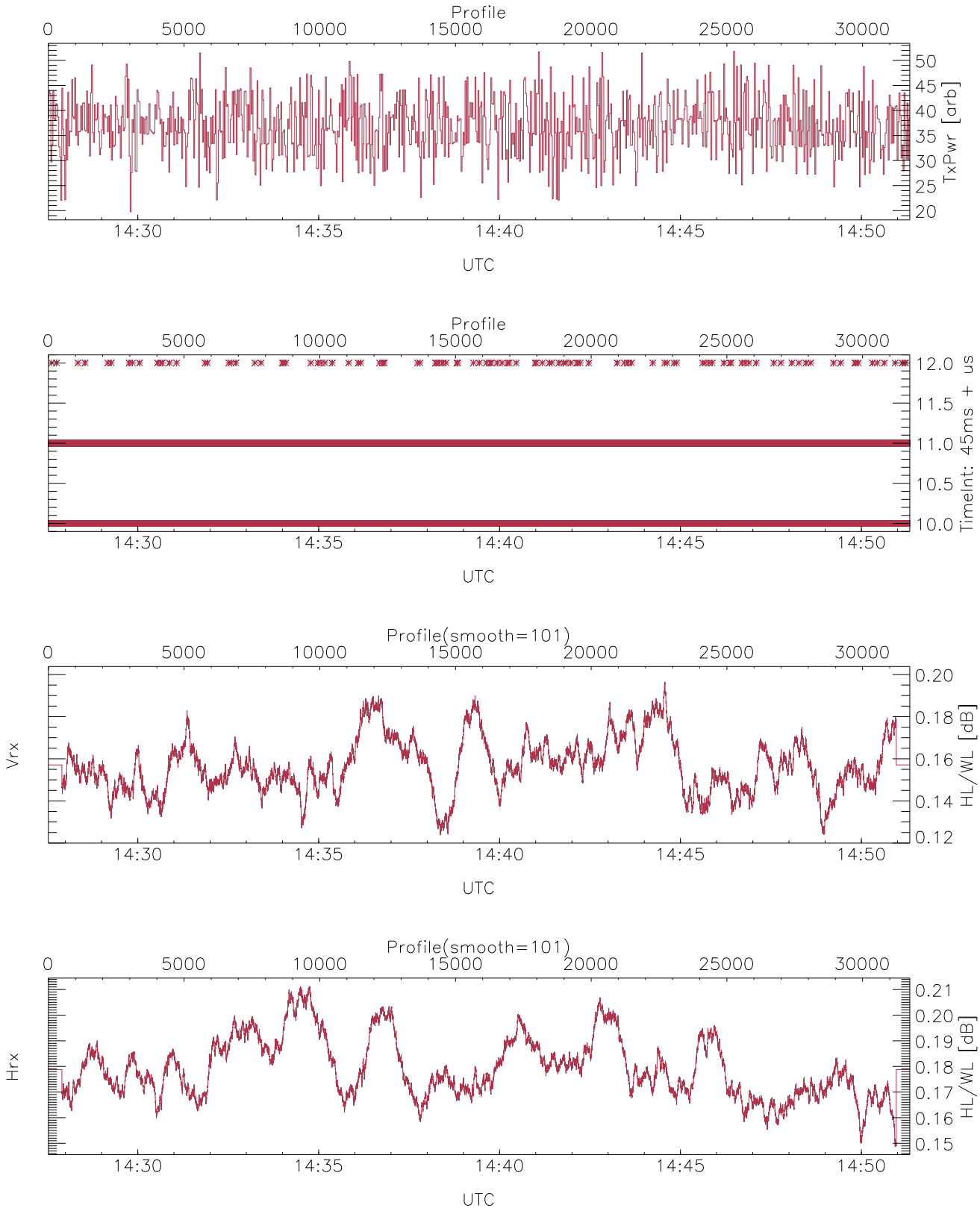
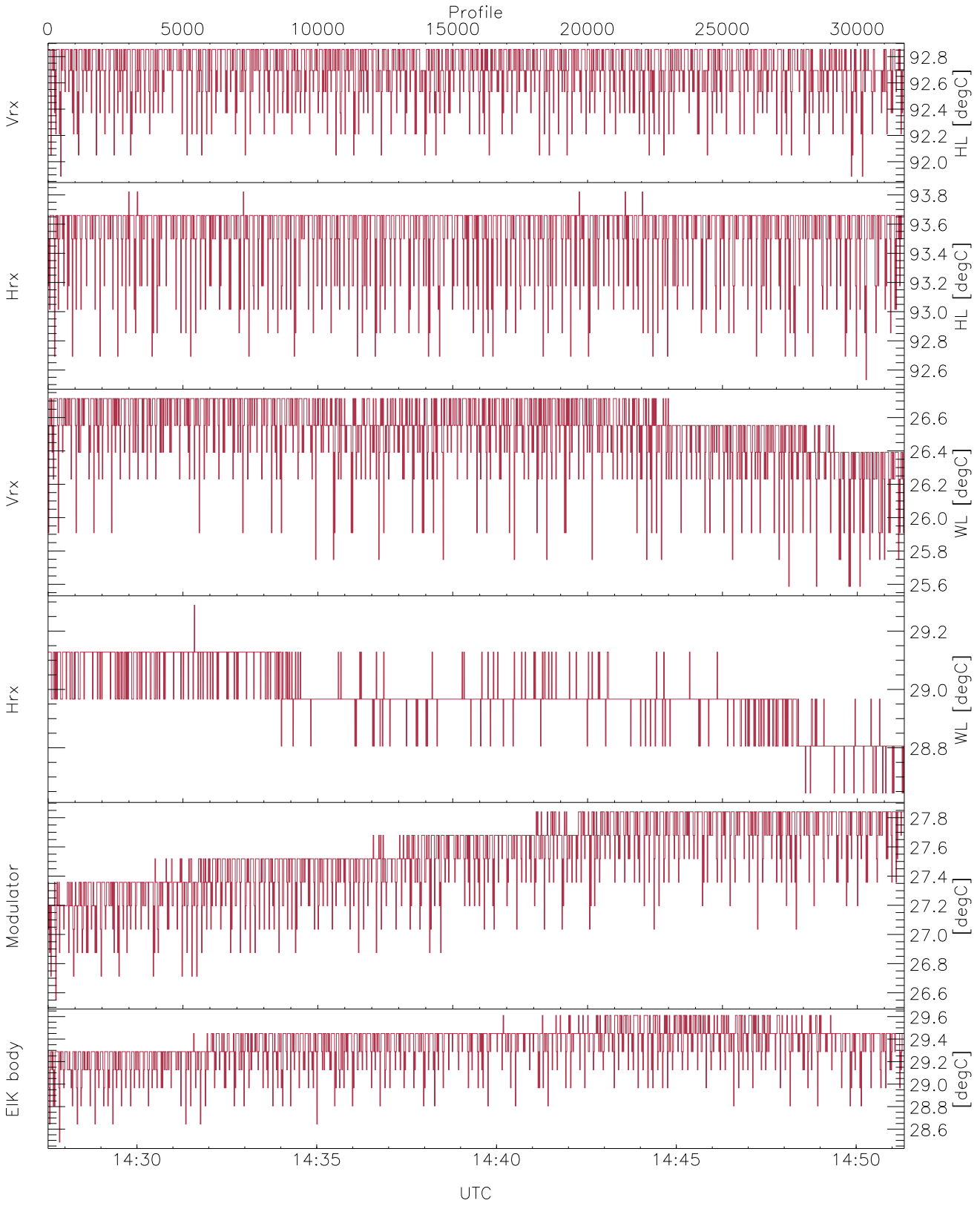


