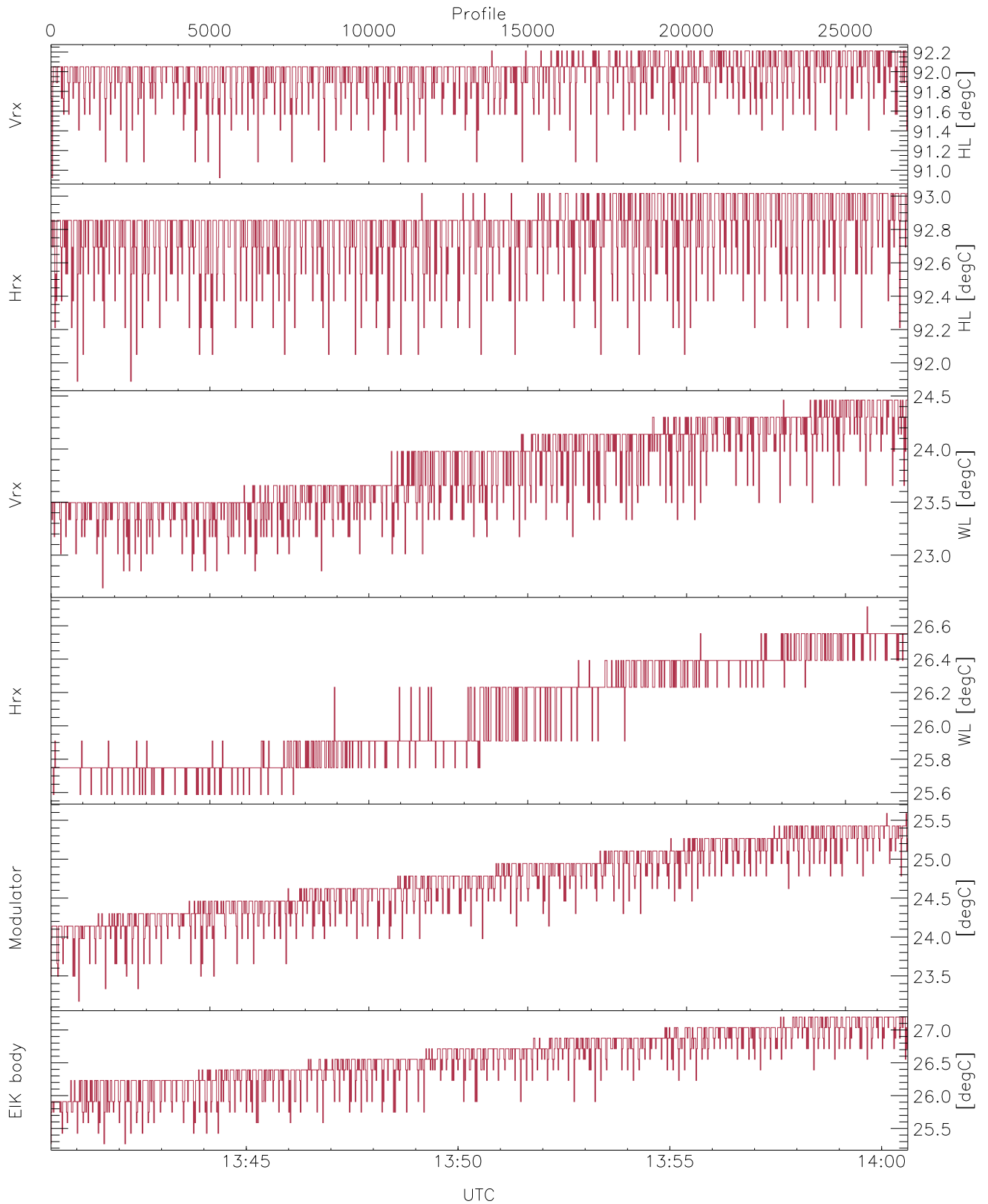


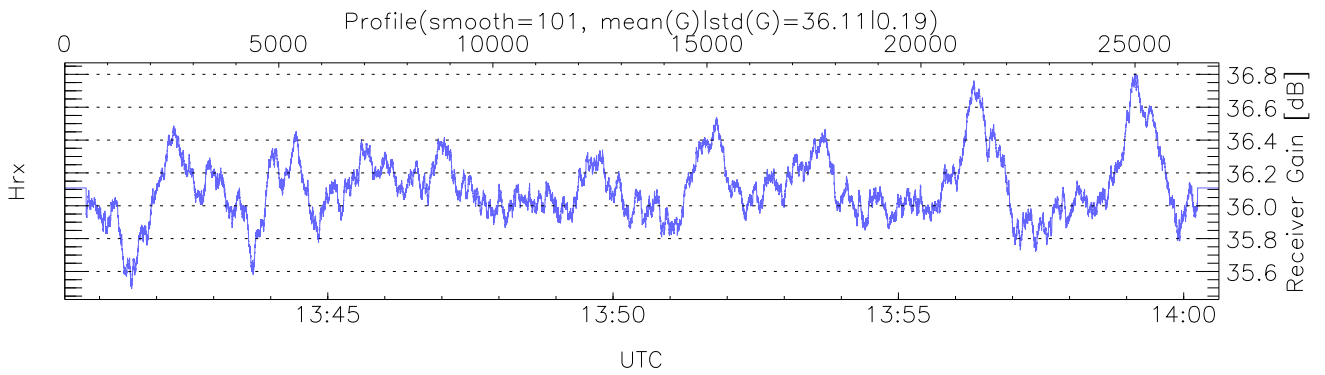
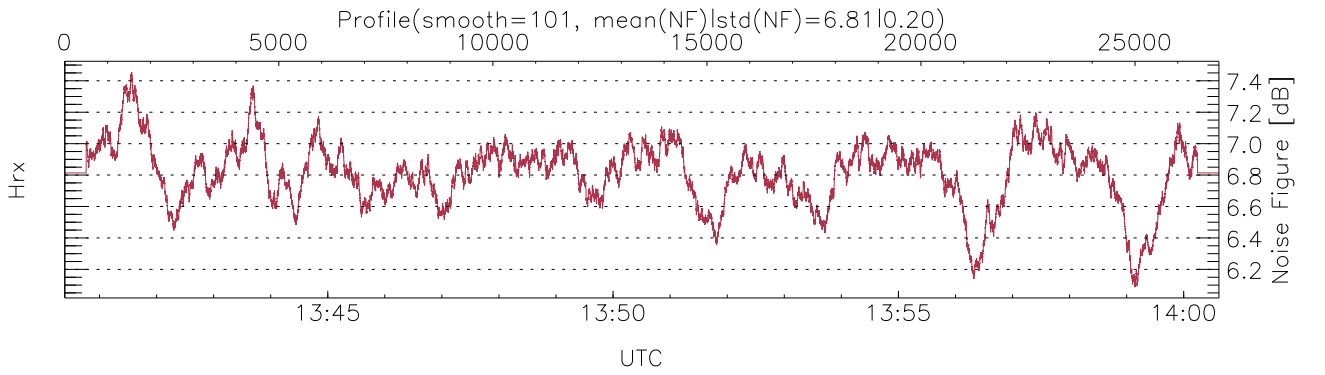
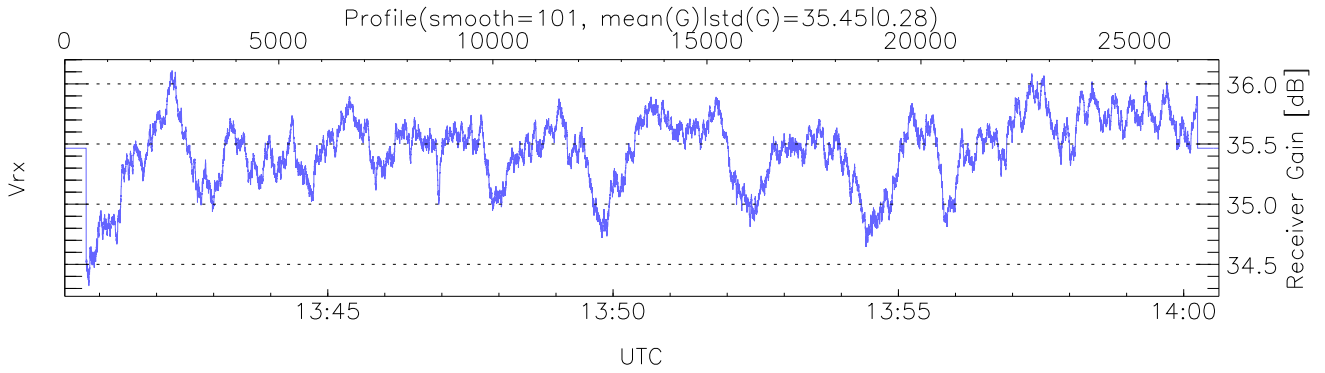
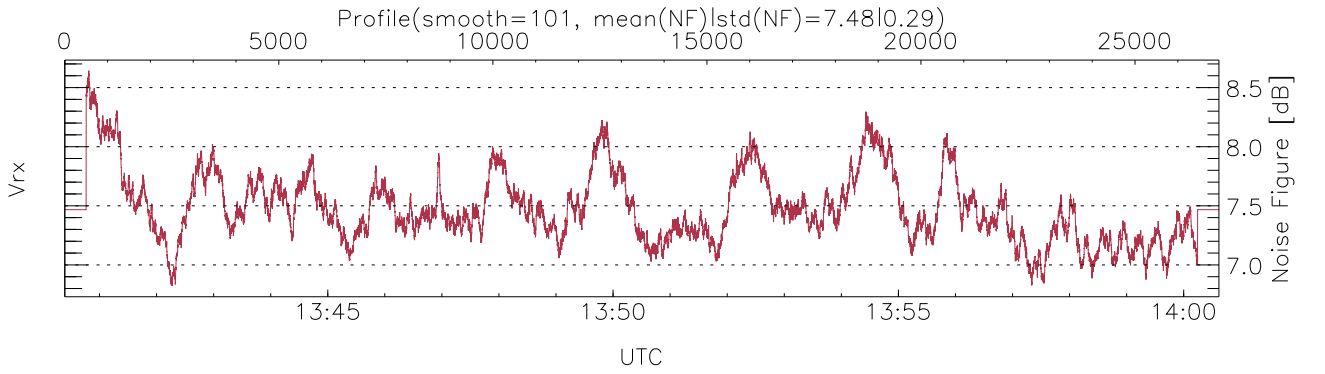
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 13:40:24-14:00:37, TimeCor: 0.00s, Dur: 1213.55s
 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): 26962/26962, 0-26961/13:40:24-14:00:37
 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,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



