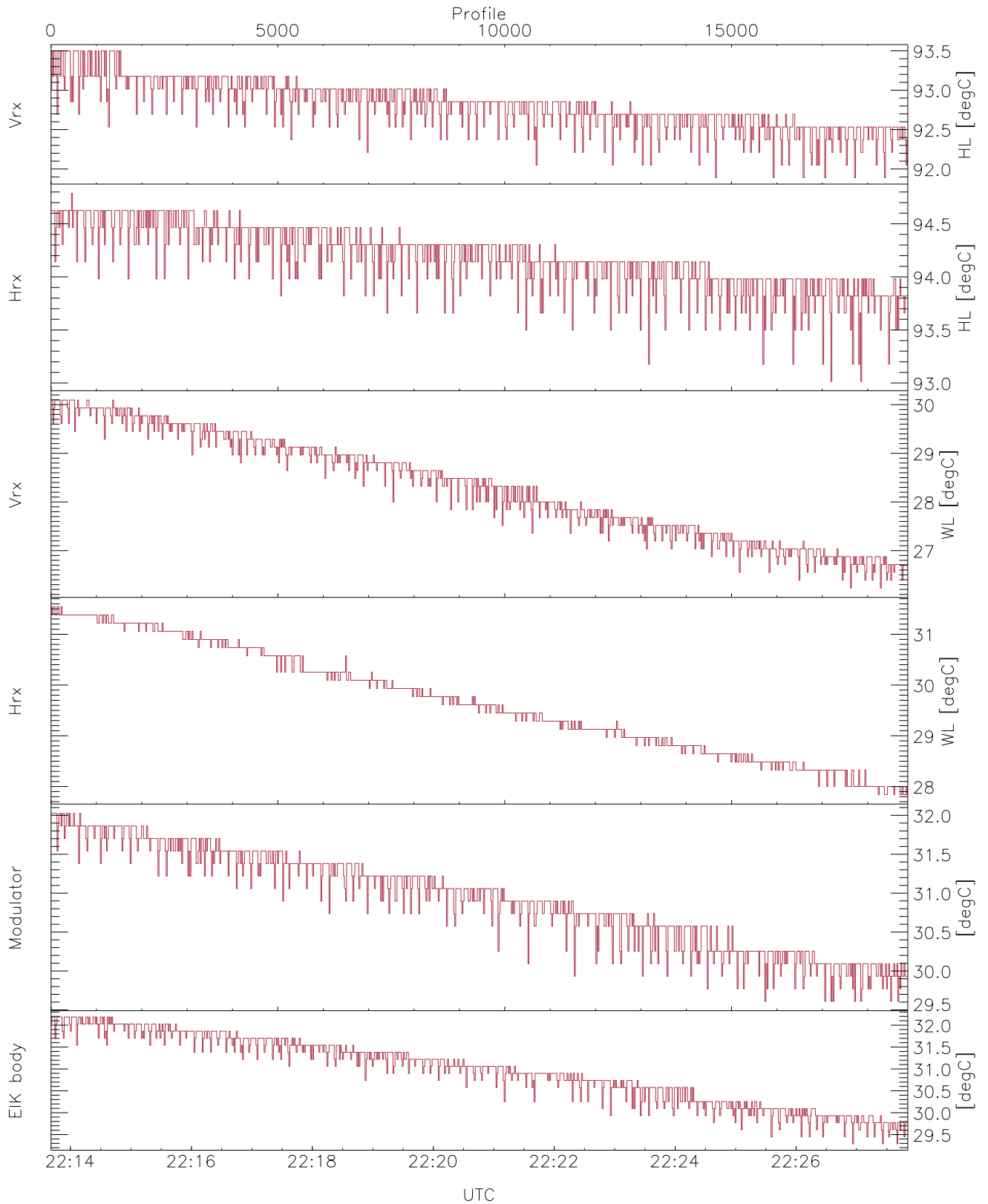


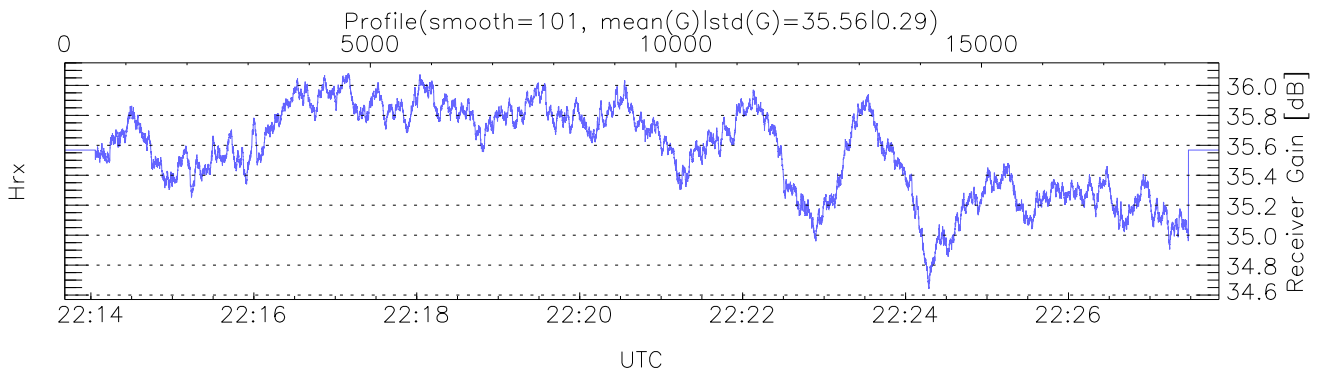
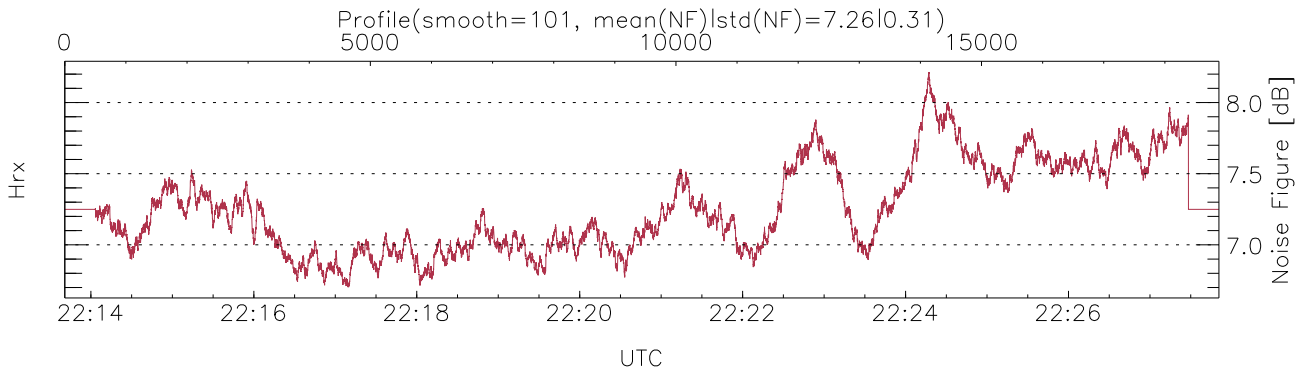
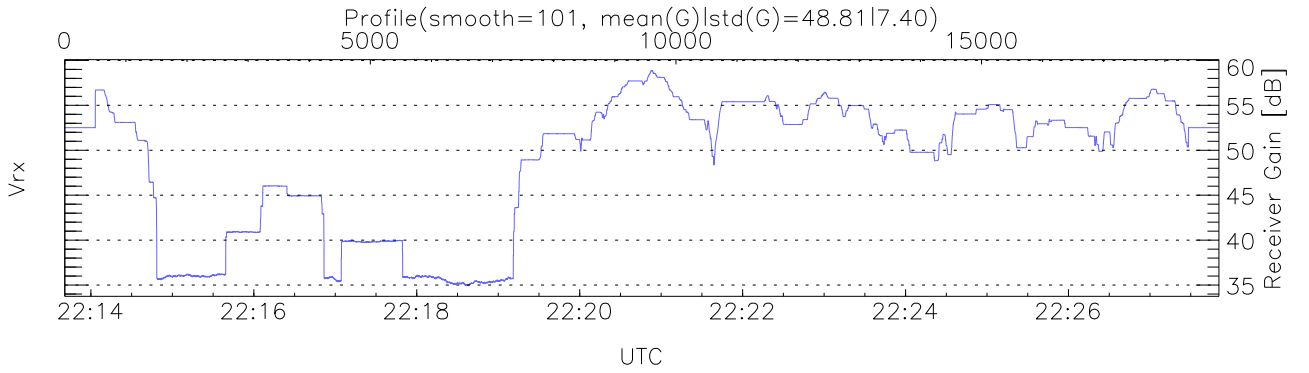
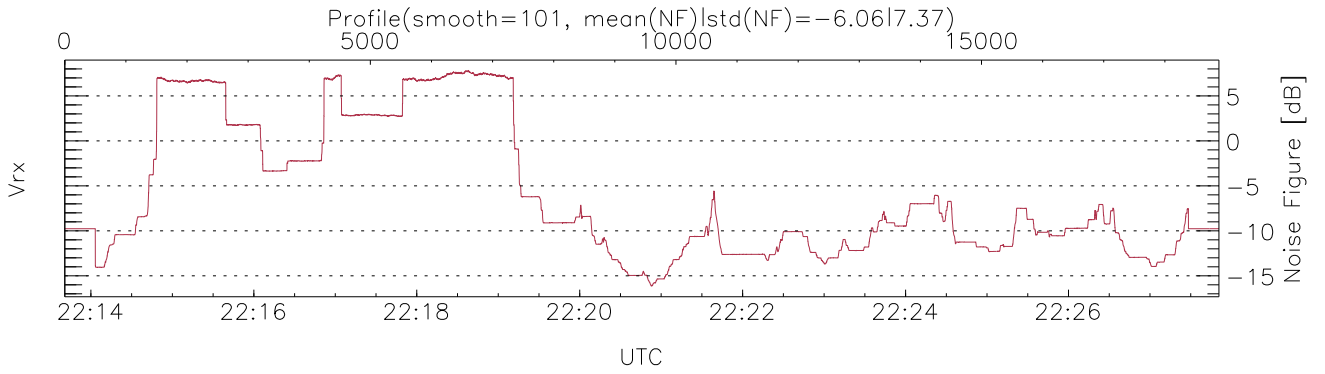
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:13:41-22:27:51, TimeCor: 0.00s, Dur: 850.04s
 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): 18886/18886, 0-18885/22:13:41-22:27:51
 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 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



