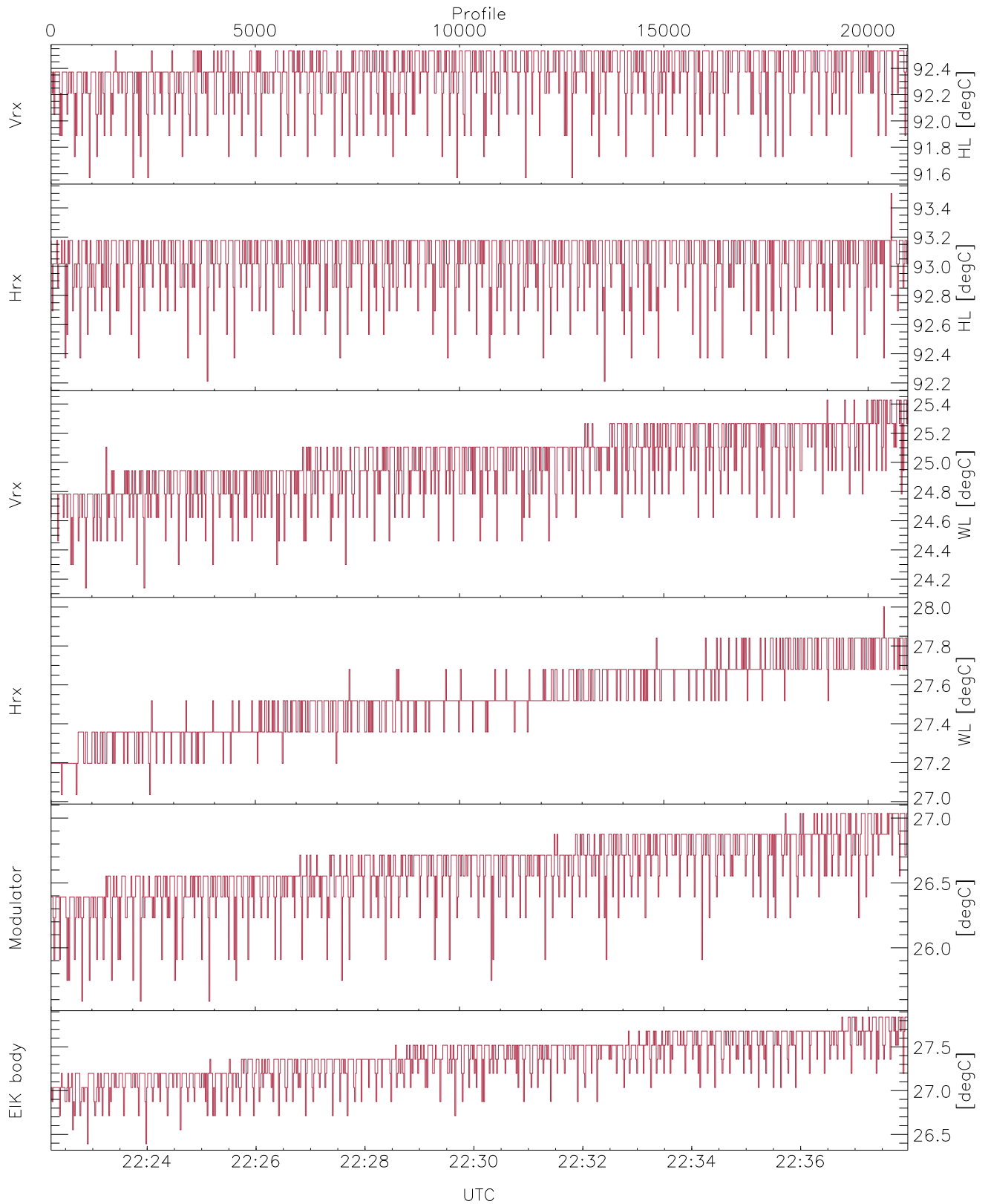


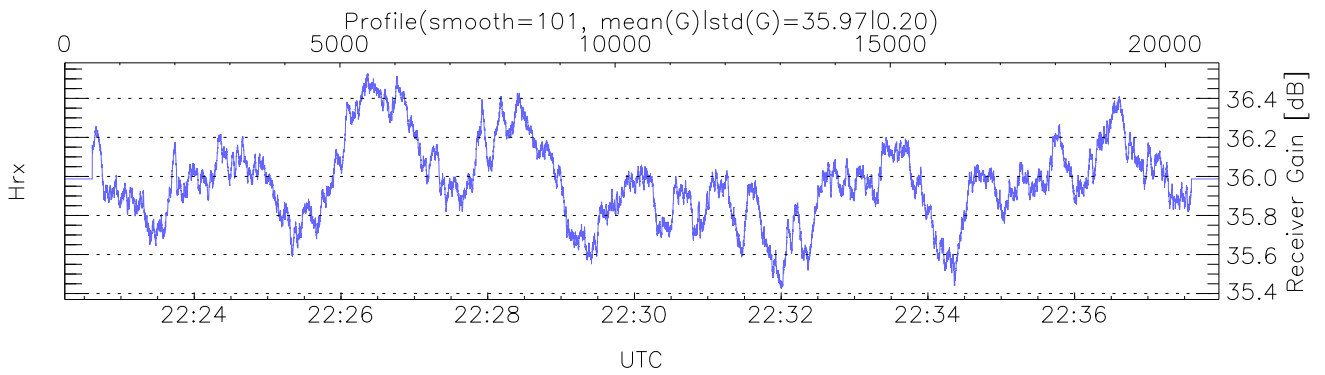
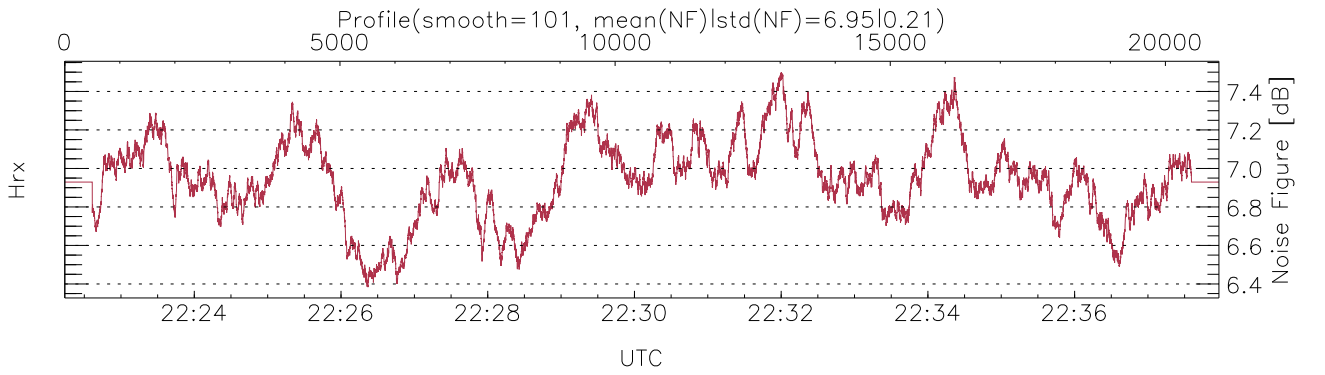
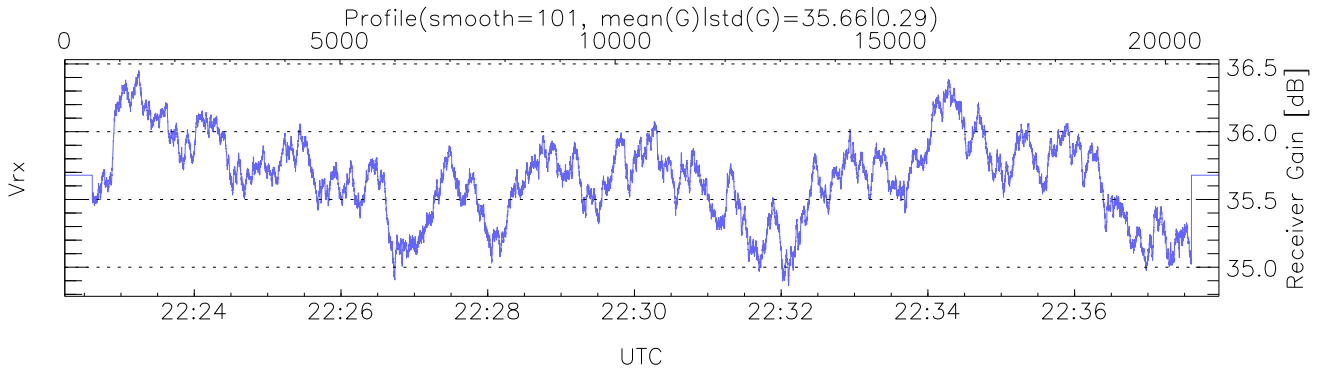
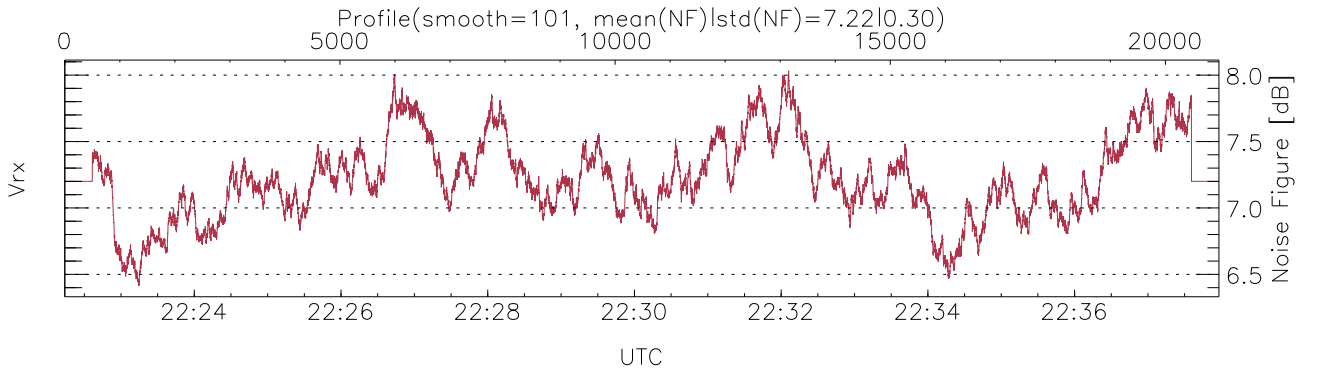
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:22:14-22:37:58, TimeCor: 0.00s, Dur: 944.02s
 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): 20974/20974, 0-20973/22:22:14-22:37:58
 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