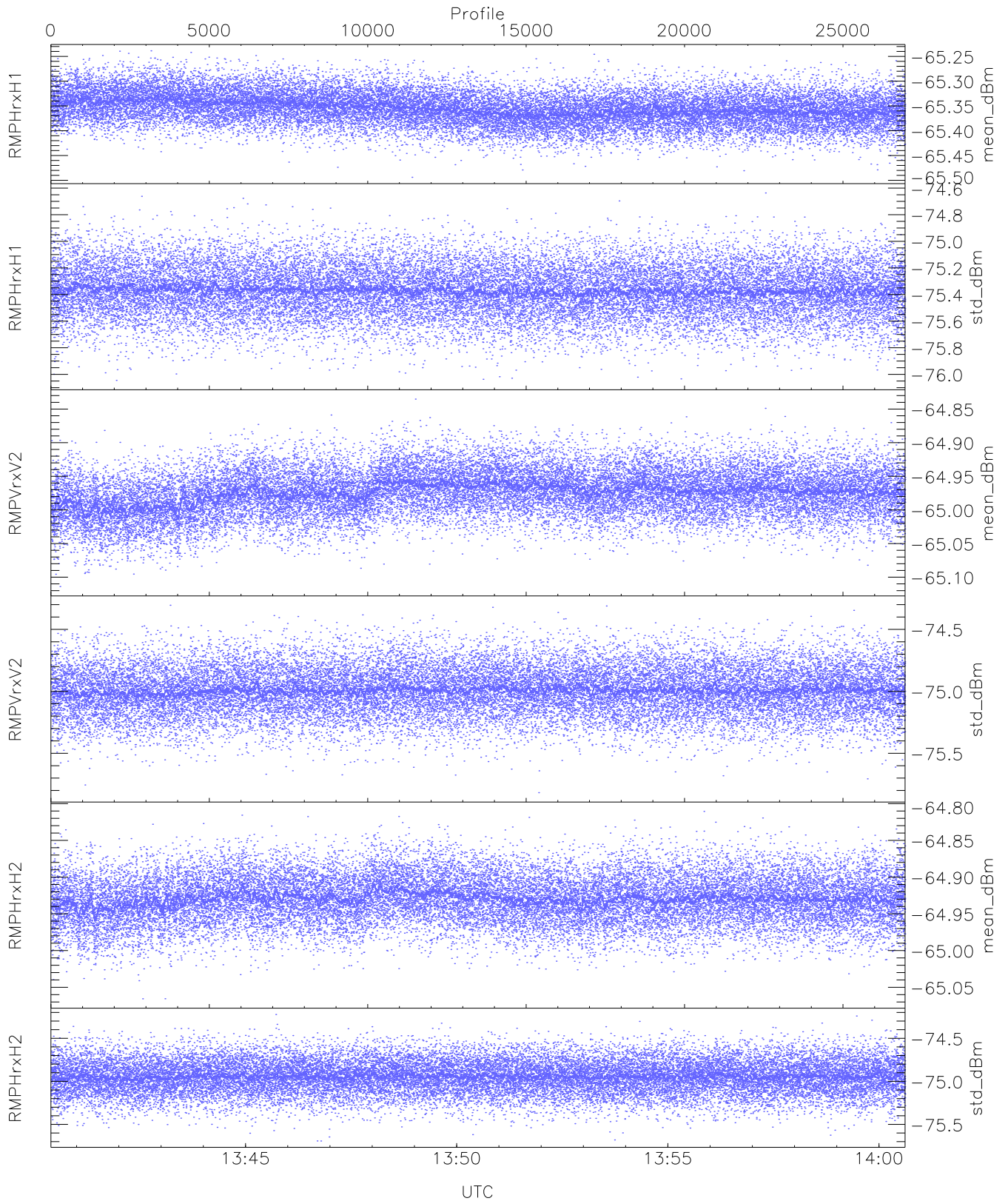
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,25,23,25
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,25,27
 LOalarm(20,240,2817,14861 MHz): 0,0,22,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,68,44,22)