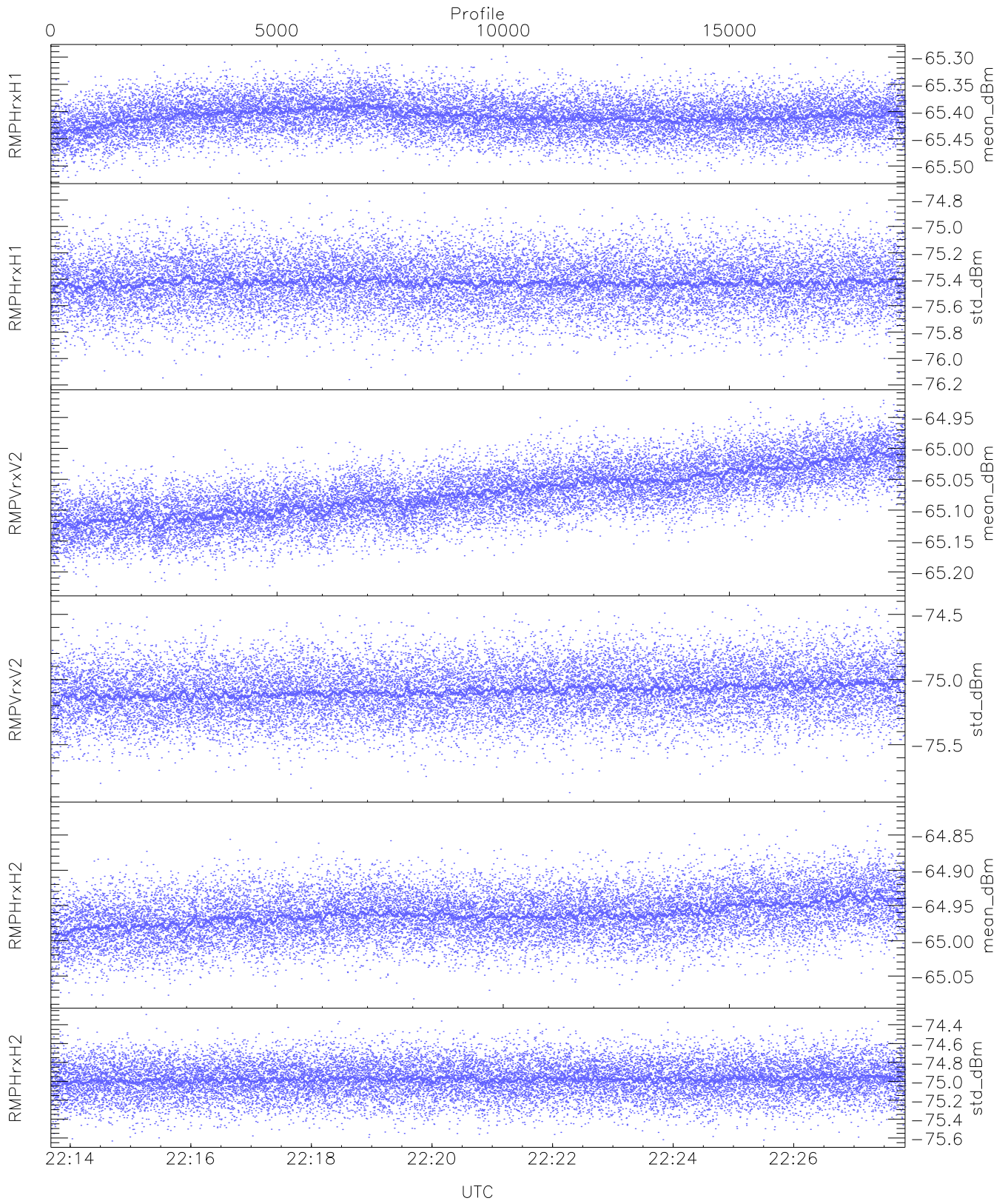
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,26,27,29,29
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,30,31,32,32
 LOalarm(20,240,2817,14861 MHz): 0,0,44,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (44,44,44,44,44,44)