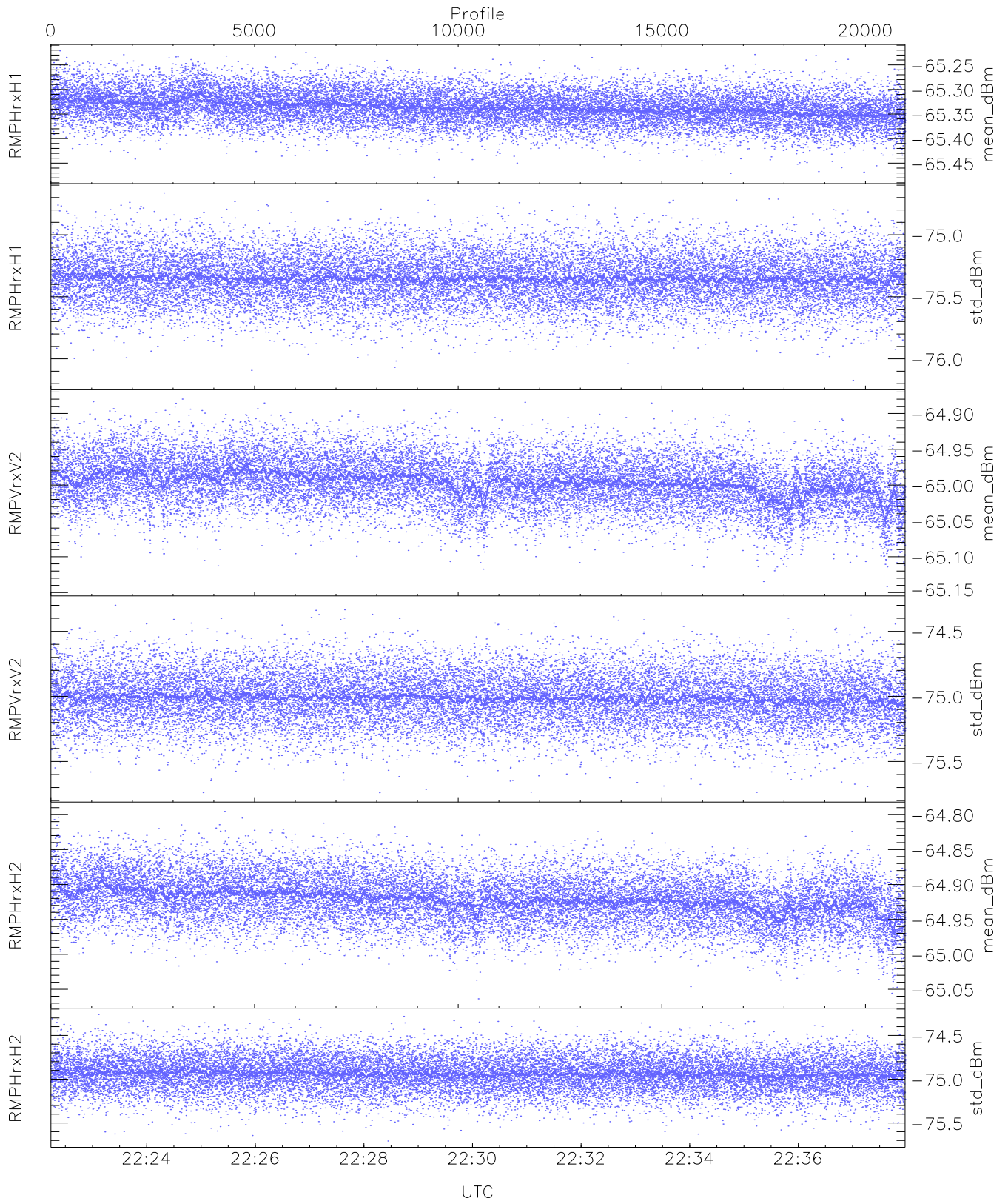
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,27,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,28,27,27
LOalarm(20,240,2817,14861 MHz): 0,0,90,0
EIK/Modulator Faults: None



