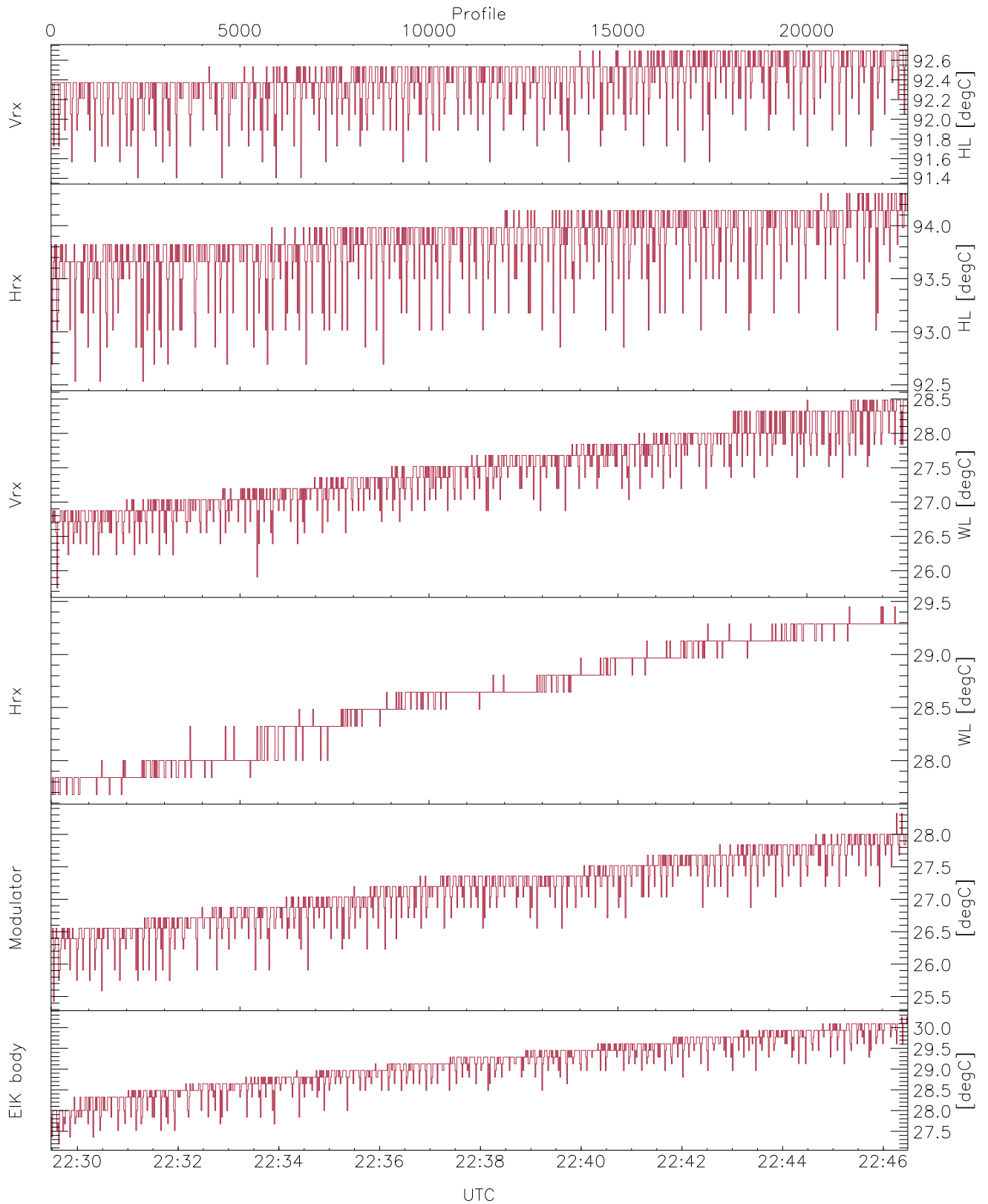


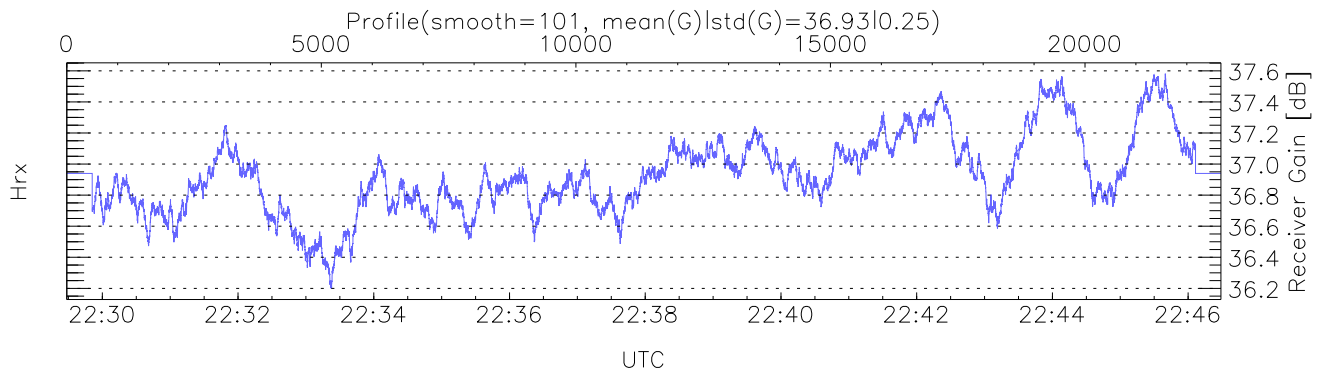
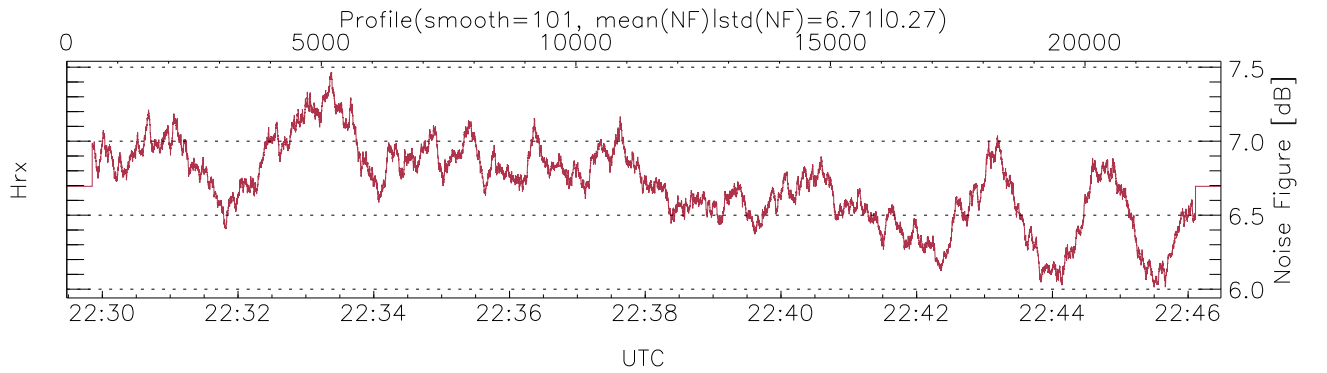
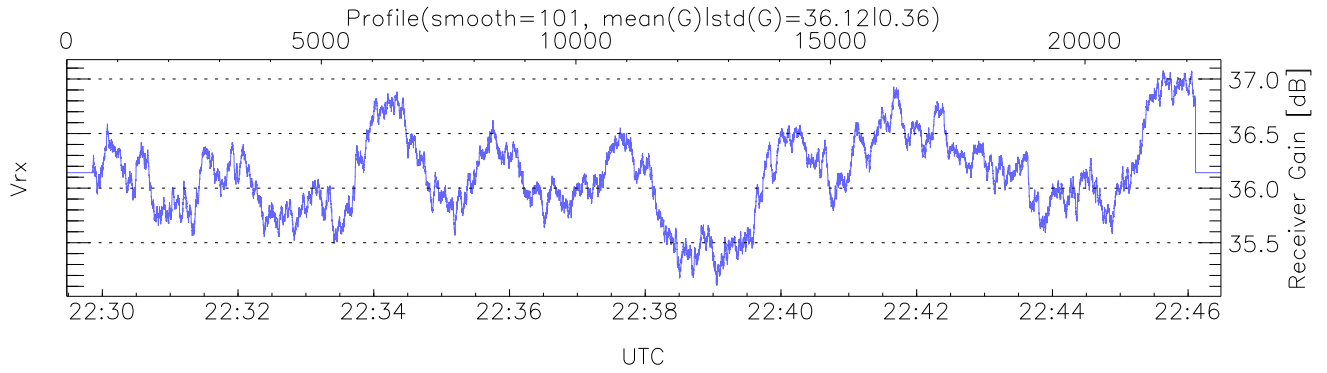
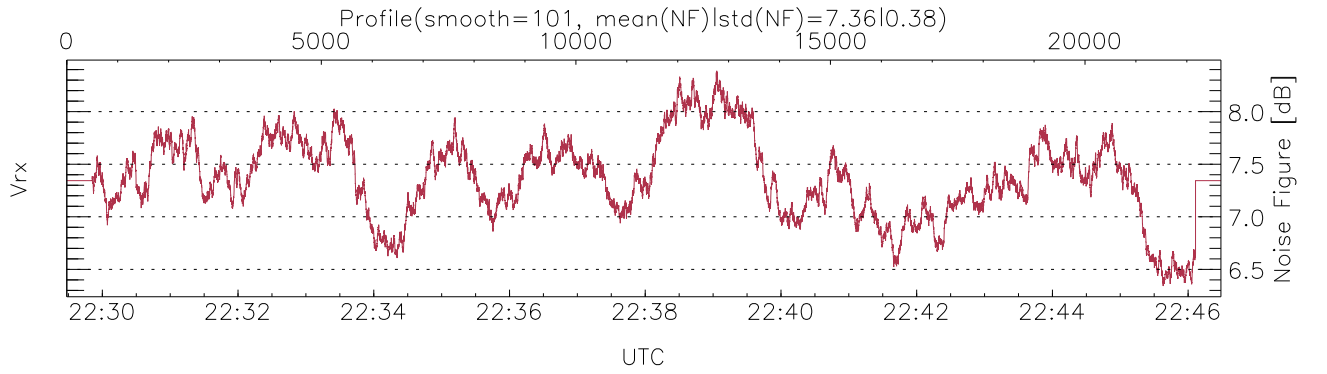
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:29:29-22:46:29, TimeCor: 0.00s, Dur: 1020.45s
 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): 22672/22672, 0-22671/22:29:29-22:46:29
 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,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