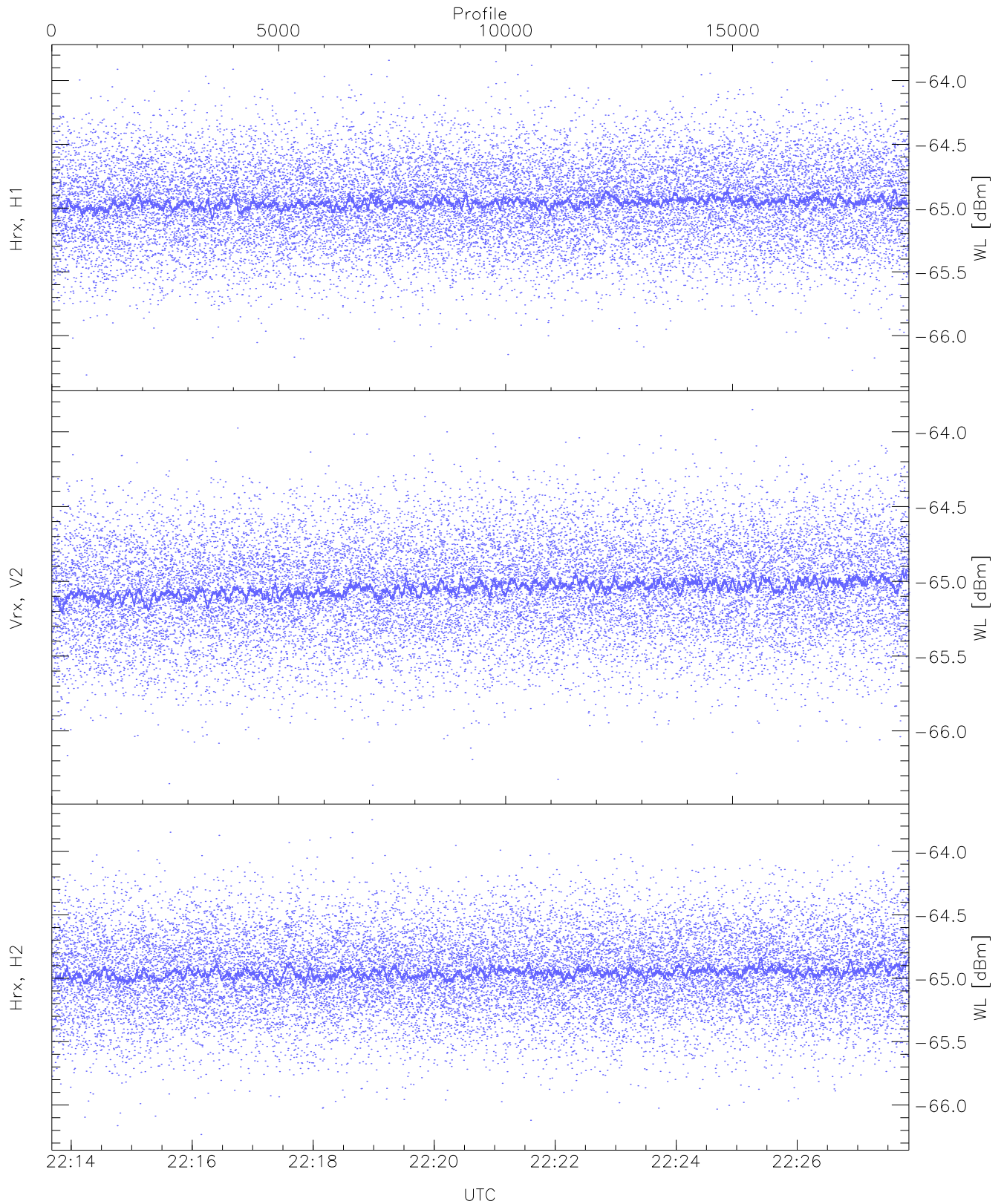
WCR3 CPP Receivers Gain and Noise Figure

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



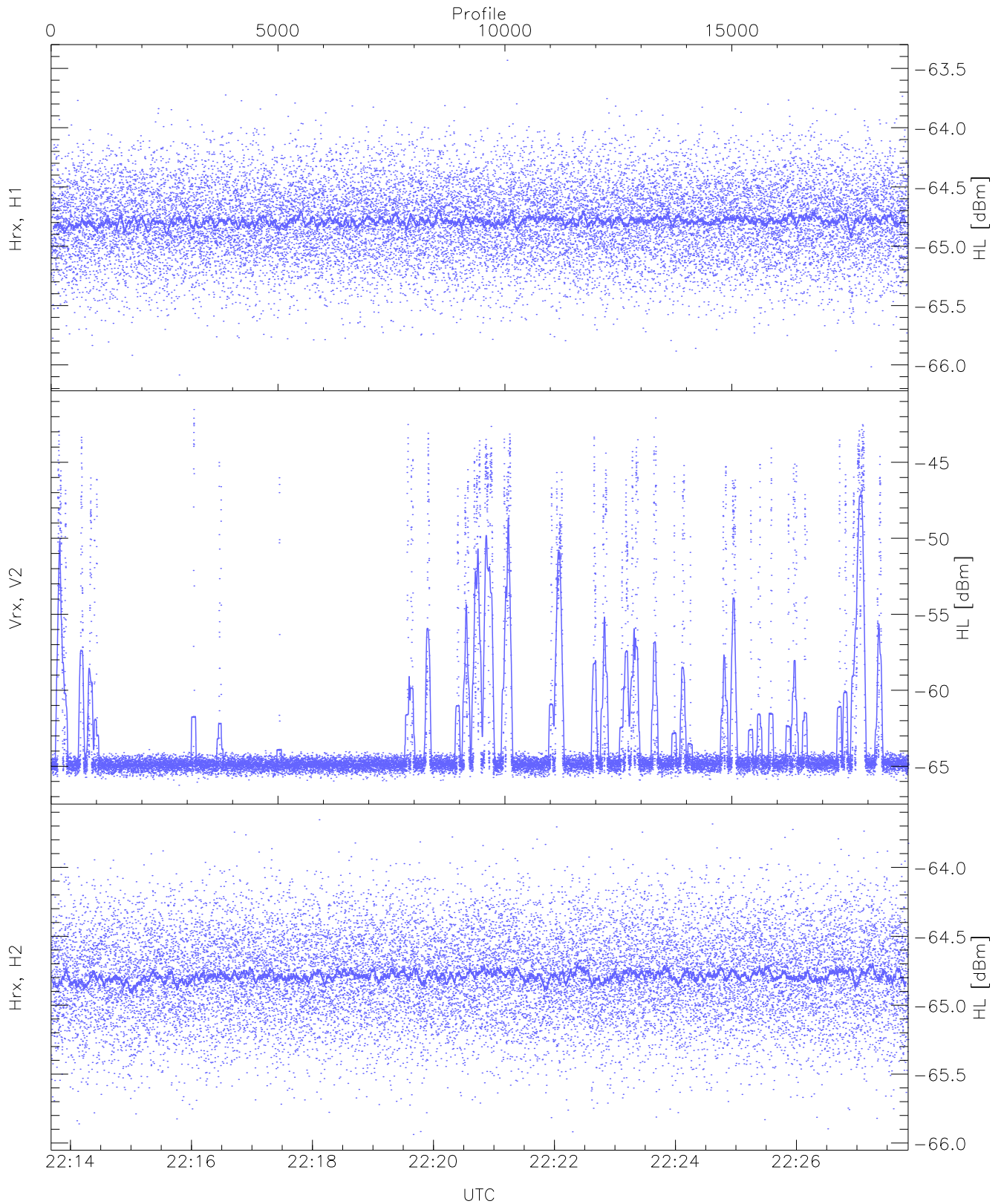
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.52	-65.29	-65.41	-65.41	-86.84
RMPHrxH1(std_dBm)	-76.17	-74.75	-75.43	-75.43	-89.21
RMPVrxV2(mean_dBm)	-65.22	-64.92	-65.07	-65.07	-84.86
RMPVrxV2(std_dBm)	-75.87	-74.43	-75.08	-75.09	-88.77
RMPHrxH2(mean_dBm)	-65.08	-64.82	-64.96	-64.96	-86.27
RMPHrxH2(std_dBm)	-75.63	-74.29	-74.98	-74.98	-88.79