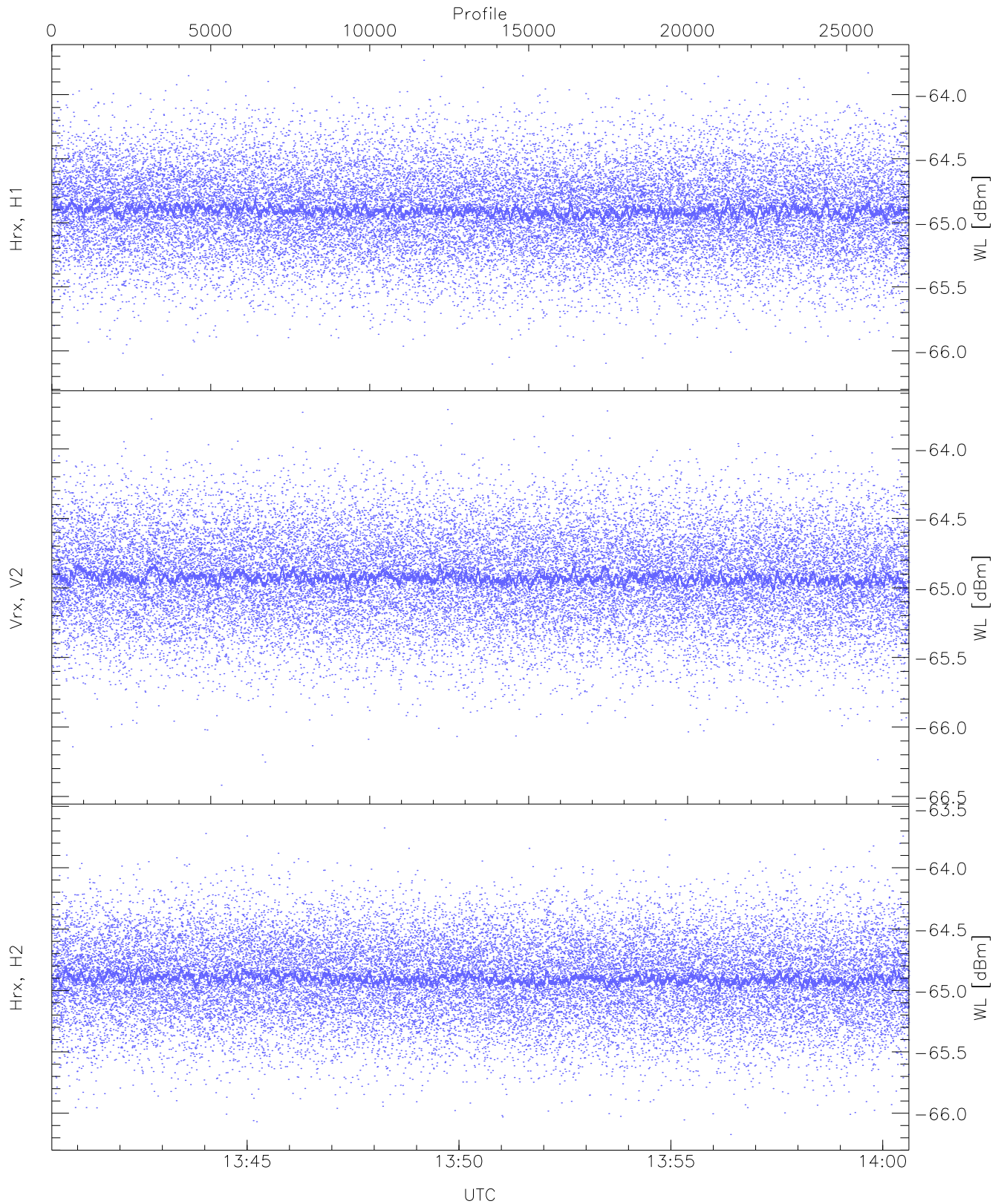
WCR3 CPP Receivers Gain and Noise Figure

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



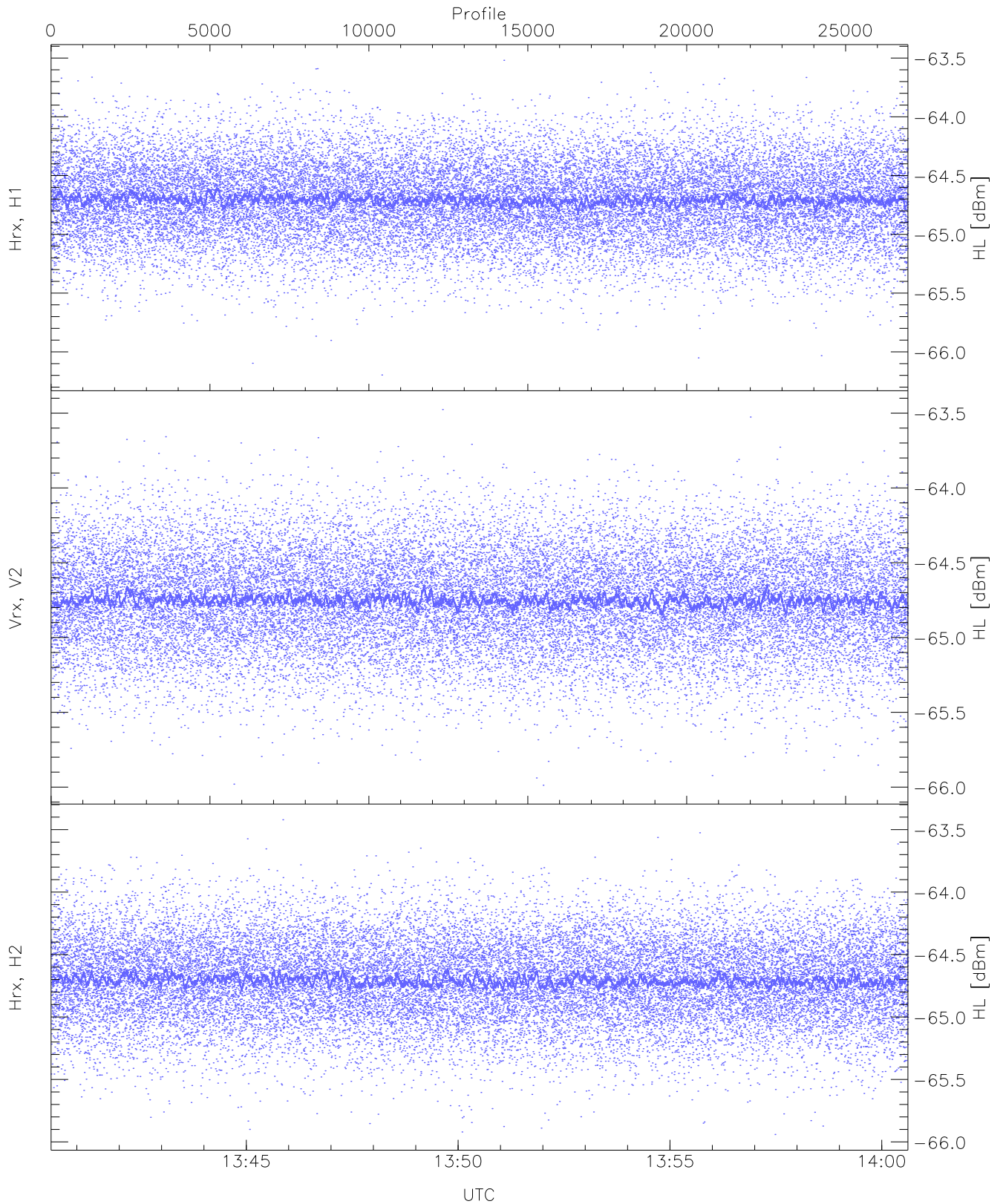
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.49	-65.24	-65.36	-65.36	-86.68
RMPHrxH1(std_dBm)	-76.05	-74.64	-75.37	-75.37	-89.18
RMPVrxV2(mean_dBm)	-65.11	-64.84	-64.98	-64.97	-86.21
RMPVrxV2(std_dBm)	-75.82	-74.31	-74.99	-75.00	-88.75
RMPHrxH2(mean_dBm)	-65.07	-64.81	-64.93	-64.93	-86.45
RMPHrxH2(std_dBm)	-75.69	-74.22	-74.94	-74.95	-88.73



