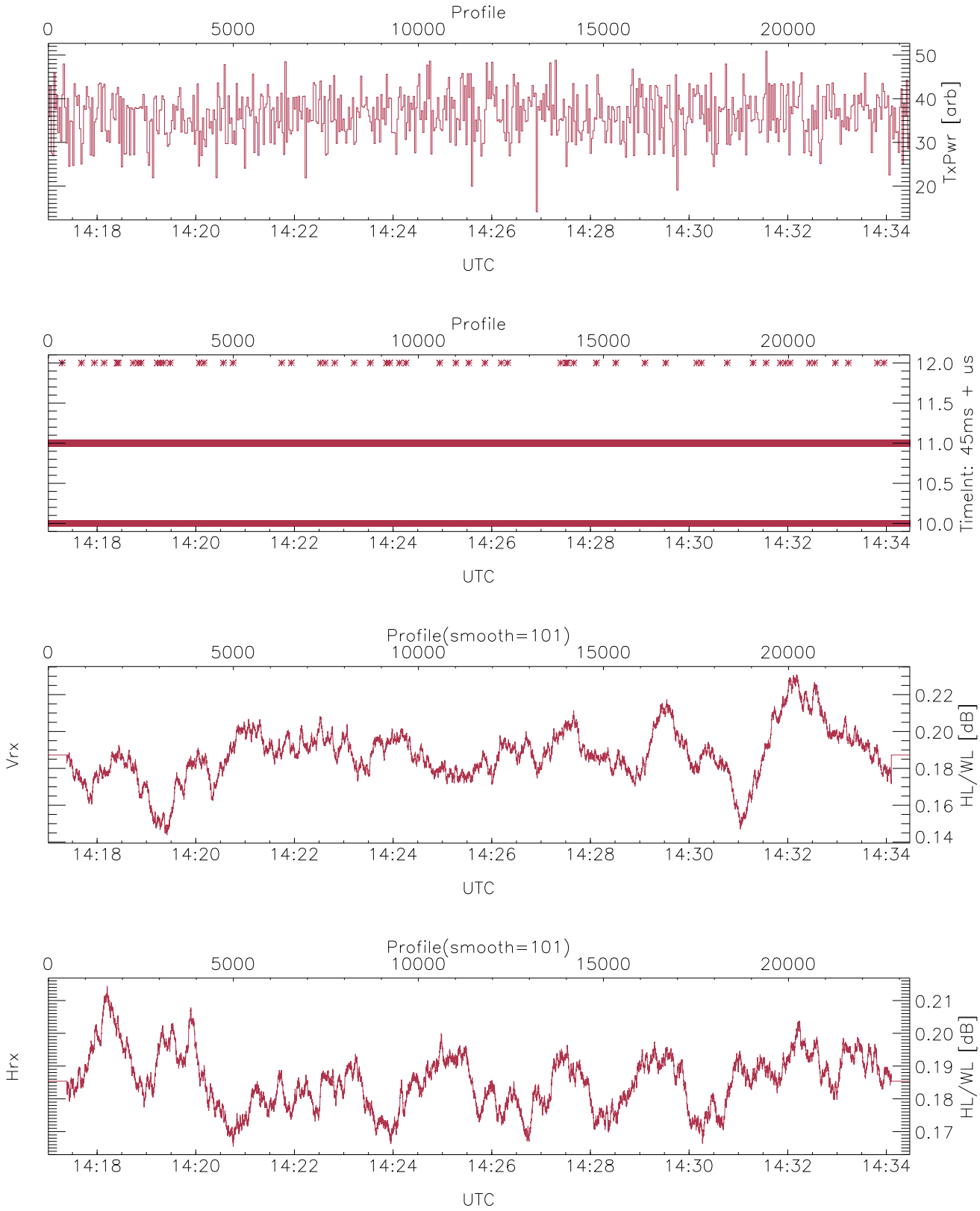
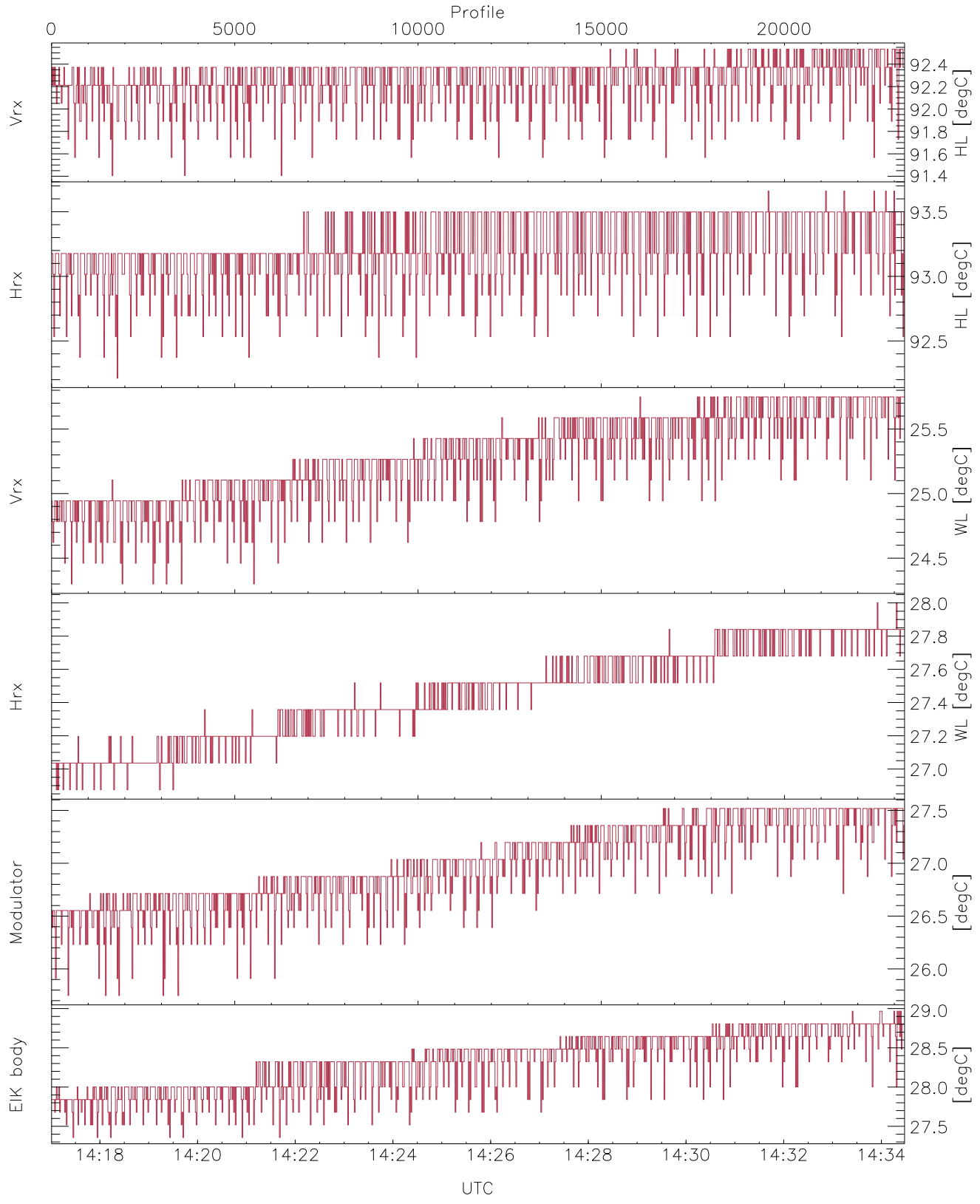