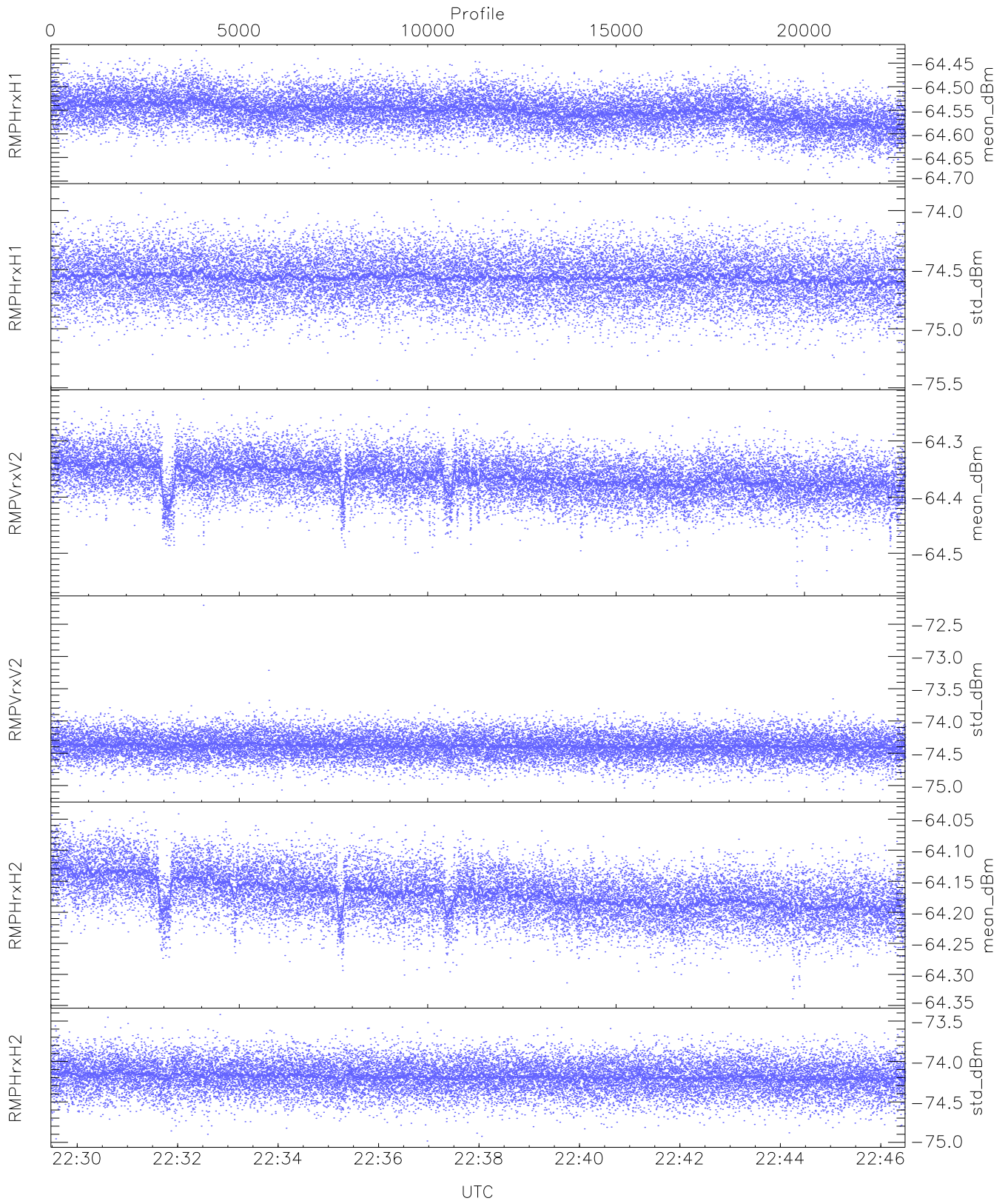
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,27,25,27
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,28,29,28,30
 LOalarm(20,240,2817,14861 MHz): 0,0,22,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,46,46,46,22)