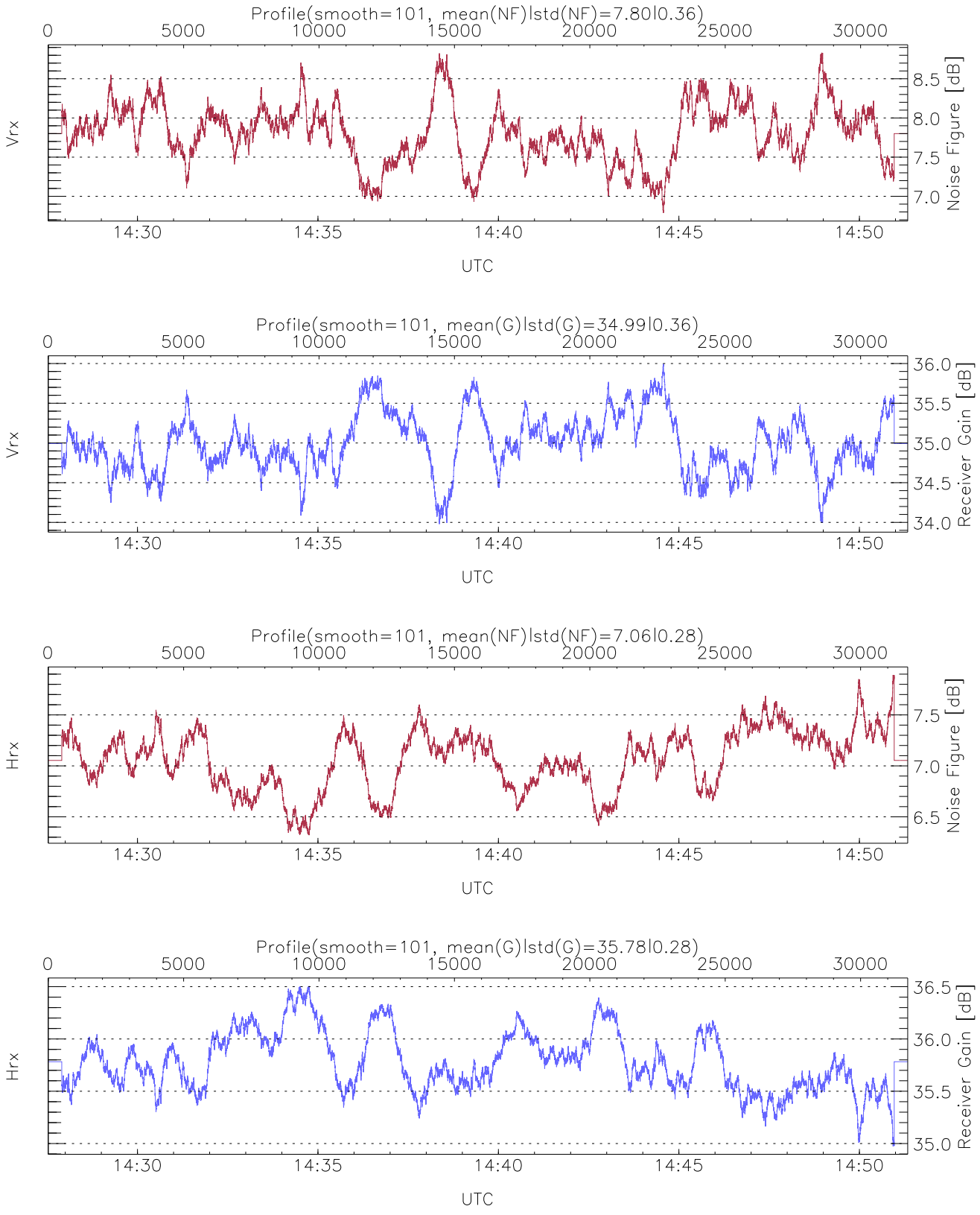
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:27:32-14:51:20, 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, 0-31740/14:27:32-14:51:20
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



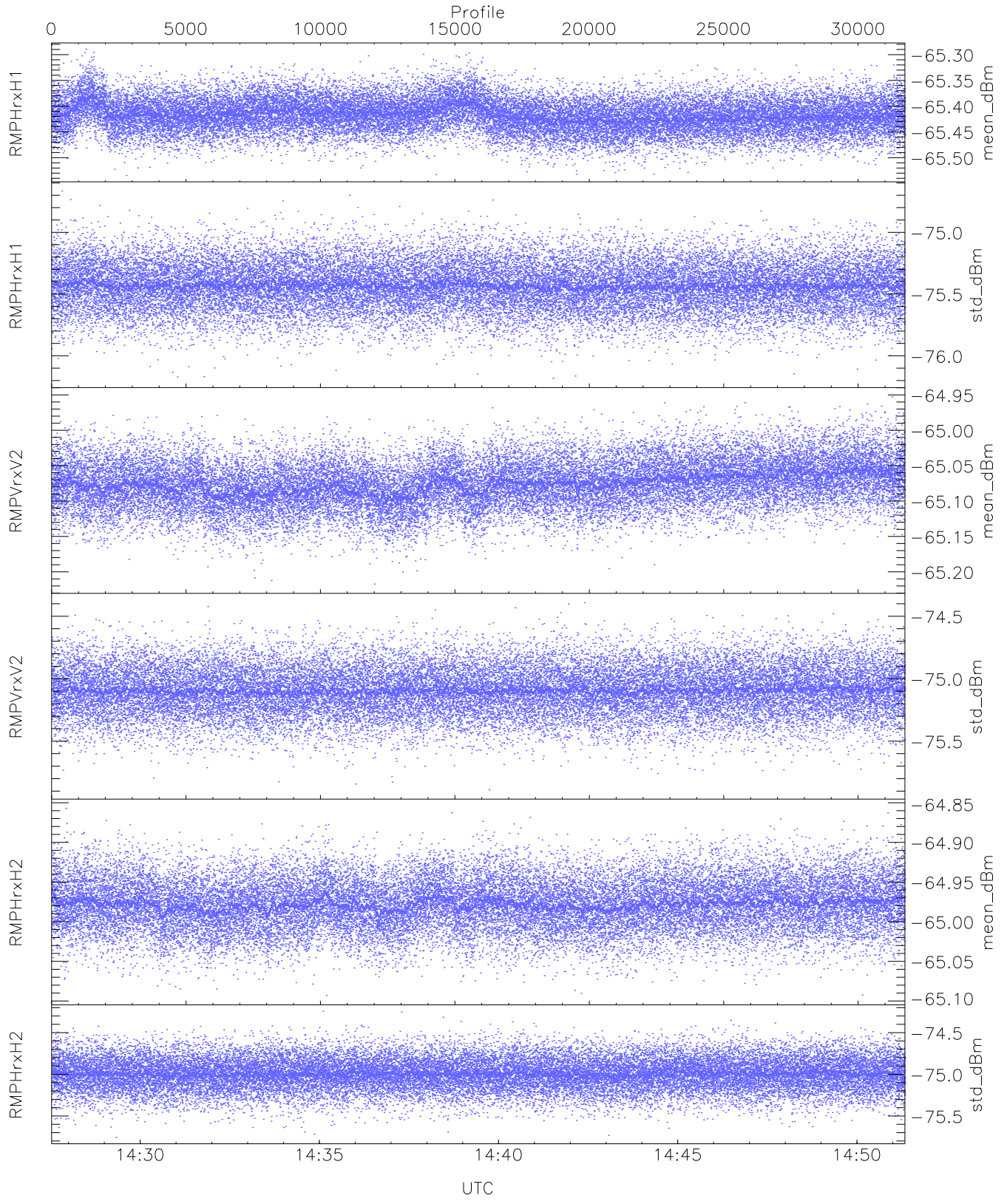
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,28,26,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,29,27,29
LOalarm(20,240,2817,14861 MHz): 0,0,91,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)