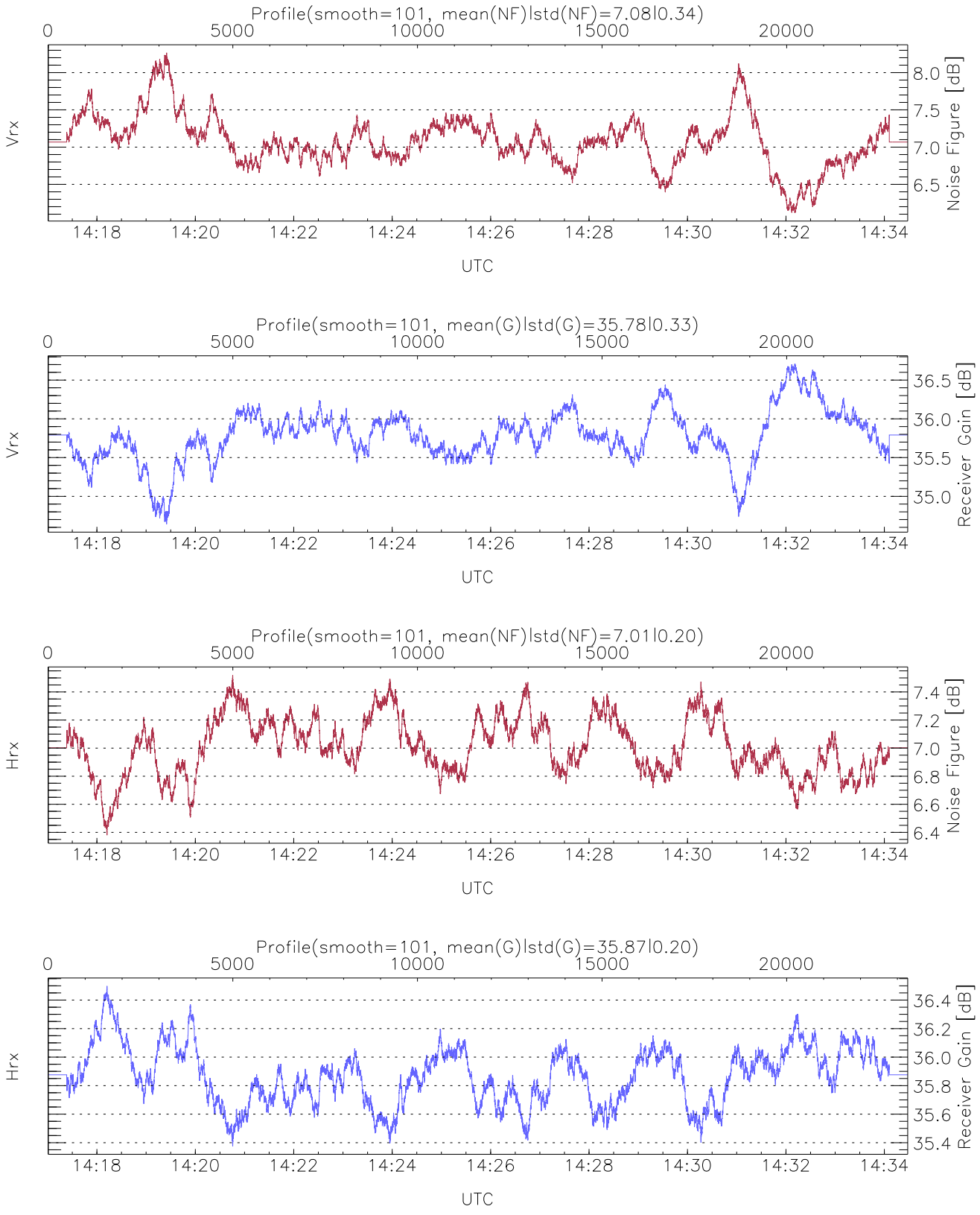
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:17:01-14:34:29, TimeCor: 0.00s, Dur: 1047.82s
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): 23280/23280, 0-23279/14:17:01-14:34:29
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



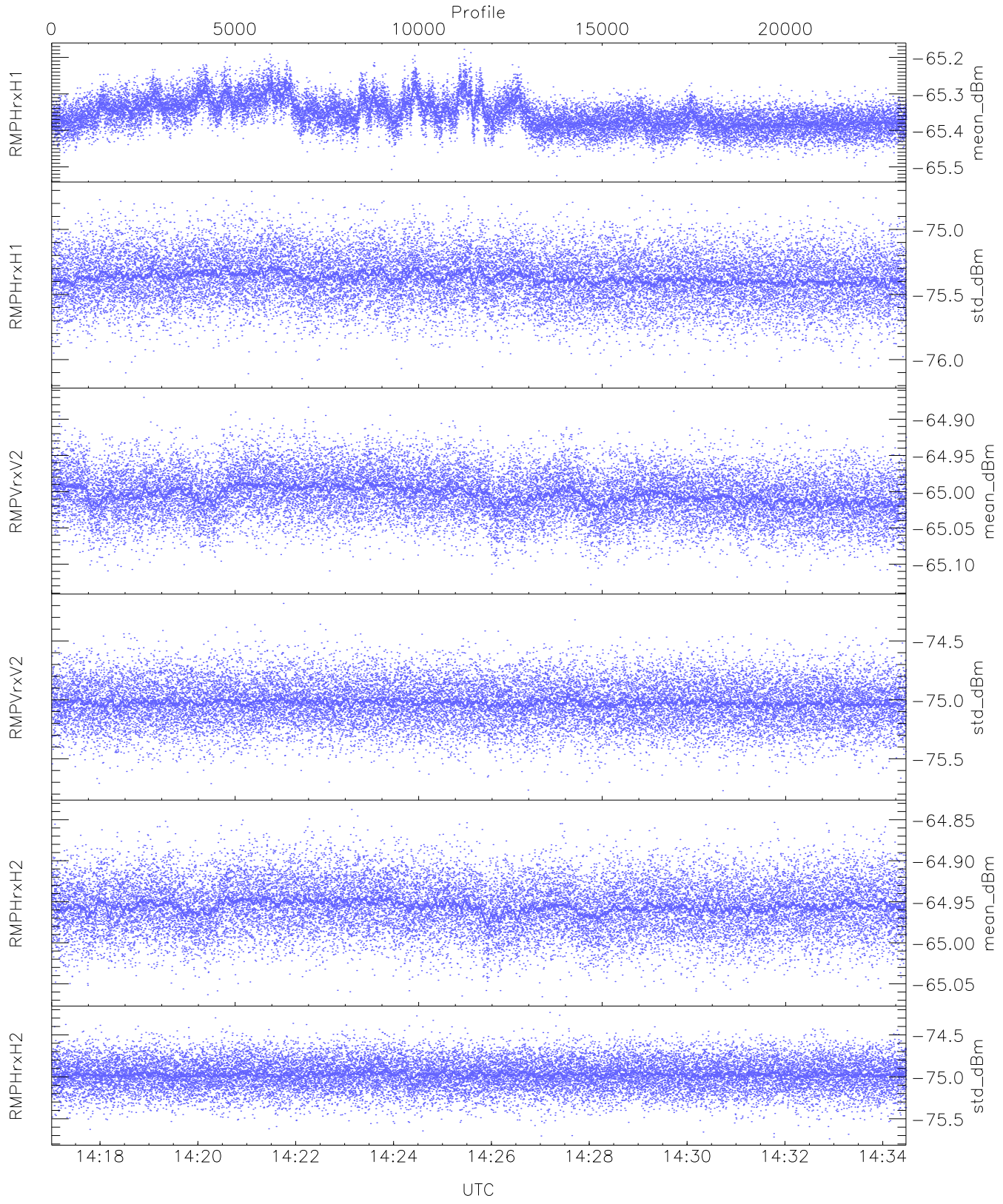
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,26,25,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,28,27,28
LOalarm(20,240,2817,14861 MHz): 0,0,45,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)



