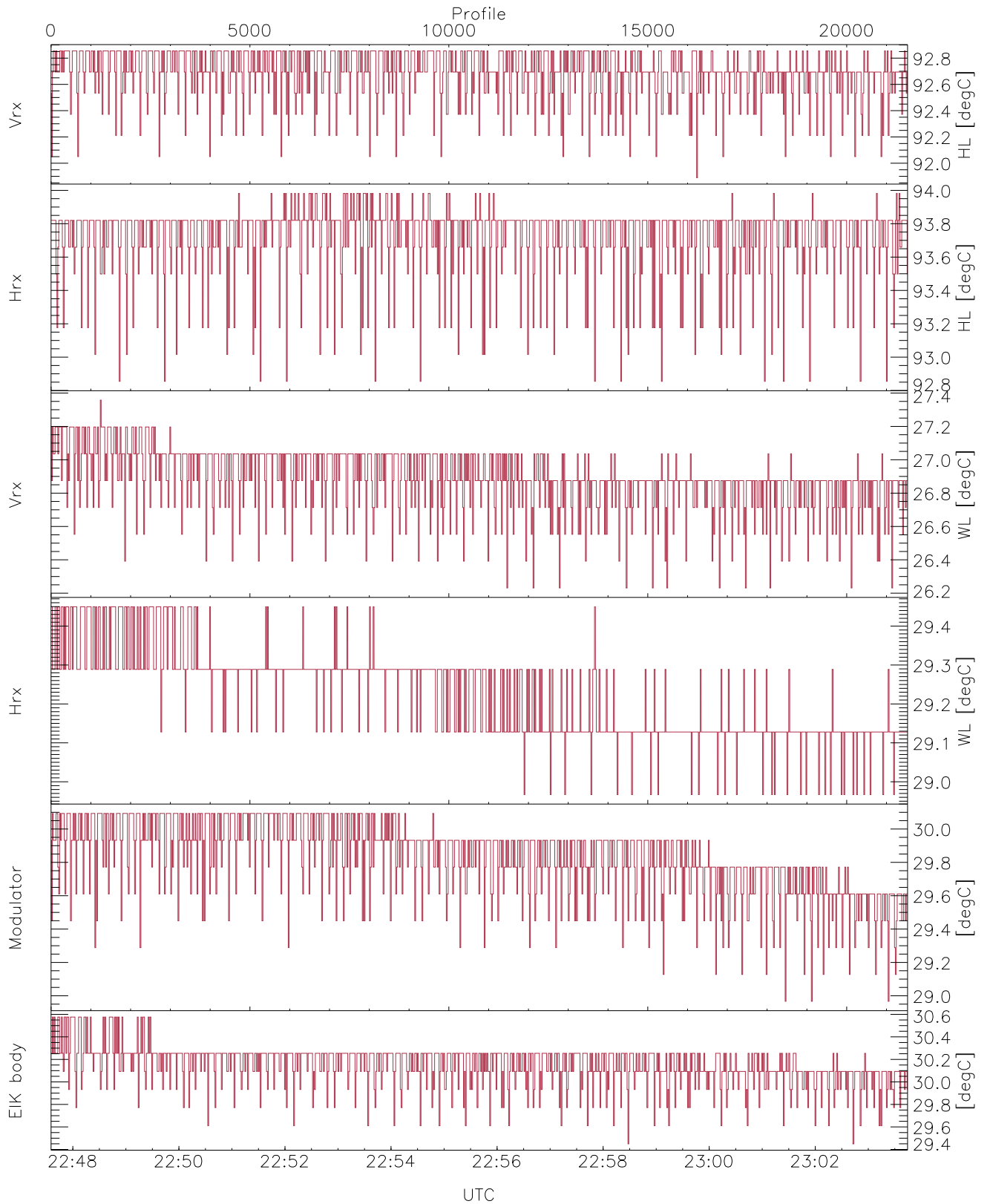


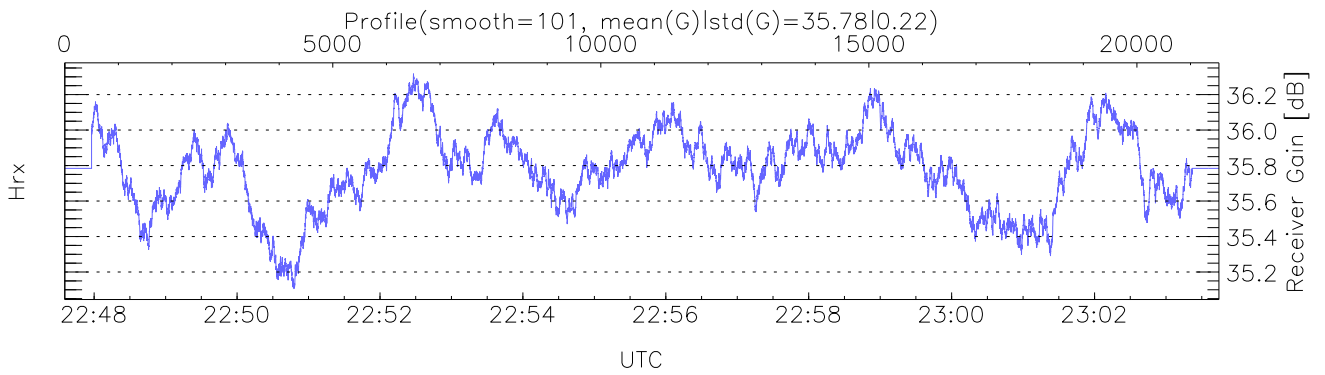
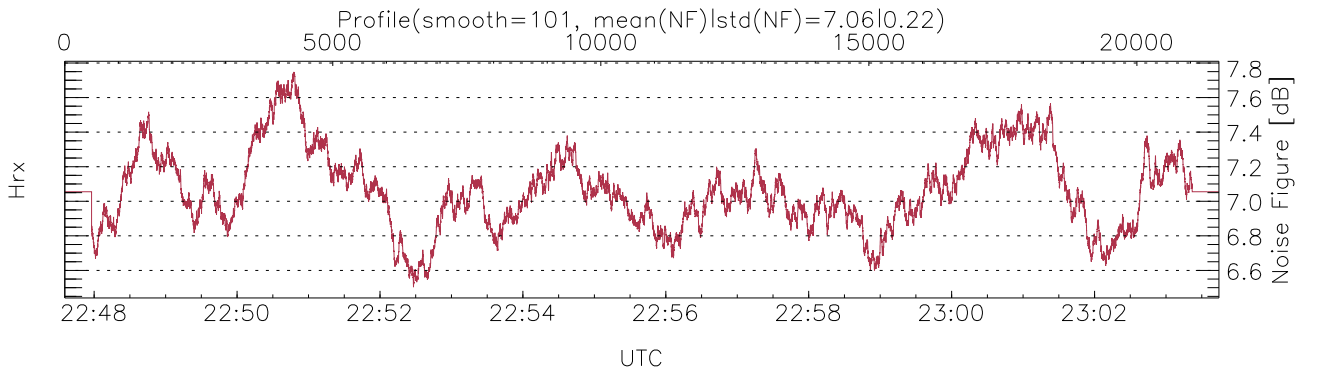
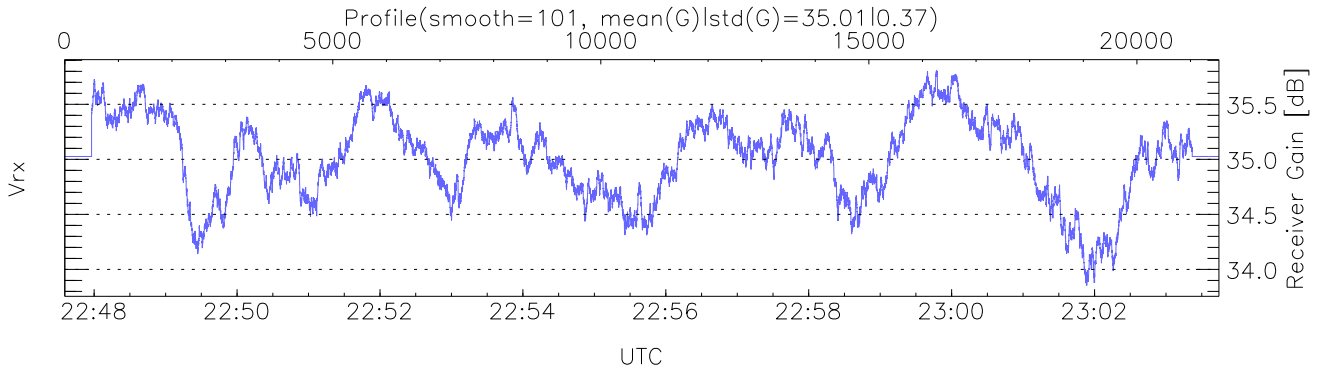
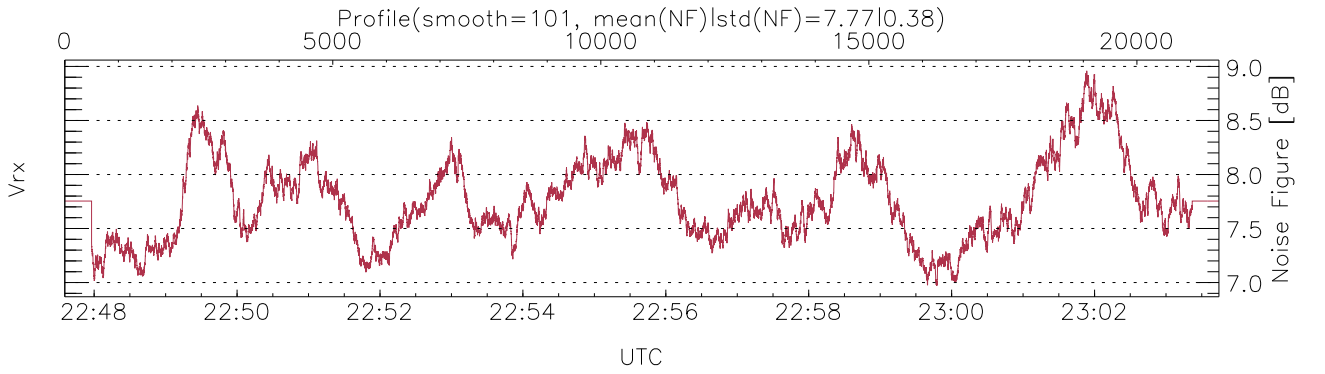
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:47:35-23:03:44, TimeCor: 0.00s, Dur: 969.14s
 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): 21532/21532, 0-21531/22:47:35-23:03:44
 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