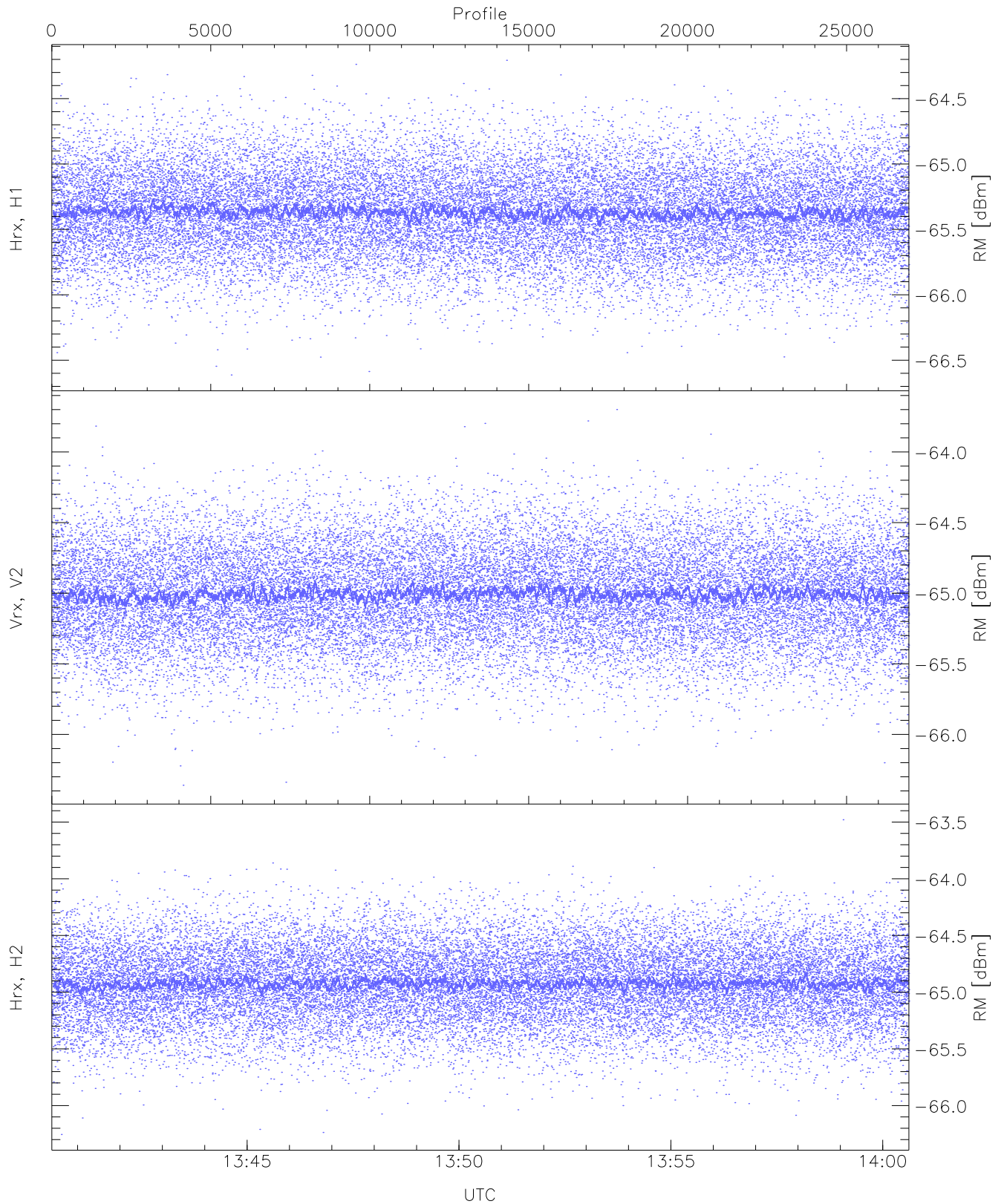
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.19	-63.73	-64.90	-64.90	-76.40
Vrx, V2 (WL [dBm])	-66.42	-63.72	-64.92	-64.93	-76.38
Hrx, H2 (WL [dBm])	-66.17	-63.61	-64.90	-64.90	-76.38



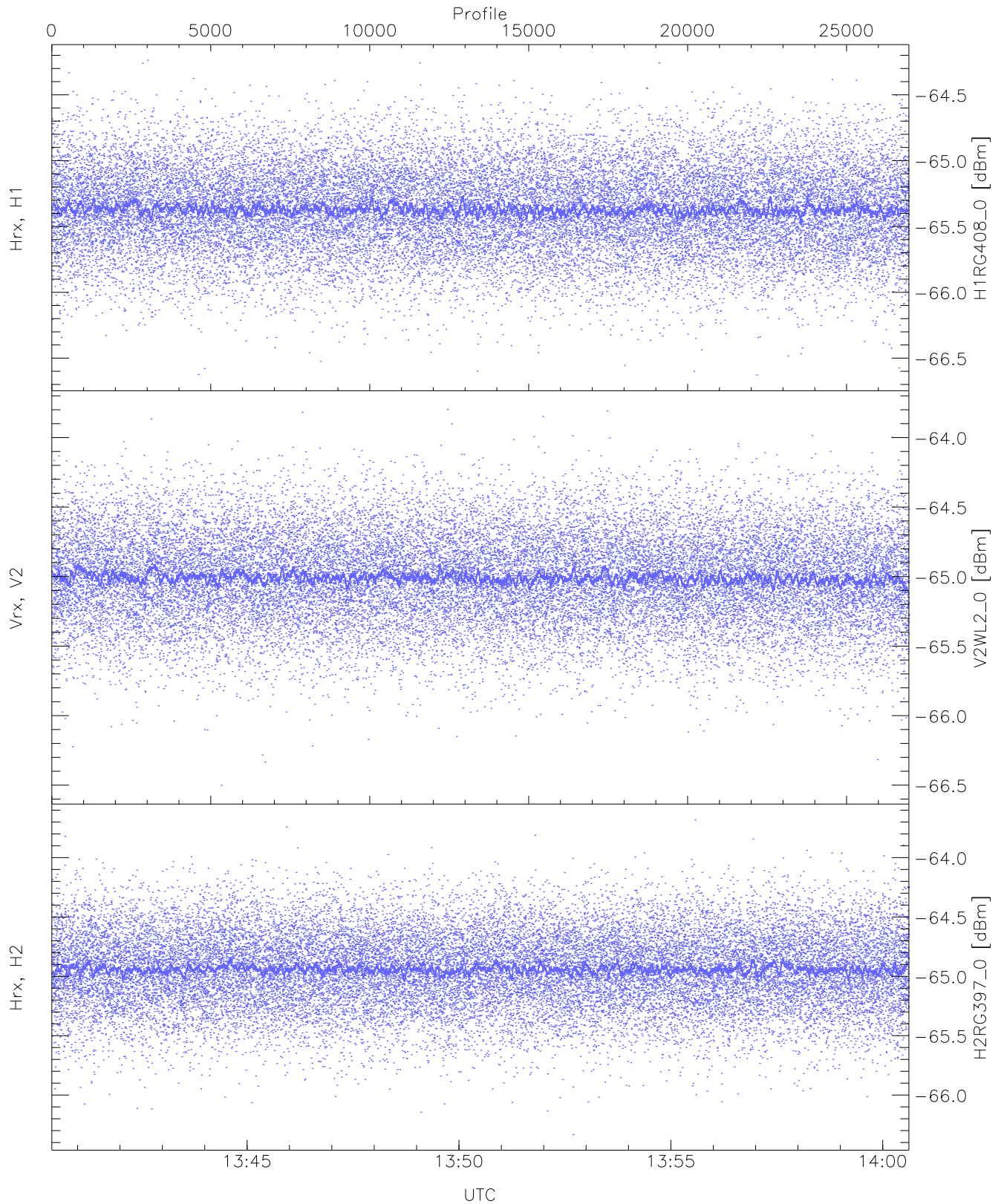
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.20	-63.52	-64.70	-64.70	-76.20
Vrx, V2 (HL [dBm])	-65.99	-63.48	-64.74	-64.75	-76.28
Hrx, H2 (HL [dBm])	-65.94	-63.42	-64.70	-64.71	-76.20



