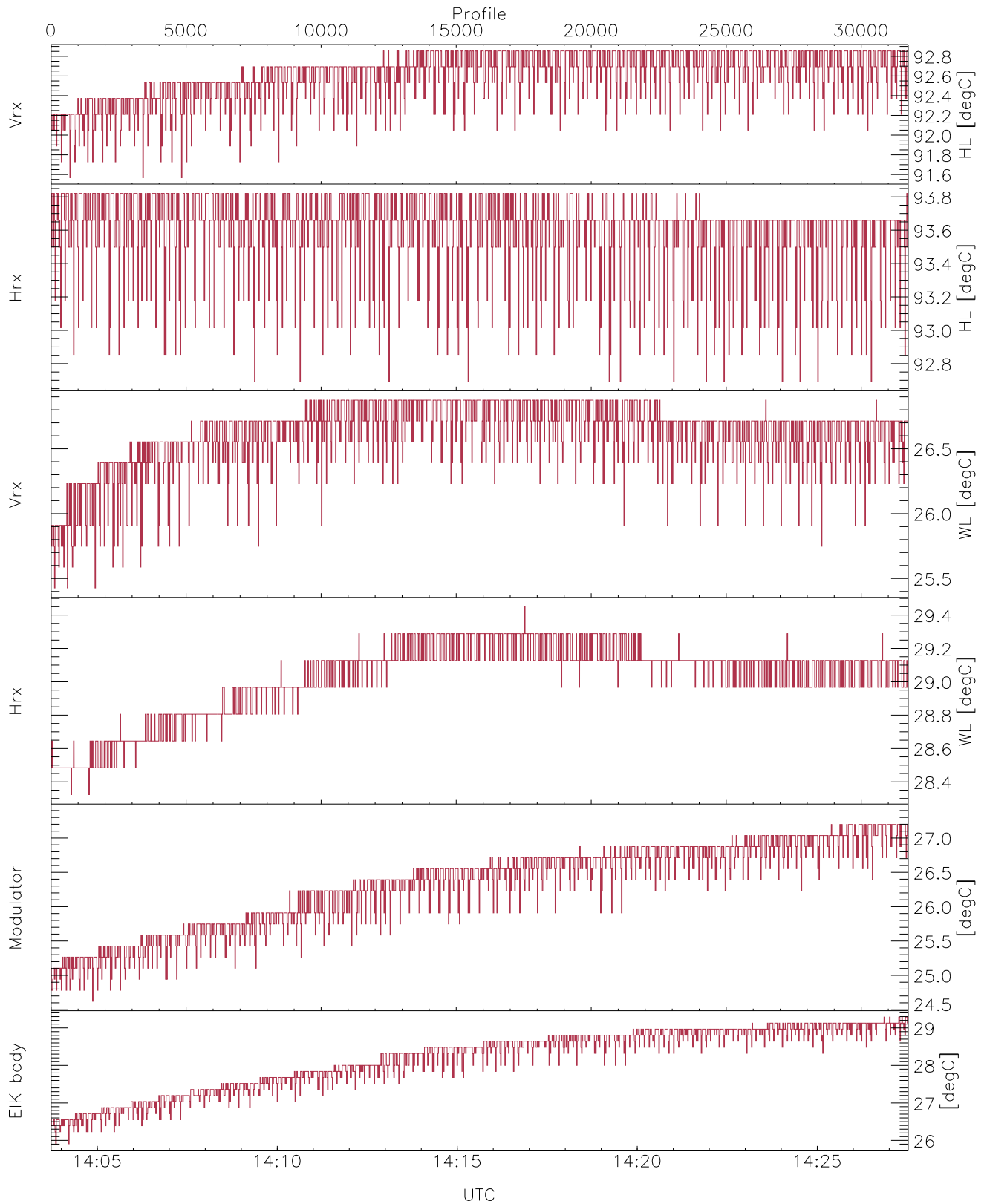


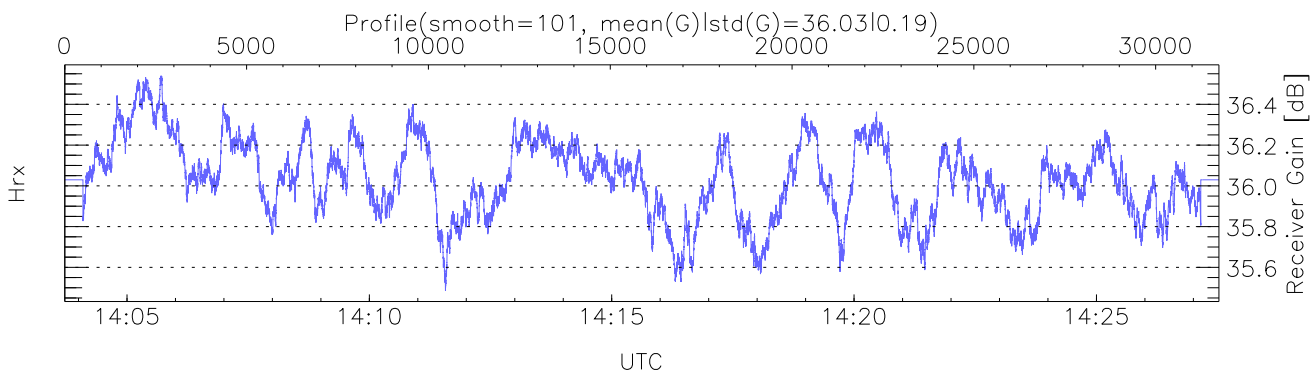
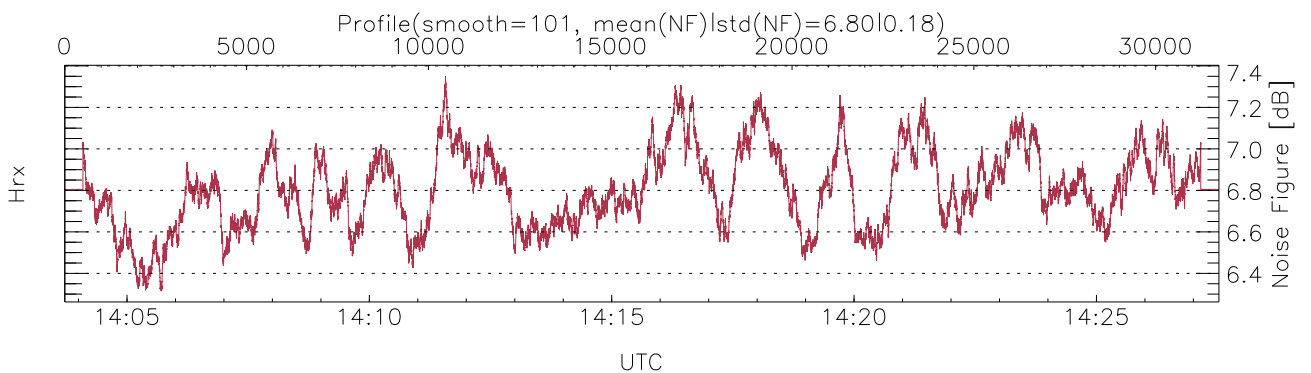
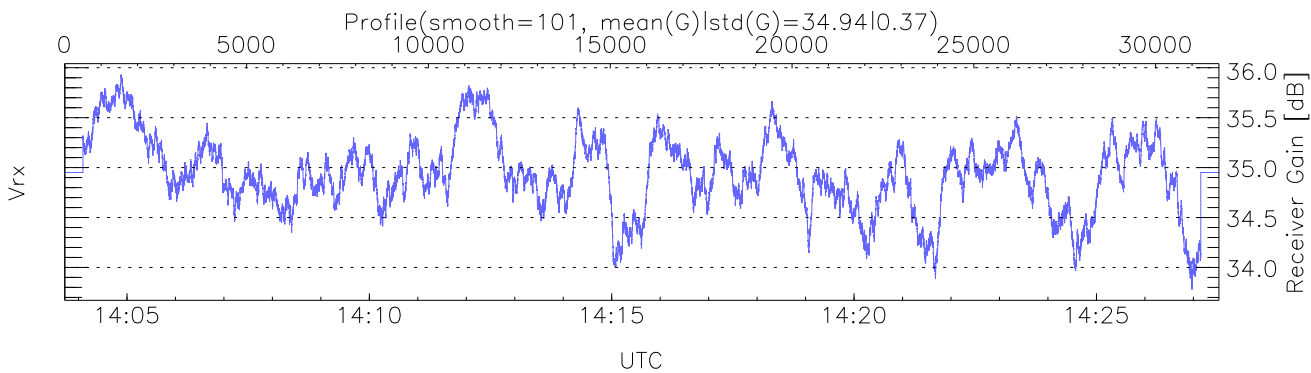
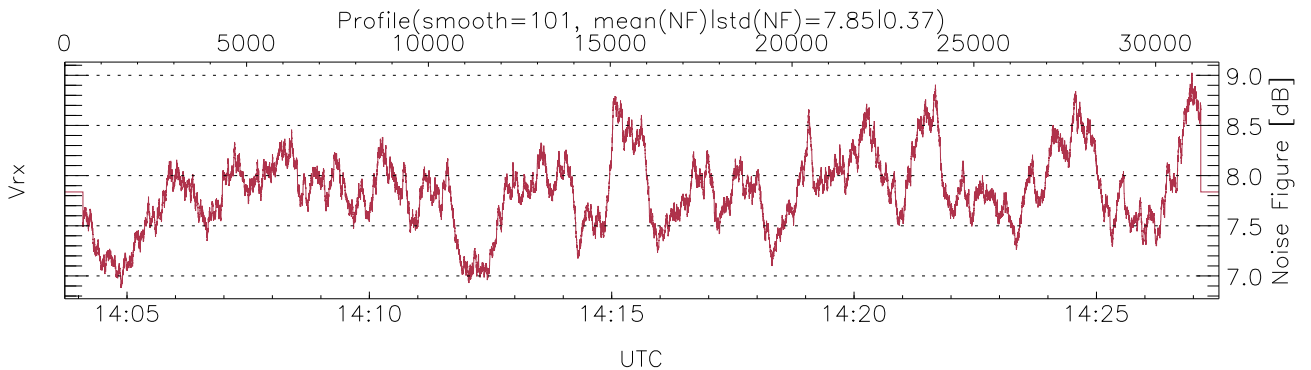
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:03:43-14:27:32, 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, 0-31740/14:03:43-14:27:32
 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