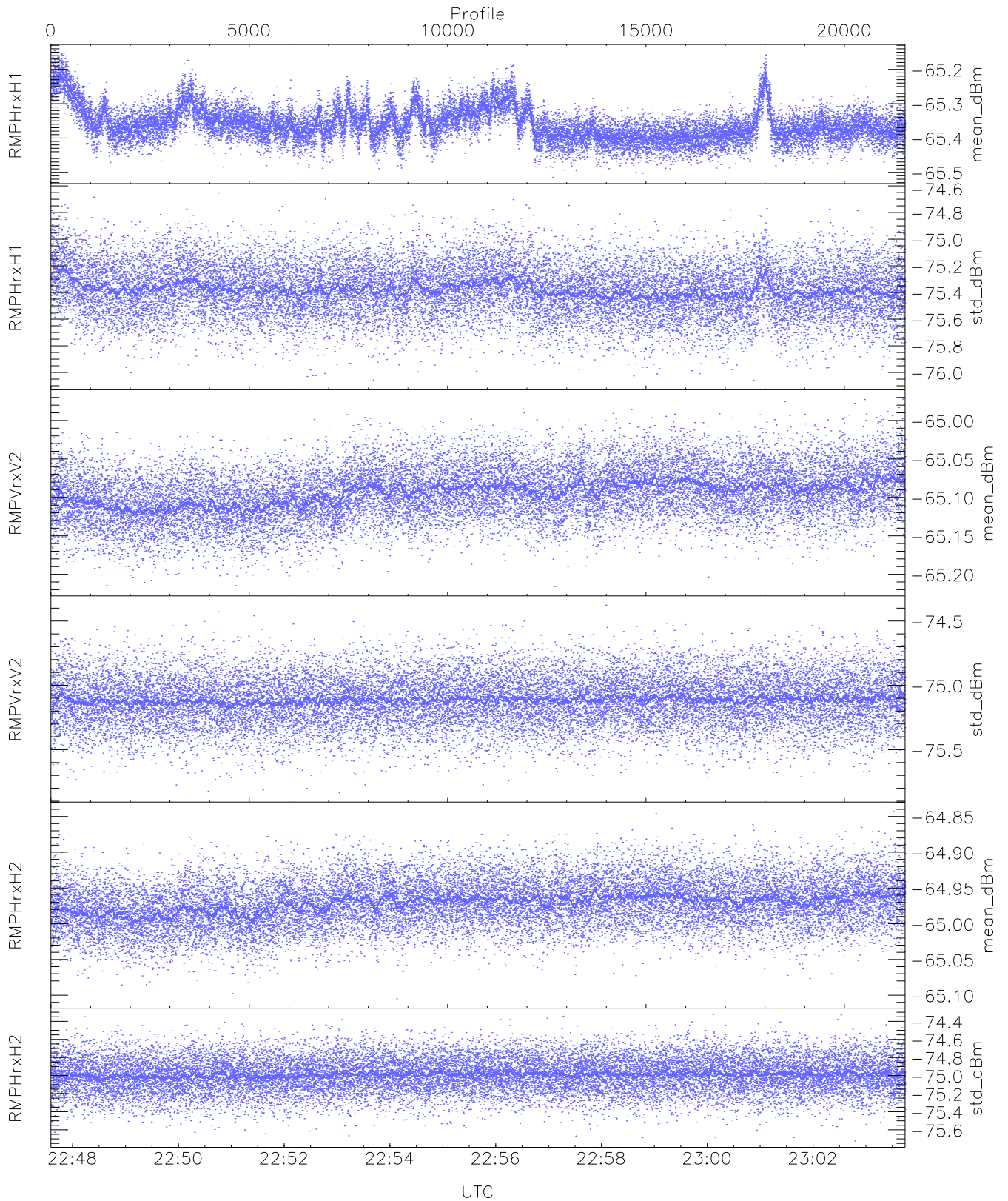
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,26,28,28,29`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,30,30`
`LOalarm(20,240,2817,14861 MHz): 0,0,23,0`
`EIK/Modulator Faults: None`