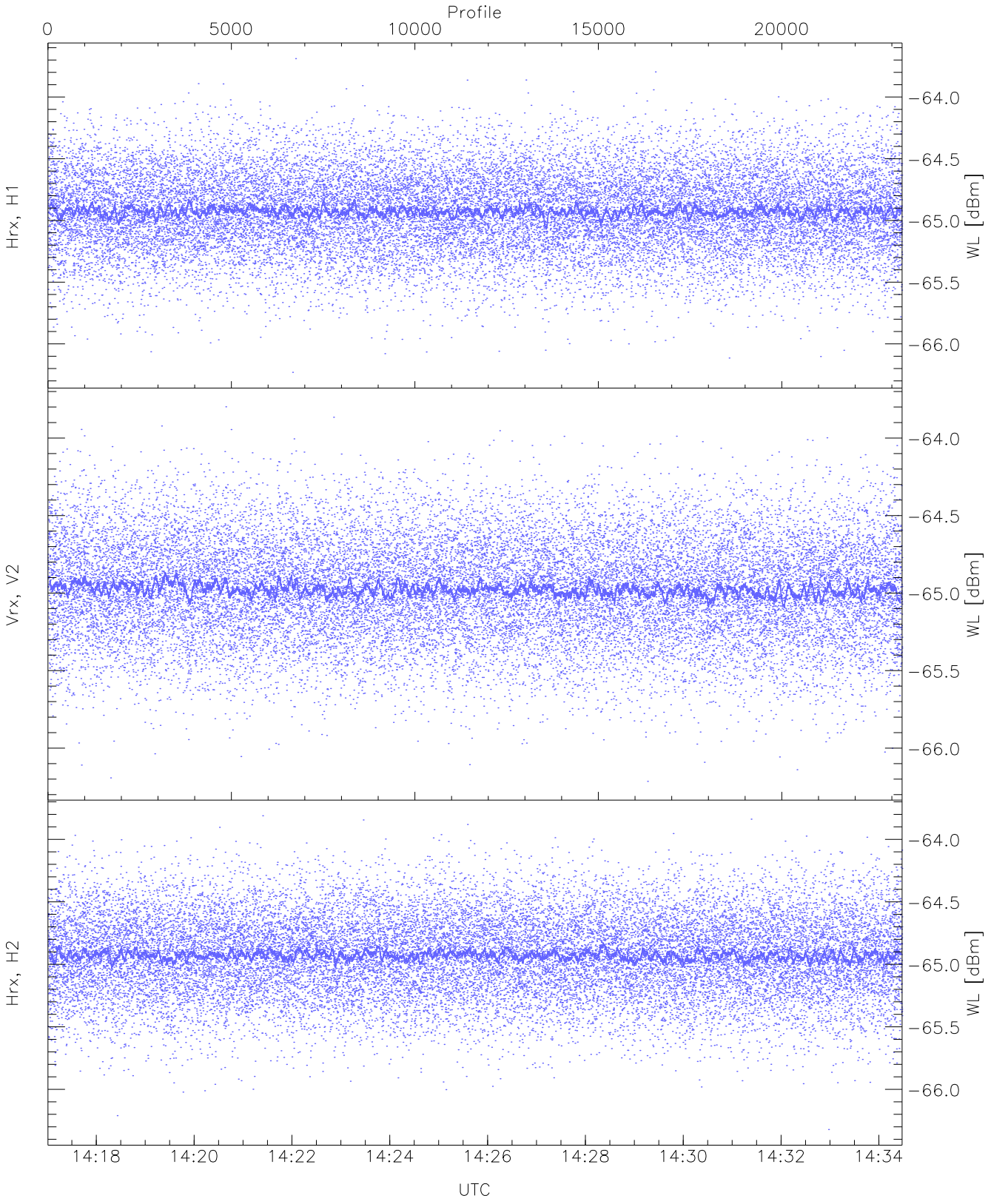
WCR3 CPP Receivers Gain and Noise Figure

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



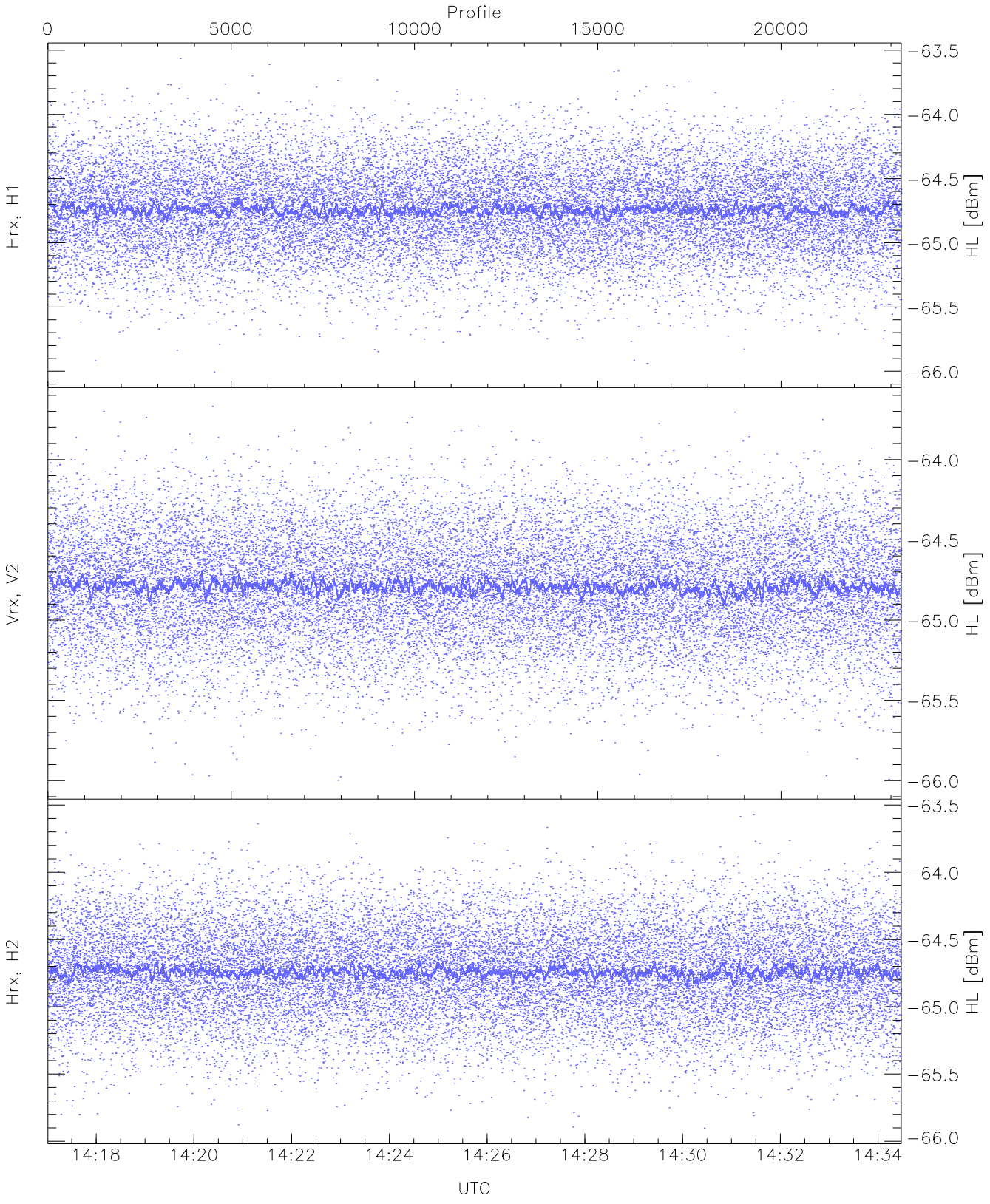
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.52	-65.18	-65.36	-65.36	-85.38
RMPHrxH1(std_dBm)	-76.15	-74.71	-75.37	-75.37	-89.08
RMPVrxV2(mean_dBm)	-65.13	-64.87	-65.00	-65.00	-86.38
RMPVrxV2(std_dBm)	-75.77	-74.18	-75.02	-75.03	-88.80
RMPHrxH2(mean_dBm)	-65.07	-64.84	-64.96	-64.96	-86.52
RMPHrxH2(std_dBm)	-75.74	-74.23	-74.97	-74.97	-88.77