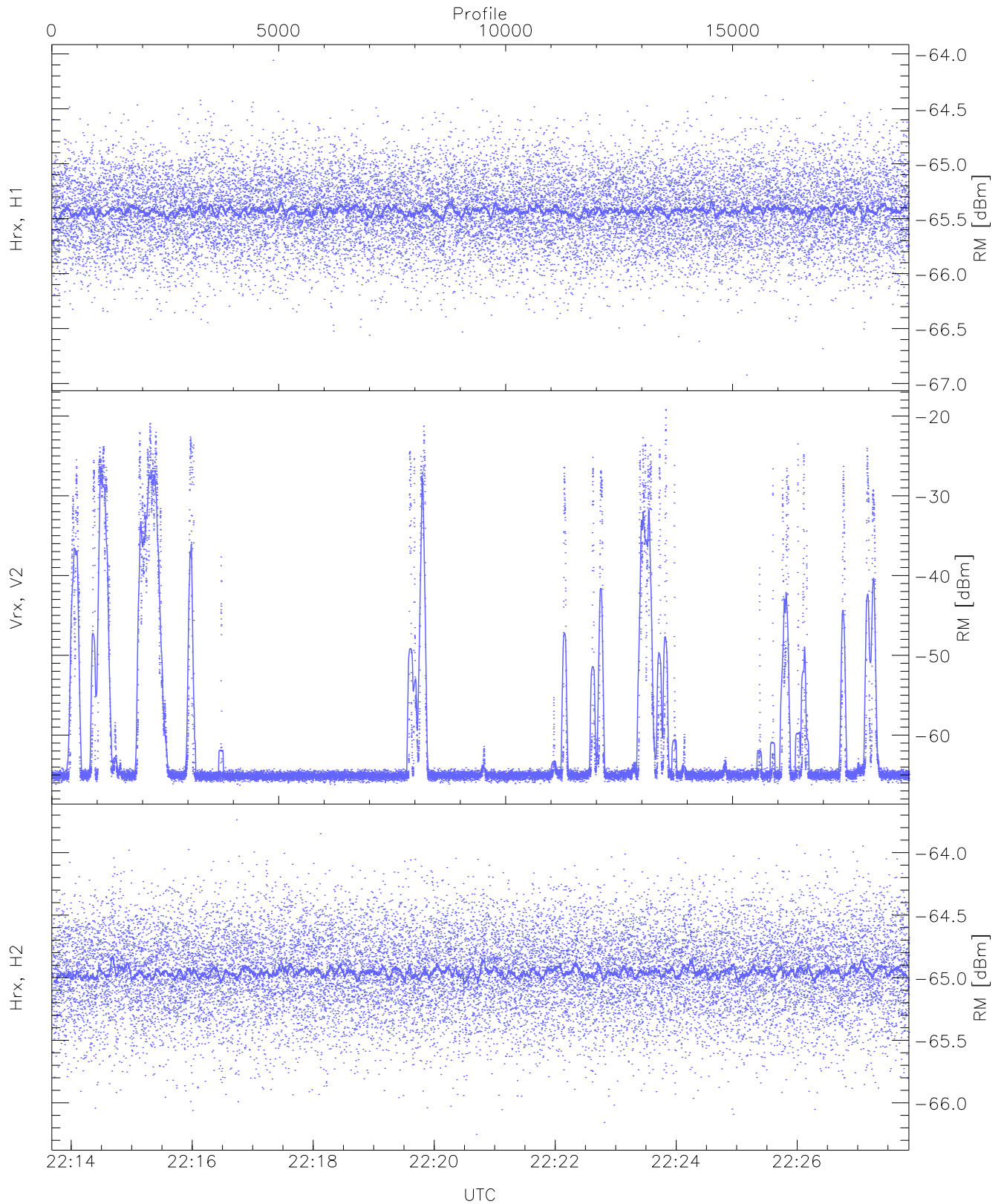
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.31	-63.84	-64.95	-64.95	-76.42
Vrx, V2 (WL [dBm])	-66.36	-63.85	-65.04	-65.04	-76.53
Hrx, H2 (WL [dBm])	-66.23	-63.75	-64.95	-64.96	-76.45



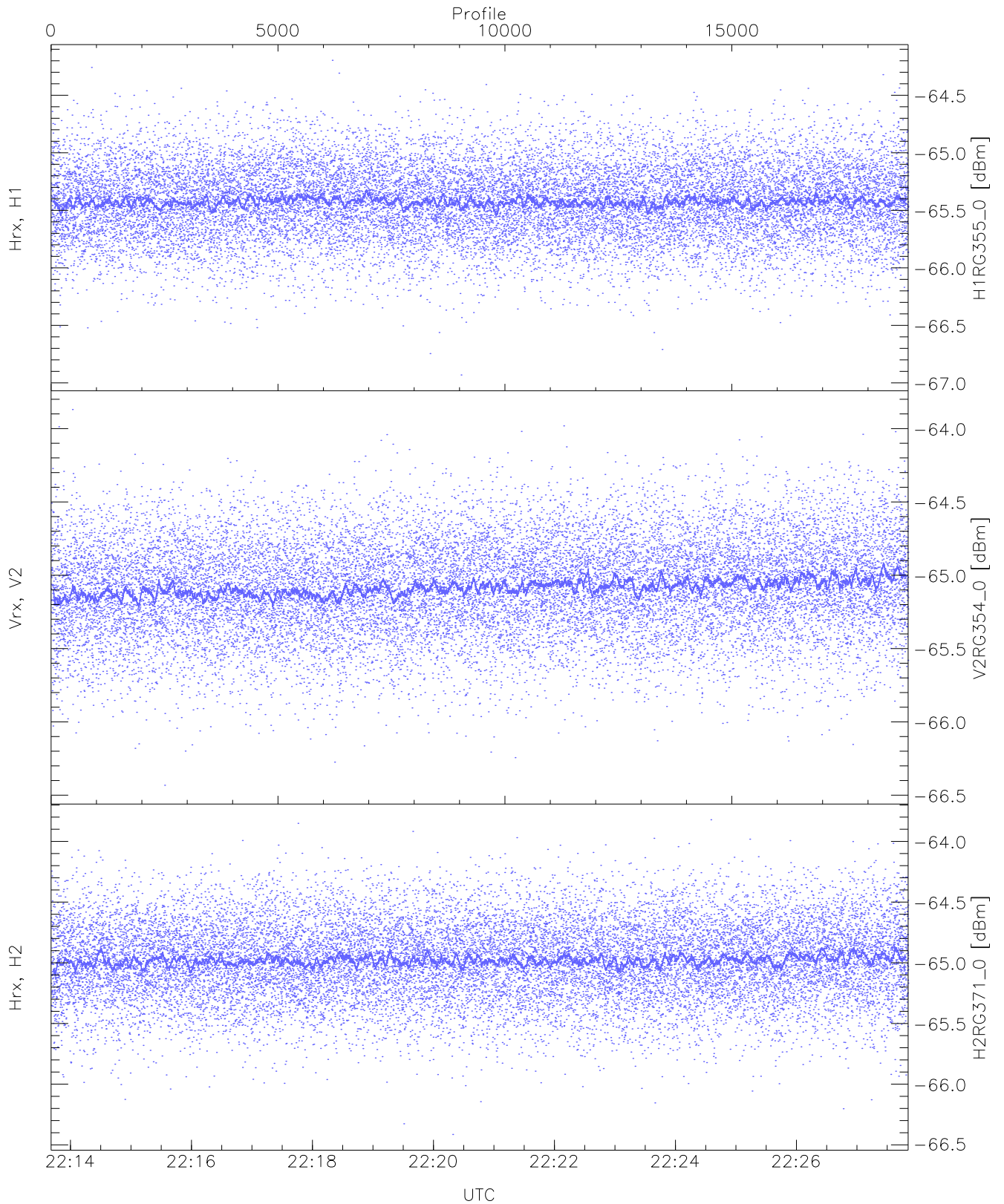
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.09	-63.43	-64.78	-64.79	-76.29
Vrx, V2 (HL [dBm])	-66.25	-41.53	-57.36	-64.79	-52.42
Hrx, H2 (HL [dBm])	-65.94	-63.65	-64.78	-64.79	-76.29