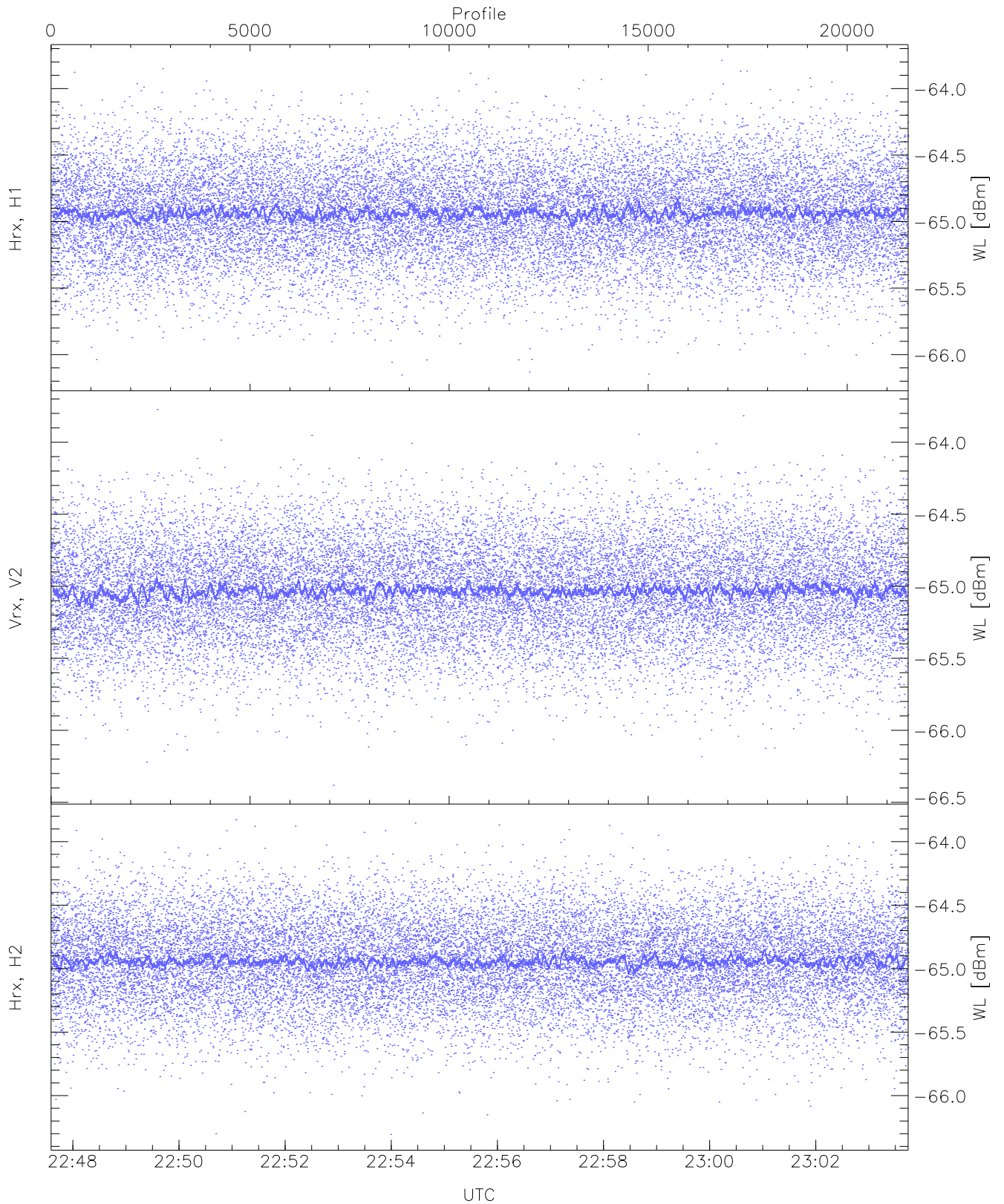
WCR3 CPP Receivers Gain and Noise Figure

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



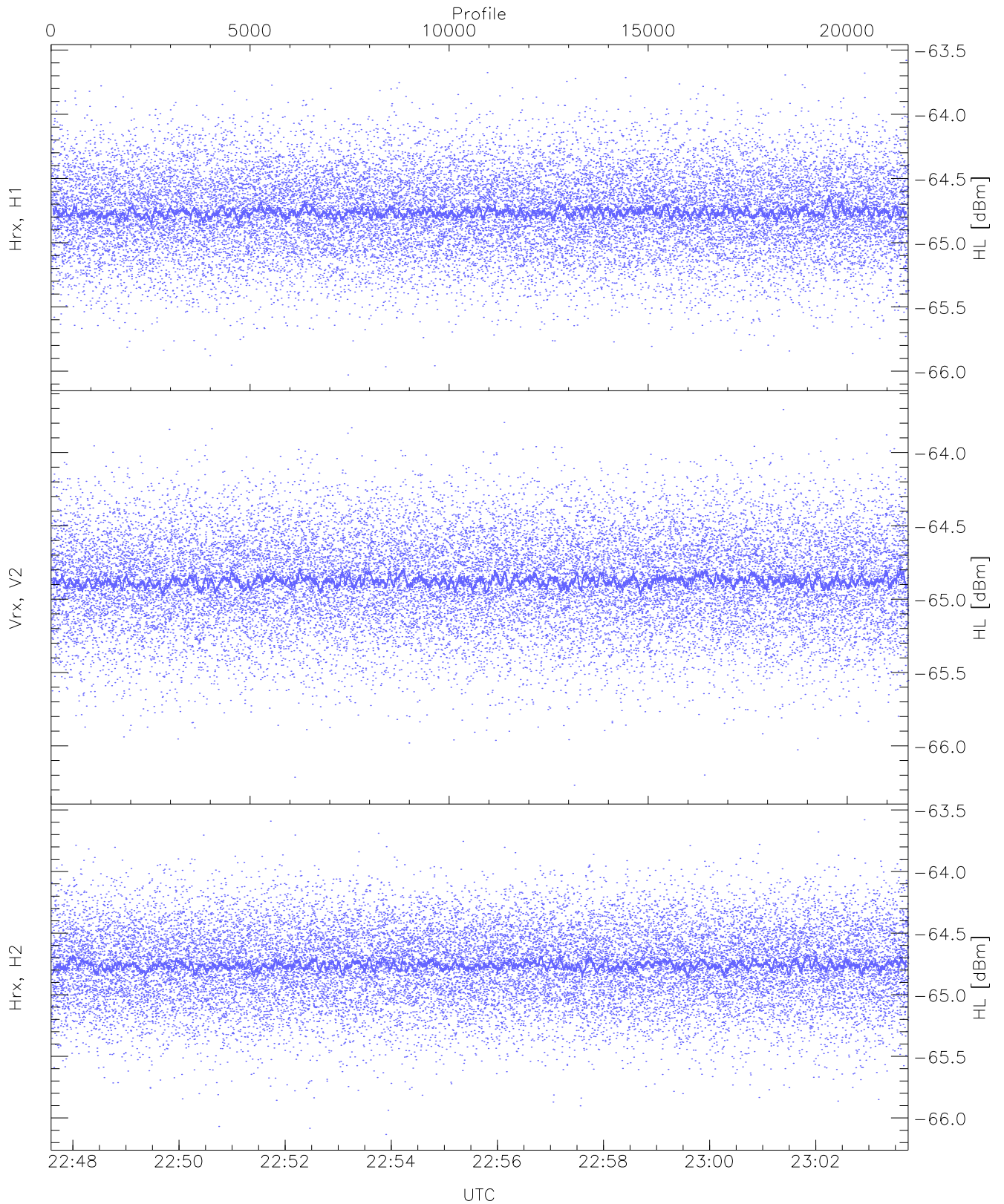
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.51	-65.15	-65.36	-65.37	-84.72
RMPHrxH1 (std_dBm)	-76.06	-74.65	-75.38	-75.38	-89.05
RMPVrxV2 (mean_dBm)	-65.22	-64.97	-65.09	-65.09	-86.33
RMPVrxV2 (std_dBm)	-75.83	-74.38	-75.11	-75.11	-88.89
RMPHrxH2 (mean_dBm)	-65.10	-64.84	-64.97	-64.97	-86.35
RMPHrxH2 (std_dBm)	-75.72	-74.32	-74.99	-74.99	-88.80