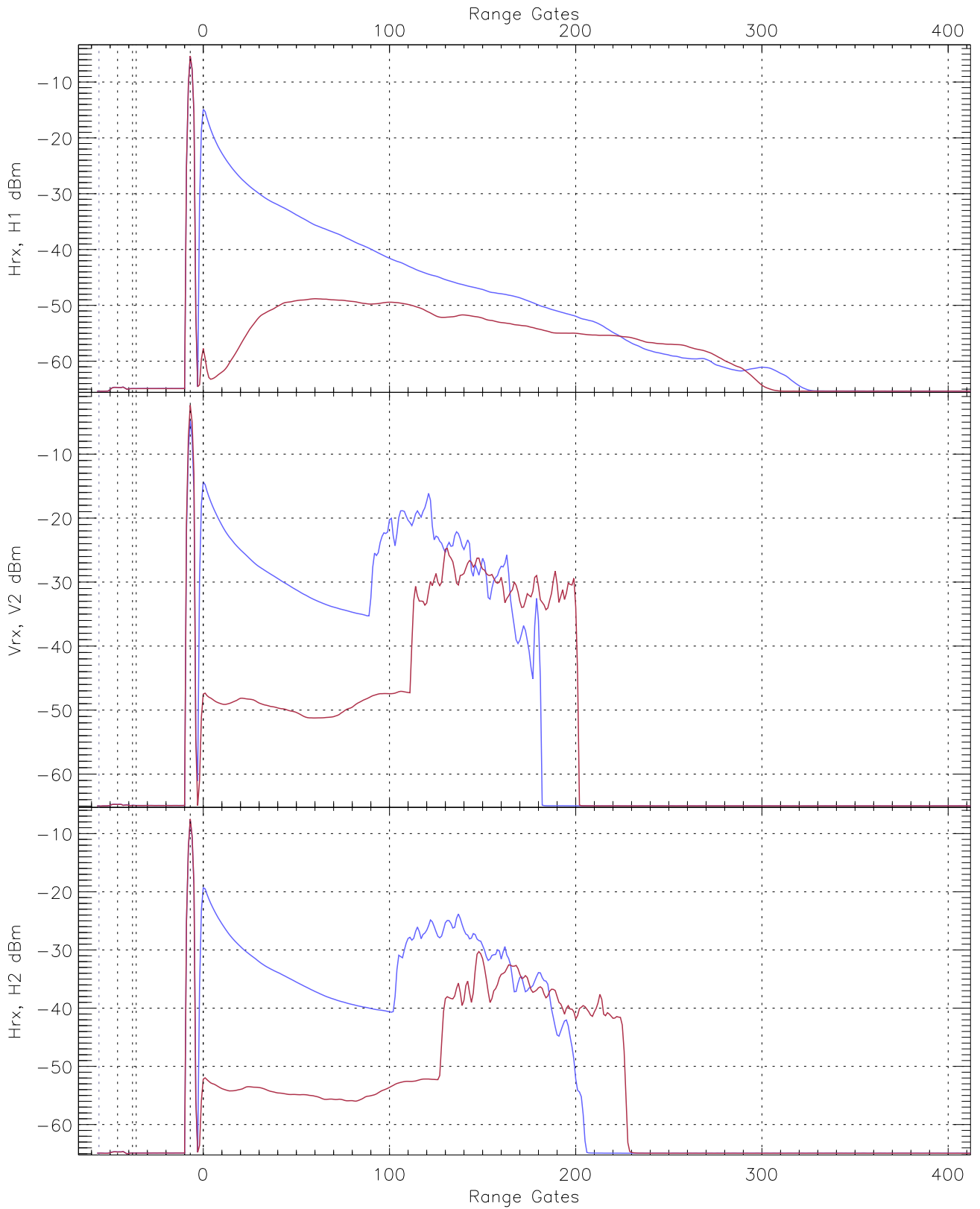
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.61	-64.21	-65.36	-65.37	-76.91
Vrx, V2(RM [dBm])	-66.36	-63.70	-65.00	-65.01	-76.49
Hrx, H2(RM [dBm])	-66.25	-63.48	-64.92	-64.93	-76.41