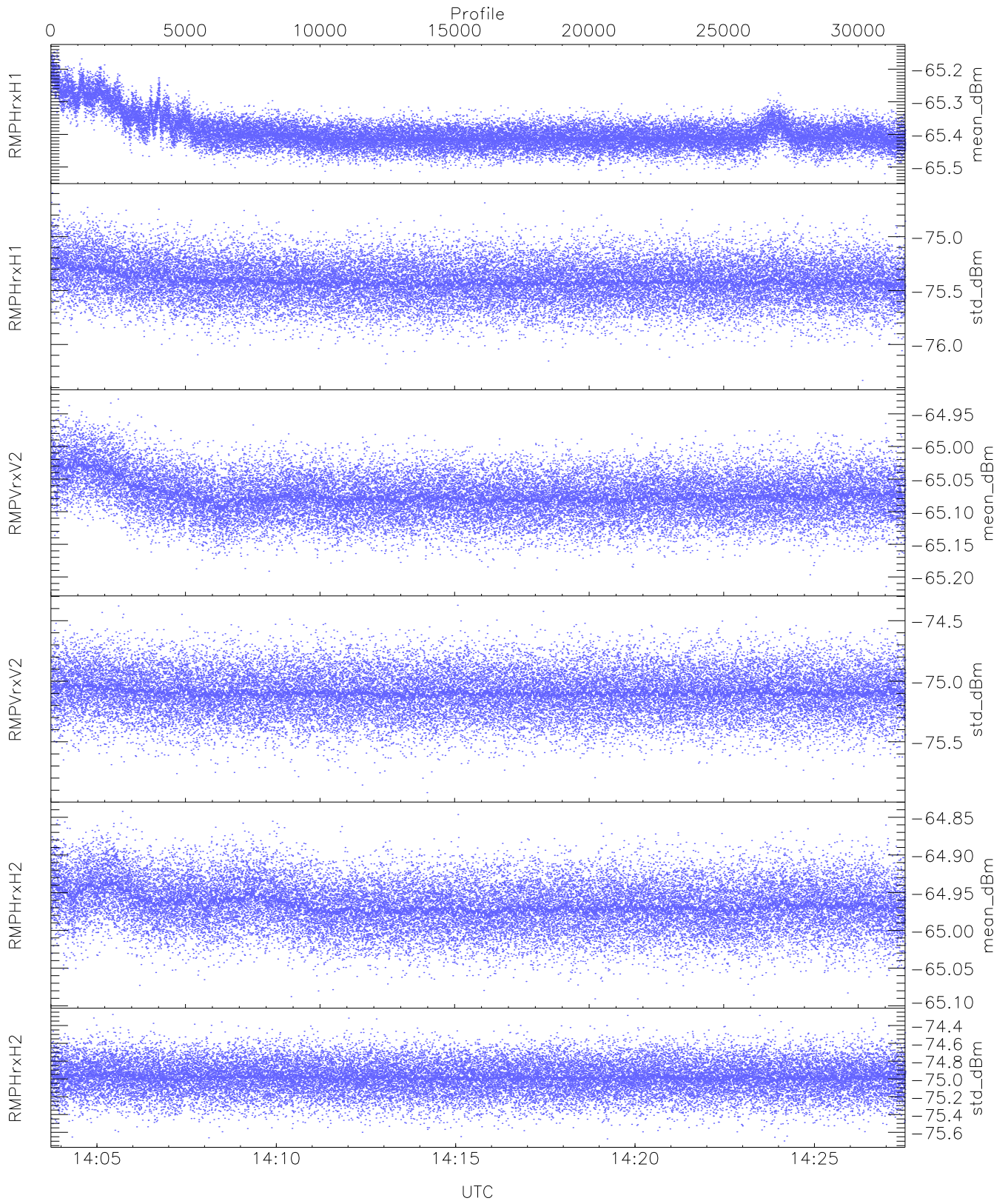
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,28,24,25
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,29,27,29
 LOalarm(20,240,2817,14861 MHz): 0,0,44,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (46,46,69,69,69,69)