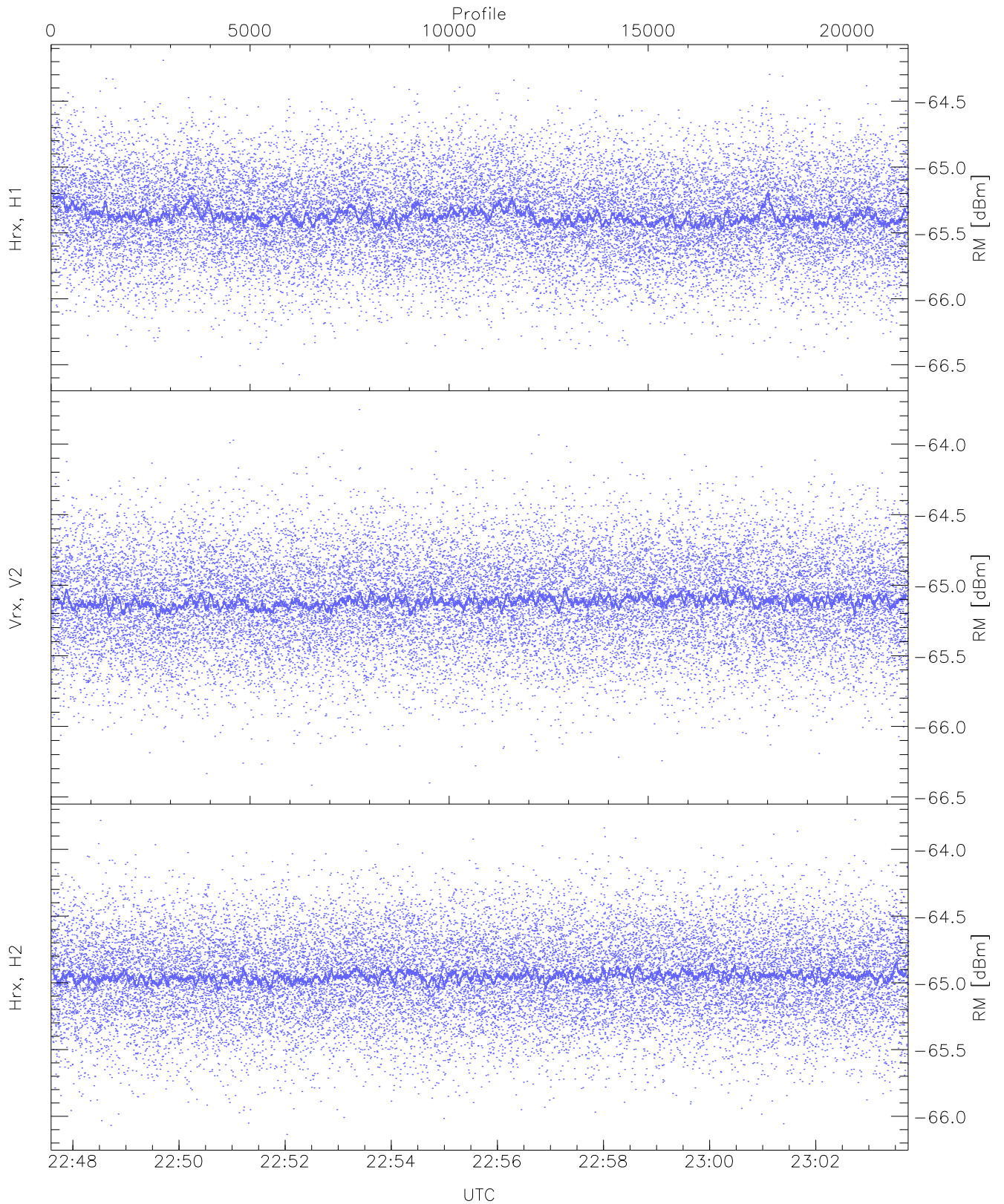
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.15	-63.79	-64.93	-64.94	-76.43
Vrx, V2 (WL [dBm])	-66.38	-63.77	-65.03	-65.03	-76.53
Hrx, H2 (WL [dBm])	-66.31	-63.83	-64.94	-64.94	-76.45



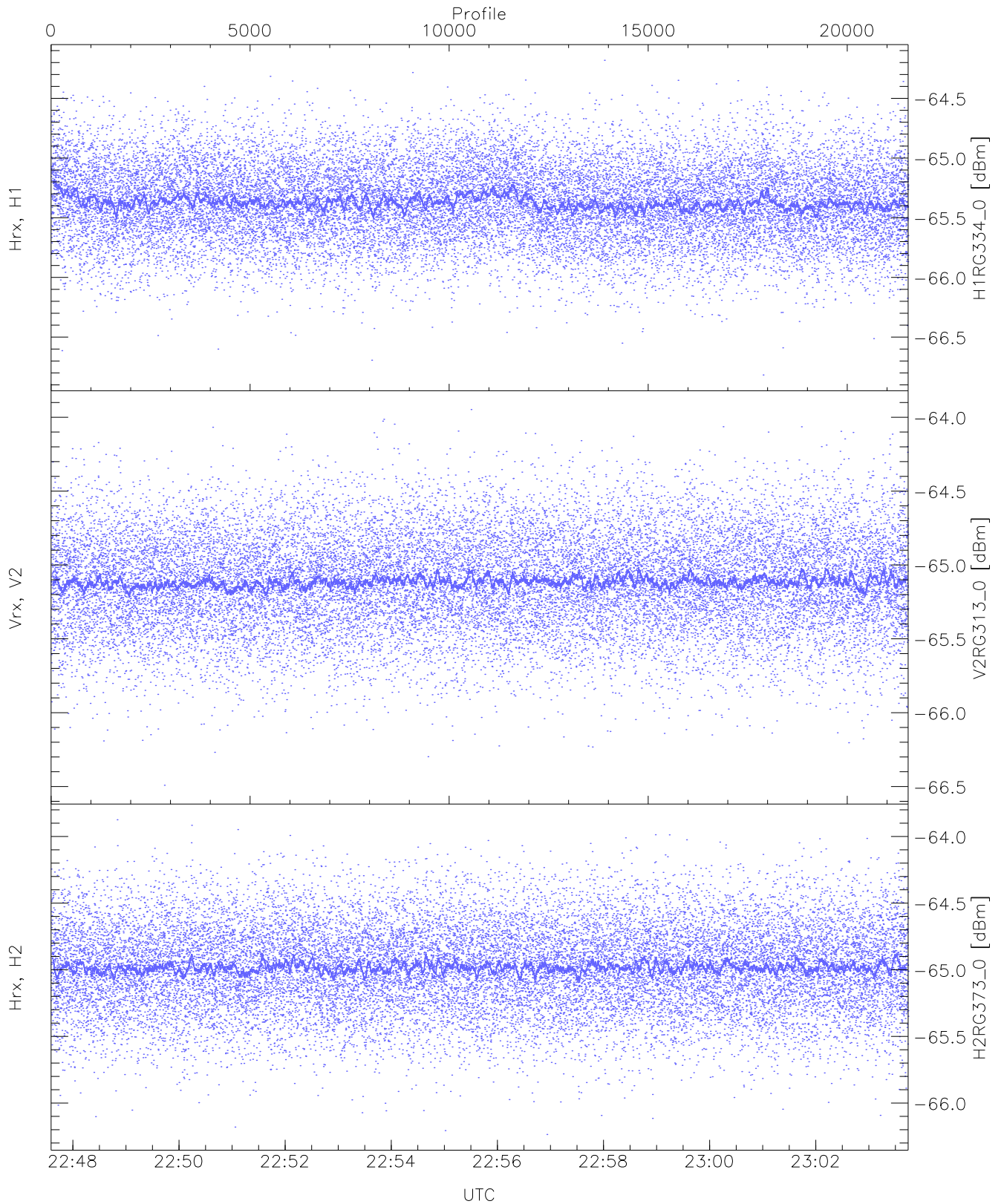
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.03	-63.58	-64.76	-64.76	-76.28
Vrx, V2 (HL [dBm])	-66.27	-63.71	-64.87	-64.87	-76.39
Hrx, H2 (HL [dBm])	-66.13	-63.58	-64.75	-64.76	-76.29