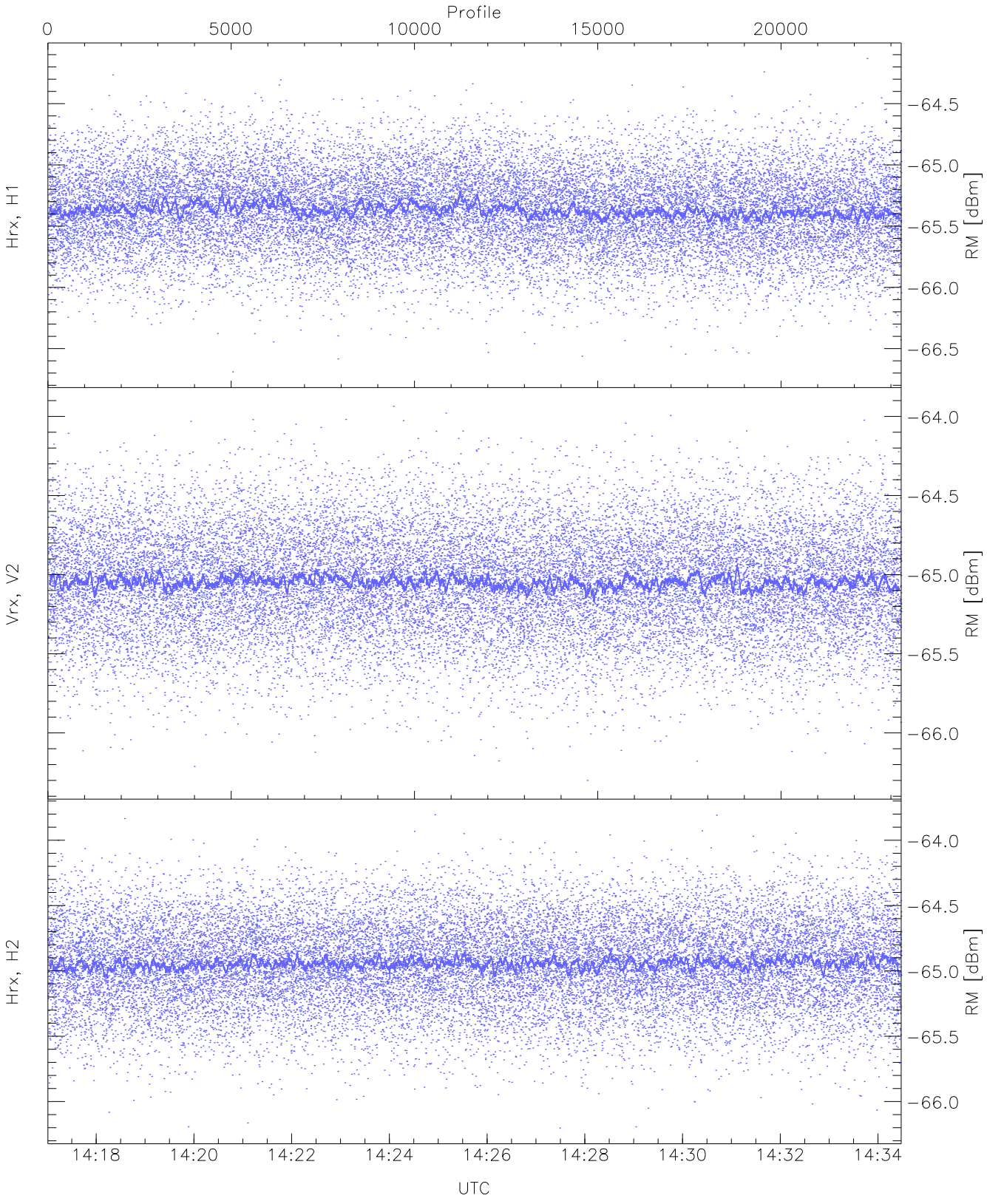
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.23	-63.69	-64.92	-64.93	-76.44
Vrx, V2(WL [dBm])	-66.21	-63.80	-64.97	-64.98	-76.48
Hrx, H2(WL [dBm])	-66.32	-63.81	-64.92	-64.93	-76.43