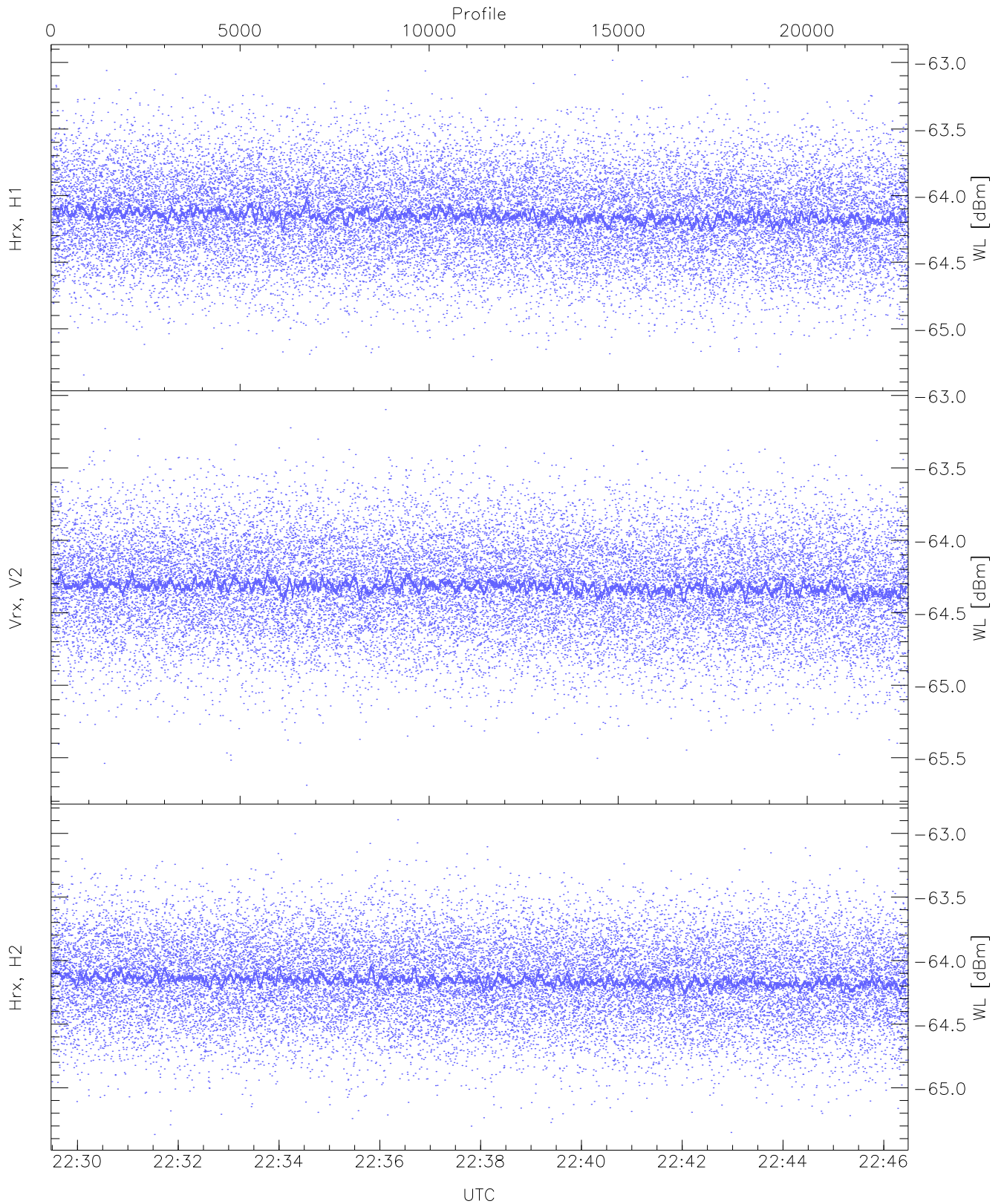
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 5216 pixs, 51 gates, 3219 profs, 2 prod(s)



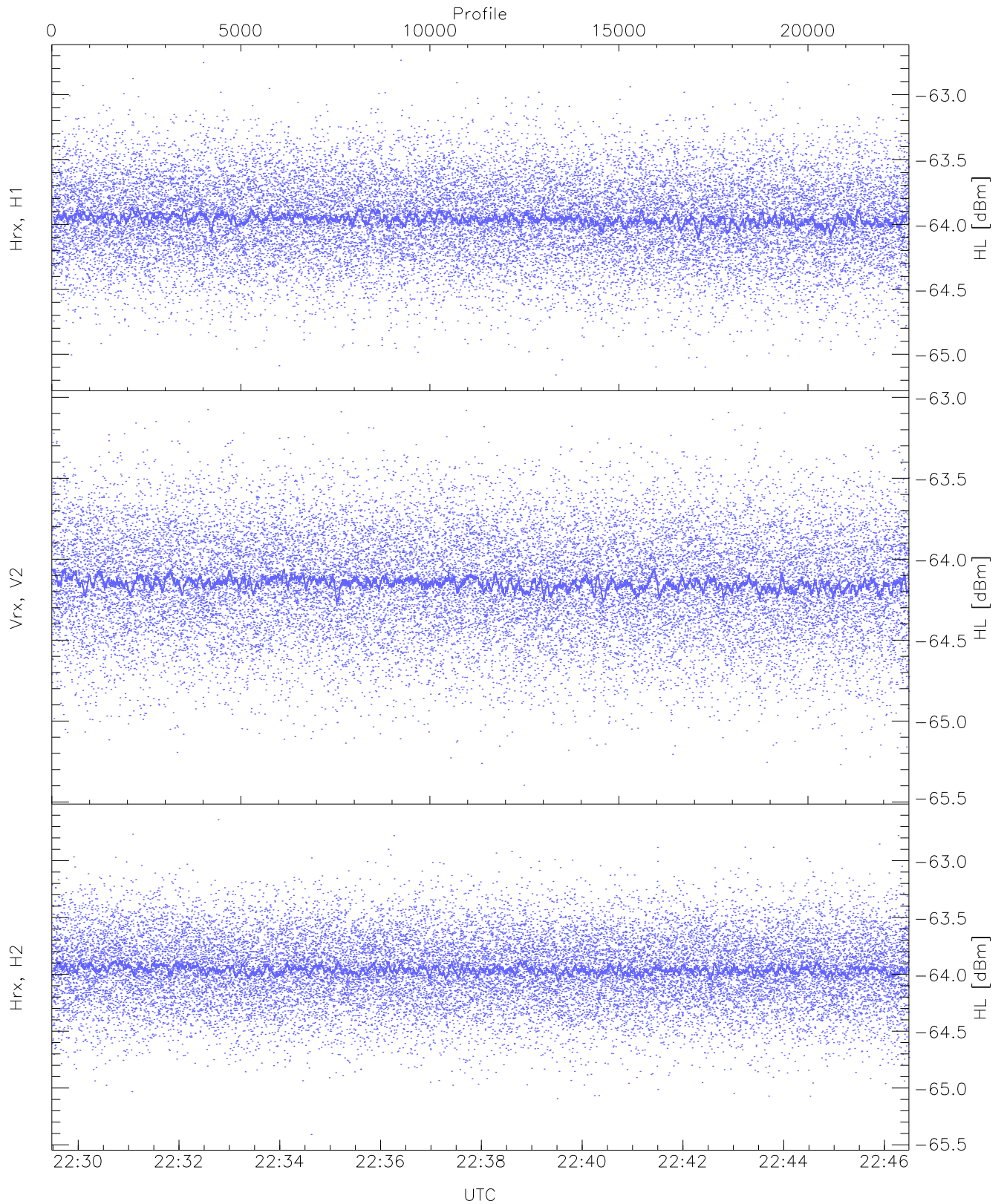
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-64.69	-64.42	-64.55	-64.55	-85.68
RMPHrxH1(std_dBm)	-75.44	-73.85	-74.57	-74.57	-88.36
RMPVrxV2(mean_dBm)	-64.56	-64.23	-64.36	-64.36	-85.36
RMPVrxV2(std_dBm)	-75.11	-72.21	-74.38	-74.39	-88.13
RMPHrxH2(mean_dBm)	-64.34	-64.04	-64.17	-64.17	-84.92
RMPHrxH2(std_dBm)	-74.98	-73.42	-74.19	-74.19	-87.93