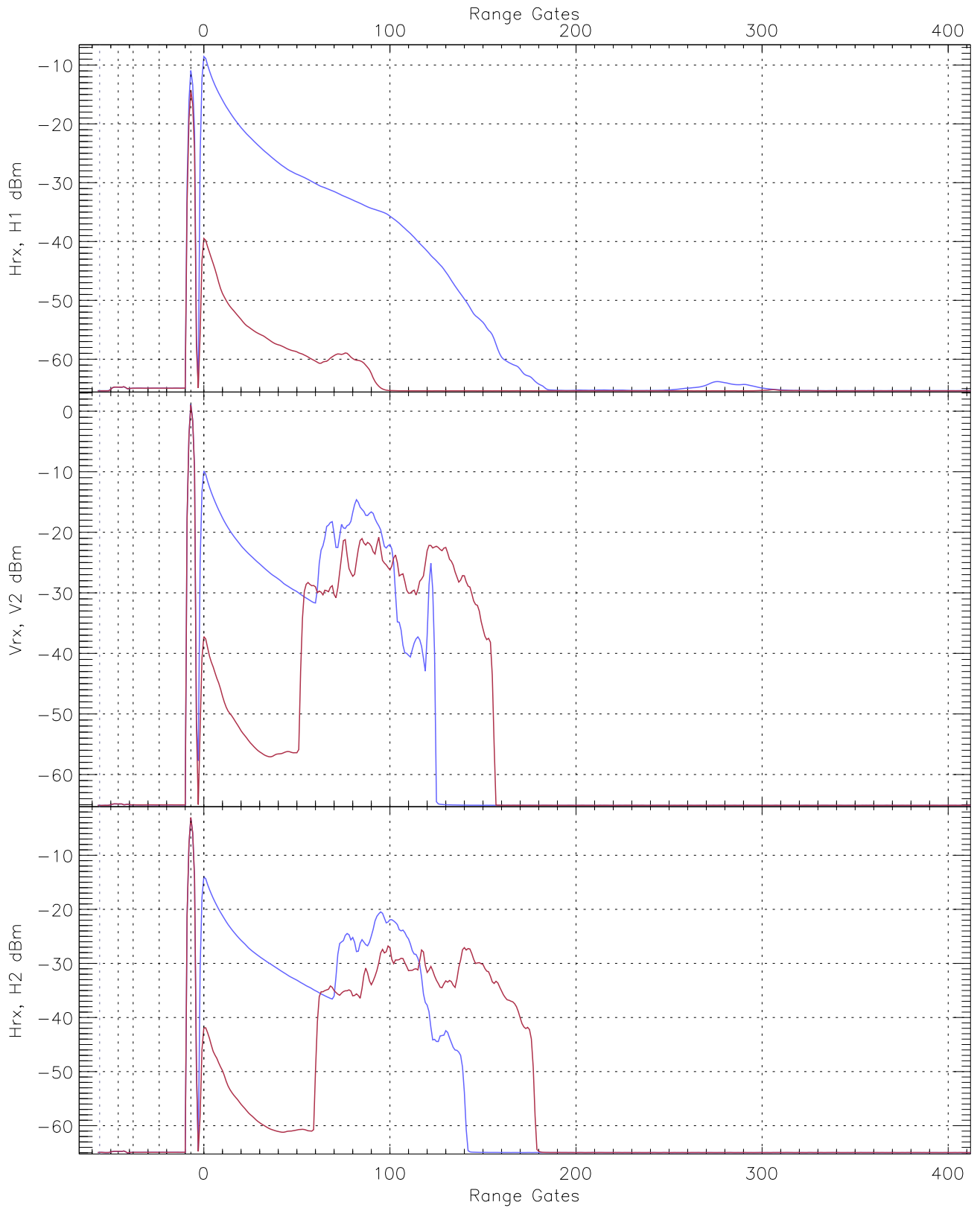
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.58	-64.19	-65.36	-65.37	-76.84
Vrx, V2 (RM [dBm])	-66.42	-63.76	-65.11	-65.12	-76.55
Hrx, H2 (RM [dBm])	-66.14	-63.78	-64.94	-64.95	-76.45