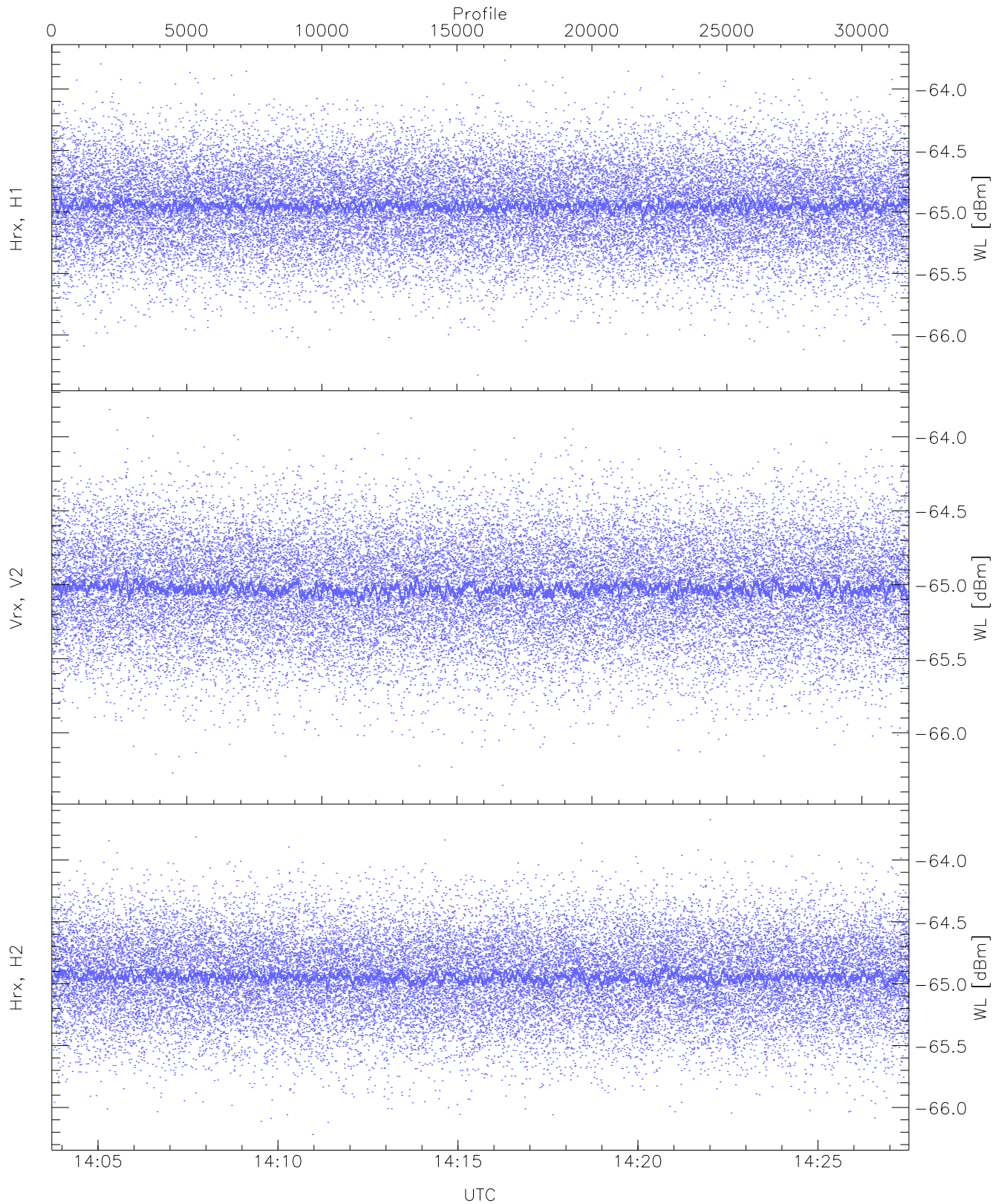
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 1 pixs, 1 gates, 1 profs, 1 prod(s)



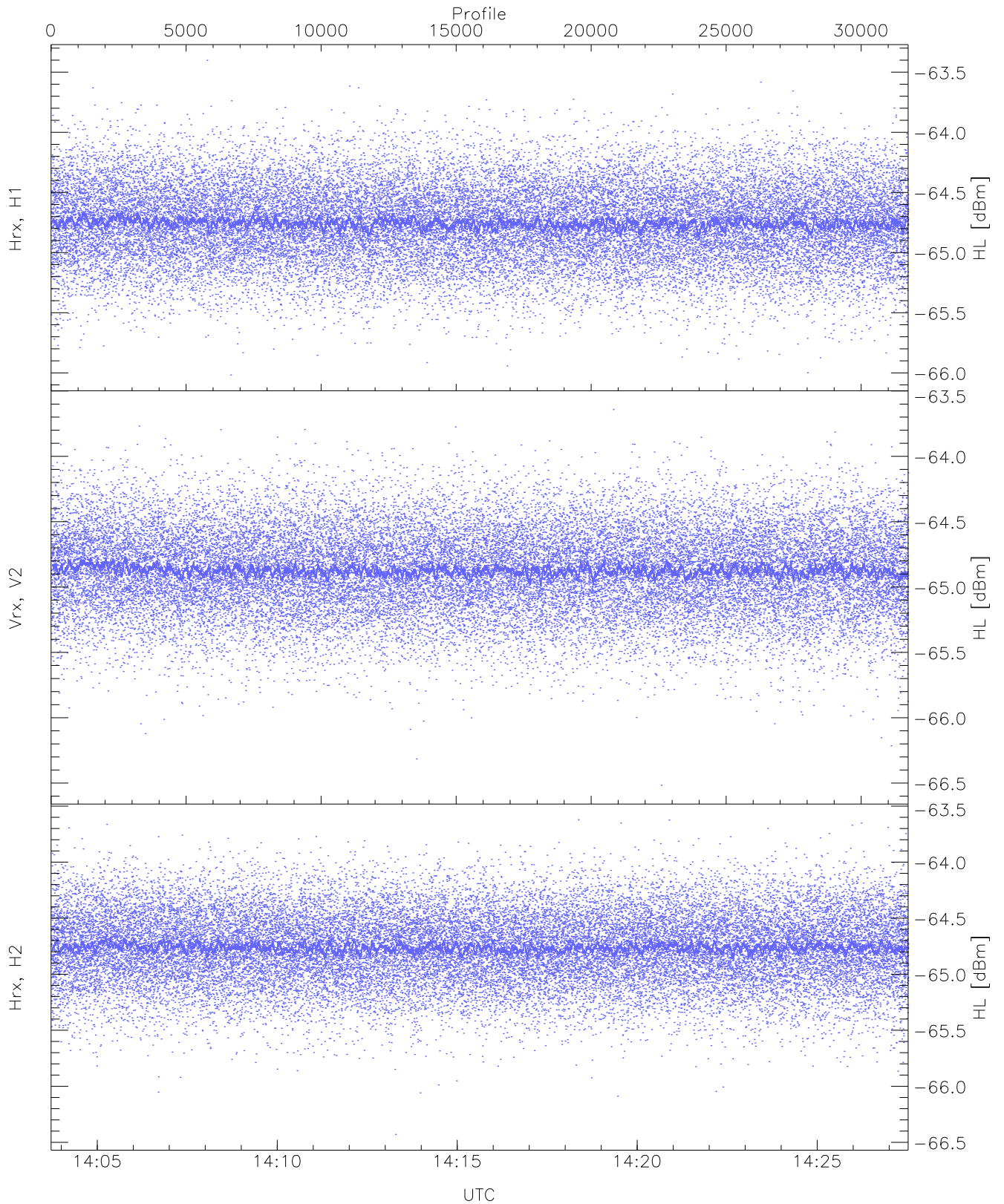
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.53	-65.14	-65.39	-65.40	-84.68
RMPHrxH1 (std_dBm)	-76.33	-74.60	-75.41	-75.41	-89.10
RMPVrxV2 (mean_dBm)	-65.21	-64.93	-65.07	-65.08	-86.26
RMPVrxV2 (std_dBm)	-75.92	-74.37	-75.09	-75.09	-88.87
RMPHrxH2 (mean_dBm)	-65.09	-64.84	-64.97	-64.97	-86.38
RMPHrxH2 (std_dBm)	-75.70	-74.28	-74.98	-74.98	-88.79