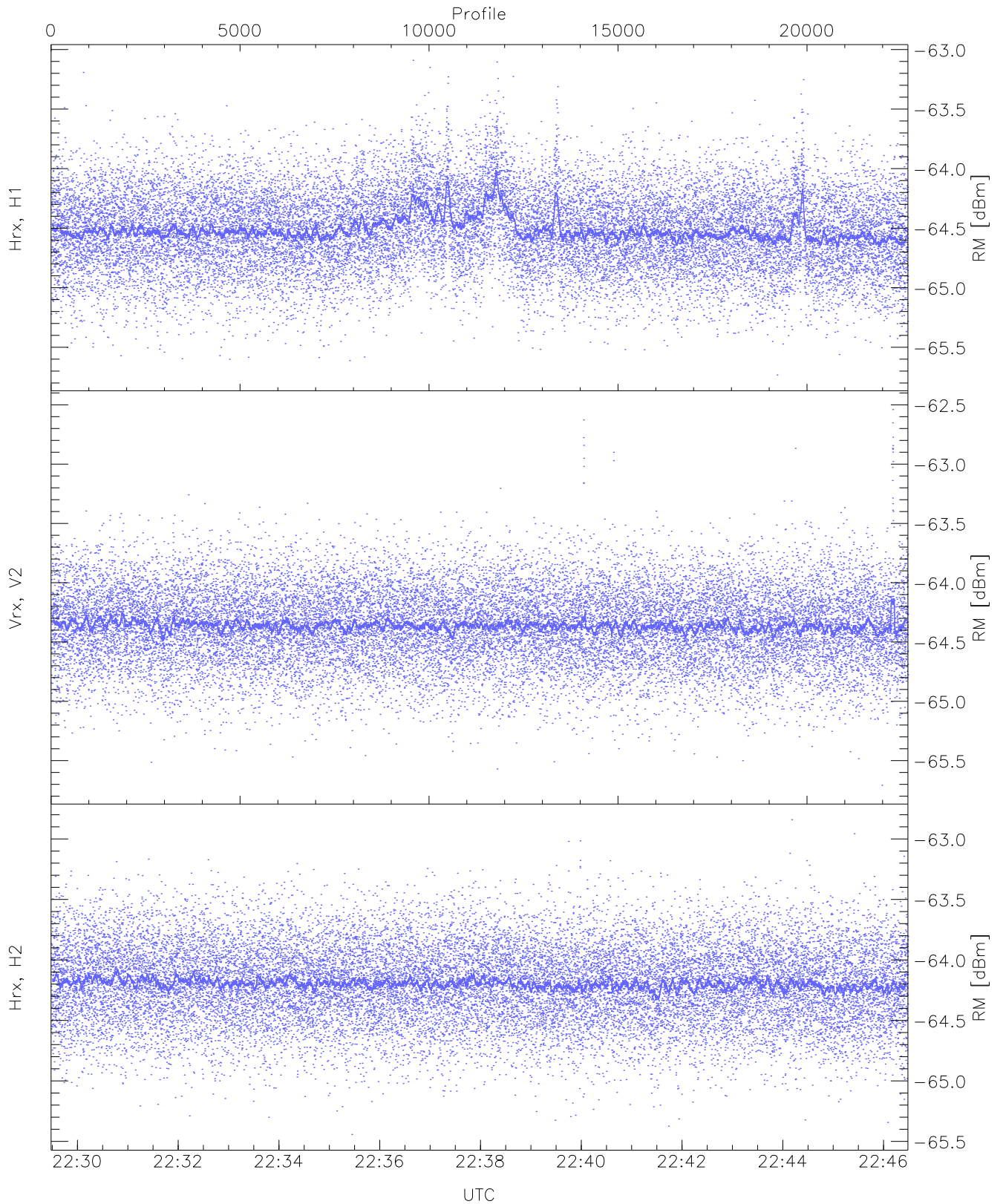
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.35	-62.98	-64.15	-64.16	-75.65
Vrx, V2 (WL [dBm])	-65.69	-63.10	-64.31	-64.32	-75.81
Hrx, H2 (WL [dBm])	-65.37	-62.89	-64.15	-64.16	-75.66