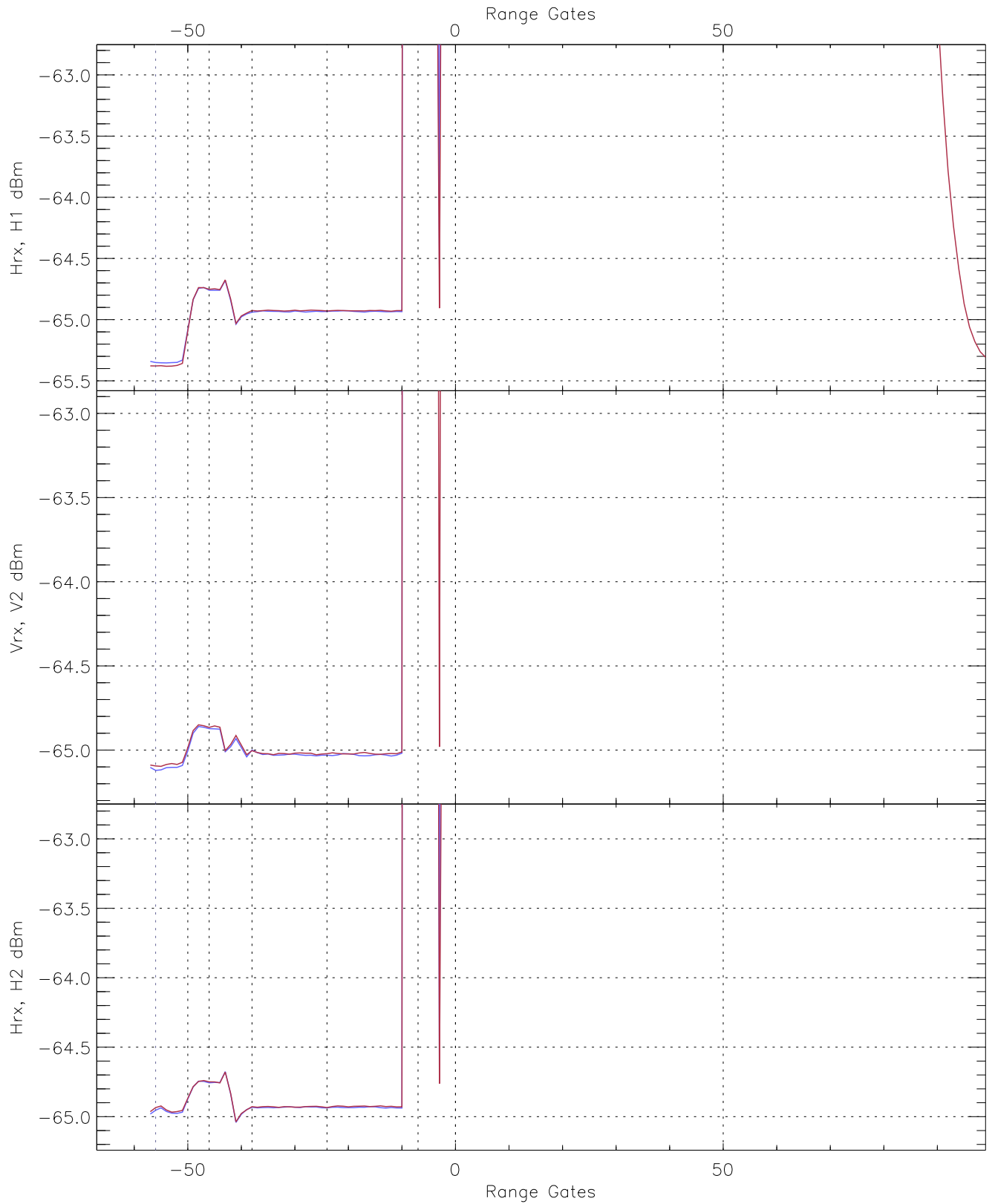


WCR3 CPP "Best" estimate Receivers Noise Power

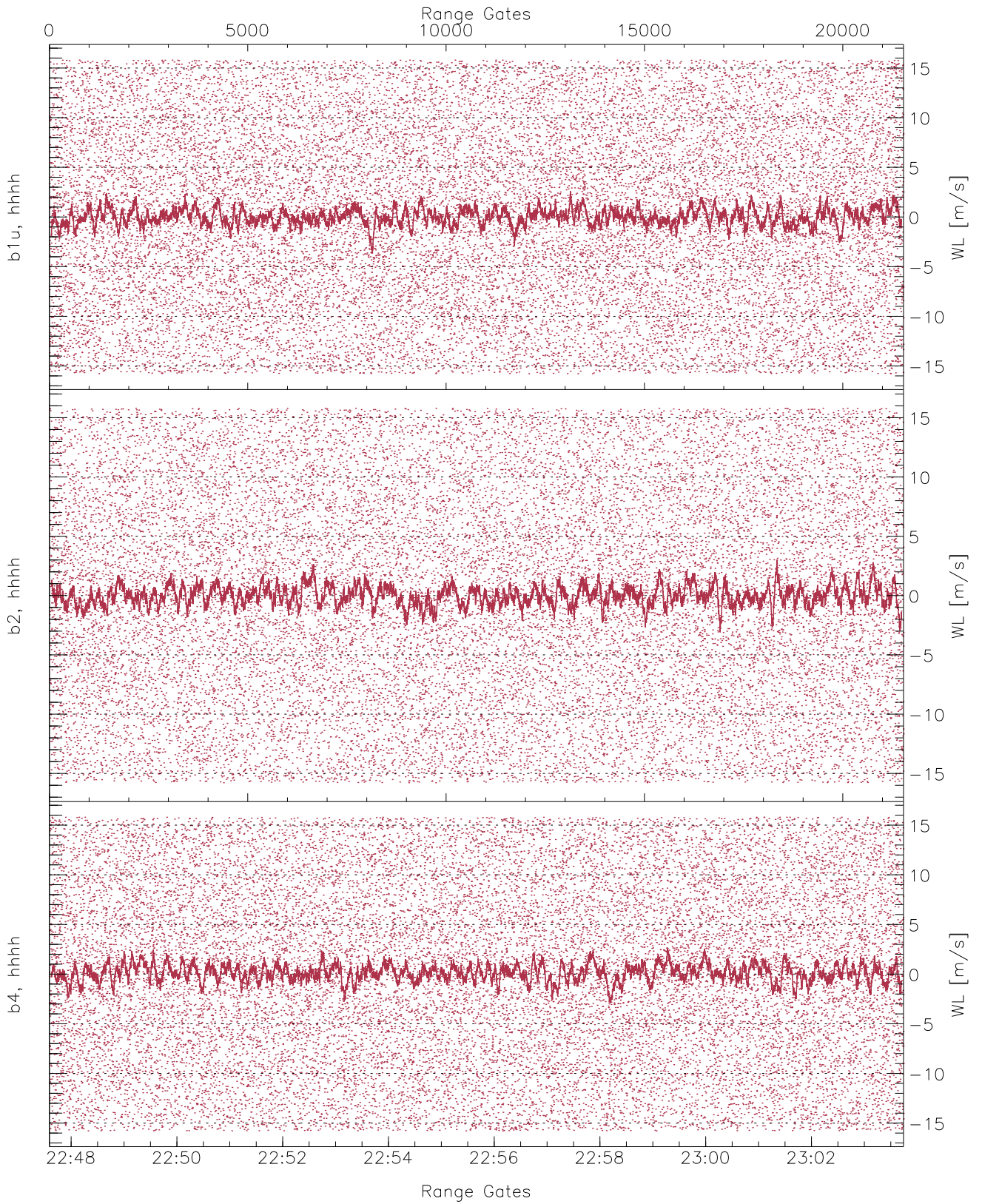
	Min	Max	Mean	Median	StDev
H1RG334_0 [dBm]	-66.82	-64.18	-65.37	-65.38	-76.83
V2RG313_0 [dBm]	-66.49	-63.95	-65.11	-65.12	-76.57
H2RG373_0 [dBm]	-66.24	-63.87	-64.98	-64.98	-76.47