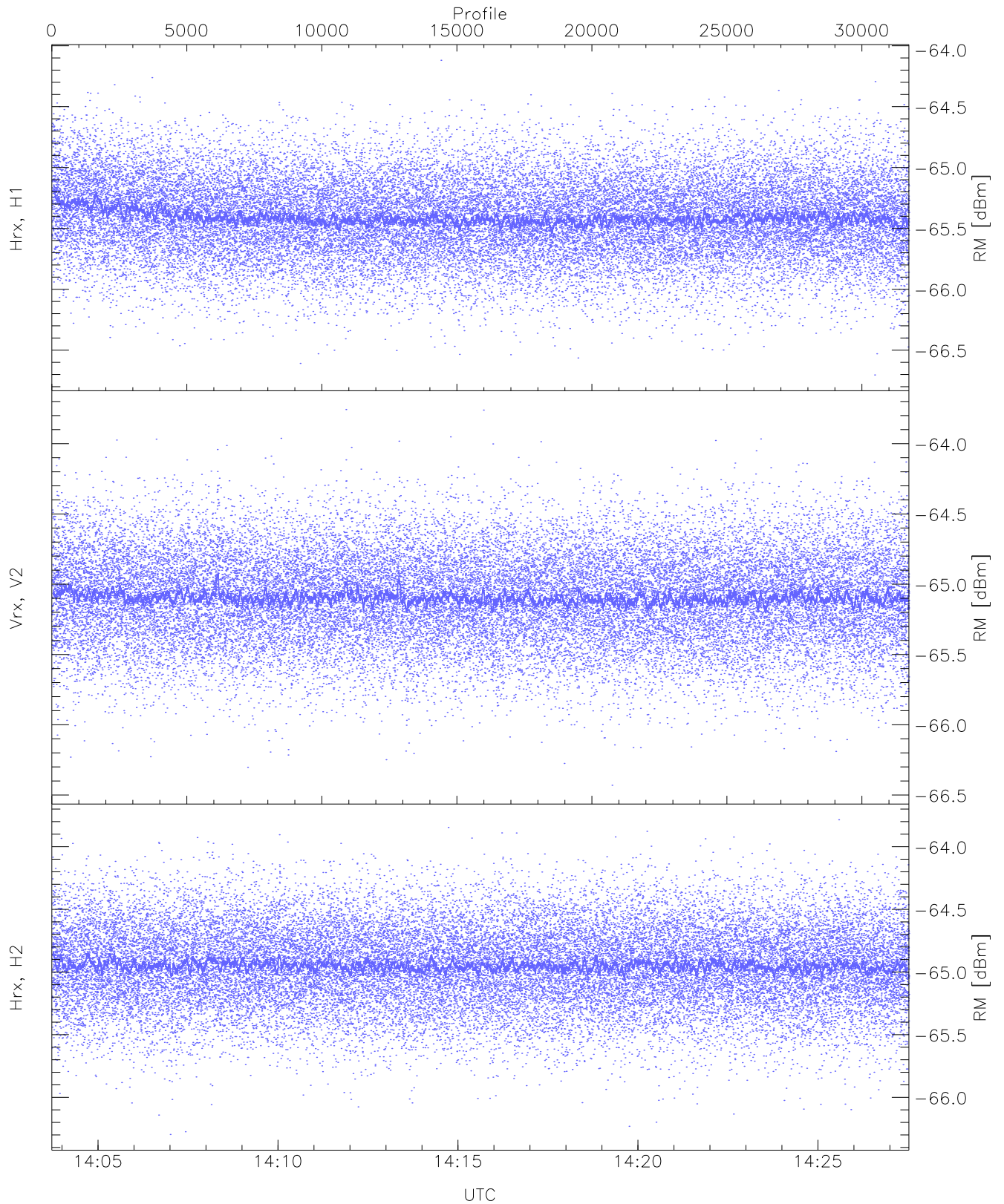
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.33	-63.77	-64.94	-64.95	-76.46
Vrx, V2 (WL [dBm])	-66.35	-63.82	-65.02	-65.03	-76.54
Hrx, H2 (WL [dBm])	-66.22	-63.68	-64.94	-64.95	-76.45



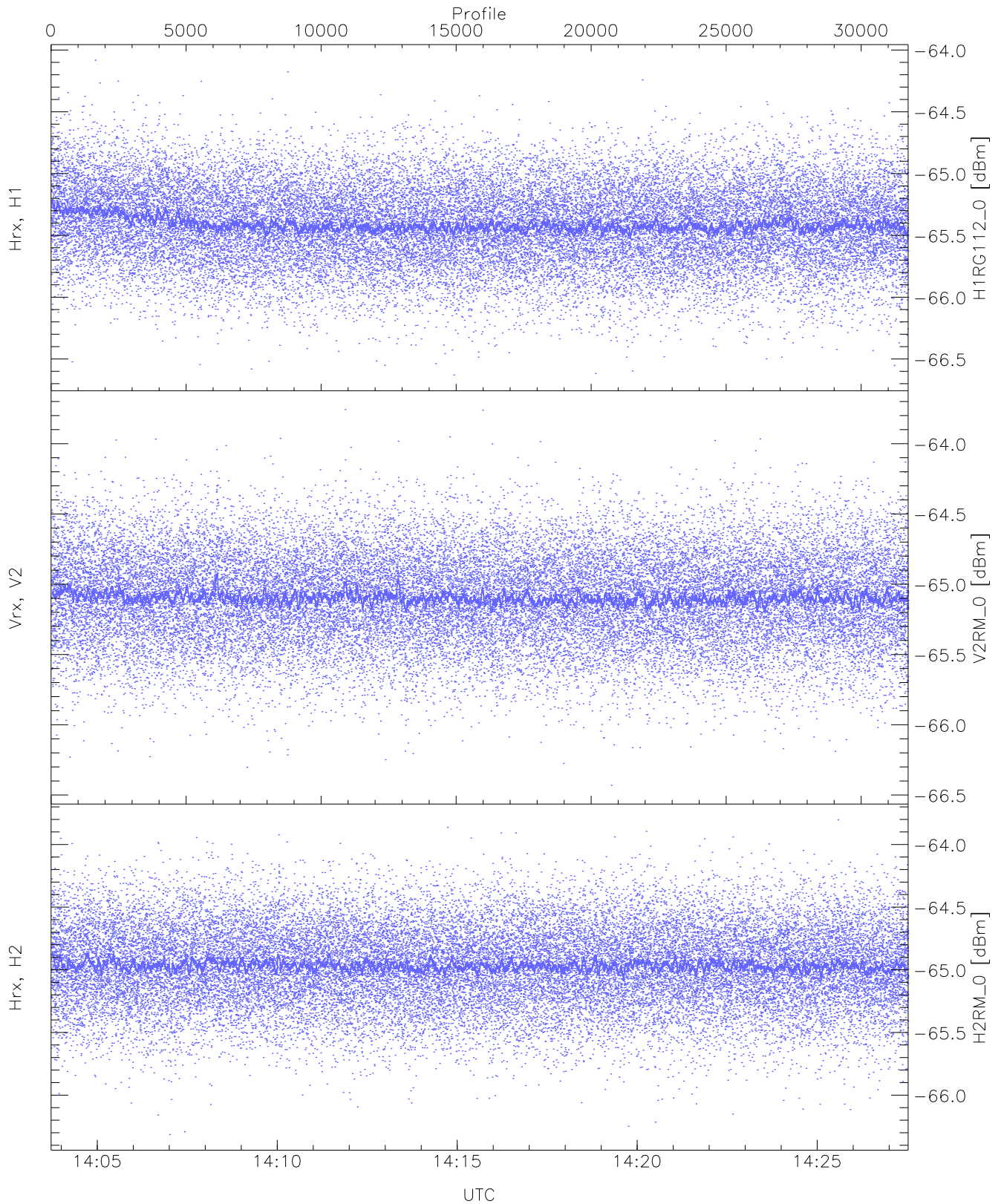
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.02	-63.40	-64.75	-64.76	-76.23
Vrx, V2 (HL [dBm])	-66.52	-63.64	-64.87	-64.87	-76.38
Hrx, H2 (HL [dBm])	-66.43	-63.62	-64.76	-64.76	-76.24