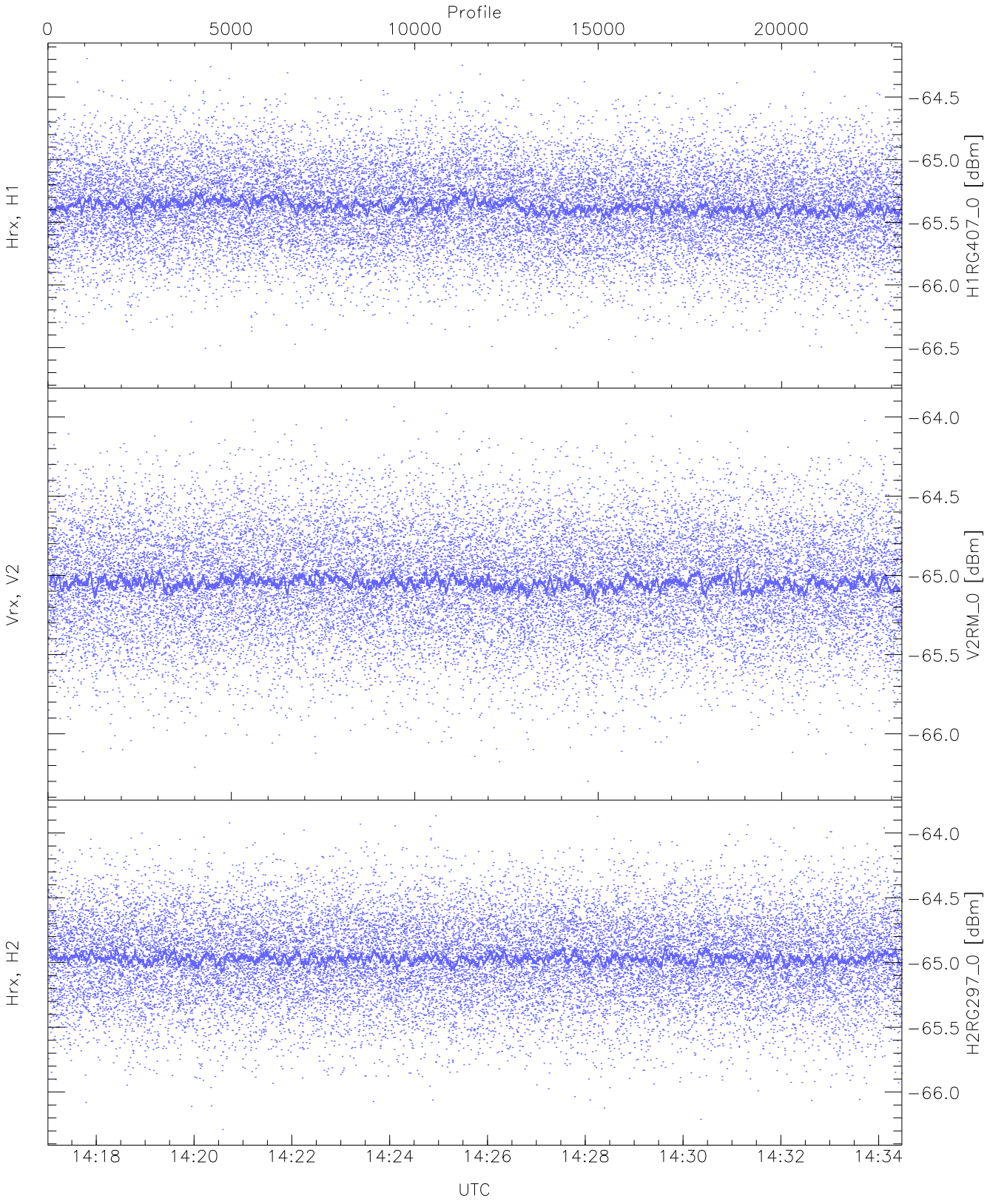
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.01	-63.57	-64.74	-64.74	-76.26
Vrx, V2(HL [dBm])	-66.00	-63.67	-64.78	-64.79	-76.31
Hrx, H2(HL [dBm])	-65.90	-63.57	-64.73	-64.74	-76.20



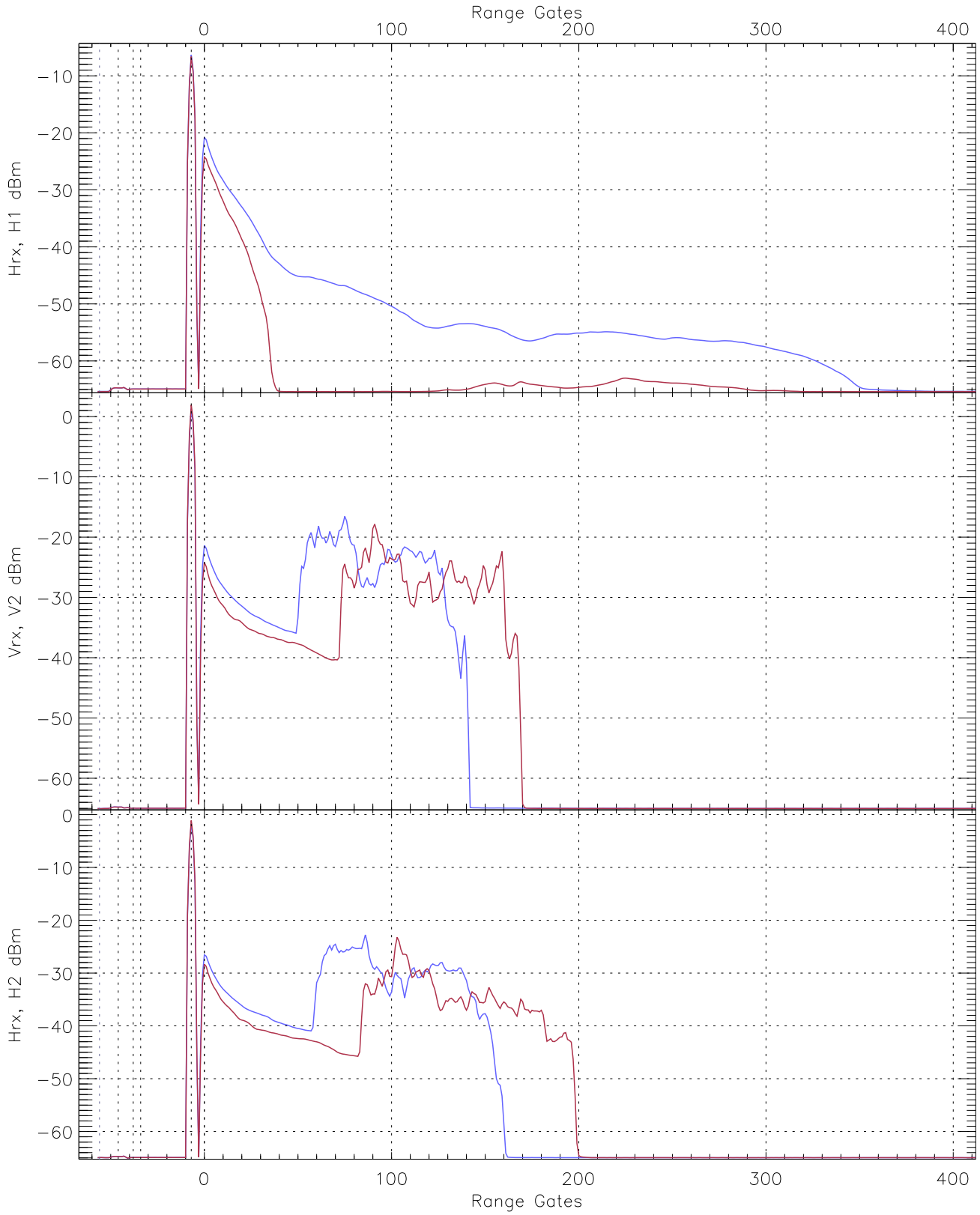
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.69	-64.13	-65.36	-65.37	-76.85
Vrx, V2(RM [dBm])	-66.30	-63.94	-65.04	-65.05	-76.56
Hrx, H2(RM [dBm])	-66.20	-63.81	-64.94	-64.94	-76.45