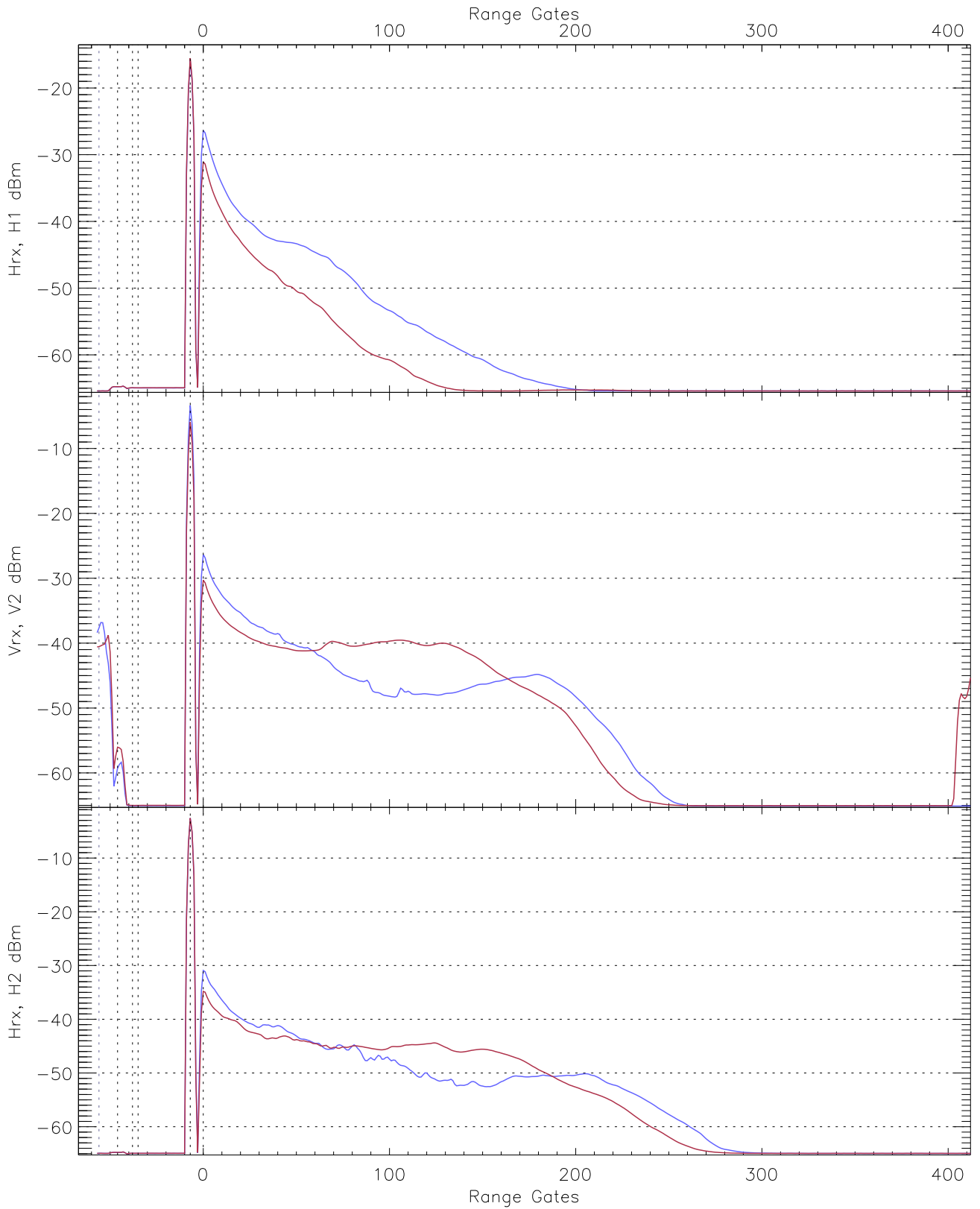
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.92	-64.06	-65.42	-65.43	-76.93
Vrx, V2 (RM [dBm])	-66.29	-19.19	-38.87	-64.92	-32.38
Hrx, H2 (RM [dBm])	-66.25	-63.74	-64.95	-64.95	-76.42