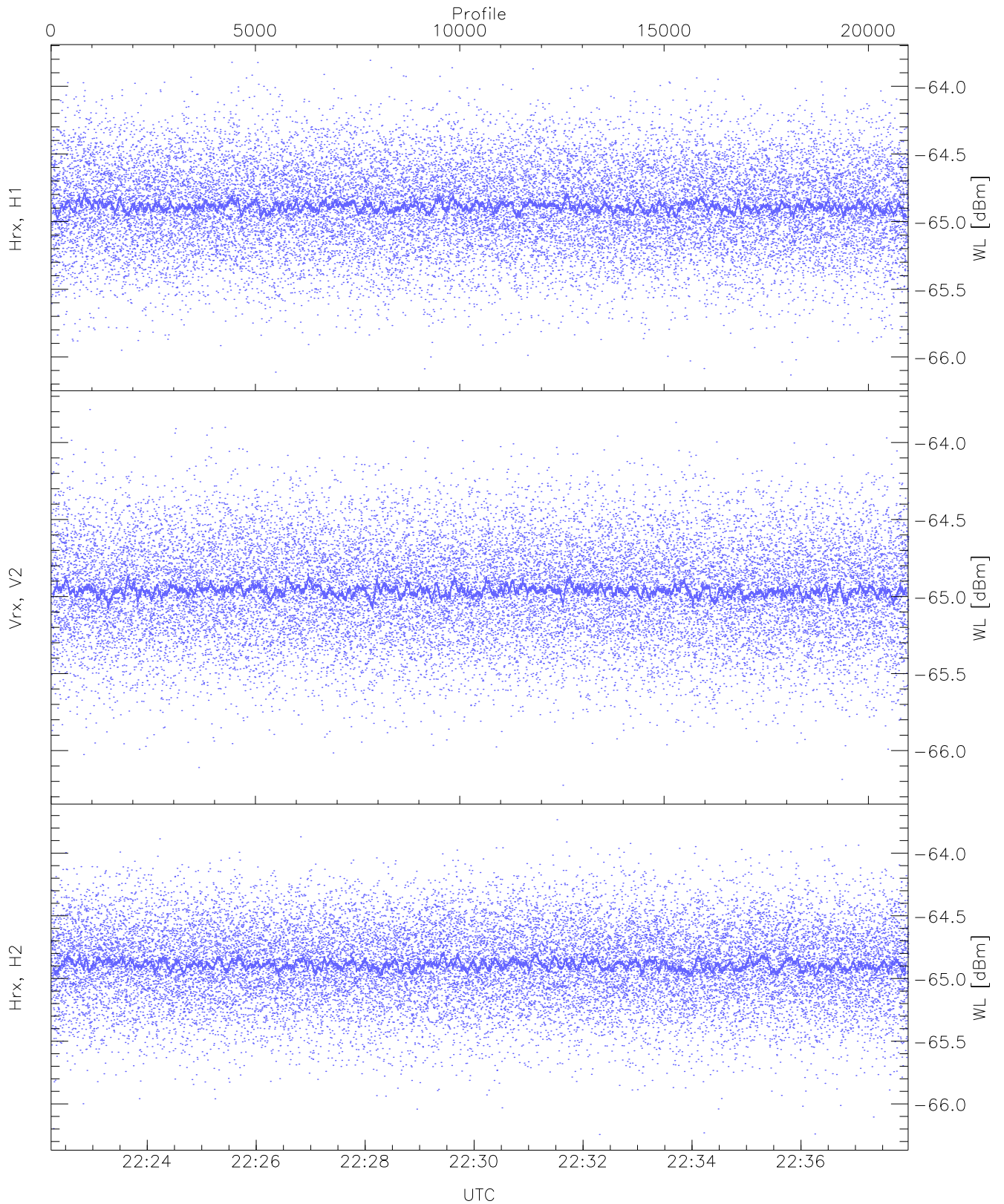
WCR3 CPP Receivers Gain and Noise Figure

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



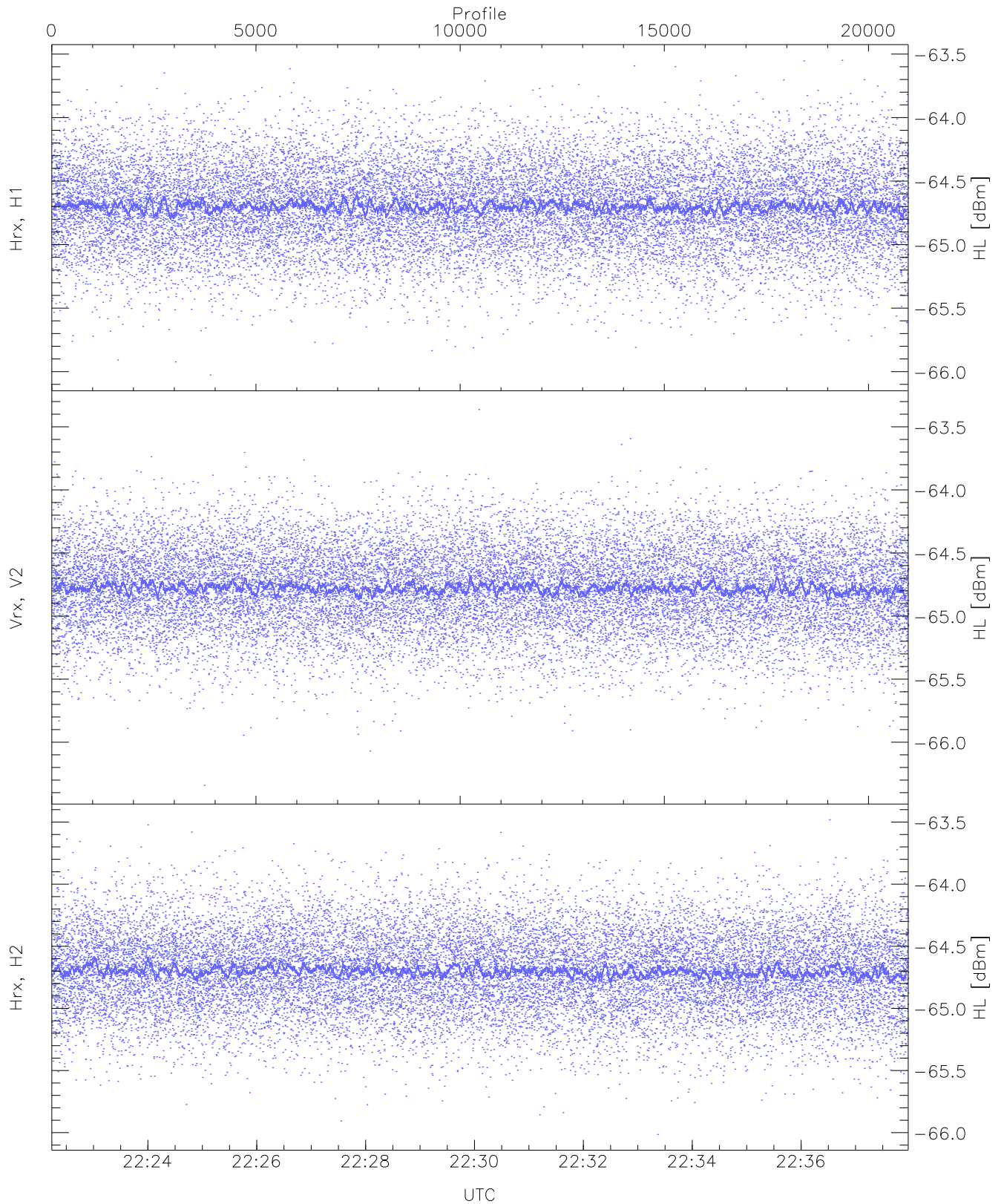
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.48	-65.22	-65.34	-65.34	-86.73
RMPHrxH1 (std_dBm)	-76.17	-74.66	-75.35	-75.36	-89.14
RMPVrxV2 (mean_dBm)	-65.14	-64.88	-65.00	-65.00	-86.23
RMPVrxV2 (std_dBm)	-75.74	-74.30	-75.01	-75.01	-88.81
RMPHrxH2 (mean_dBm)	-65.06	-64.80	-64.92	-64.92	-86.19
RMPHrxH2 (std_dBm)	-75.71	-74.26	-74.94	-74.94	-88.67