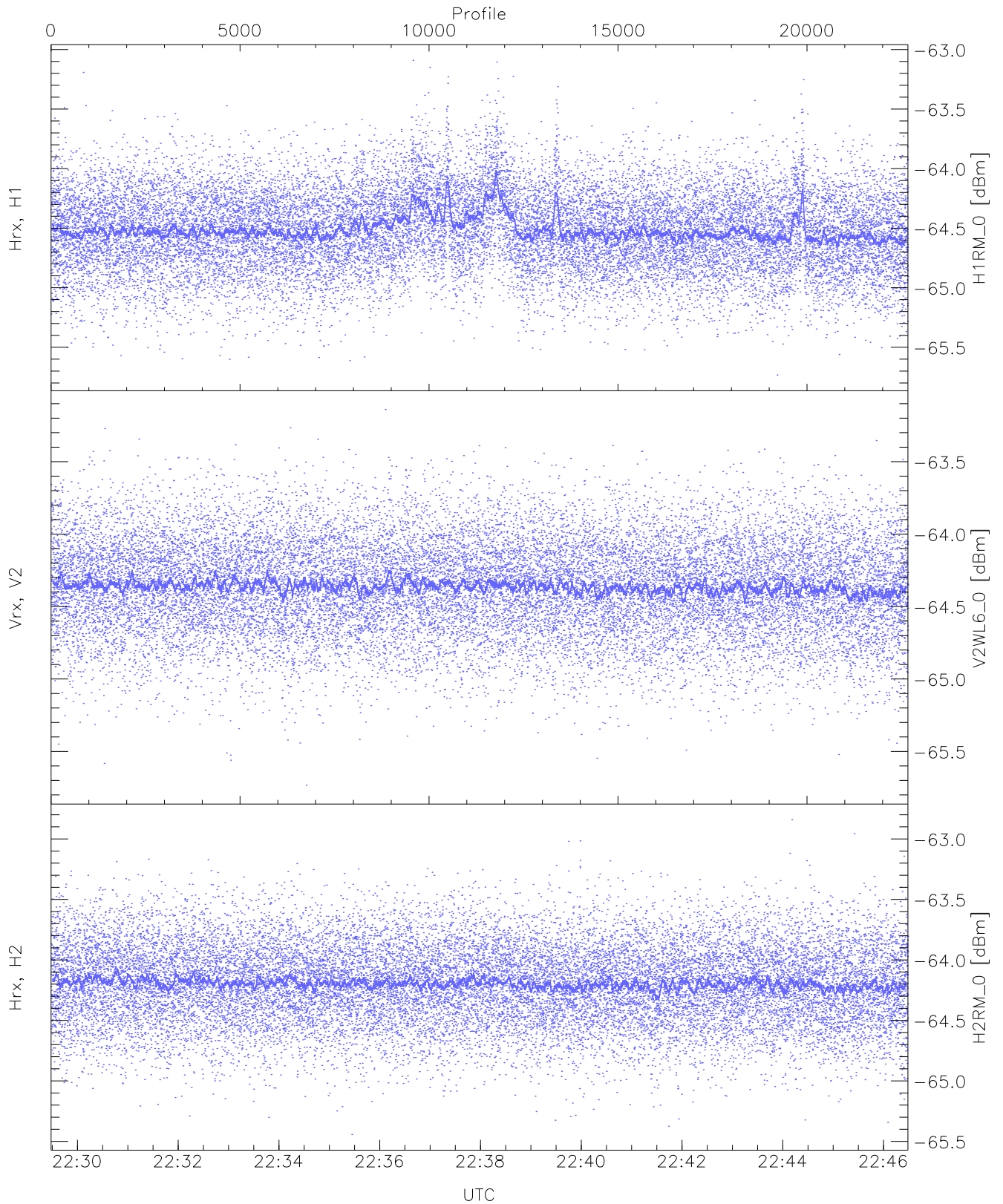
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.16	-62.74	-63.95	-63.96	-75.44
Vrx, V2 (HL [dBm])	-65.40	-63.08	-64.14	-64.15	-75.61
Hrx, H2 (HL [dBm])	-65.41	-62.64	-63.95	-63.96	-75.43



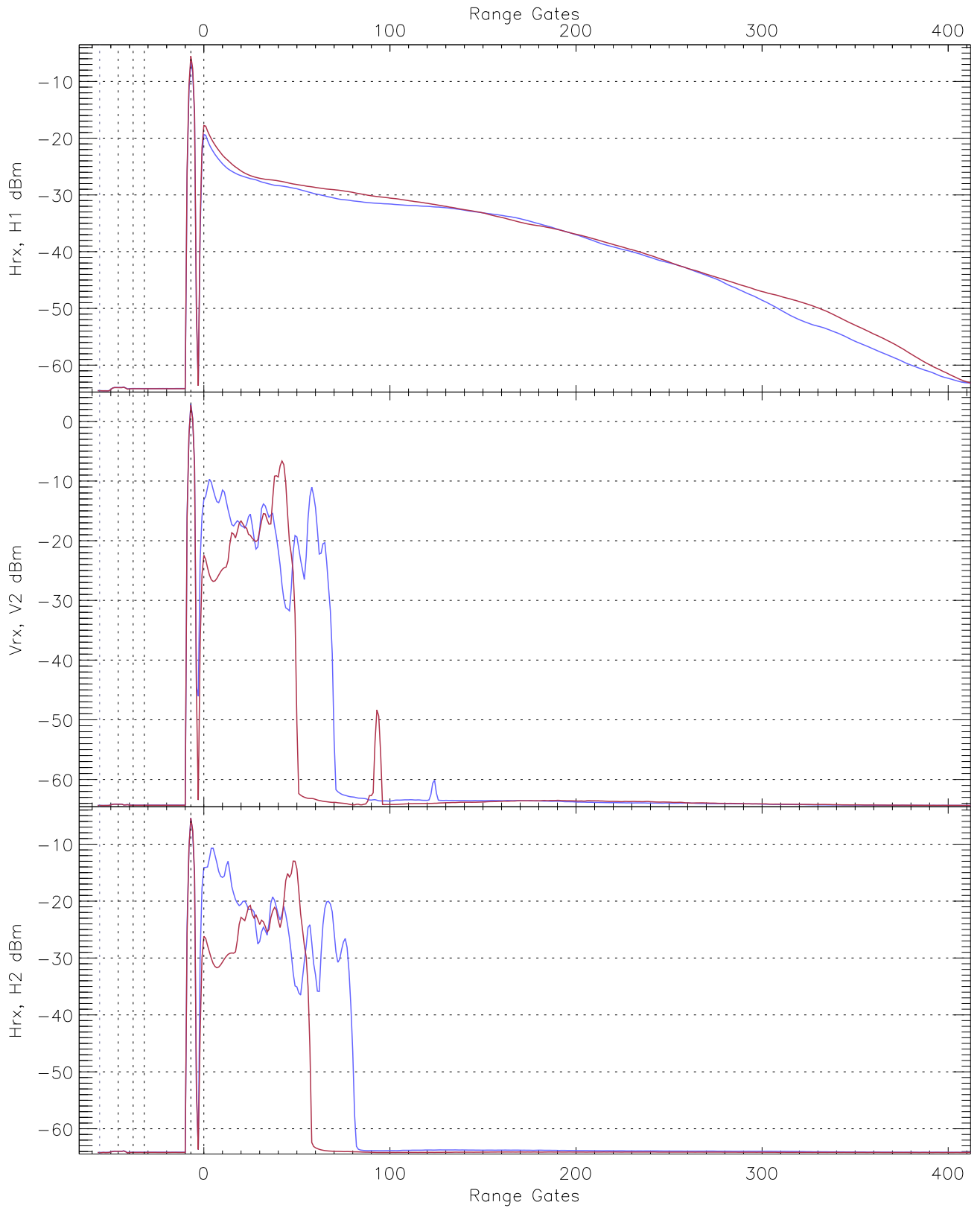
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.73	-63.09	-64.50	-64.52	-75.80
Vrx, V2 (RM [dBm])	-65.71	-62.54	-64.35	-64.36	-75.77
Hrx, H2 (RM [dBm])	-65.44	-62.84	-64.19	-64.20	-75.64