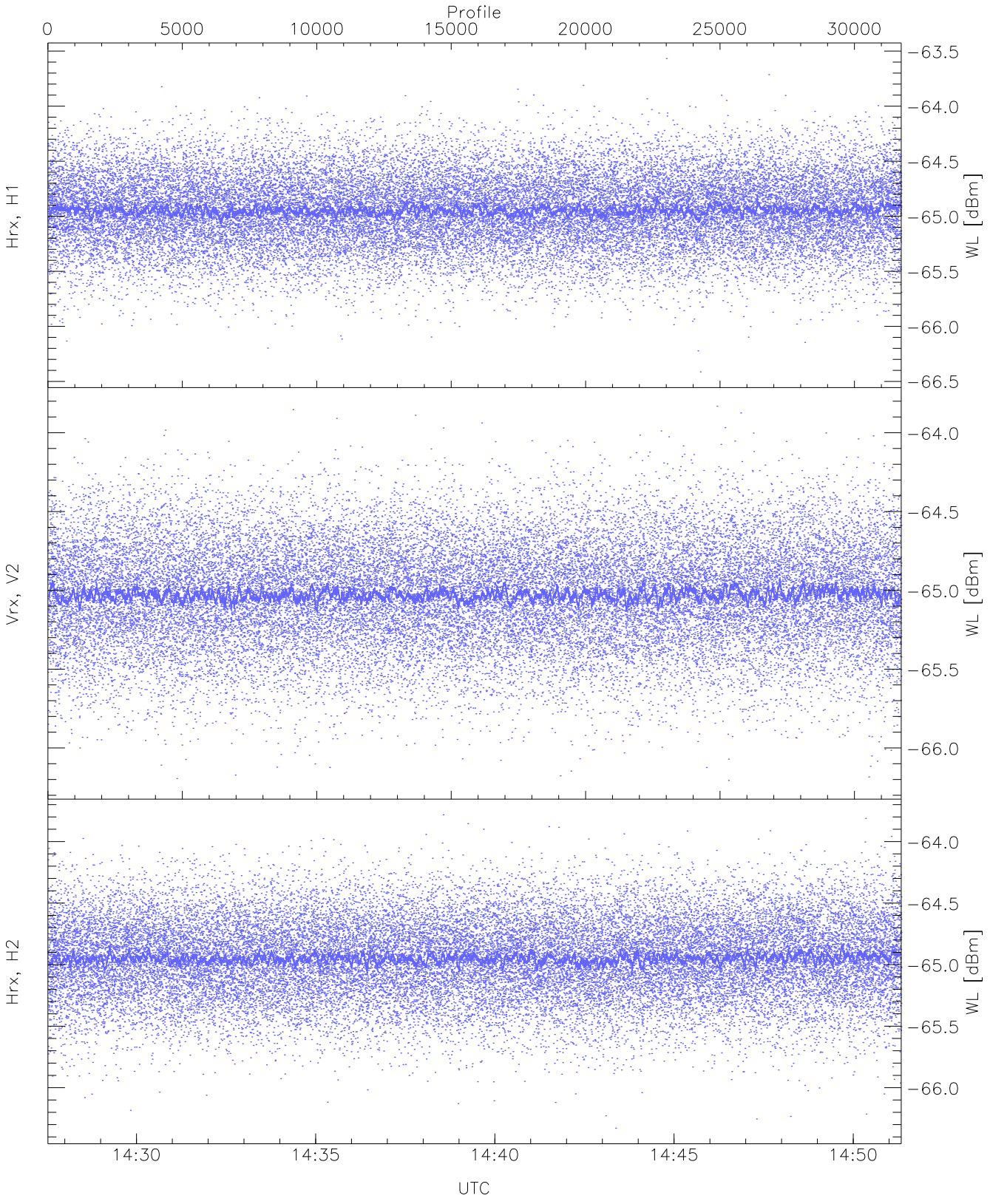
WCR3 CPP Receivers Gain and Noise Figure

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



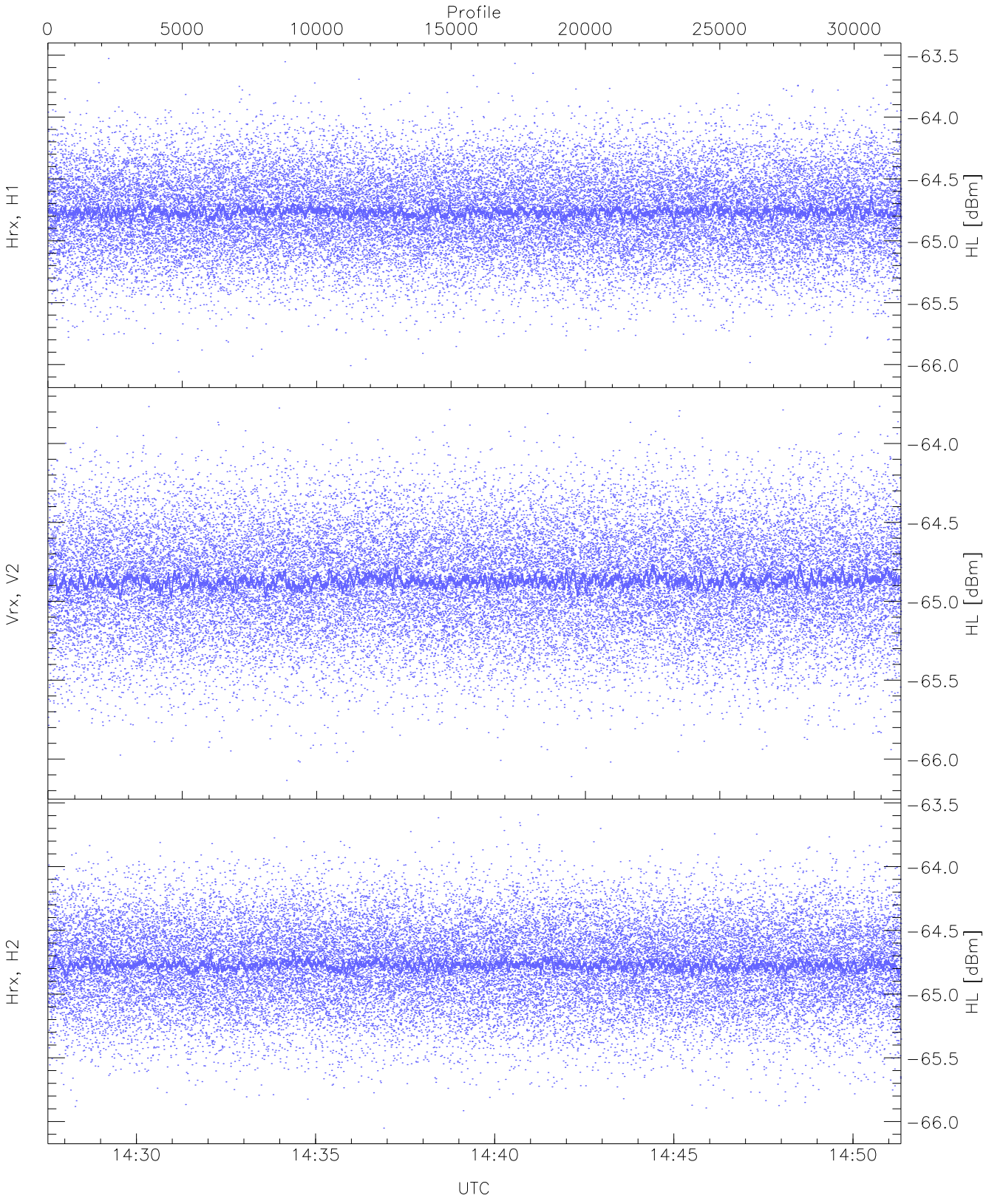
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.53	-65.29	-65.42	-65.42	-86.87
RMPHrxH1(std_dBm)	-76.18	-74.67	-75.43	-75.43	-89.22
RMPVrxV2(mean_dBm)	-65.22	-64.95	-65.08	-65.08	-86.42
RMPVrxV2(std_dBm)	-75.89	-74.39	-75.09	-75.10	-88.90
RMPHrxH2(mean_dBm)	-65.09	-64.86	-64.98	-64.98	-86.56
RMPHrxH2(std_dBm)	-75.76	-74.24	-74.99	-75.00	-88.79