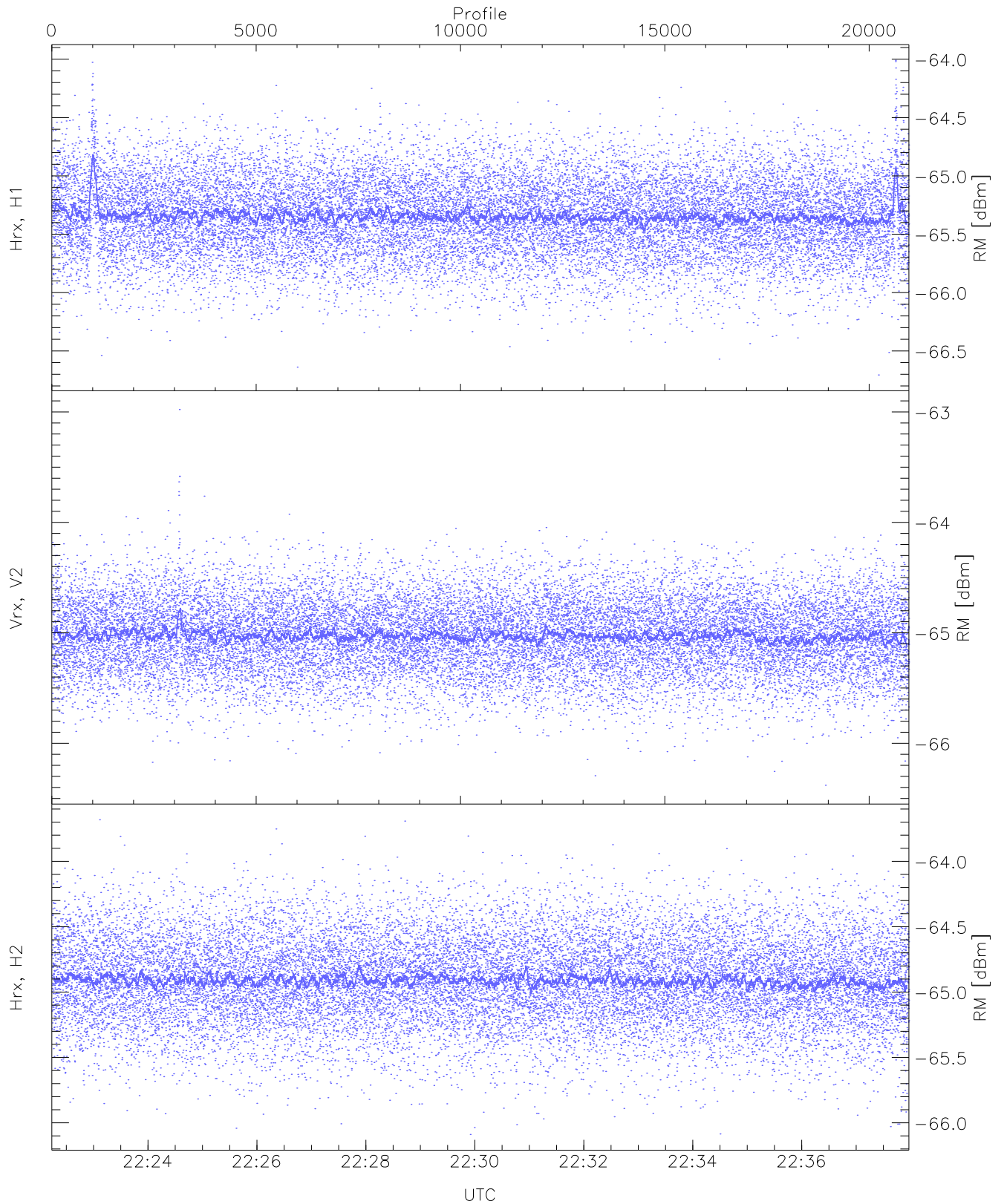
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.13	-63.81	-64.88	-64.89	-76.35
Vrx, V2 (WL [dBm])	-66.23	-63.79	-64.95	-64.96	-76.44
Hrx, H2 (WL [dBm])	-66.24	-63.73	-64.88	-64.89	-76.37



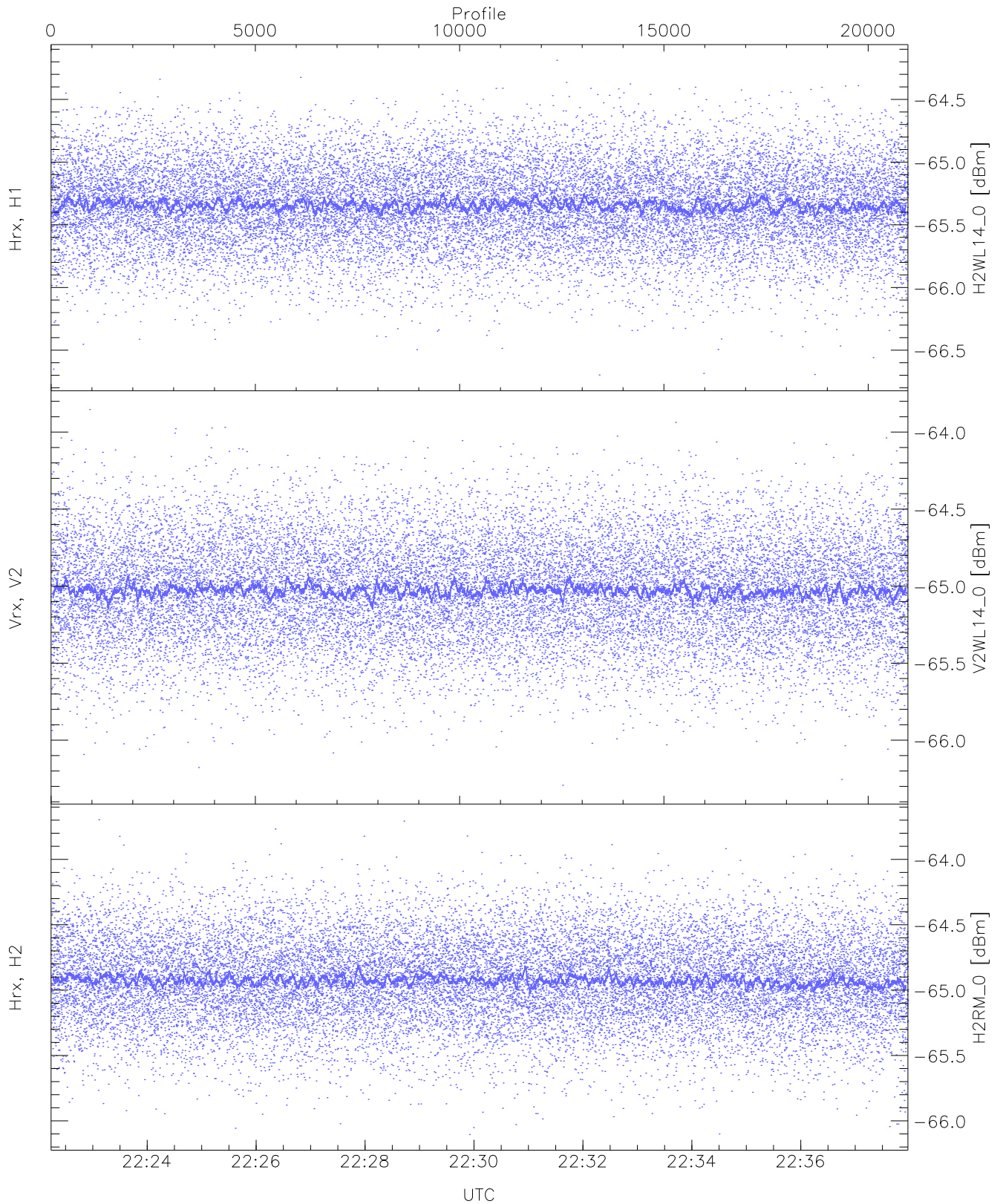
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.03	-63.55	-64.69	-64.70	-76.18
Vrx, V2 (HL [dBm])	-66.34	-63.36	-64.77	-64.78	-76.26
Hrx, H2 (HL [dBm])	-66.01	-63.48	-64.69	-64.70	-76.19