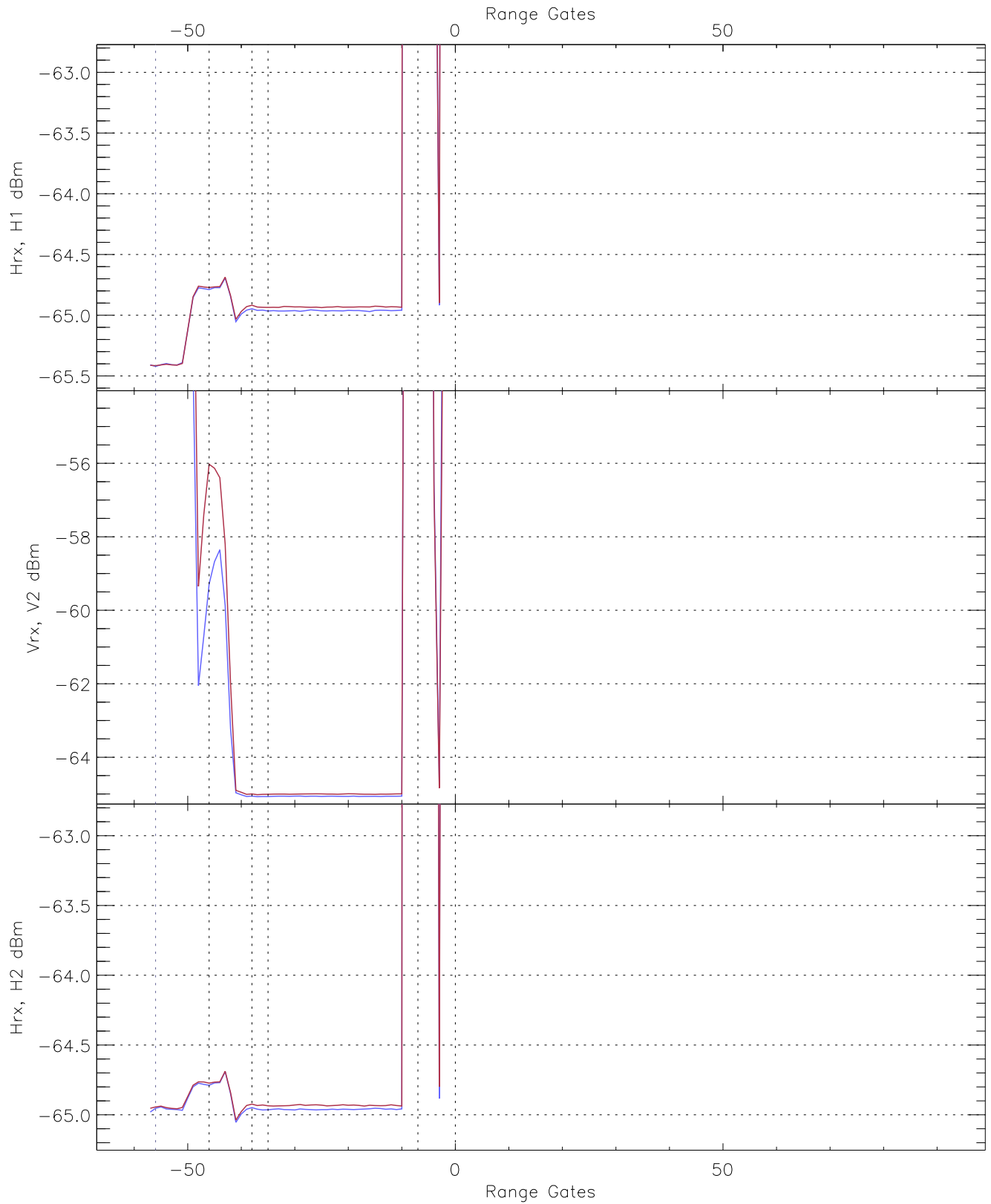


WCR3 CPP "Best" estimate Receivers Noise Power

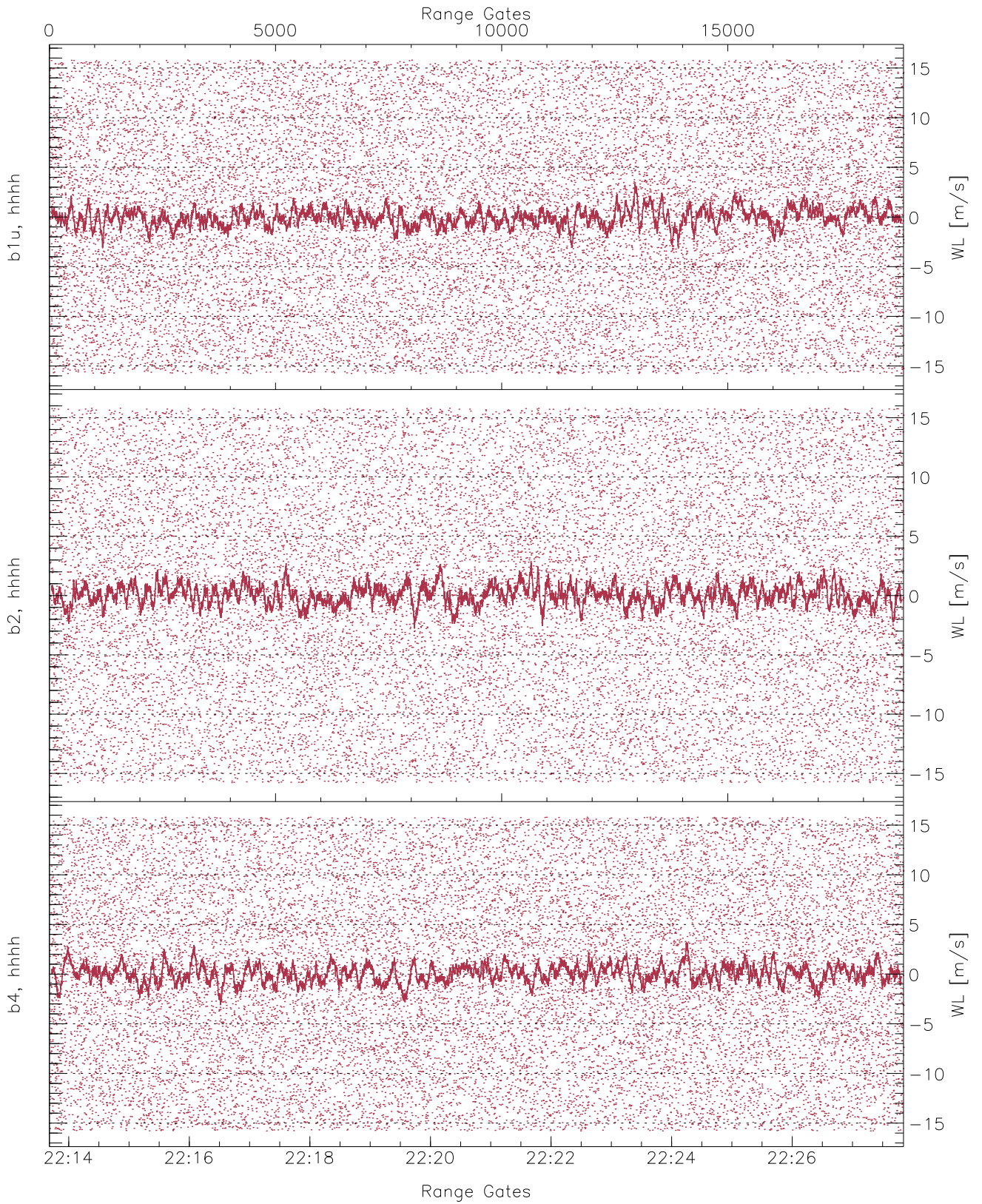
	Min	Max	Mean	Median	StDev
H1RG355_0 [dBm]	-66.93	-64.20	-65.42	-65.43	-76.92
V2RG354_0 [dBm]	-66.43	-63.87	-65.08	-65.08	-76.55
H2RG371_0 [dBm]	-66.41	-63.82	-64.97	-64.98	-76.48