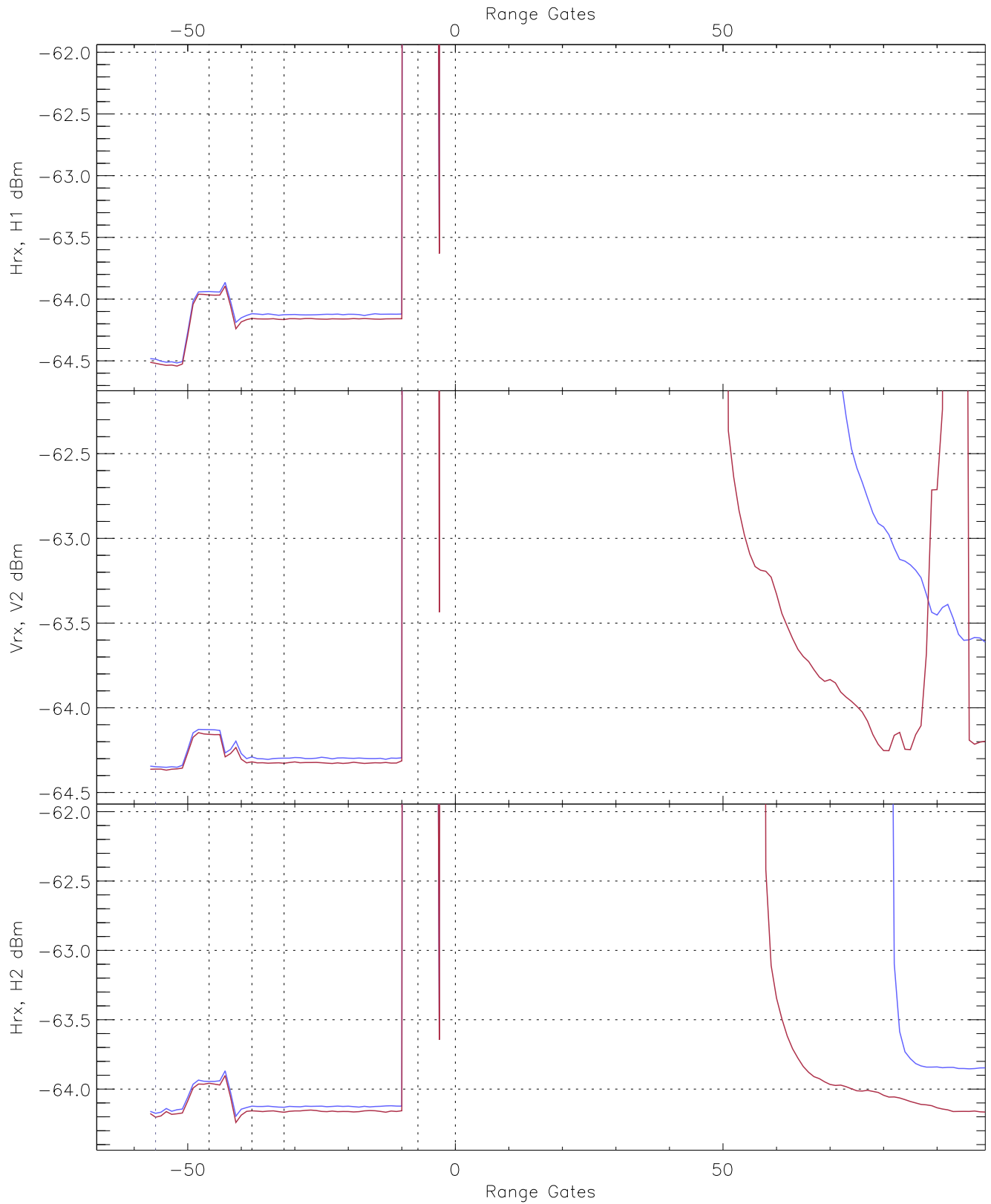


WCR3 CPP "Best" estimate Receivers Noise Power

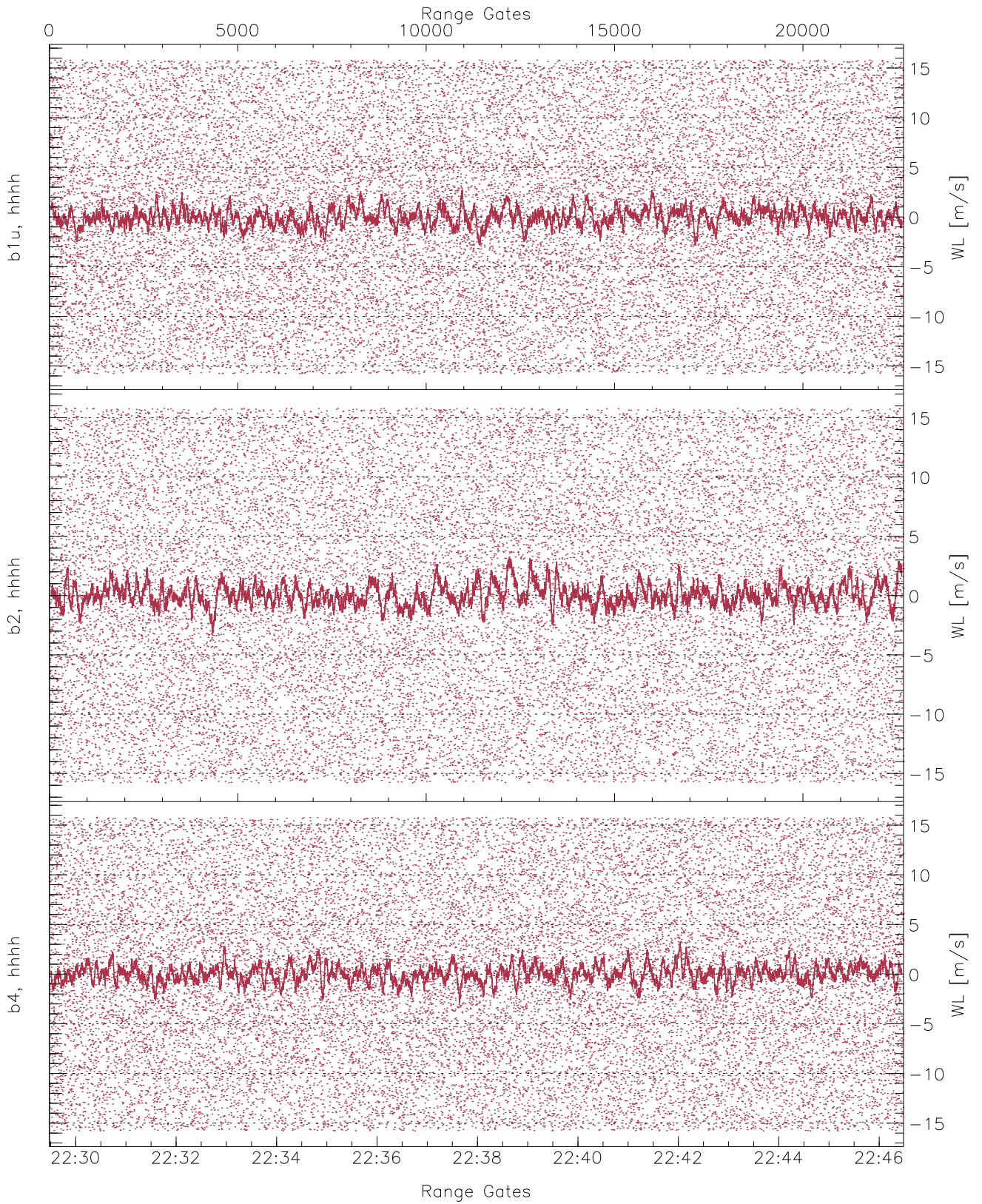
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-65.73	-63.09	-64.50	-64.52	-75.80
V2WL6_0 [dBm]	-65.73	-63.14	-64.36	-64.36	-75.85
H2RM_0 [dBm]	-65.44	-62.84	-64.19	-64.20	-75.64