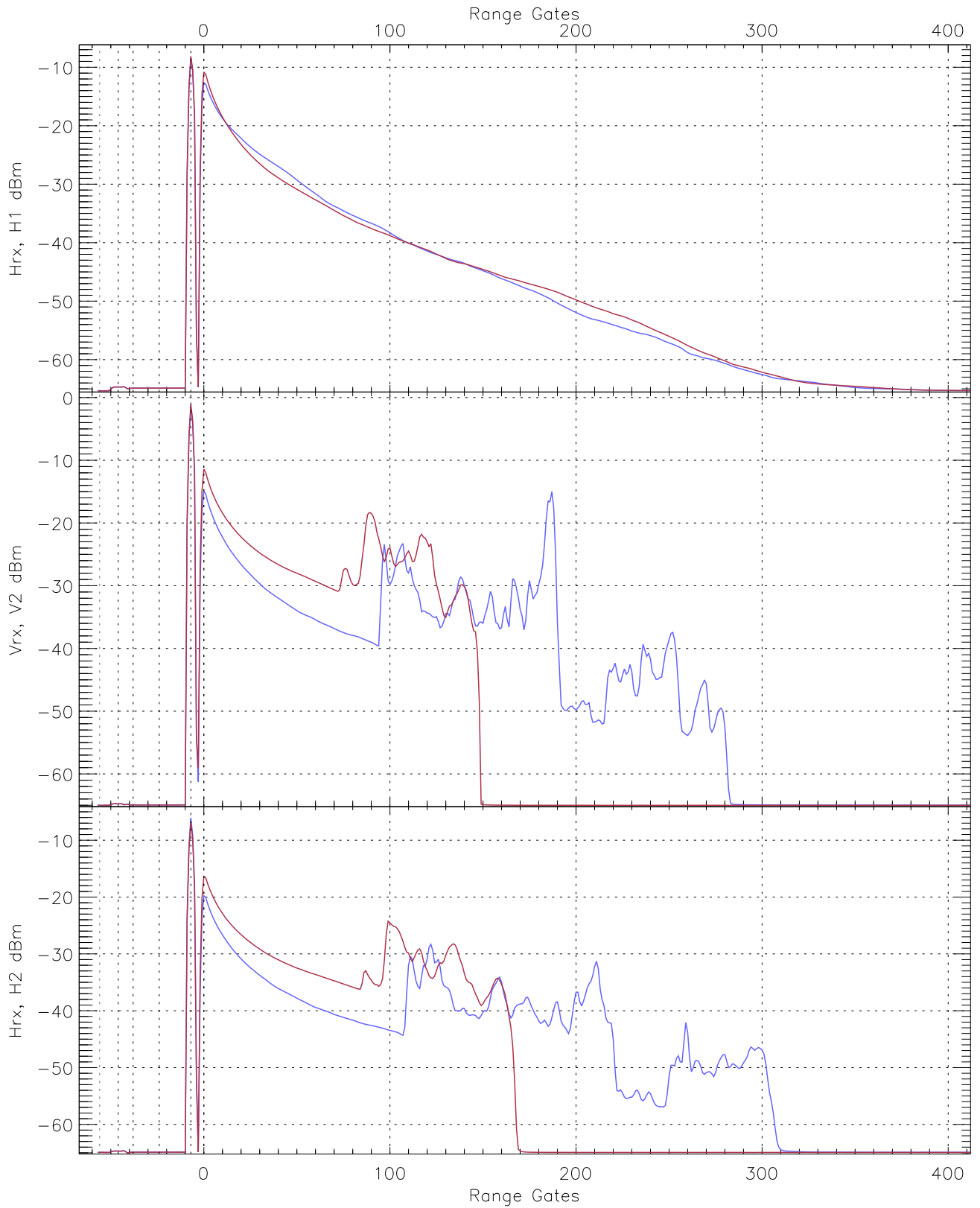
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.71	-64.01	-65.34	-65.34	-76.73
Vrx, V2 (RM [dBm])	-66.38	-62.98	-65.02	-65.02	-76.50
Hrx, H2 (RM [dBm])	-66.09	-63.68	-64.90	-64.91	-76.42

