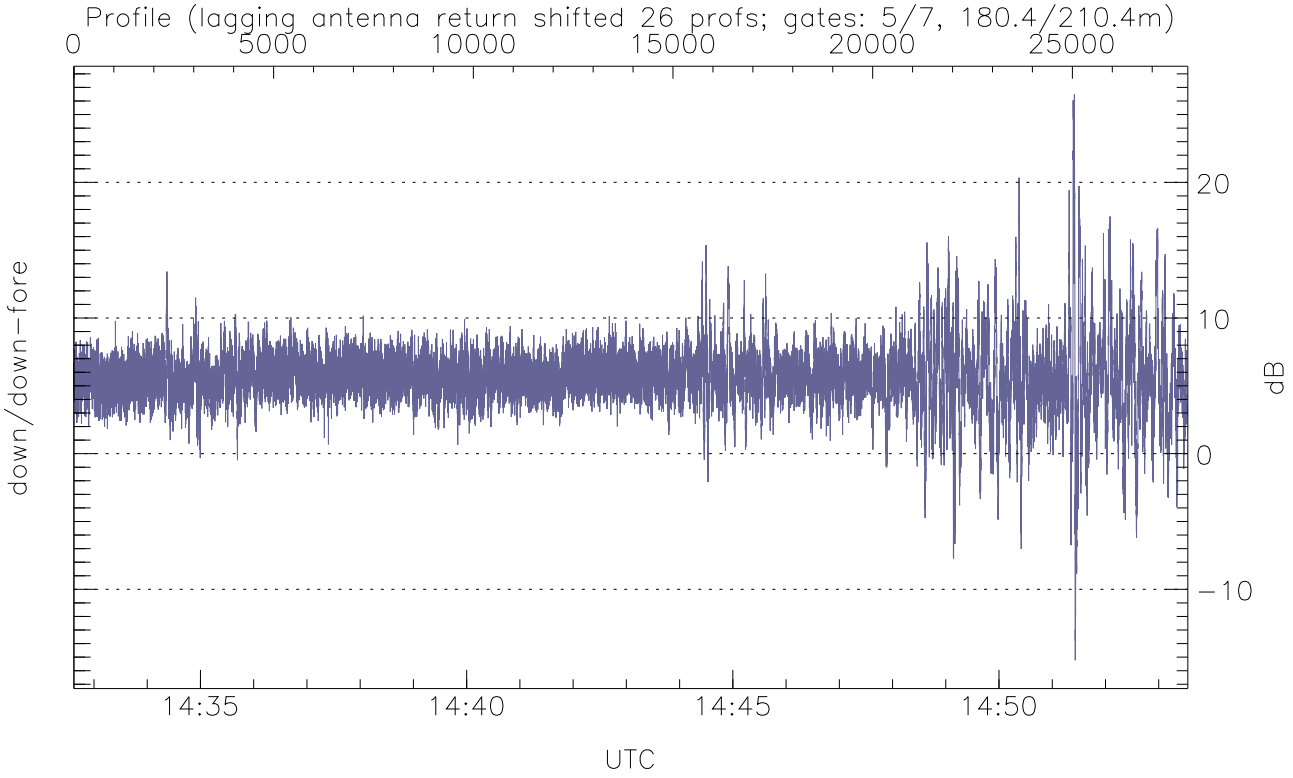
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