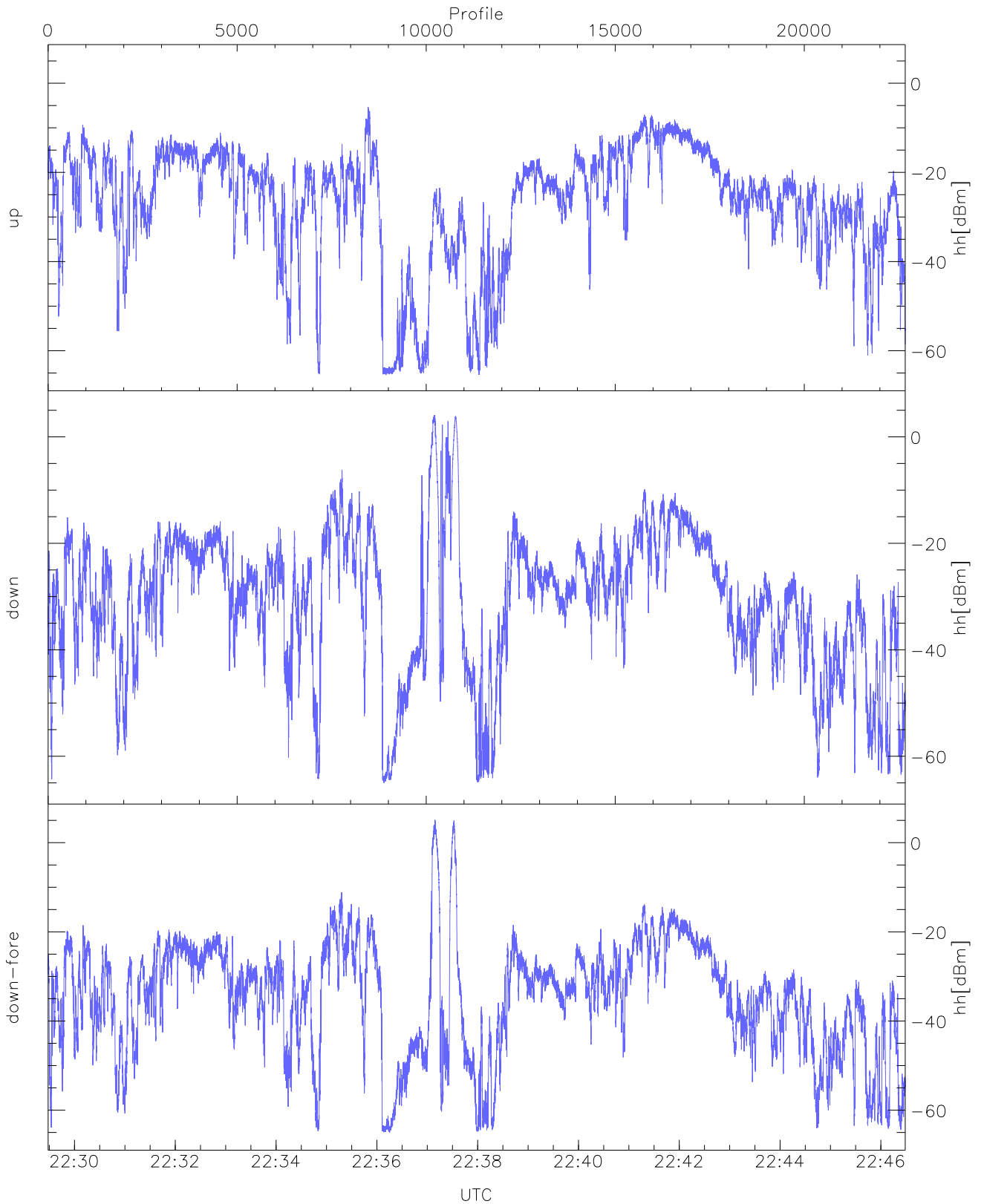
WCR3 CPP Averaged Received power for all recorded gates
blue: 222929-223759, 11337 profiles averaged
red: 223759-224629, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 222929-223759, 11337 profiles averaged
red: 223759-224629, 11336 profiles averaged

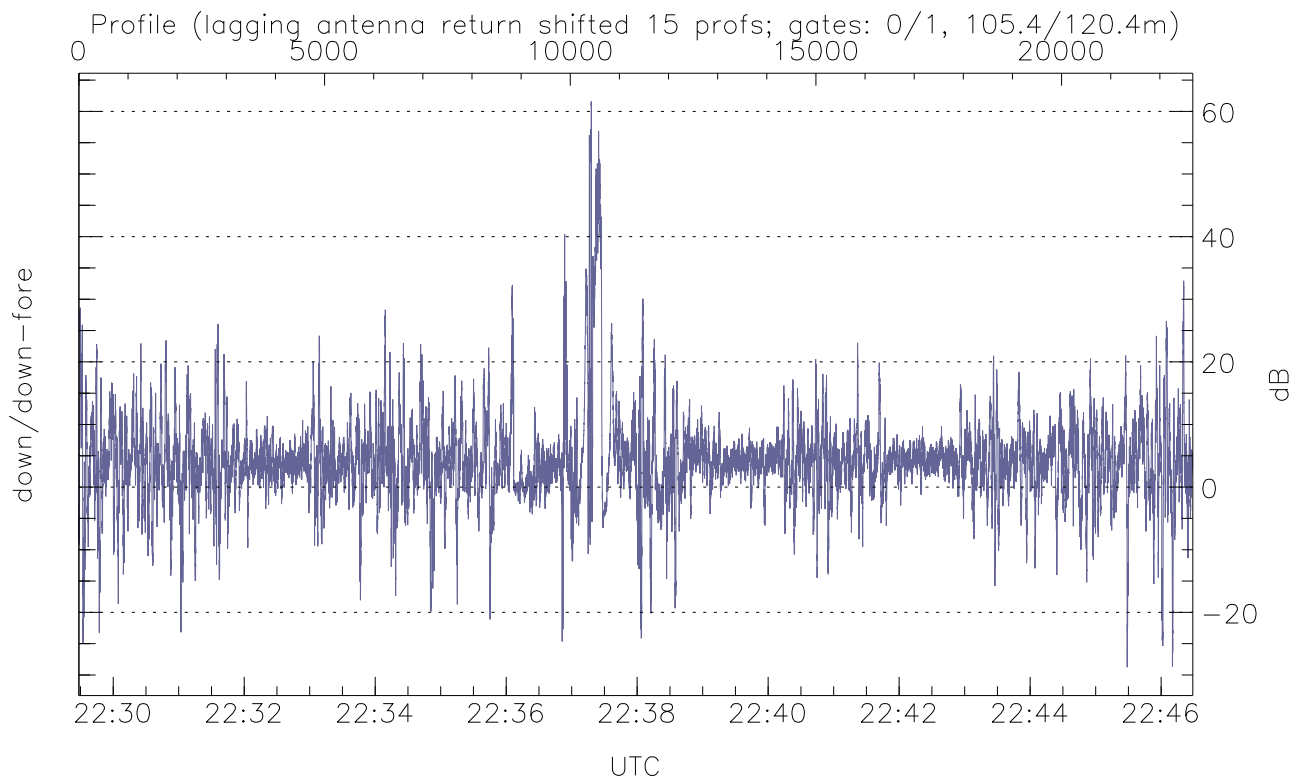
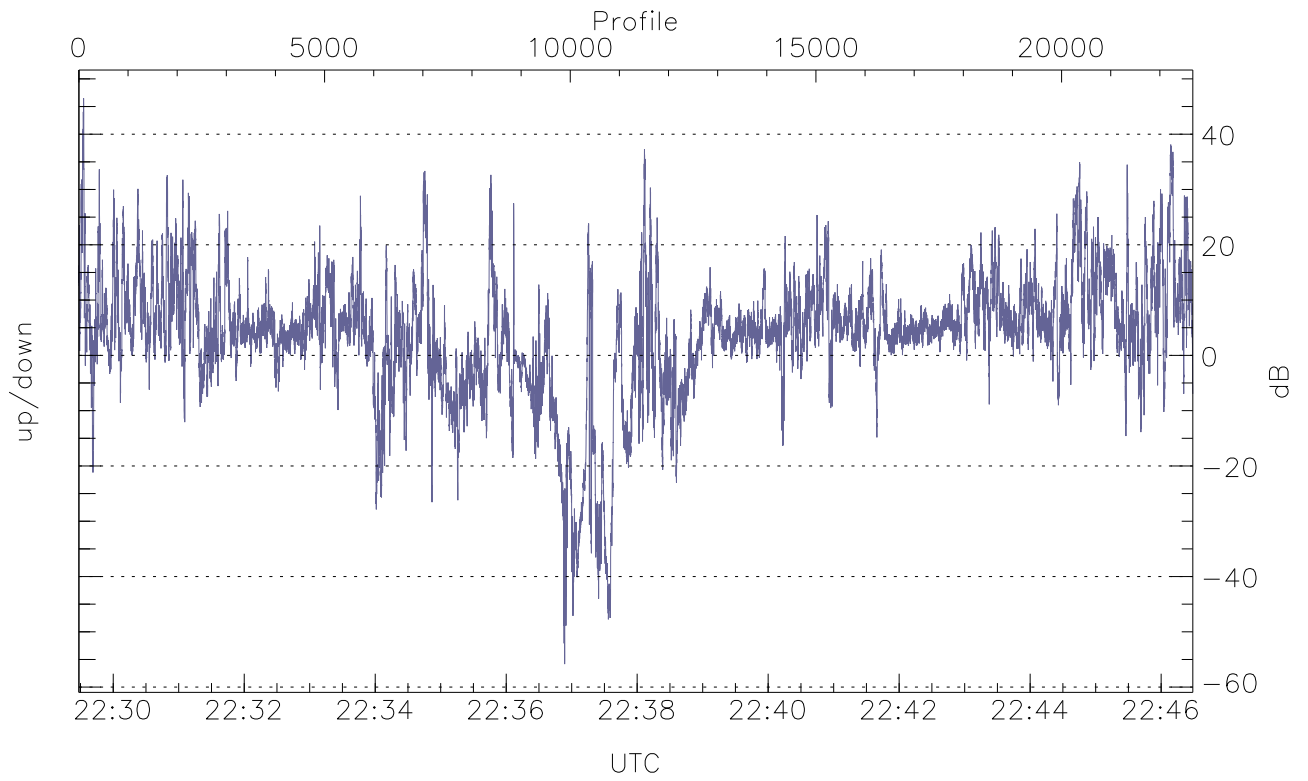