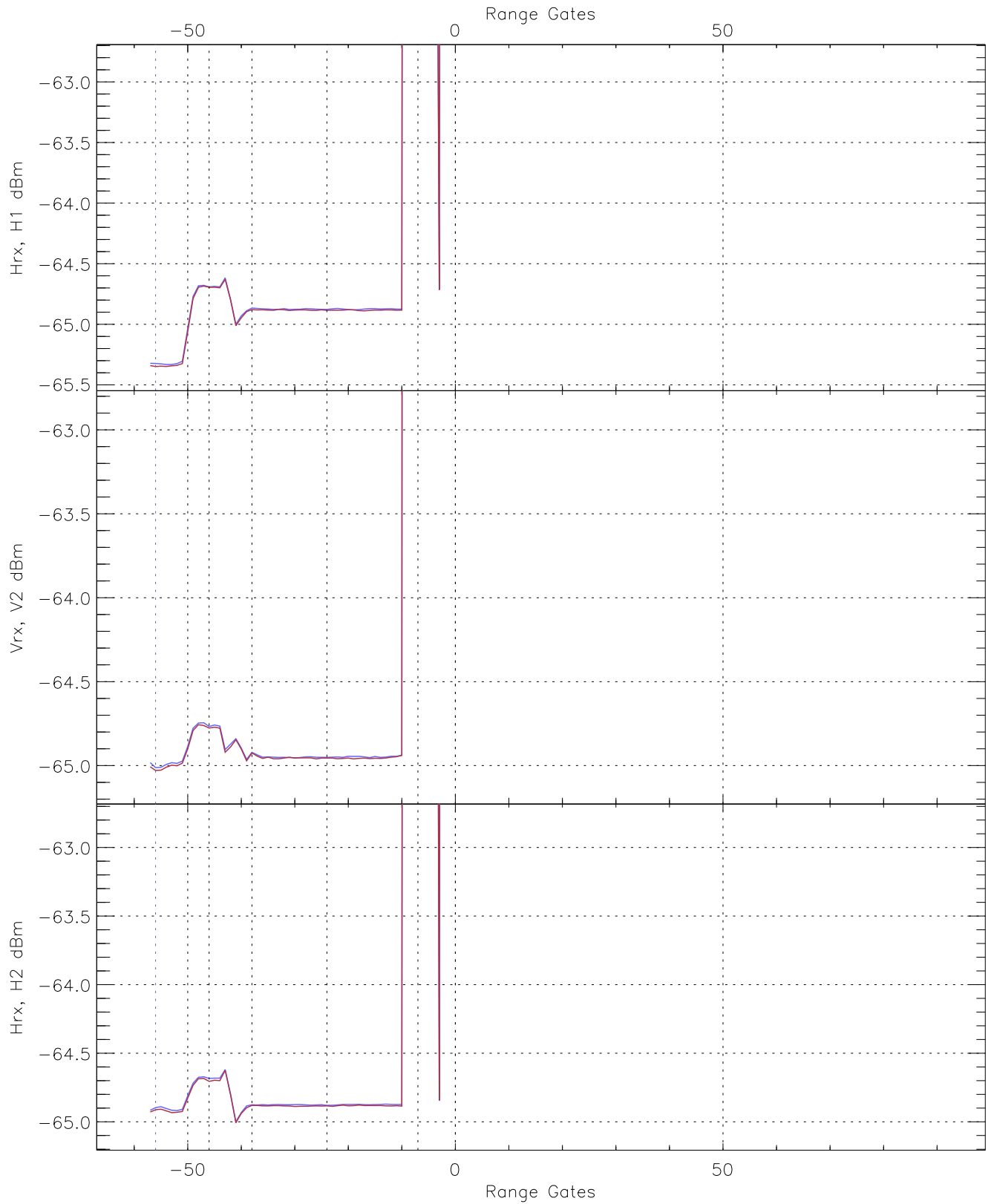


WCR3 CPP "Best" estimate Receivers Noise Power

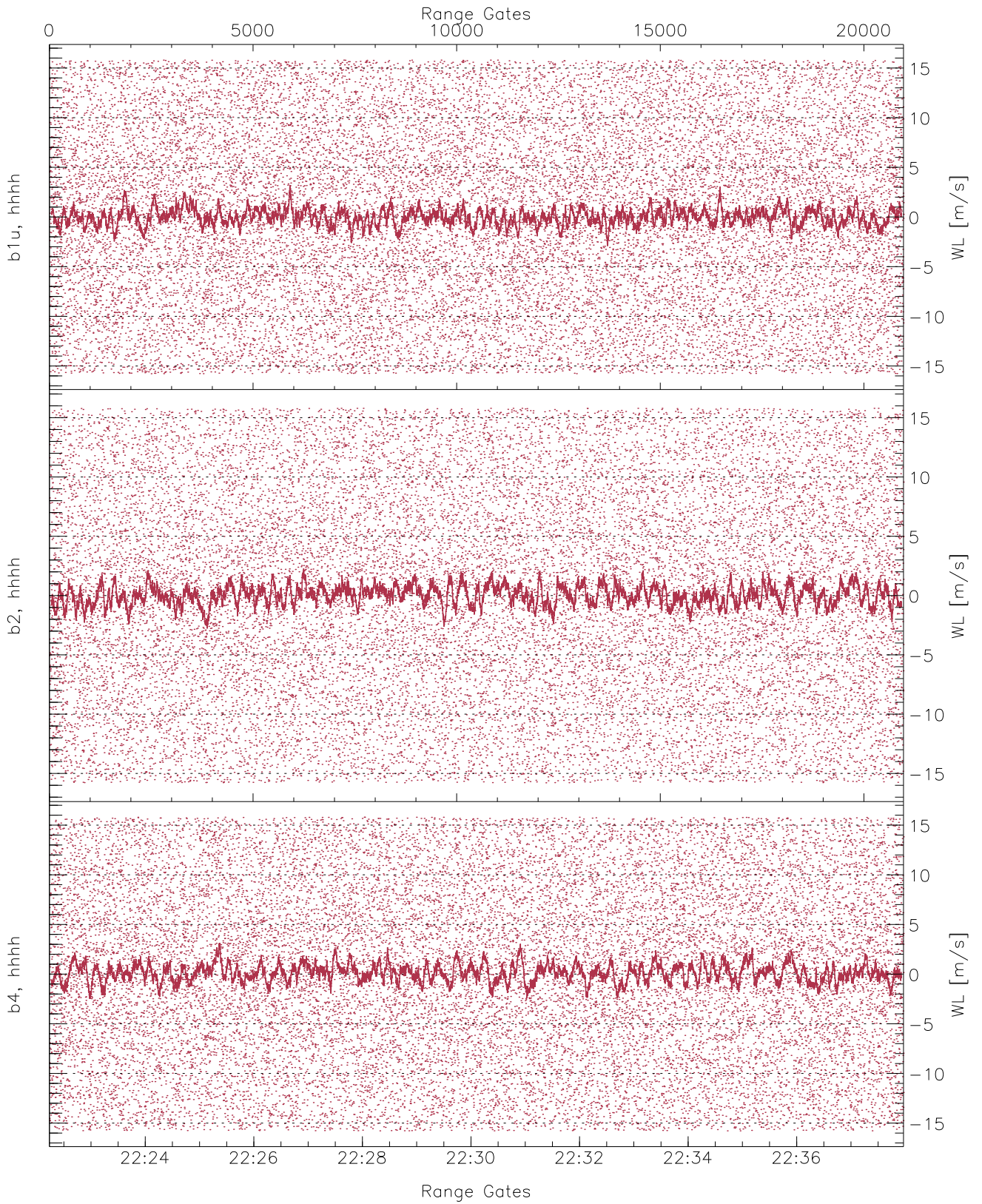
	Min	Max	Mean	Median	StDev
H2WL14_0 [dBm]	-66.70	-64.19	-65.34	-65.34	-76.83
V2WL14_0 [dBm]	-66.29	-63.85	-65.02	-65.03	-76.51
H2RM_0 [dBm]	-66.10	-63.70	-64.92	-64.93	-76.43