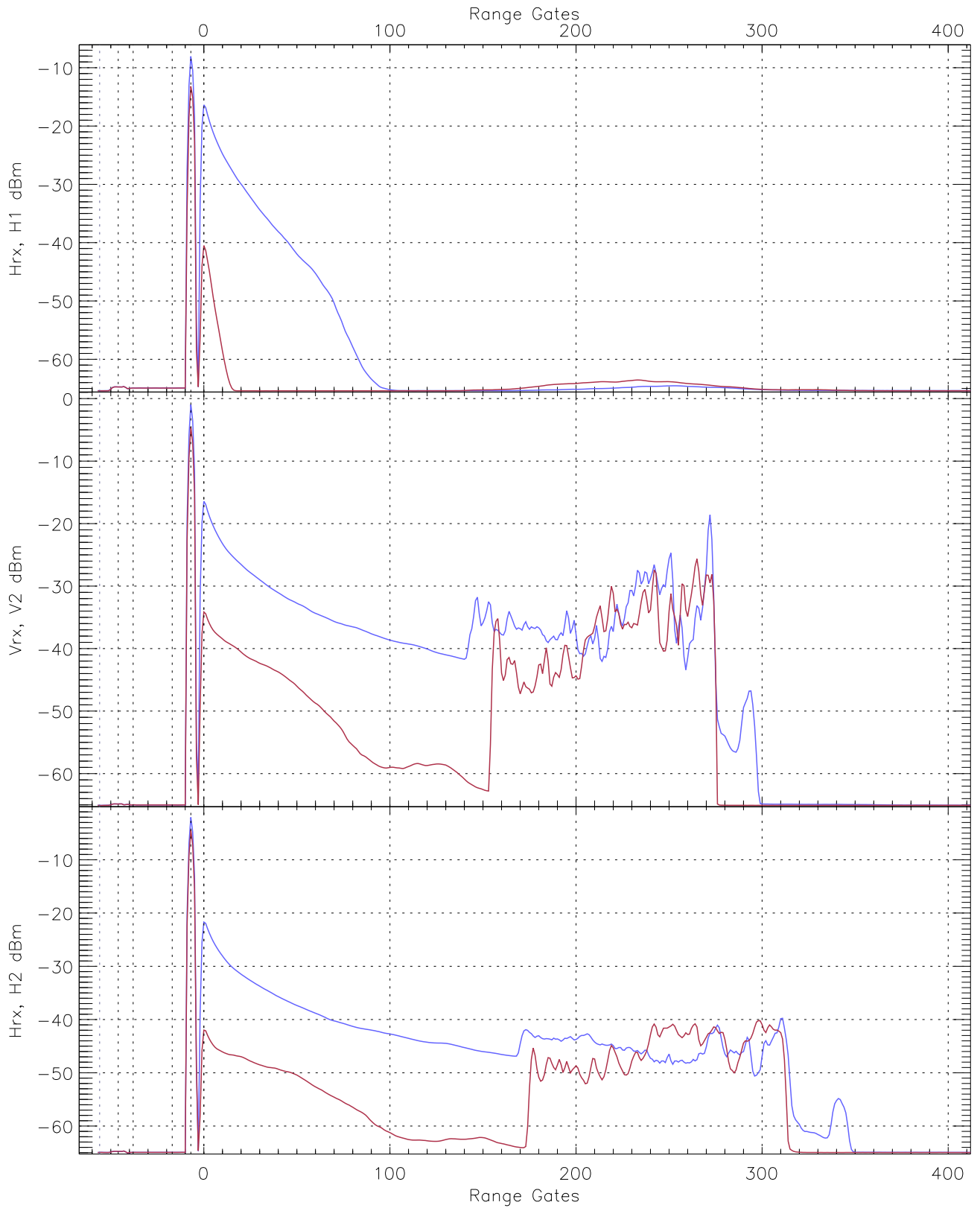
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.70	-64.12	-65.40	-65.41	-76.87
Vrx, V2 (RM [dBm])	-66.43	-63.76	-65.09	-65.10	-76.59
Hrx, H2 (RM [dBm])	-66.30	-63.79	-64.94	-64.95	-76.45