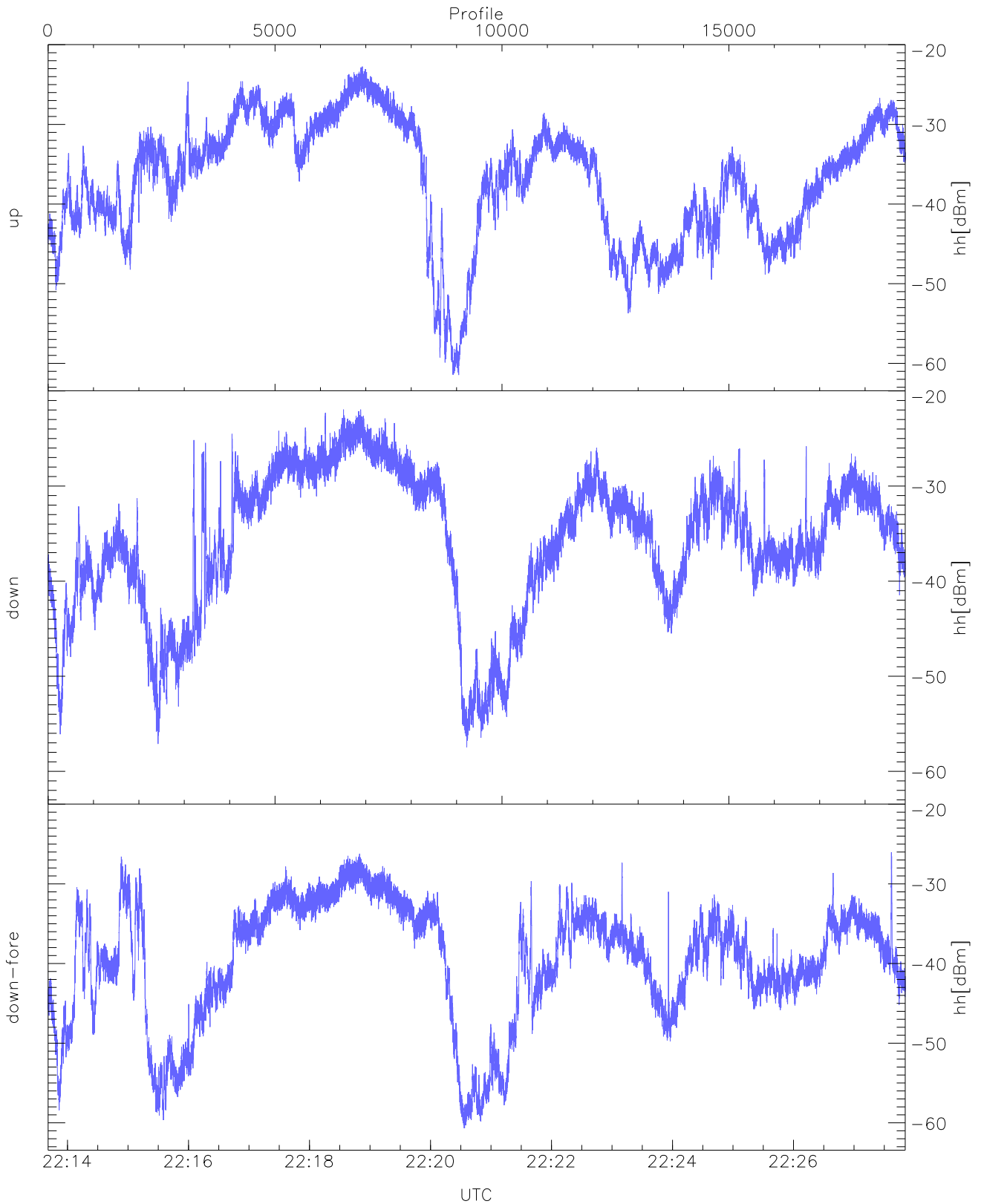
WCR3 CPP Averaged Received power for all recorded gates
blue: 221341-222046, 9444 profiles averaged
red: 222046-222751, 9443 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 221341-222046, 9444 profiles averaged
red: 222046-222751, 9443 profiles averaged

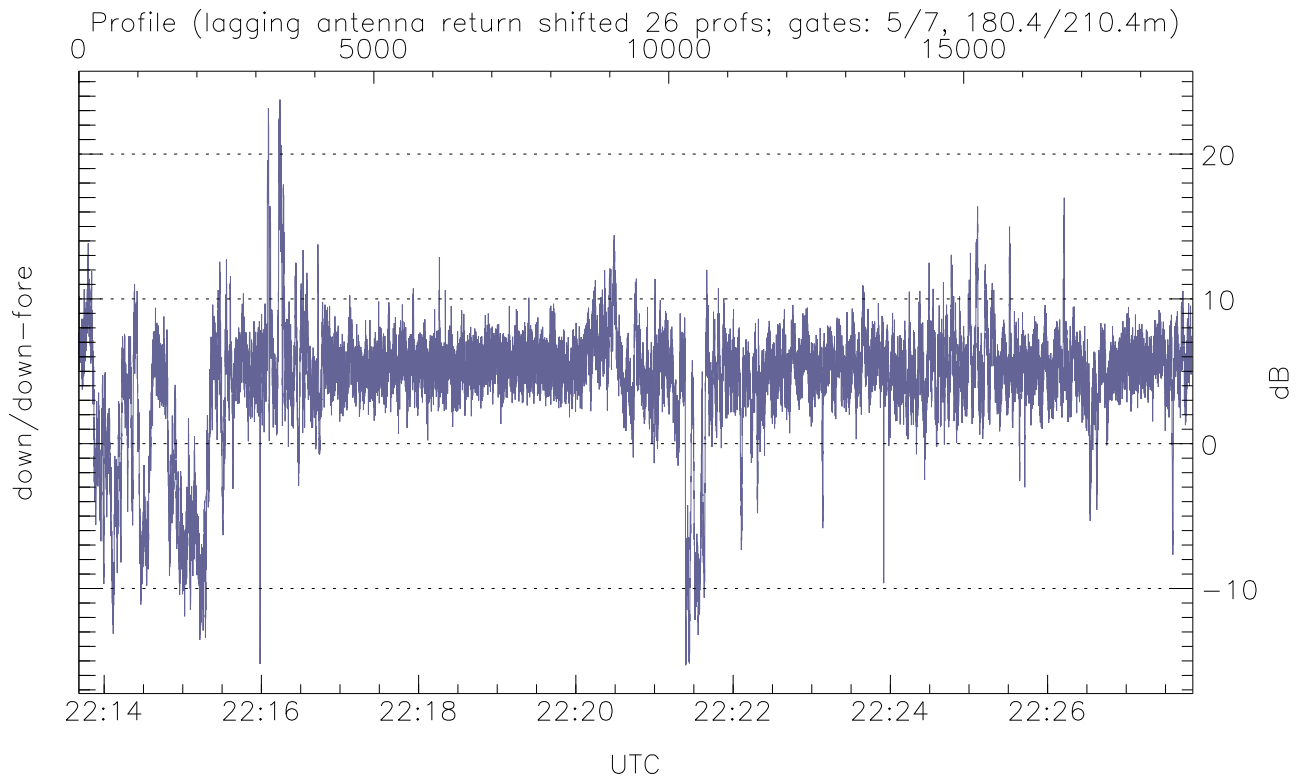
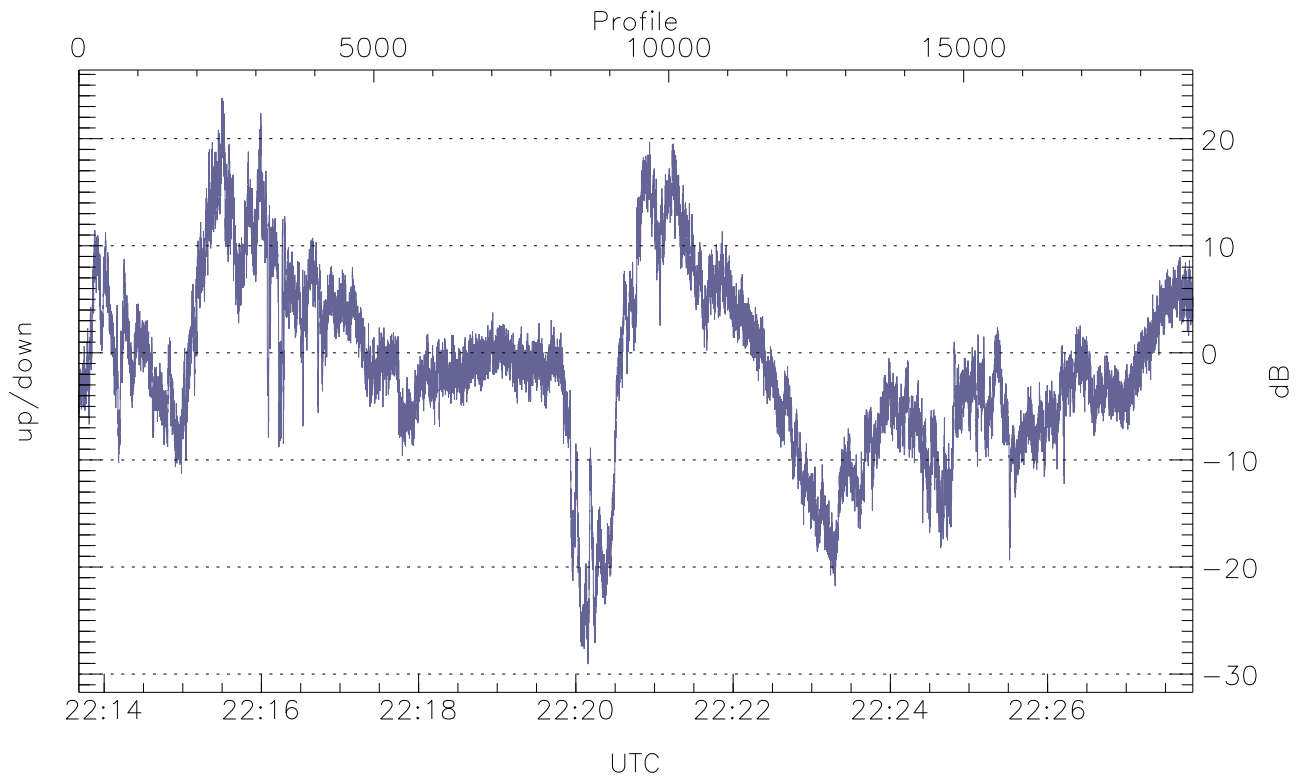