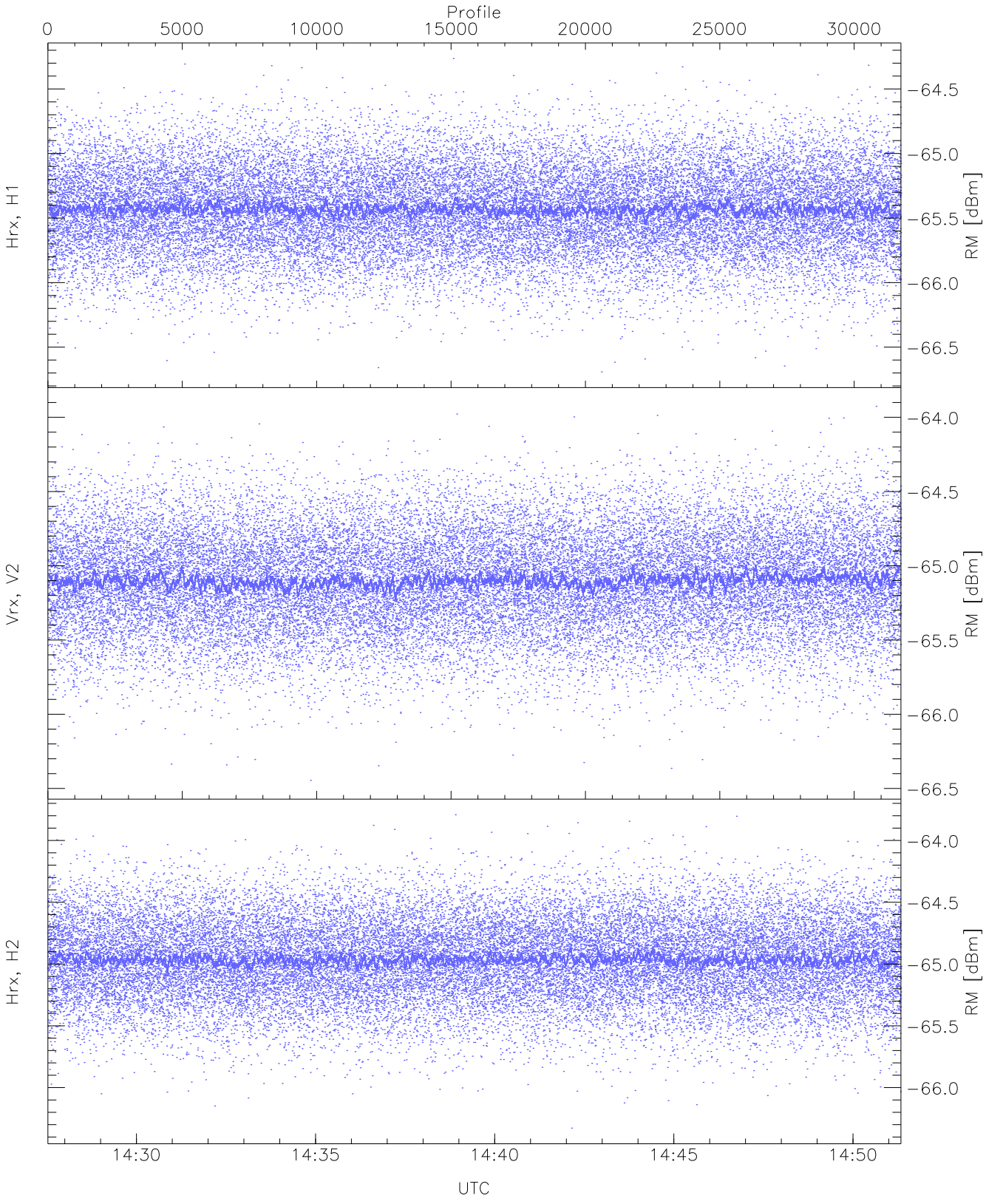
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.41	-63.57	-64.94	-64.95	-76.41
Vrx, V2(WL [dBm])	-66.21	-63.83	-65.02	-65.03	-76.52
Hrx, H2(WL [dBm])	-66.33	-63.78	-64.94	-64.95	-76.44