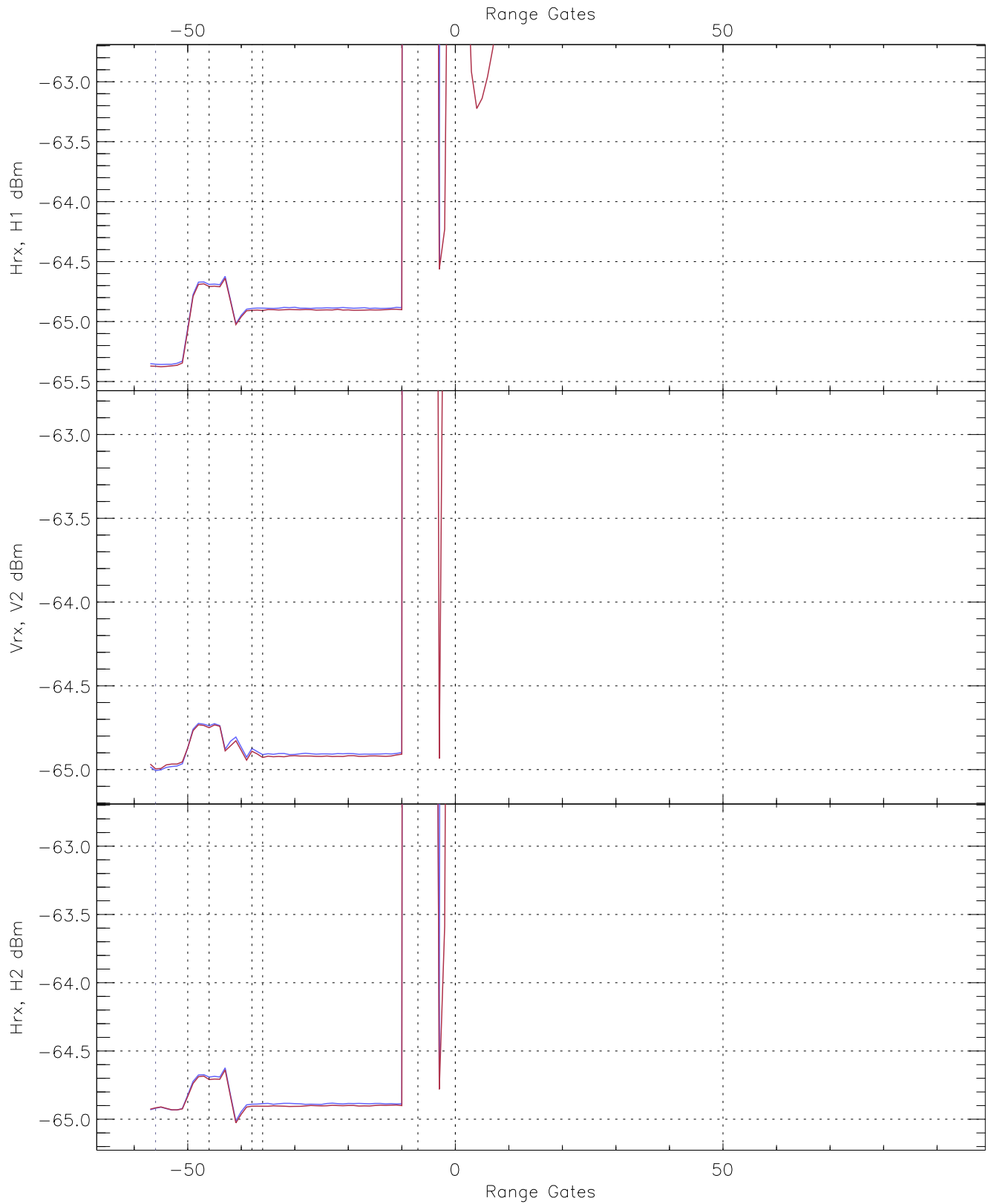


WCR3 CPP "Best" estimate Receivers Noise Power

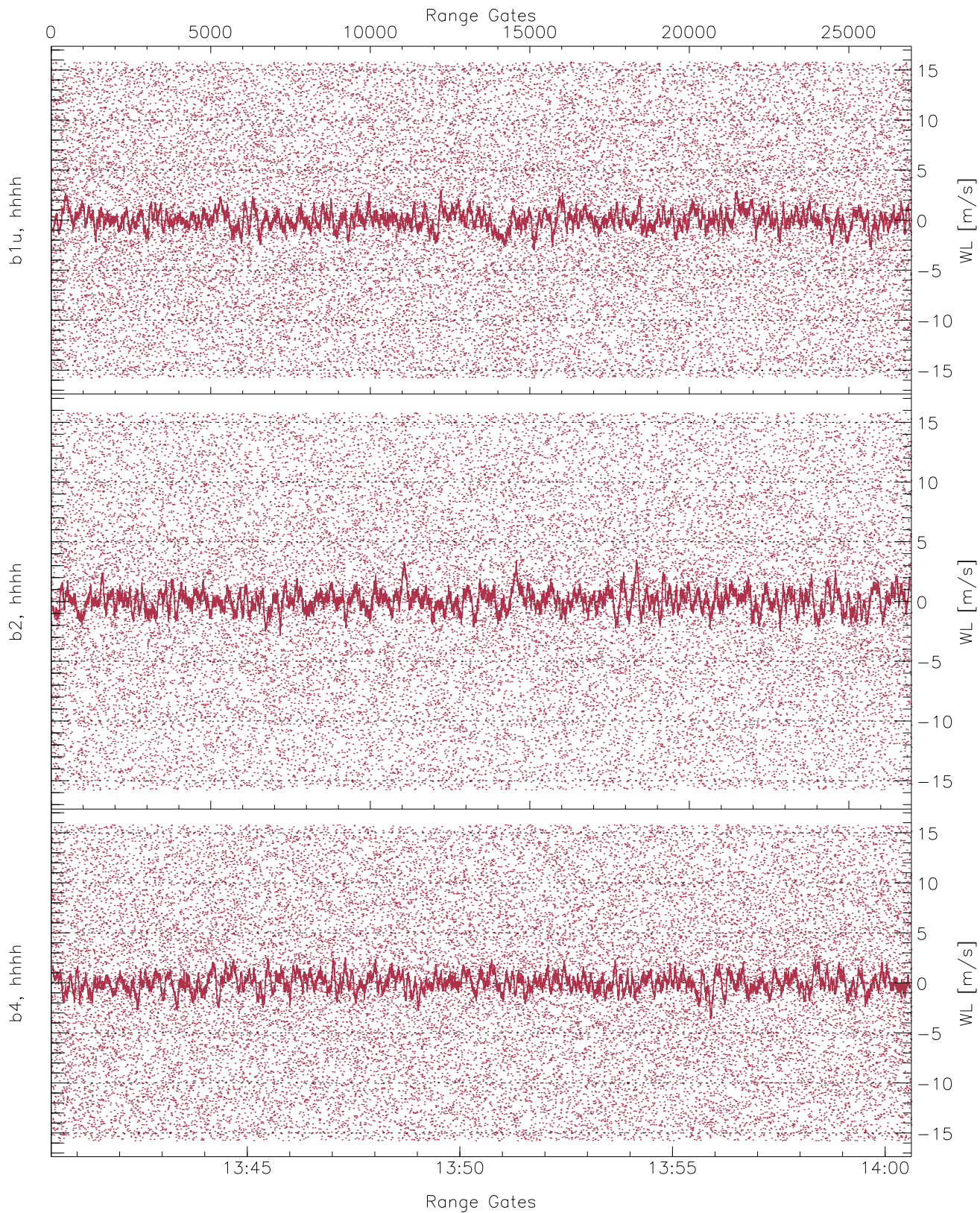
	Min	Max	Mean	Median	StDev
H1RG408_0 [dBm]	-66.63	-64.24	-65.36	-65.37	-76.86
V2WL2_0 [dBm]	-66.50	-63.80	-65.00	-65.01	-76.46
H2RG397_0 [dBm]	-66.33	-63.68	-64.93	-64.94	-76.45