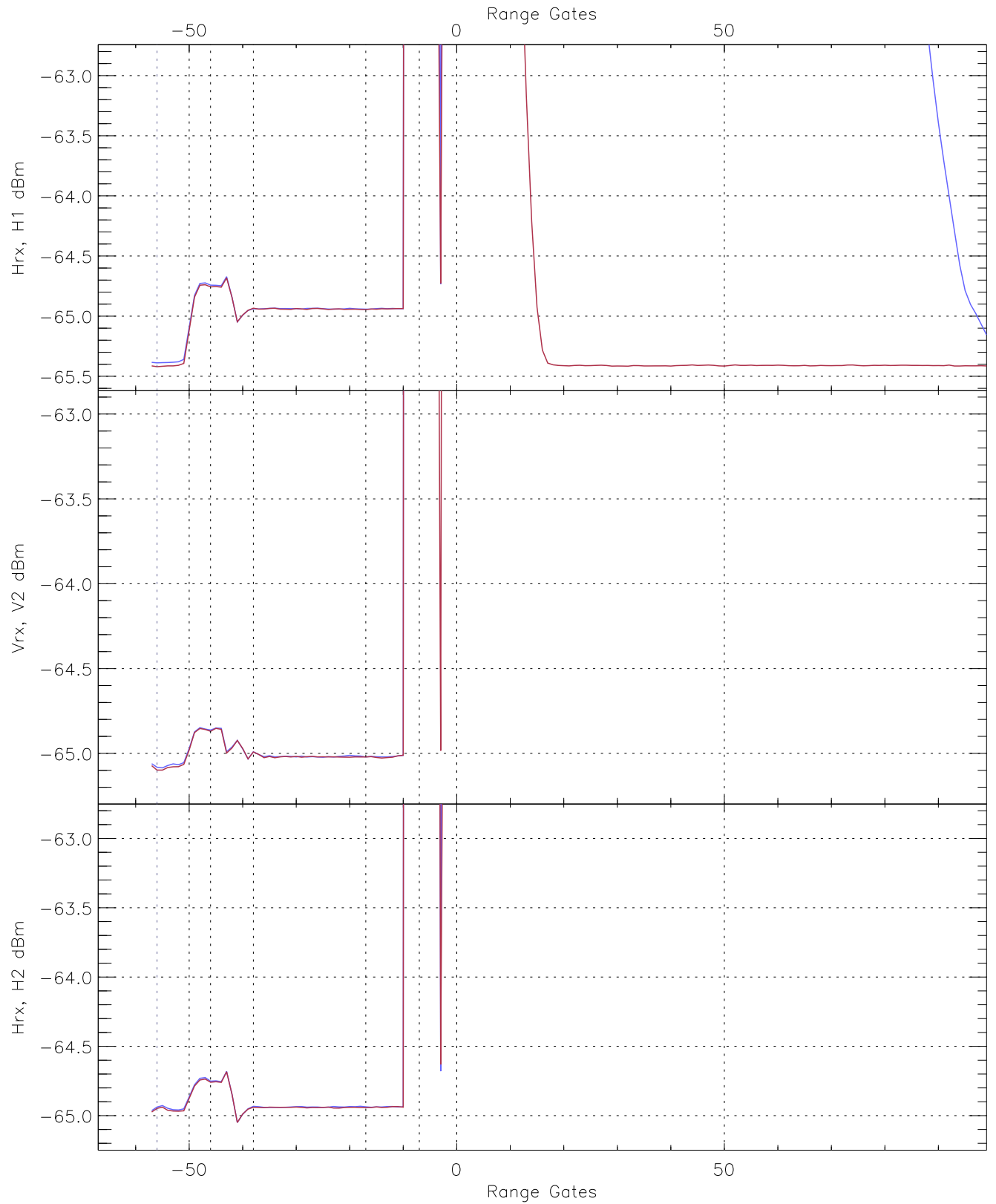


WCR3 CPP "Best" estimate Receivers Noise Power

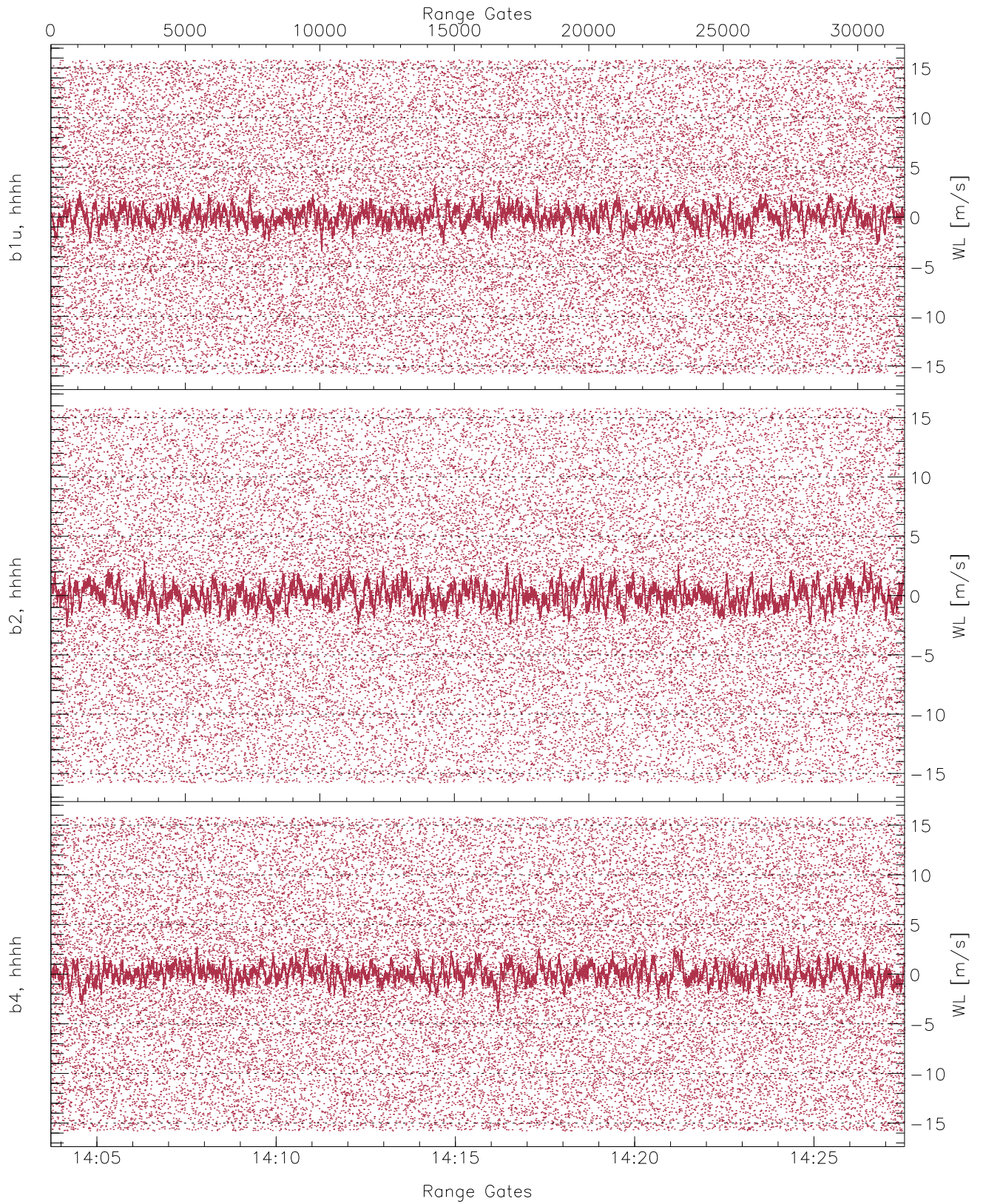
	Min	Max	Mean	Median	StDev
H1RG112_0 [dBm]	-66.63	-64.08	-65.40	-65.41	-76.88
V2RM_0 [dBm]	-66.43	-63.76	-65.09	-65.10	-76.59
H2RM_0 [dBm]	-66.31	-63.80	-64.96	-64.97	-76.46