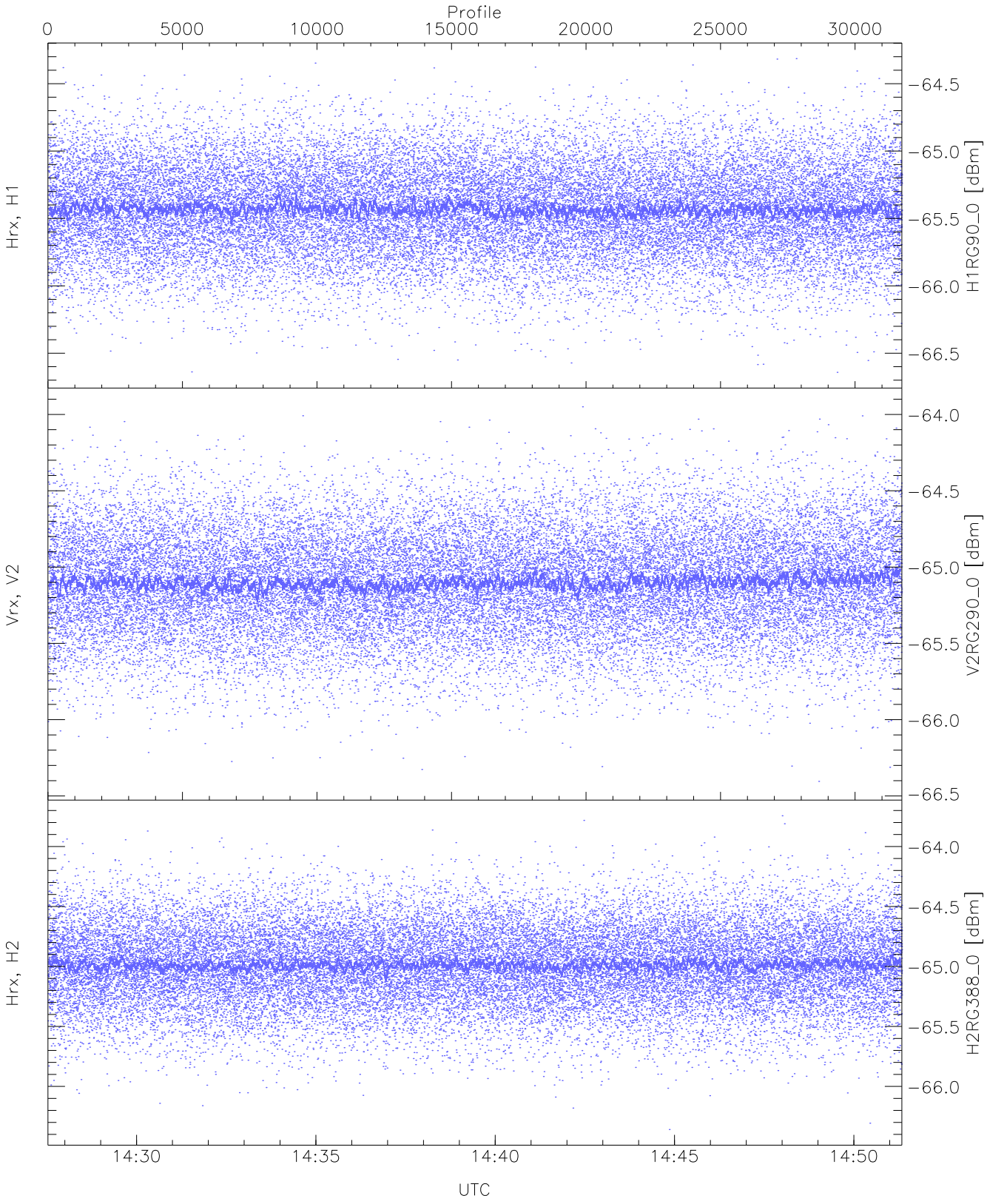
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.06	-63.53	-64.76	-64.77	-76.27
Vrx, V2(HL [dBm])	-66.14	-63.76	-64.86	-64.87	-76.37
Hrx, H2(HL [dBm])	-66.05	-63.59	-64.76	-64.77	-76.27



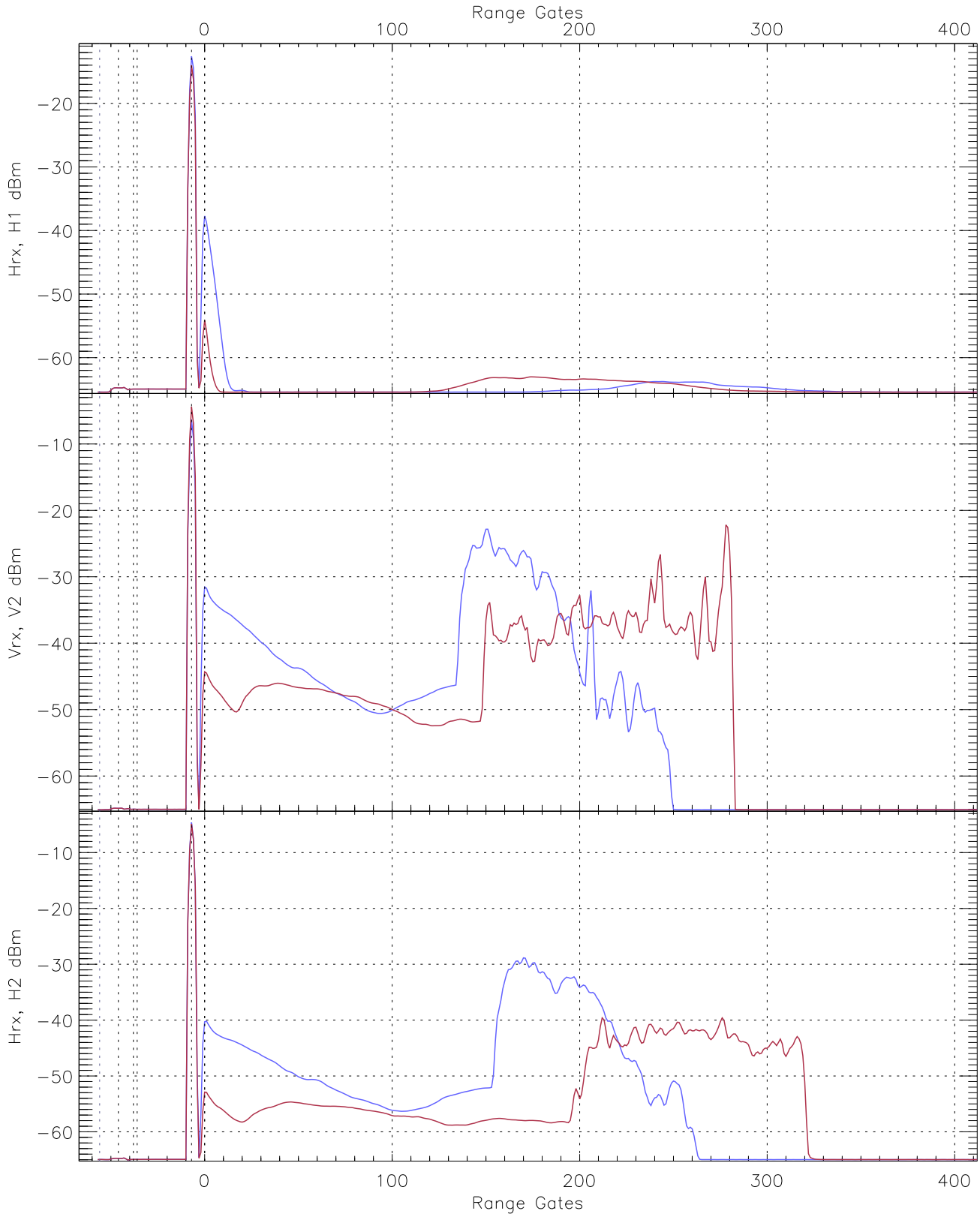
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.69	-64.26	-65.43	-65.43	-76.92
Vrx, V2(RM [dBm])	-66.45	-63.93	-65.09	-65.10	-76.57
Hrx, H2(RM [dBm])	-66.33	-63.79	-64.96	-64.97	-76.48