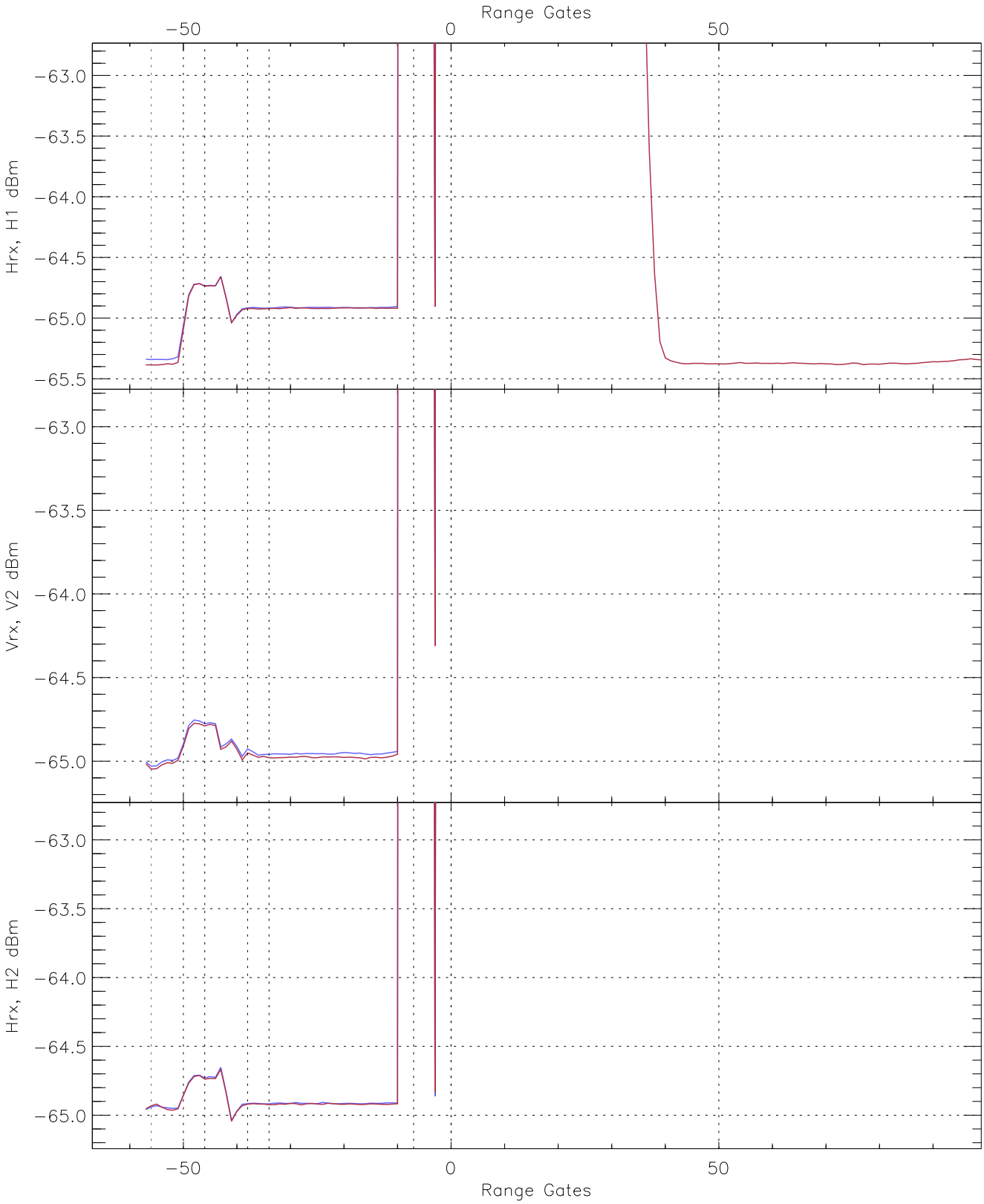


WCR3 CPP "Best" estimate Receivers Noise Power

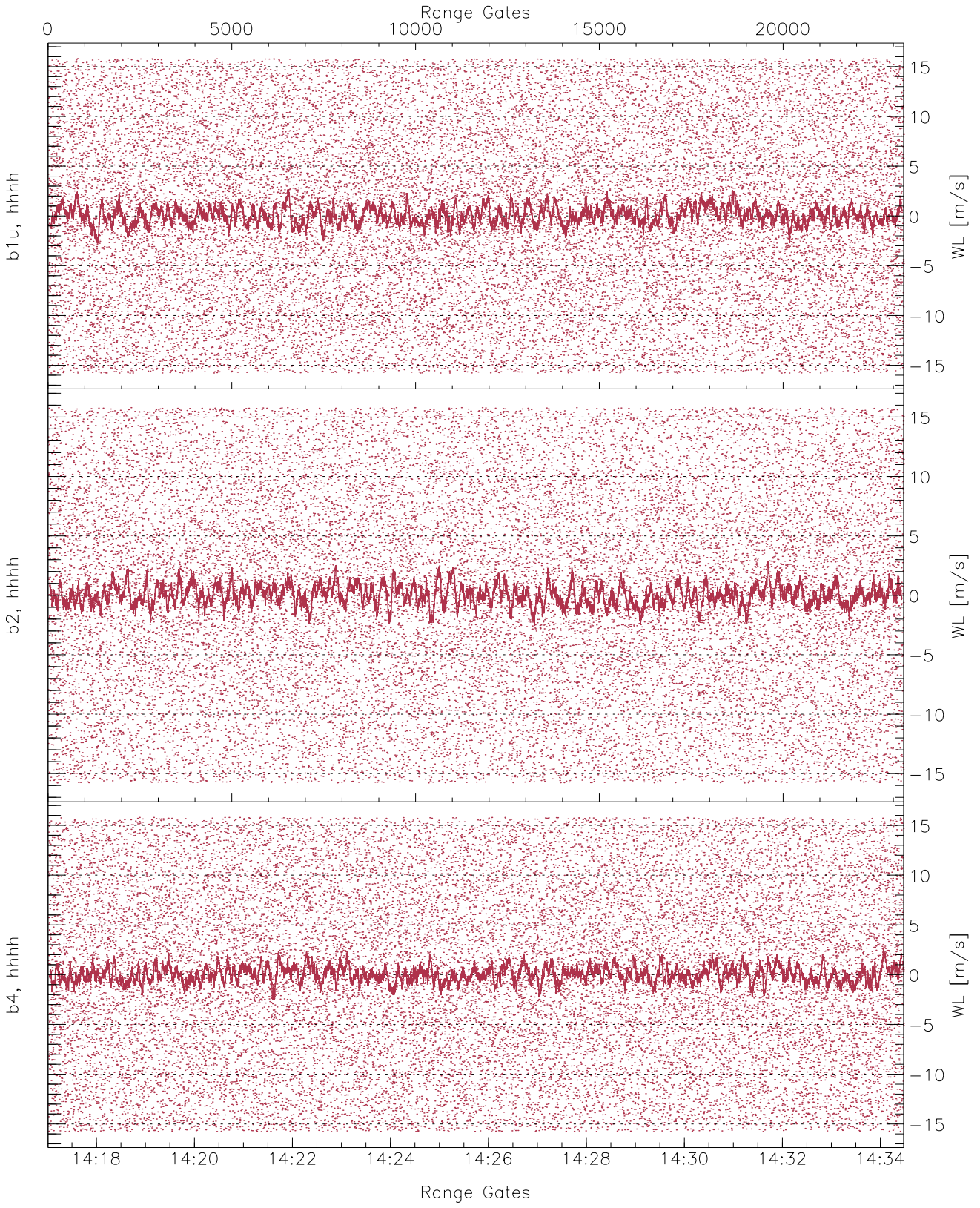
	Min	Max	Mean	Median	StDev
H1RG407_0 [dBm]	-66.70	-64.19	-65.36	-65.37	-76.84
V2RM_0 [dBm]	-66.30	-63.94	-65.04	-65.05	-76.56
H2RG297_0 [dBm]	-66.29	-63.87	-64.96	-64.97	-76.46