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



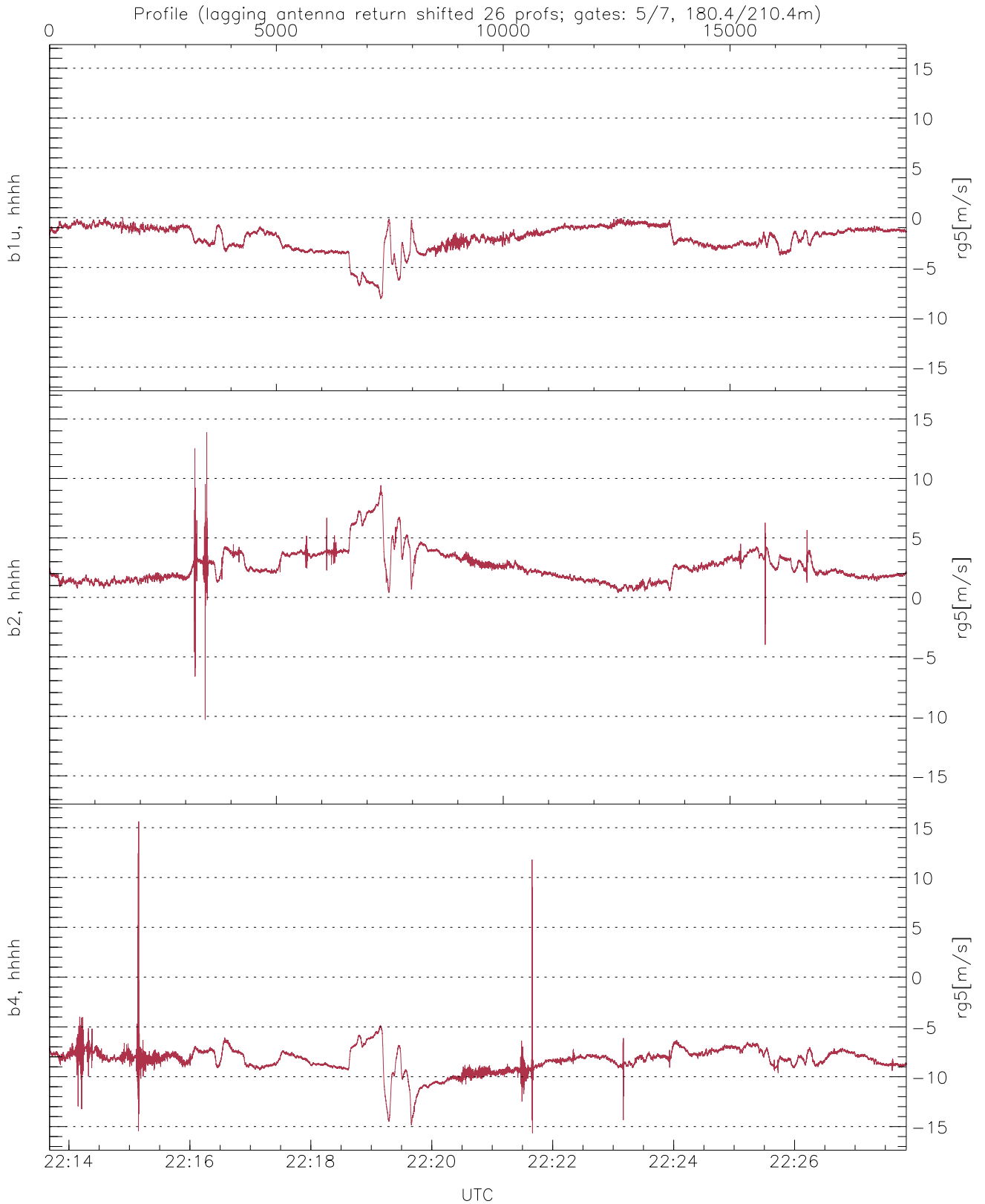
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-61.46	-22.73	-32.46
down(hh[dBm])	-57.45	-21.95	-31.64
down-fore(hh[dBm])	-60.68	-26.02	-35.47



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

	Min	Max	Mean
up/down (dB)	-29.06	23.77	-1.20
down/down-fore (dB)	-15.30	23.77	4.41



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-8.14	0.03	-2.05	1.33
b2, hhhh(rg5[m/s])	-10.27	13.87	2.61	1.38
b4, hhhh(rg5[m/s])	-15.65	15.62	-8.34	1.25