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



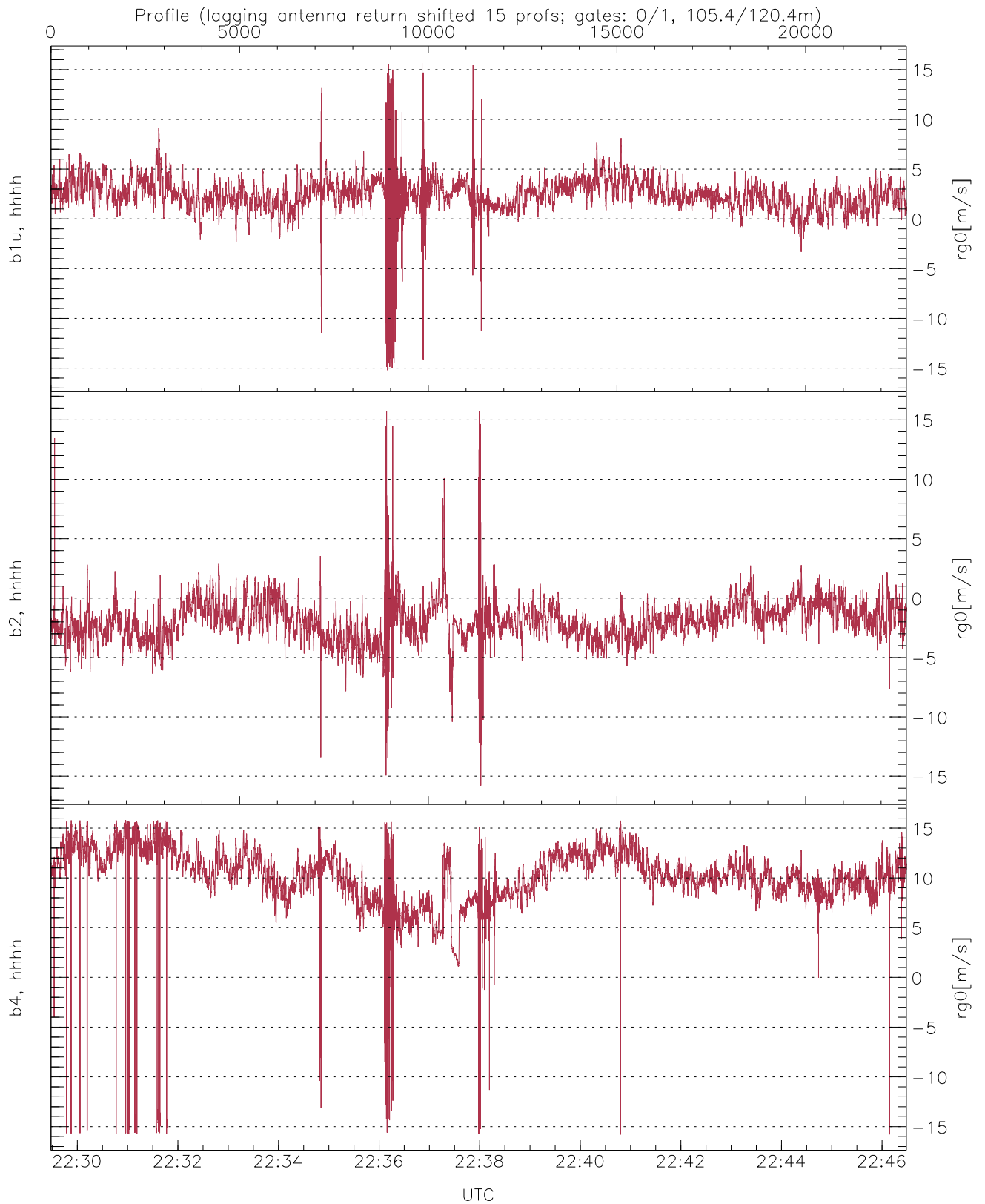
WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.45	-5.32	-18.49
down(hh[dBm])	-65.00	4.10	-15.65
down-fore(hh[dBm])	-65.04	5.14	-16.87



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down (dB)	-55.83	46.49	3.69
down/down-fore (dB)	-28.77	61.58	4.26



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.22	15.66	2.42	1.69
b2, hhhh(rg0[m/s])	-15.78	15.75	-1.91	1.62
b4, hhhh(rg0[m/s])	-15.79	15.79	10.04	3.21