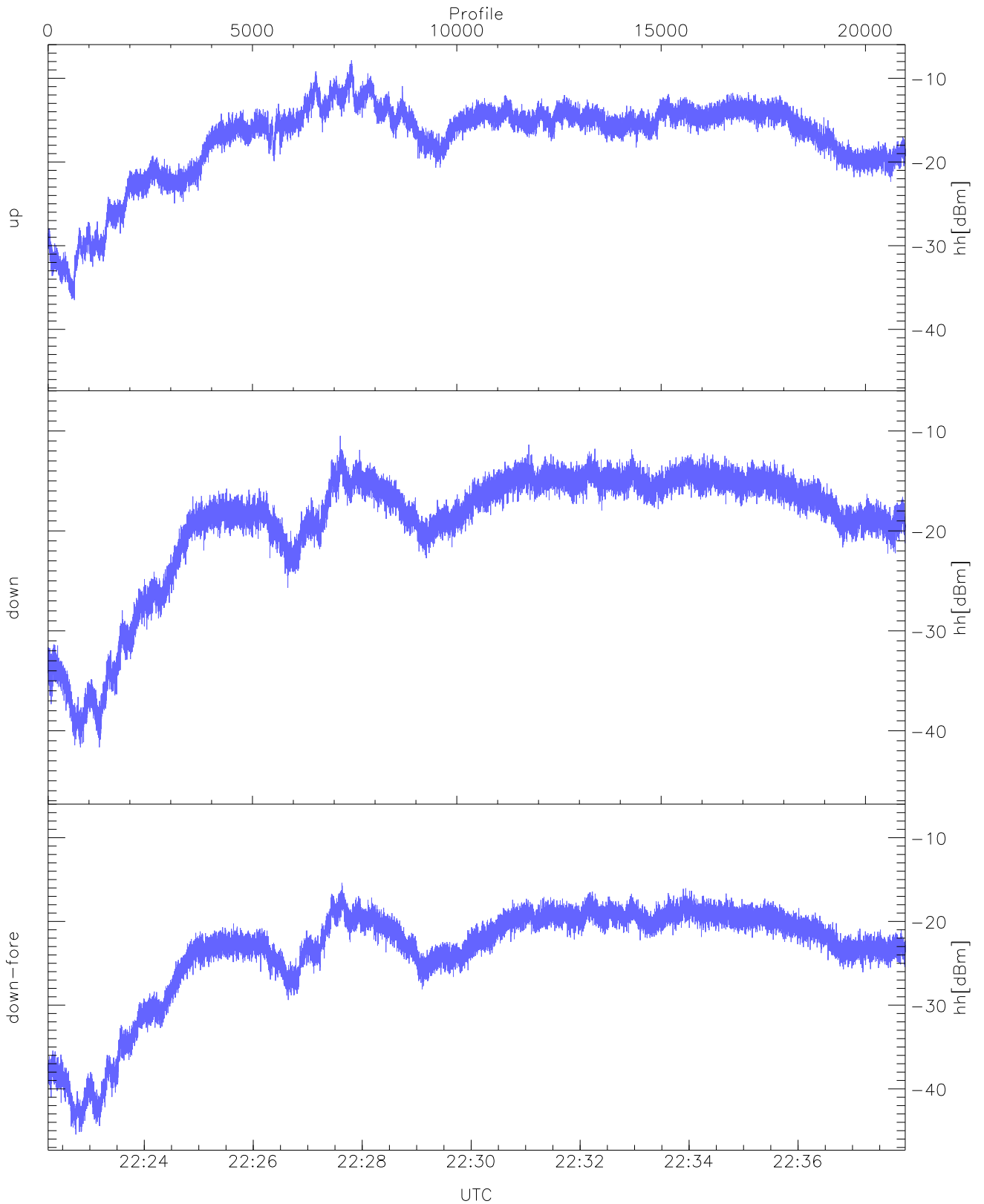
WCR3 CPP Averaged Received power for all recorded gates
blue: 222214-223006, 10488 profiles averaged
red: 223006-223758, 10487 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 222214-223006, 10488 profiles averaged
red: 223006-223758, 10487 profiles averaged

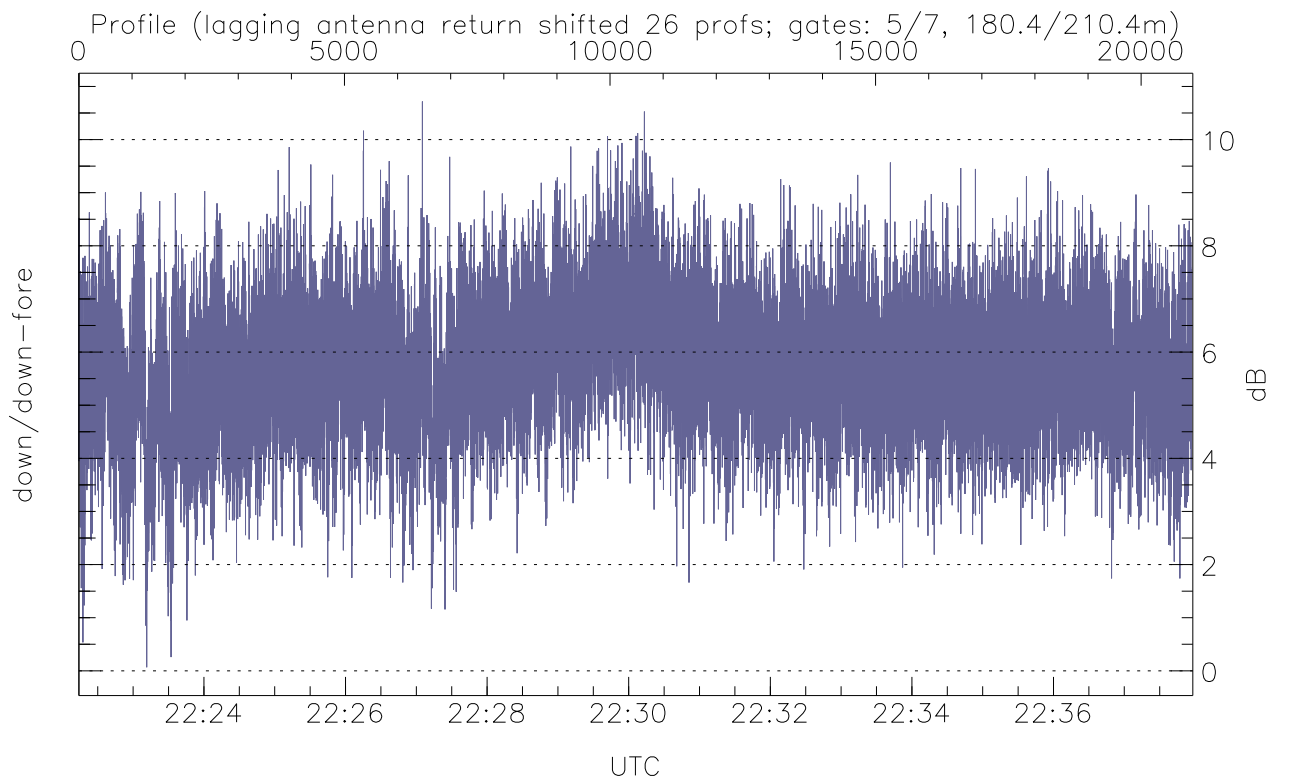
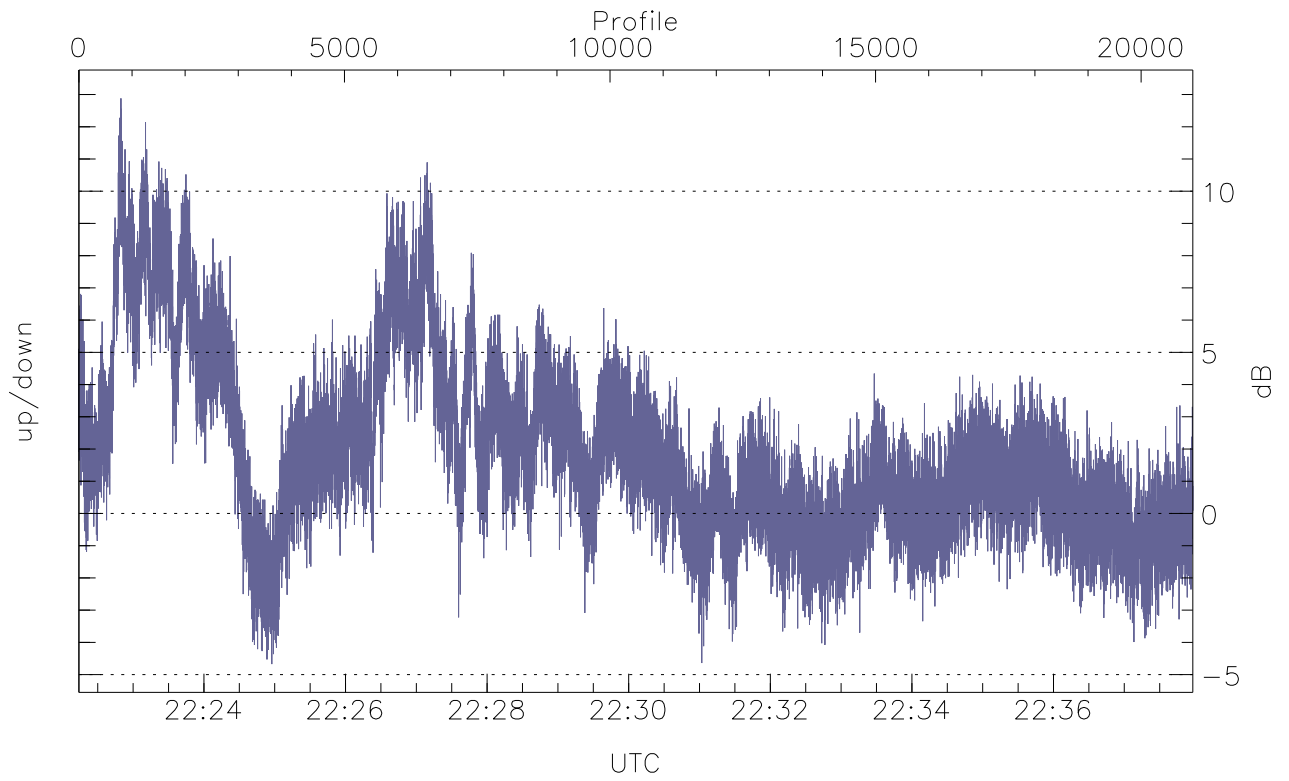