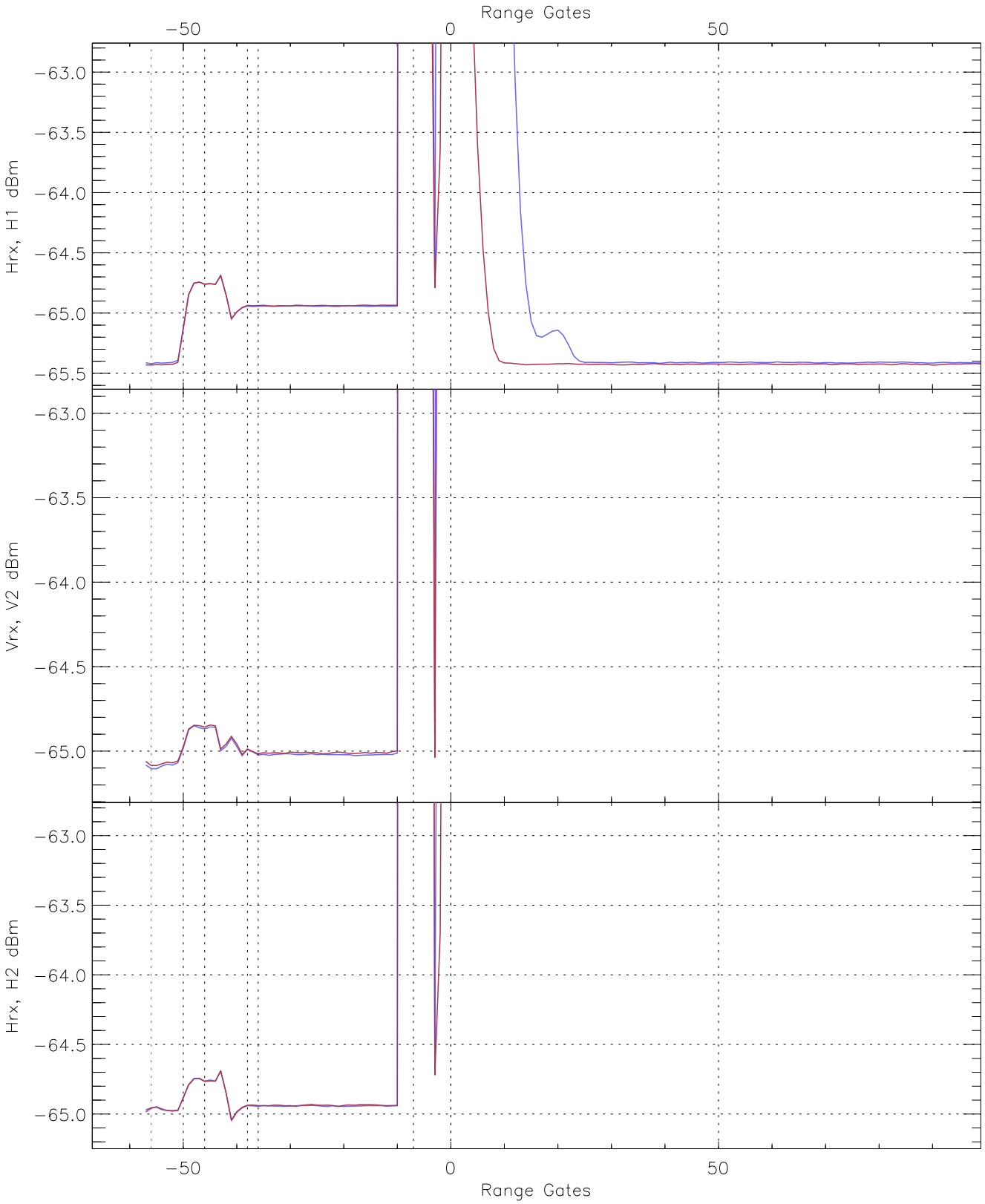


WCR3 CPP "Best" estimate Receivers Noise Power

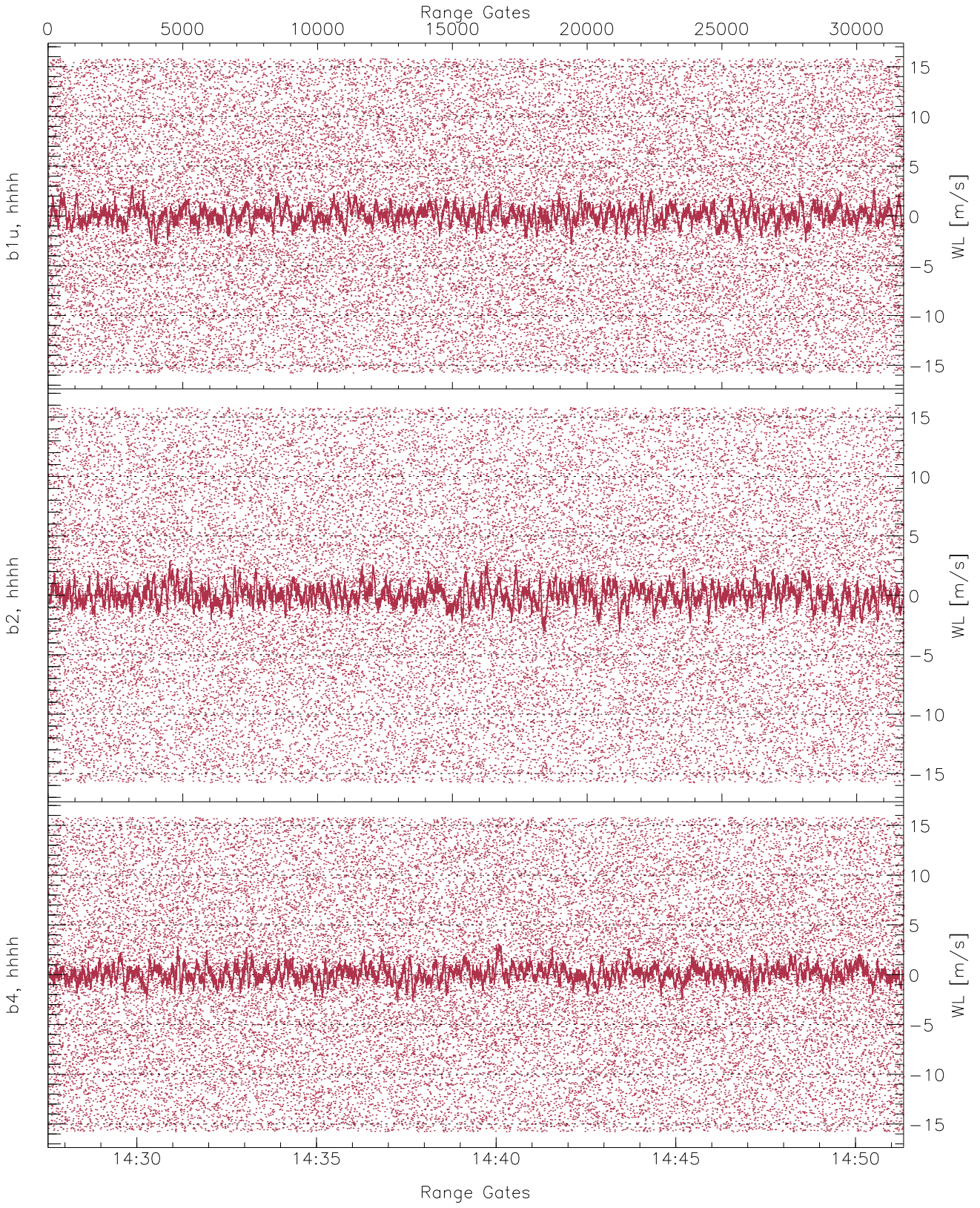
	Min	Max	Mean	Median	StDev
H1RG90_0 [dBm]	-66.64	-64.31	-65.43	-65.43	-76.93
V2RG290_0 [dBm]	-66.40	-63.95	-65.09	-65.10	-76.59
H2RG388_0 [dBm]	-66.36	-63.74	-64.98	-64.99	-76.51