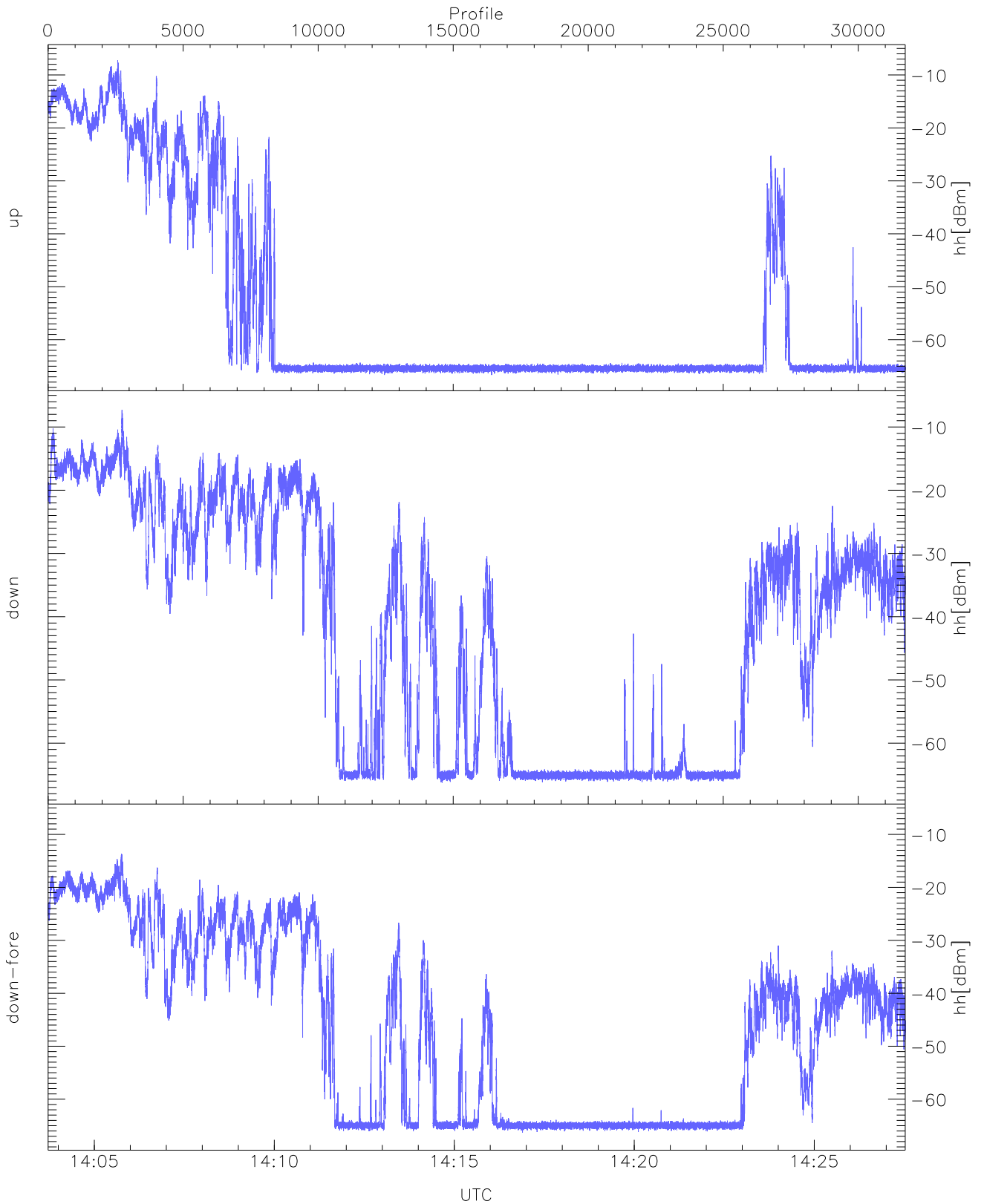
WCR3 CPP Averaged Received power for all recorded gates
blue: 140343-141537, 15871 profiles averaged
red: 141537-142732, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 140343-141537, 15871 profiles averaged
red: 141537-142732, 15871 profiles averaged

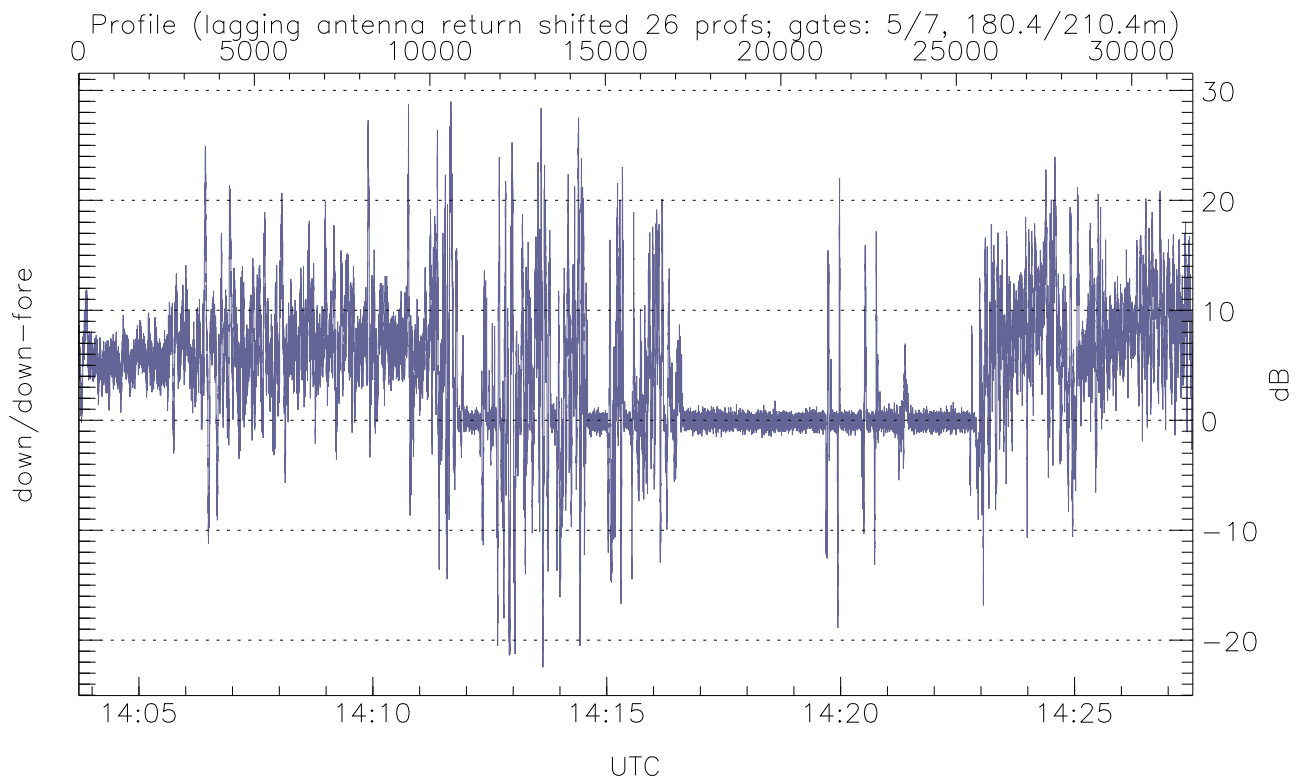
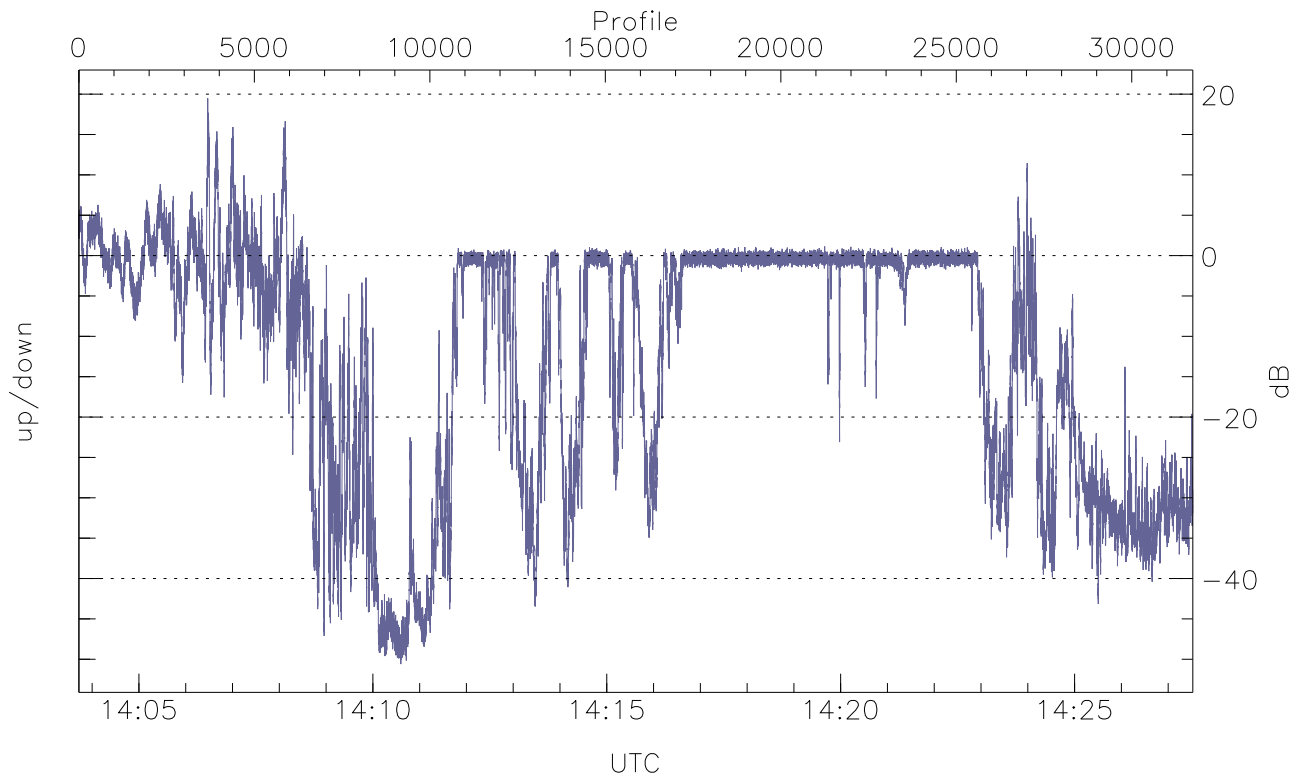