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



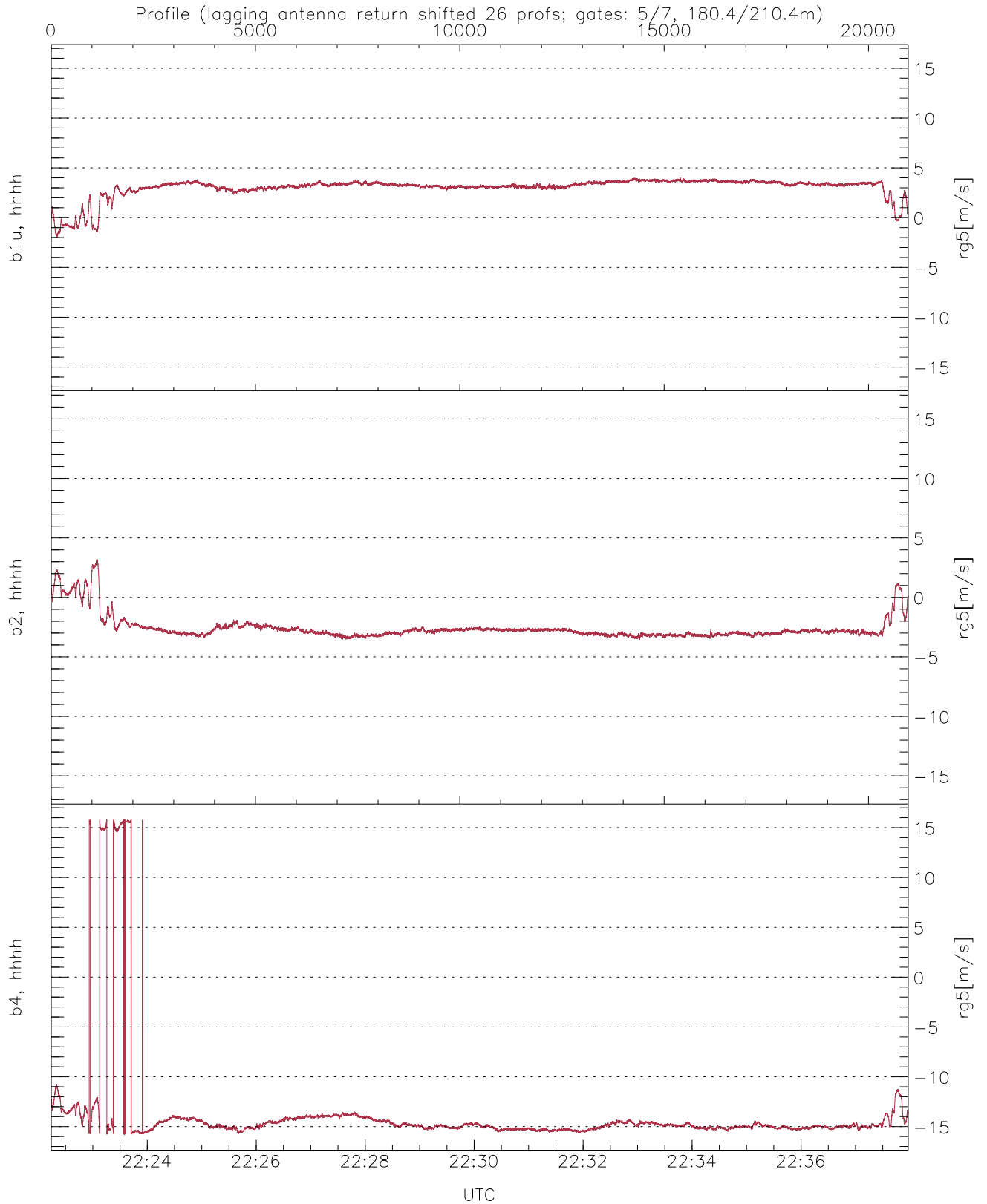
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-36.50	-7.85	-15.57
down(hh[dBm])	-41.65	-10.50	-16.94
down-fore(hh[dBm])	-45.45	-15.41	-21.44



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

	Min	Max	Mean
up/down (dB)	-4.67	12.88	1.90
down/down-fore (dB)	0.07	10.72	5.73



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.95	4.00	3.01	1.01
b2, hhhh(rg5[m/s])	-3.55	3.24	-2.58	1.05
b4, hhhh(rg5[m/s])	-15.79	15.79	-13.84	5.09