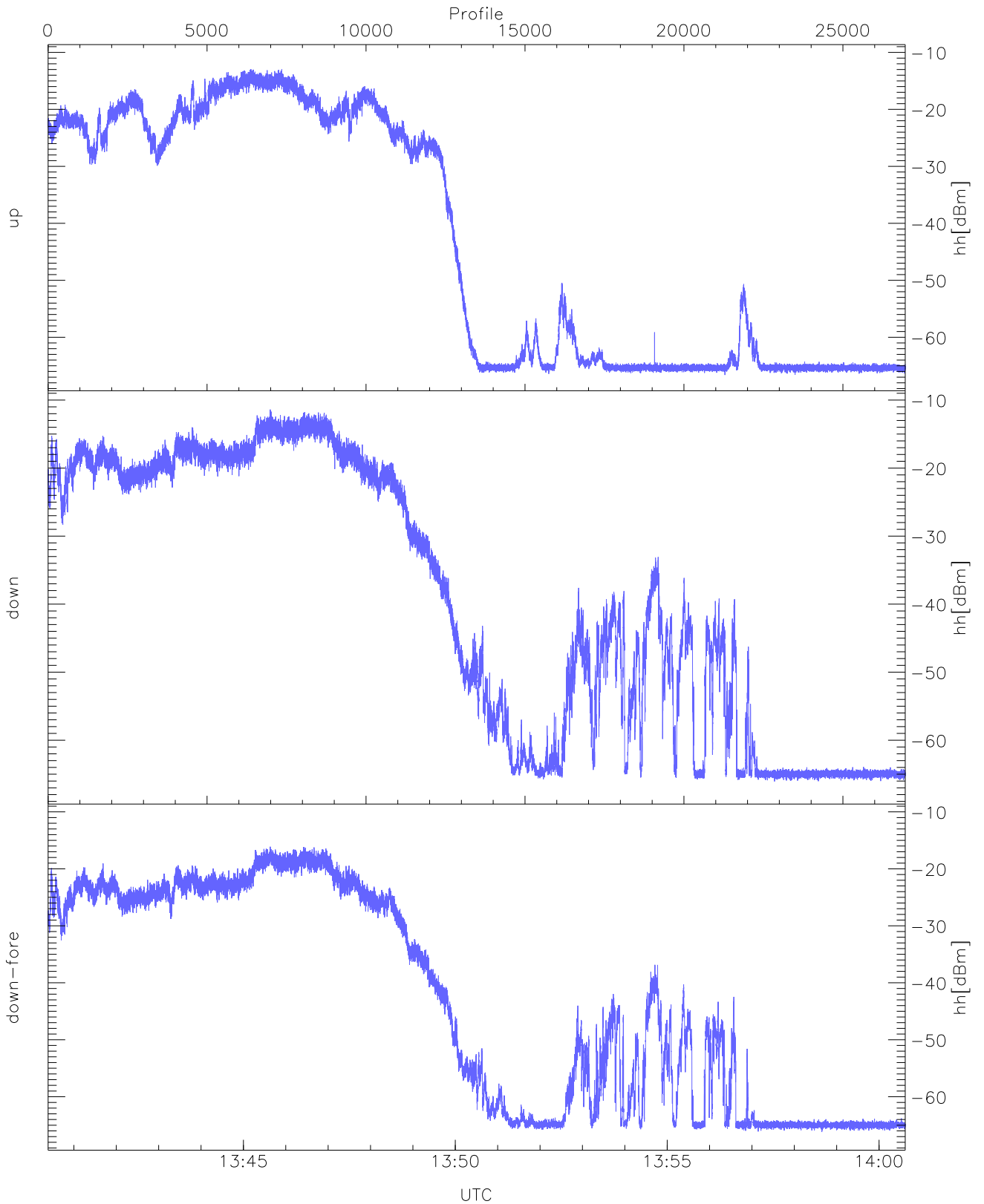
WCR3 CPP Averaged Received power for all recorded gates
blue: 134024-135030, 13482 profiles averaged
red: 135030-140037, 13481 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 134024-135030, 13482 profiles averaged
red: 135030-140037, 13481 profiles averaged

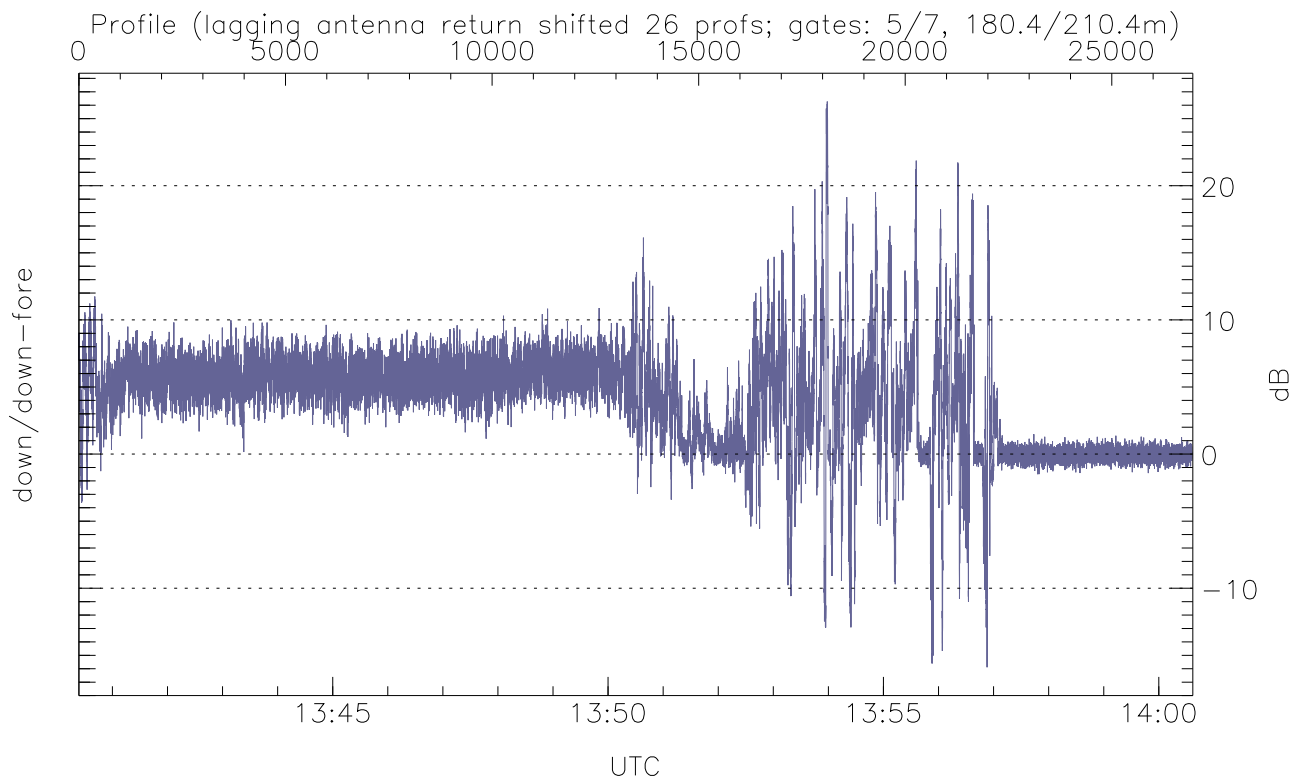
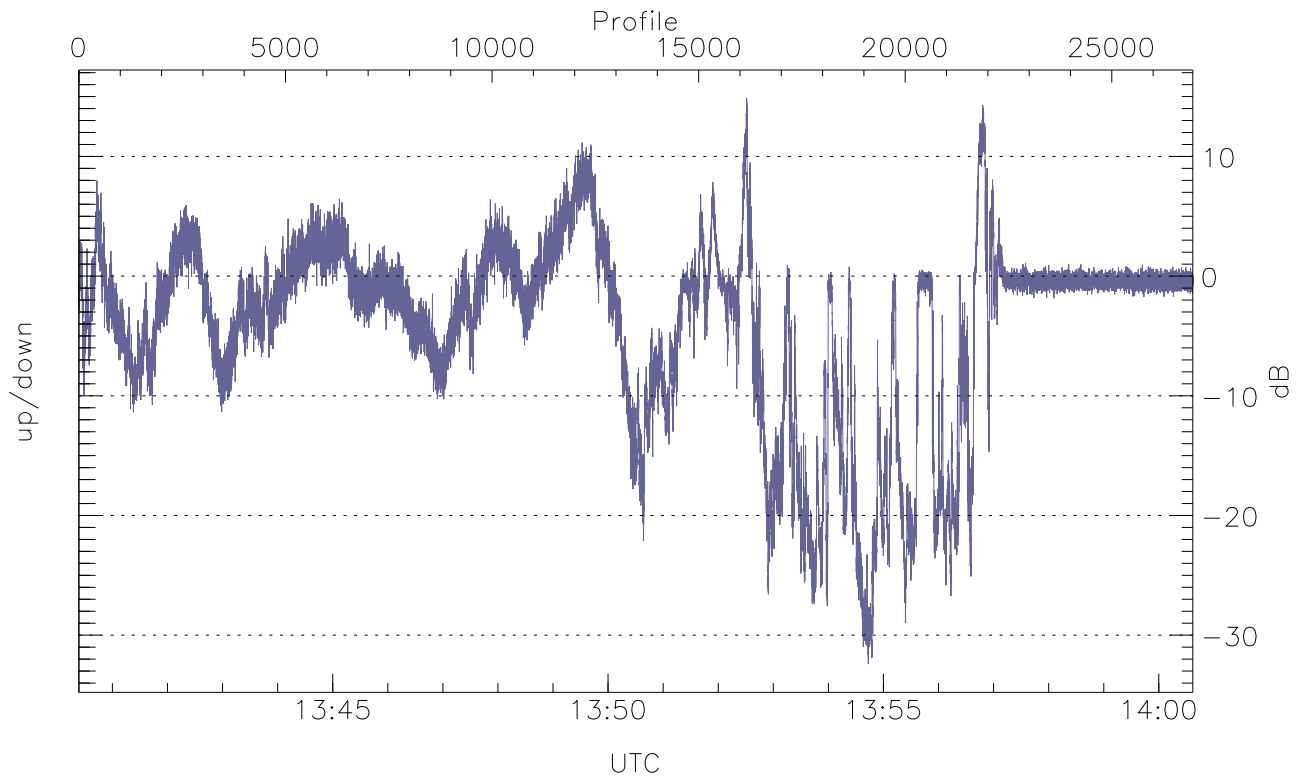