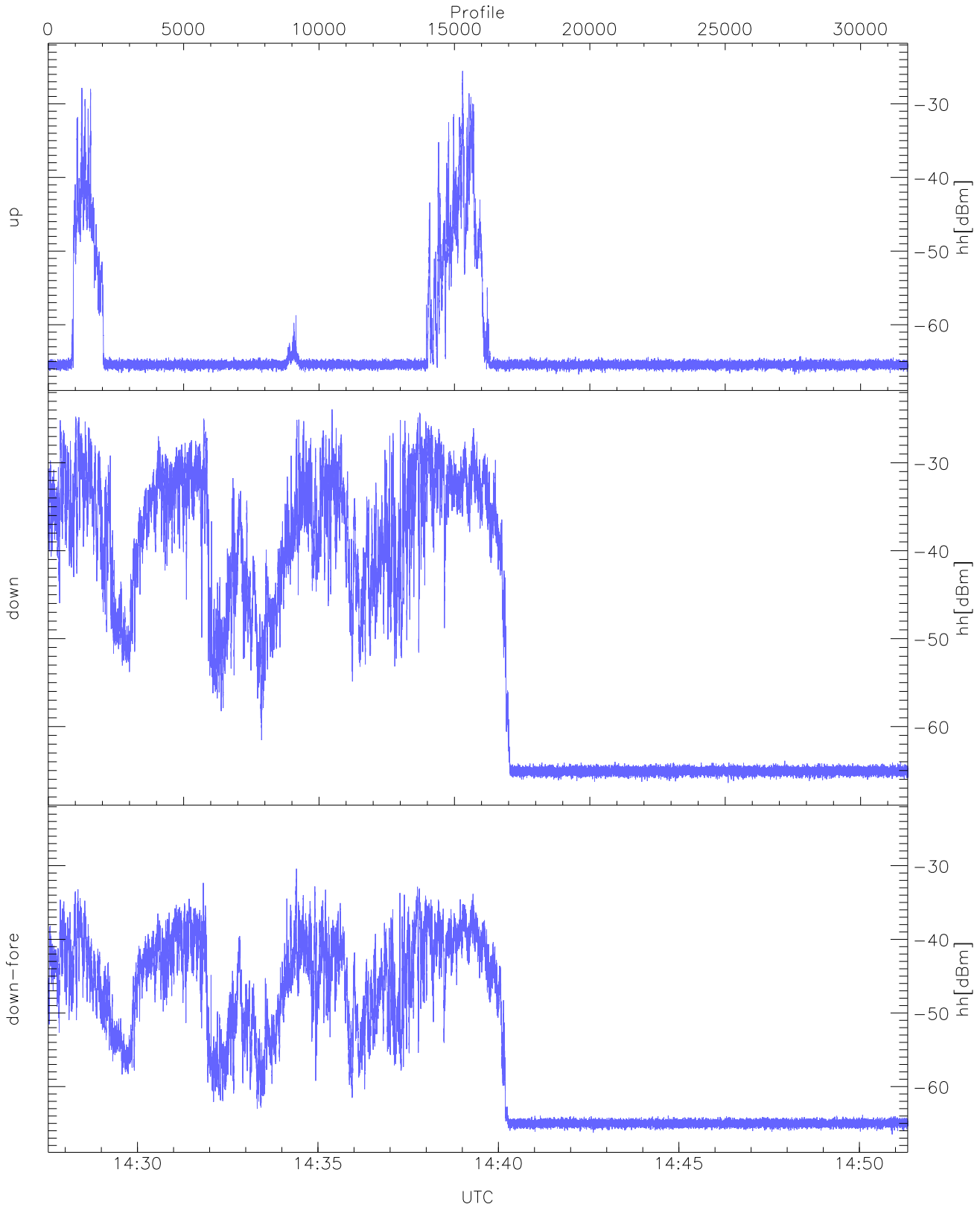
WCR3 CPP Averaged Received power for all recorded gates
blue: 142732-143926, 15871 profiles averaged
red: 143926-145120, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 142732-143926, 15871 profiles averaged
red: 143926-145120, 15871 profiles averaged