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



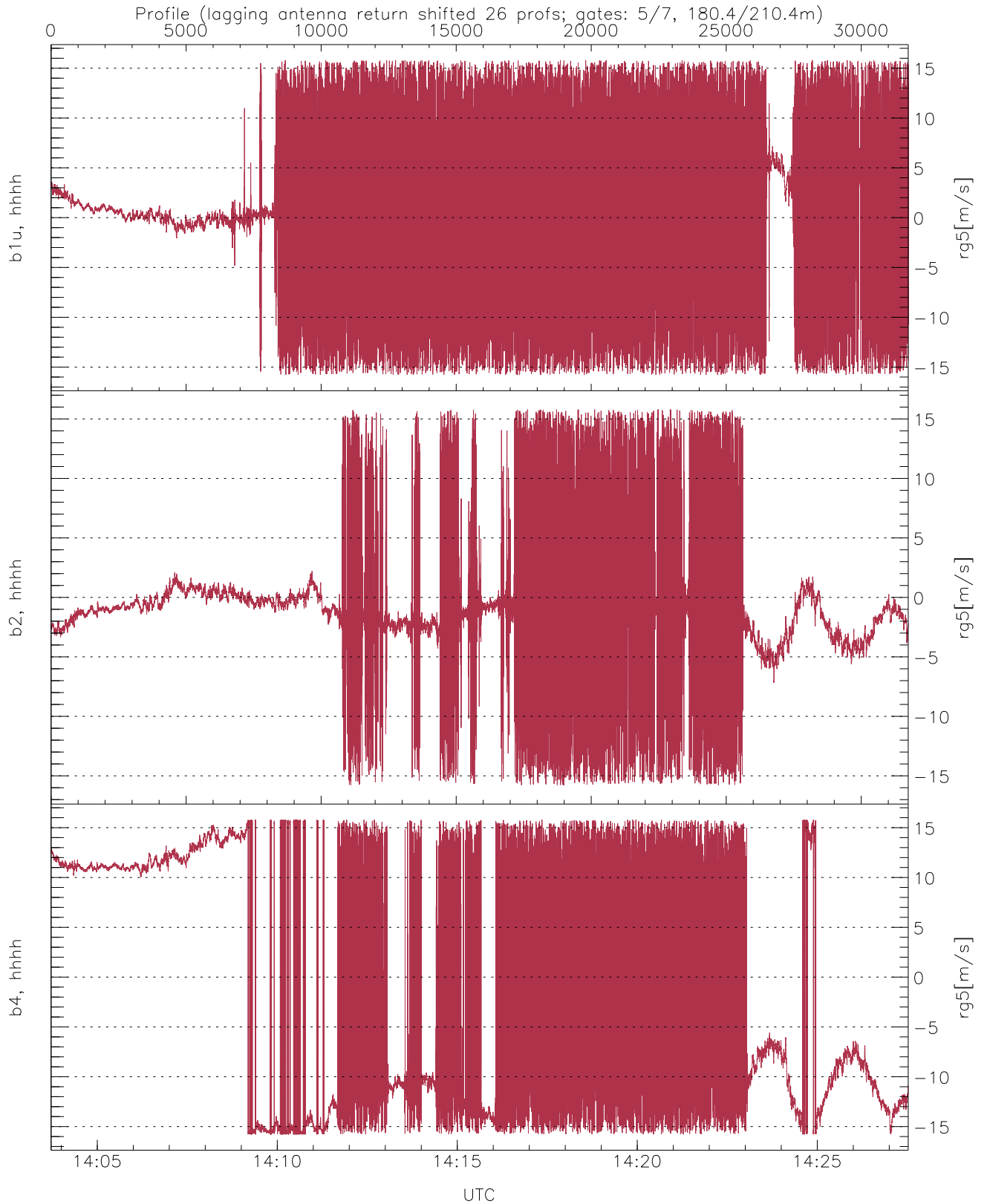
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.66	-7.23	-24.09
down(hh[dBm])	-66.25	-7.30	-23.26
down-fore(hh[dBm])	-66.31	-13.73	-28.26



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

	Min	Max	Mean
up/down (dB)	-50.59	19.48	-12.06
down/down-fore (dB)	-22.46	28.99	4.13



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.27	7.39
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.84	4.99
b4, hhhh(rg5[m/s])	-15.79	15.79	-1.13	11.10