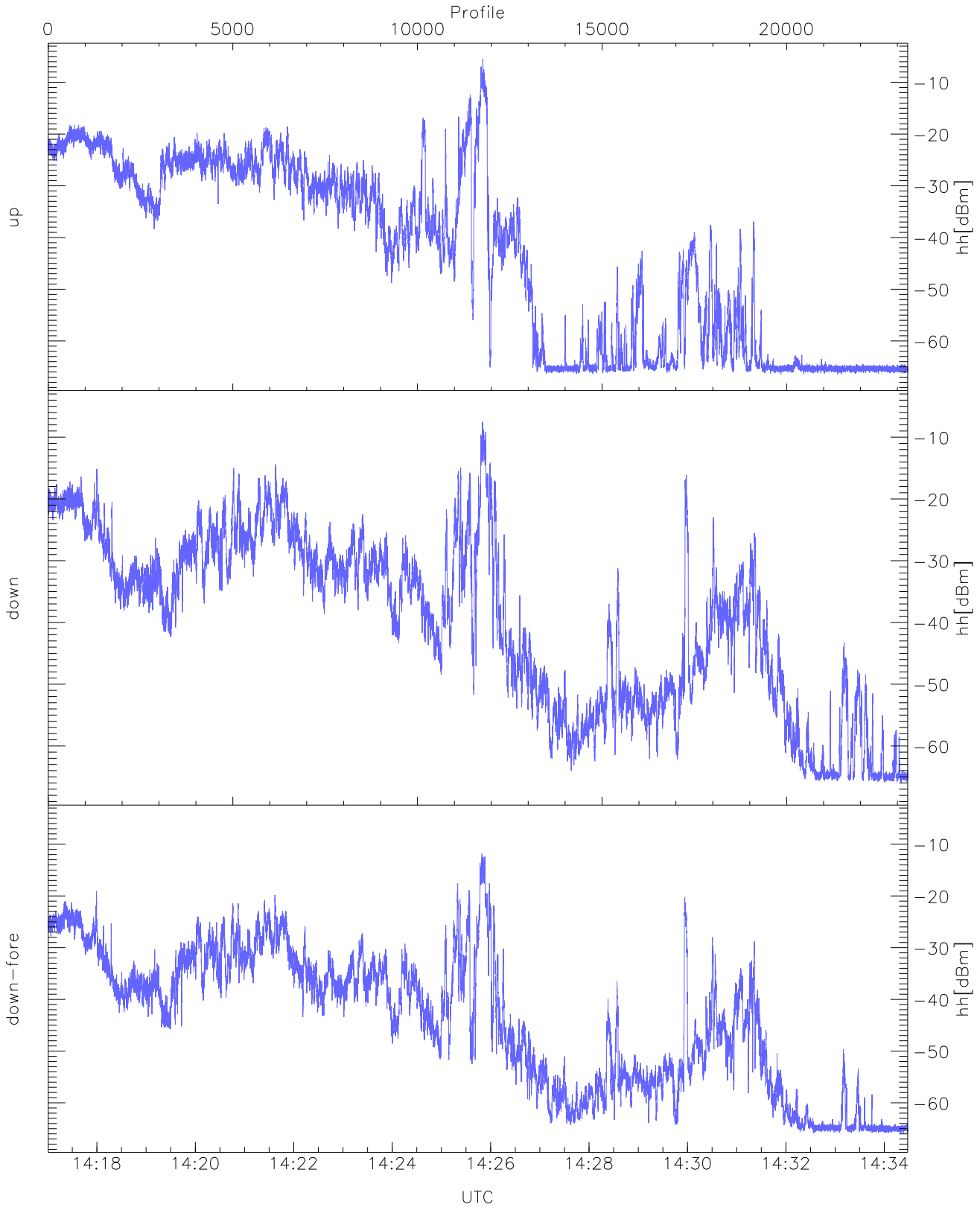
WCR3 CPP Averaged Received power for all recorded gates
blue: 141701-142545, 11641 profiles averaged
red: 142545-143429, 11640 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 141701-142545, 11641 profiles averaged
red: 142545-143429, 11640 profiles averaged