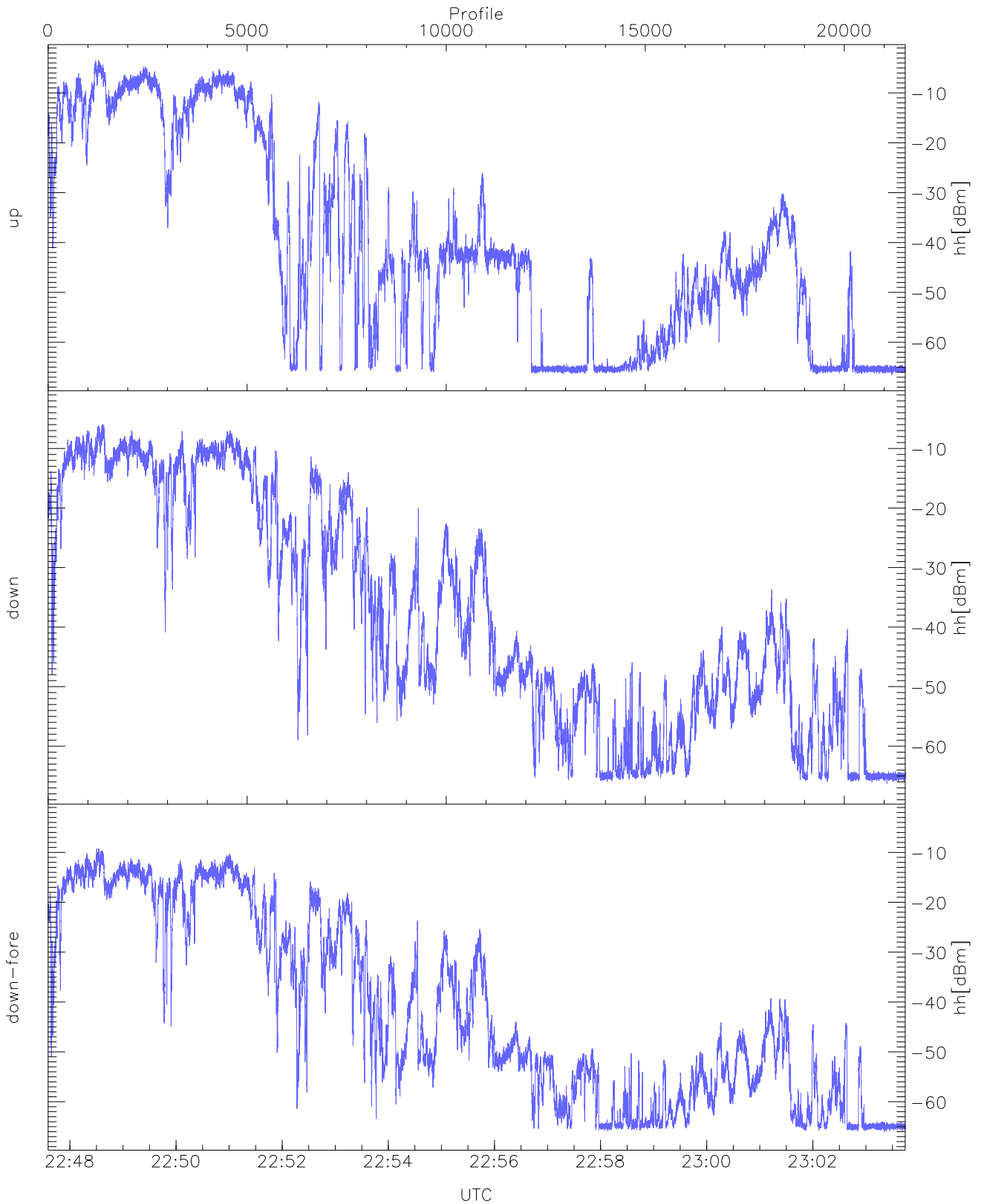
WCR3 CPP Averaged Received power for all recorded gates
blue: 224735-225540, 10767 profiles averaged
red: 225540-230344, 10766 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 224735-225540, 10767 profiles averaged
red: 225540-230344, 10766 profiles averaged

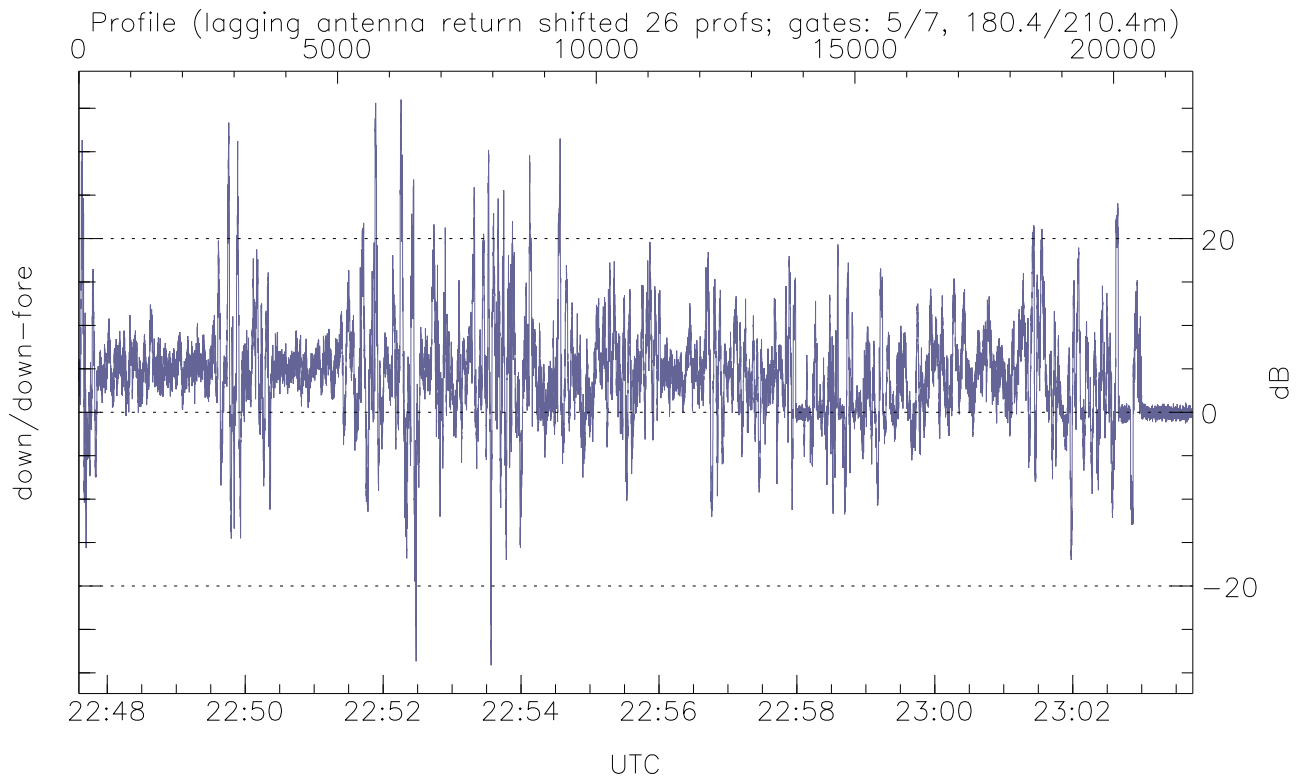
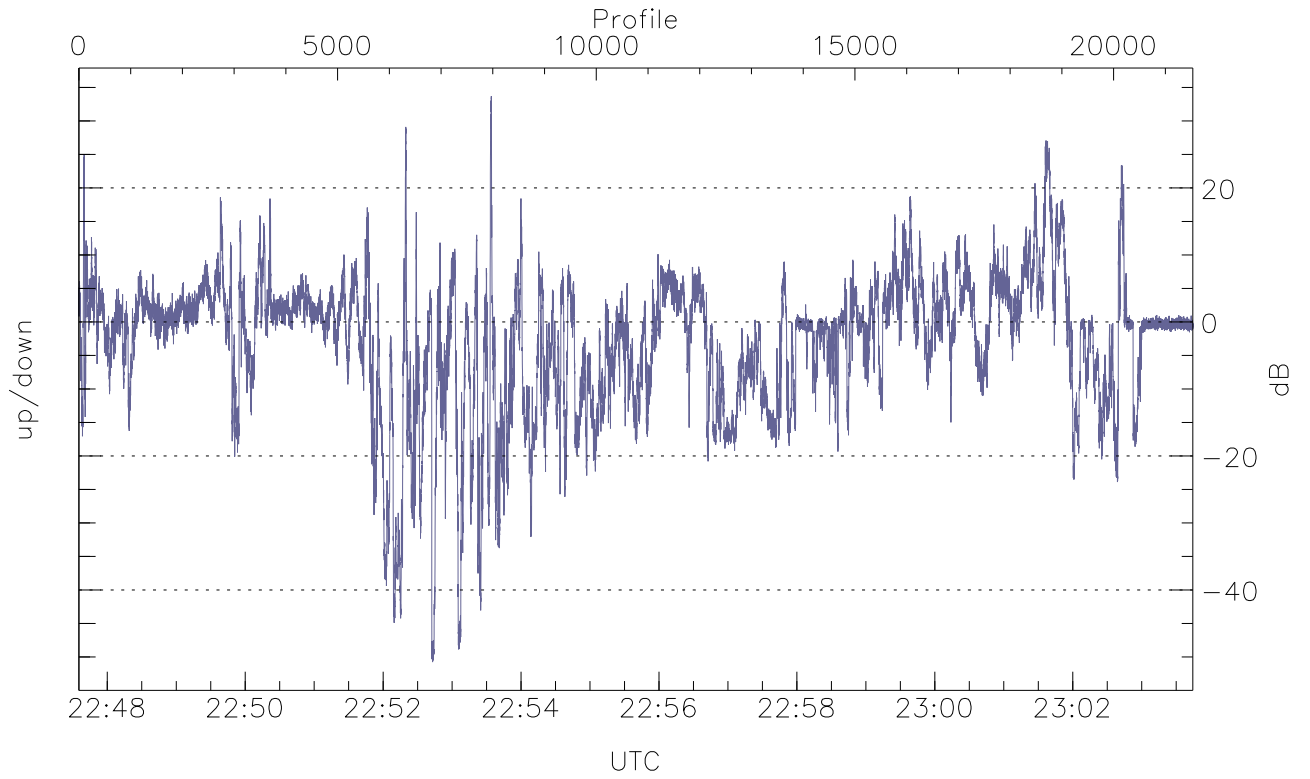