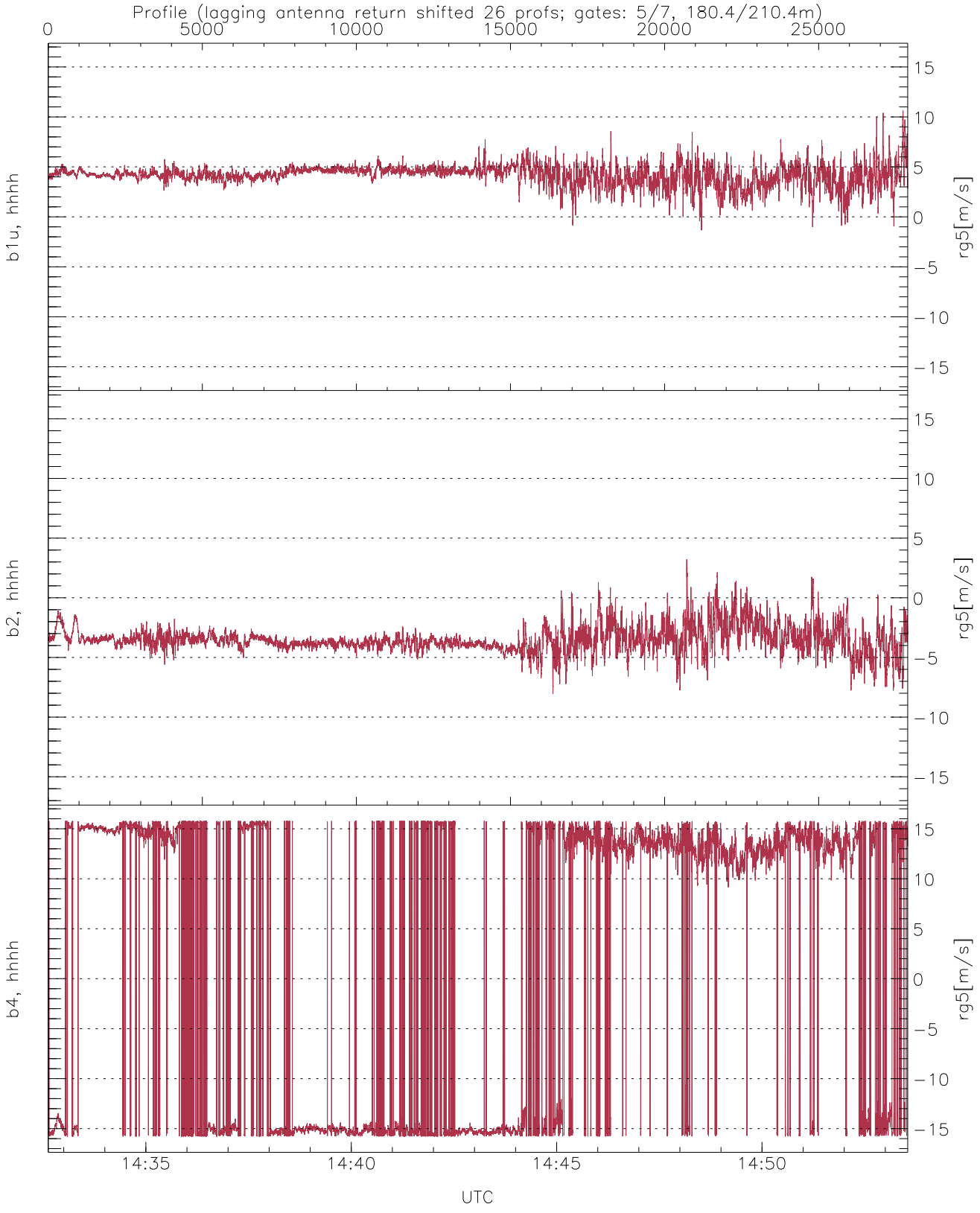
	Min	Max	Mean
up(hh[dBm])	-59.03	-7.51	-15.03
down(hh[dBm])	-57.61	-8.04	-16.15
down-fore(hh[dBm])	-59.14	-12.23	-20.43





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

	Min	Max	Mean
up/down(dB)	-20.42	31.16	2.52
down/down-fore(dB)	-15.23	26.48	5.70



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.34	10.62	4.17	1.03
b2, hhhh(rg5[m/s])	-8.06	3.22	-3.48	1.09
b4, hhhh(rg5[m/s])	-15.79	15.79	2.07	14.49