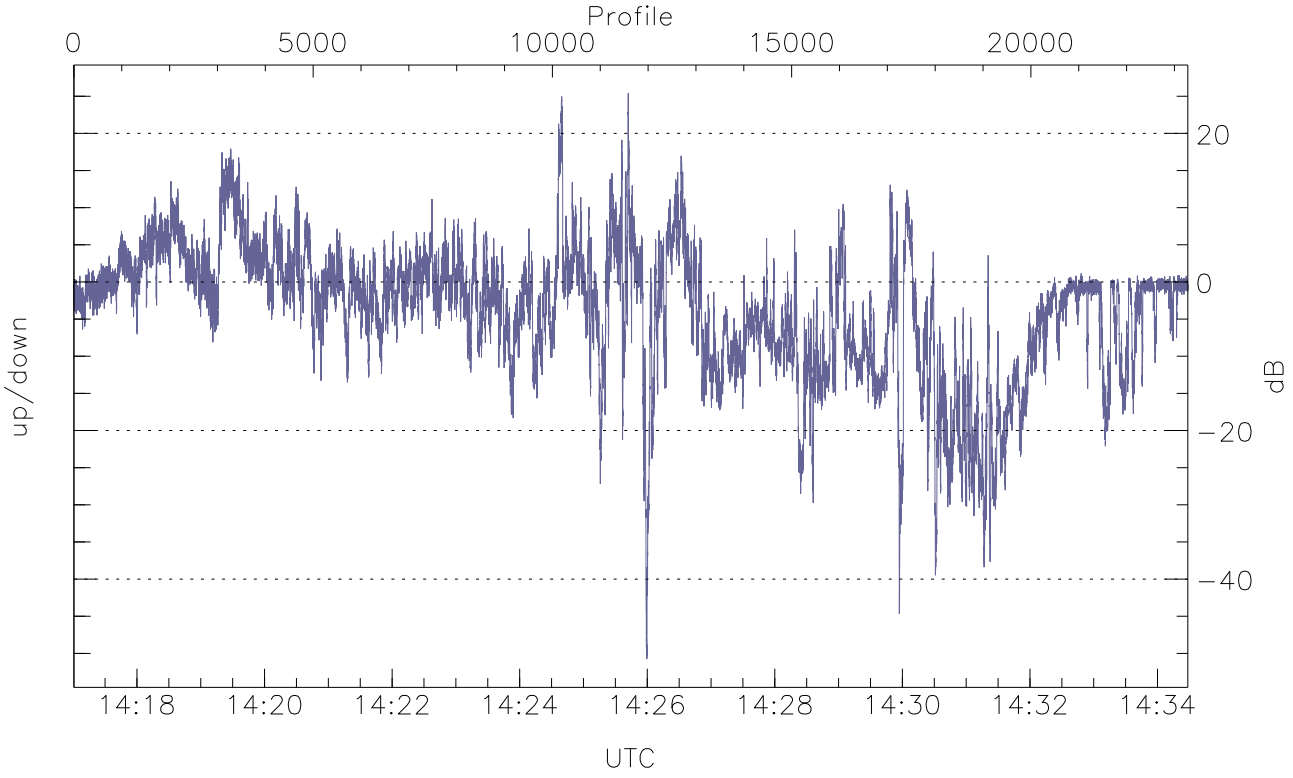


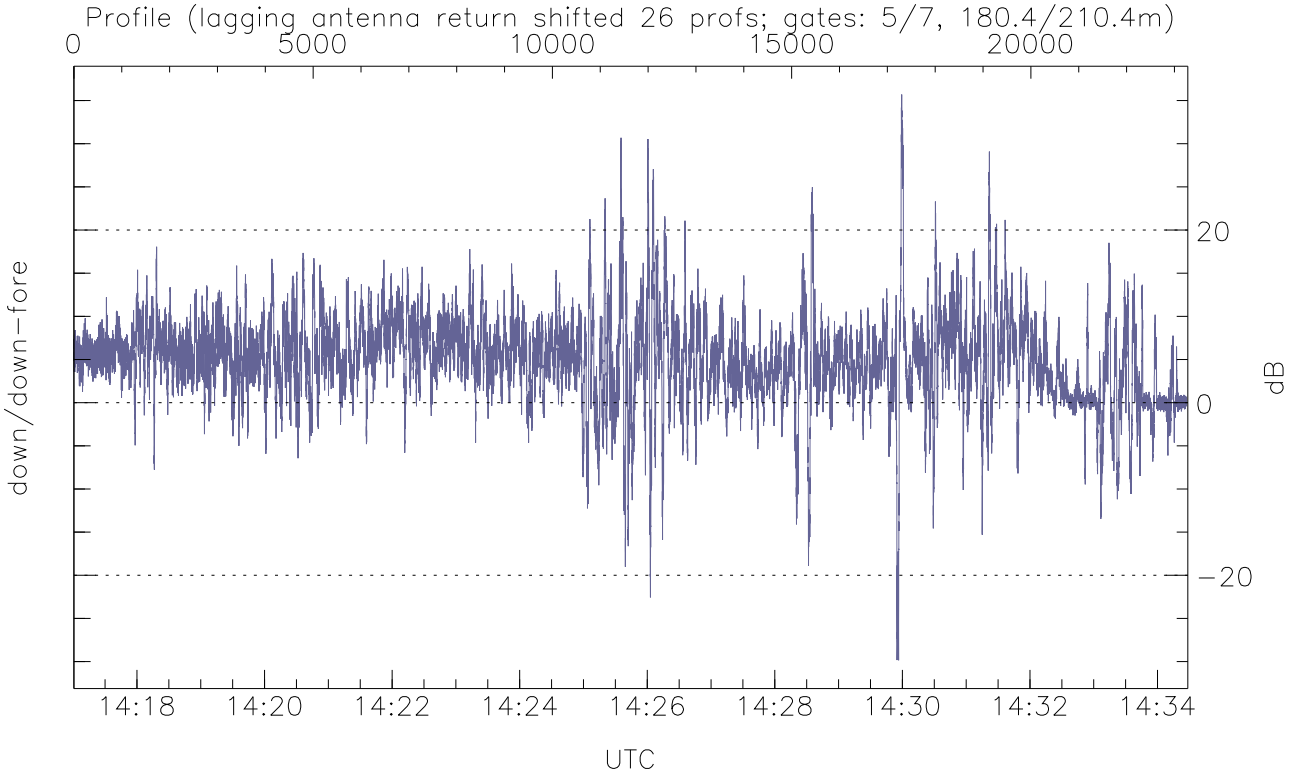
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

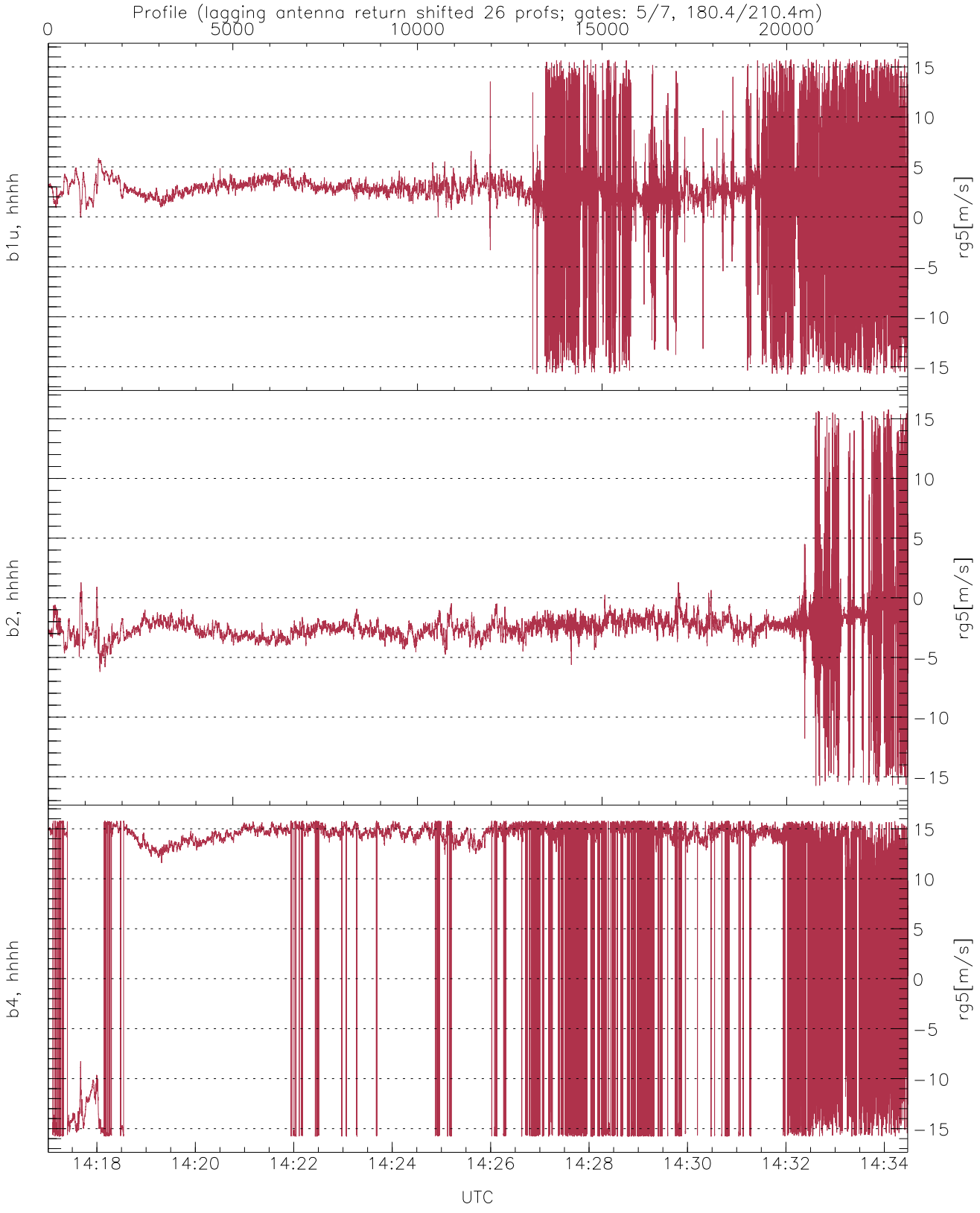
	Min	Max	Mean
up(hh[dBm])	-66.52	-5.48	-26.36
down(hh[dBm])	-65.92	-7.48	-26.80
down-fore(hh[dBm])	-65.90	-11.83	-31.29





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

	Min	Max	Mean
up/down(dB)	-50.76	25.39	-3.83
down/down-fore(dB)	-29.85	35.70	5.04



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	2.20	4.30
b2, hhhh(rg5[m/s])	-15.75	15.77	-2.36	2.10
b4, hhhh(rg5[m/s])	-15.79	15.79	9.68	10.38