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



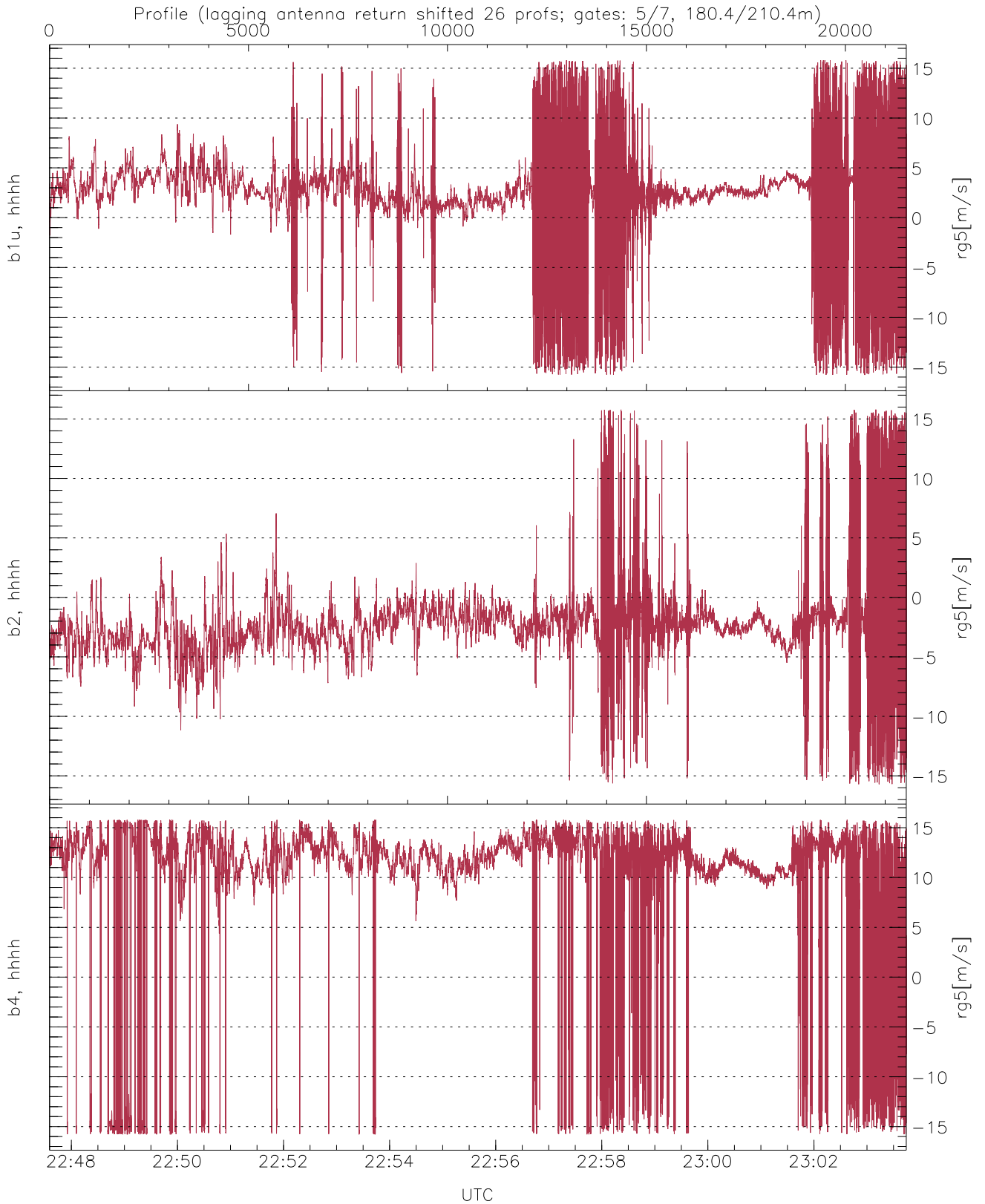
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.56	-3.46	-15.71
down(hh[dBm])	-66.27	-5.90	-17.19
down-fore(hh[dBm])	-66.02	-9.18	-20.93



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

	Min	Max	Mean
up/down (dB)	-50.76	33.68	-2.92
down/down-fore (dB)	-29.13	36.01	4.22



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	2.31	4.31
b2, hhhh(rg5[m/s])	-15.71	15.79	-2.28	3.14
b4, hhhh(rg5[m/s])	-15.79	15.79	9.53	7.66