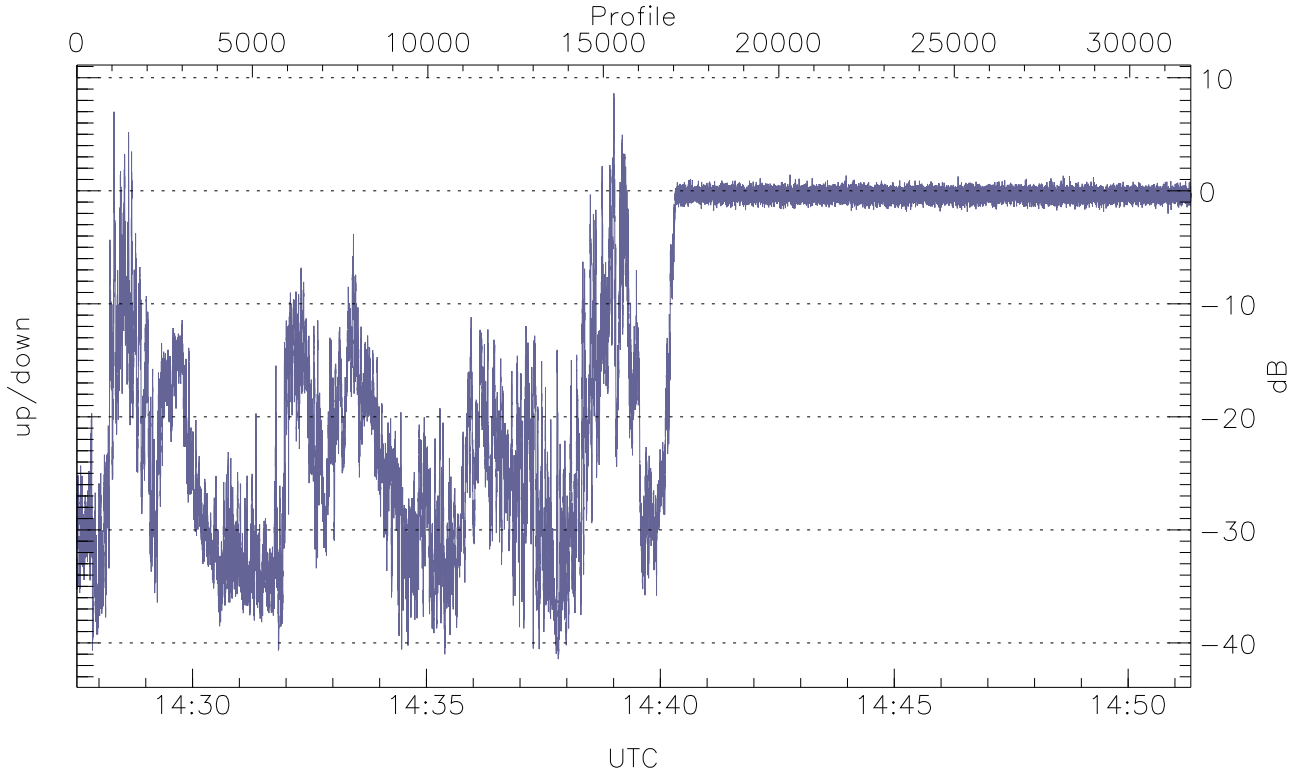


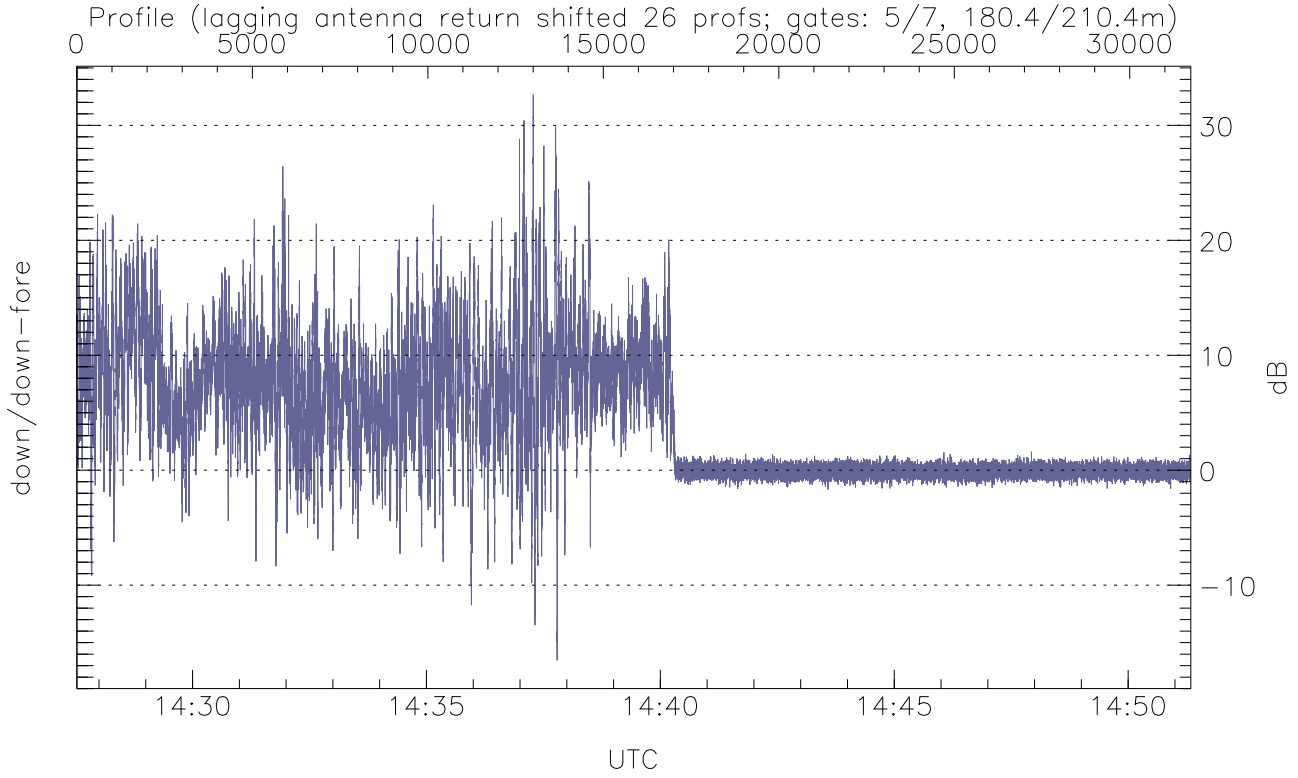
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

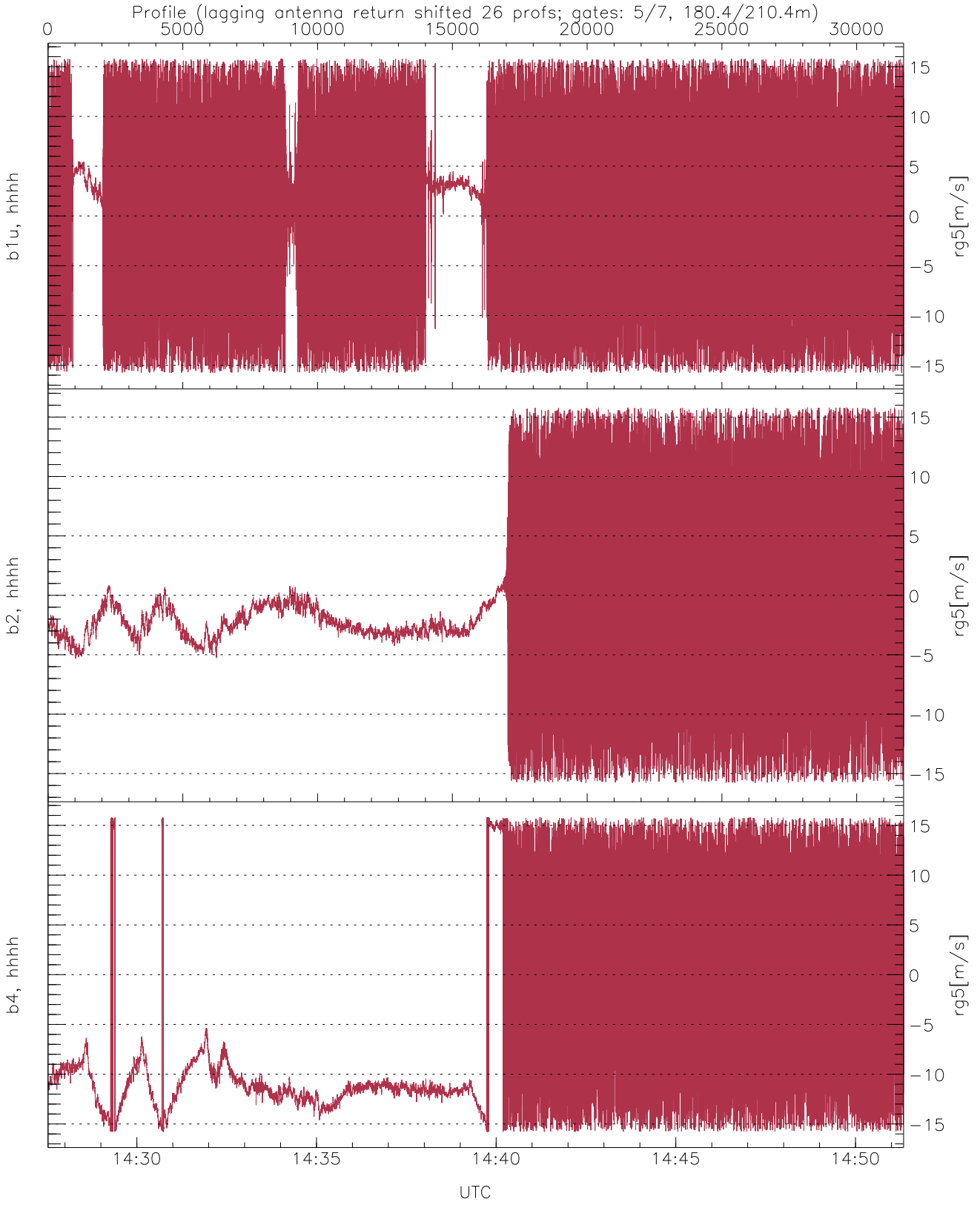
	Min	Max	Mean
up(hh[dBm])	-66.79	-25.54	-50.03
down(hh[dBm])	-66.40	-23.91	-36.66
down-fore(hh[dBm])	-66.50	-30.41	-44.93





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

	Min	Max	Mean
up/down(dB)	-41.43	8.62	-12.96
down/down-fore(dB)	-16.53	32.69	4.14



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.40	8.38
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.21	6.02
b4, hhhh(rg5[m/s])	-15.79	15.79	-5.38	8.96