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



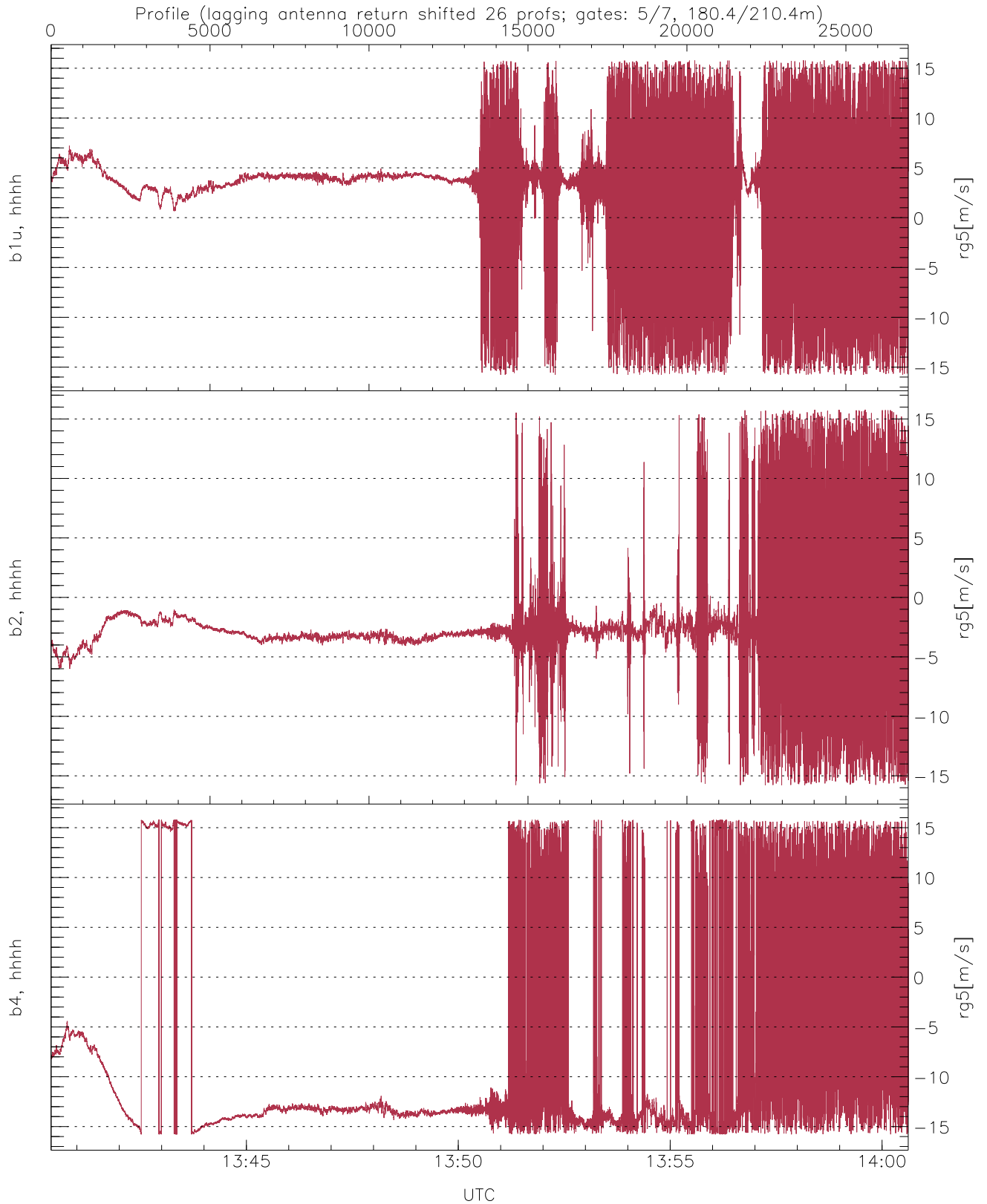
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.62	-12.94	-22.36
down(hh[dBm])	-66.06	-11.39	-21.13
down-fore(hh[dBm])	-66.20	-16.11	-25.66



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

	Min	Max	Mean
up/down (dB)	-32.41	14.86	-3.98
down/down-fore (dB)	-15.89	26.28	4.02



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	2.49	5.46
b2, hhhh(rg5[m/s])	-15.79	15.78	-2.34	3.98
b4, hhhh(rg5[m/s])	-15.79	15.79	-7.71	9.71