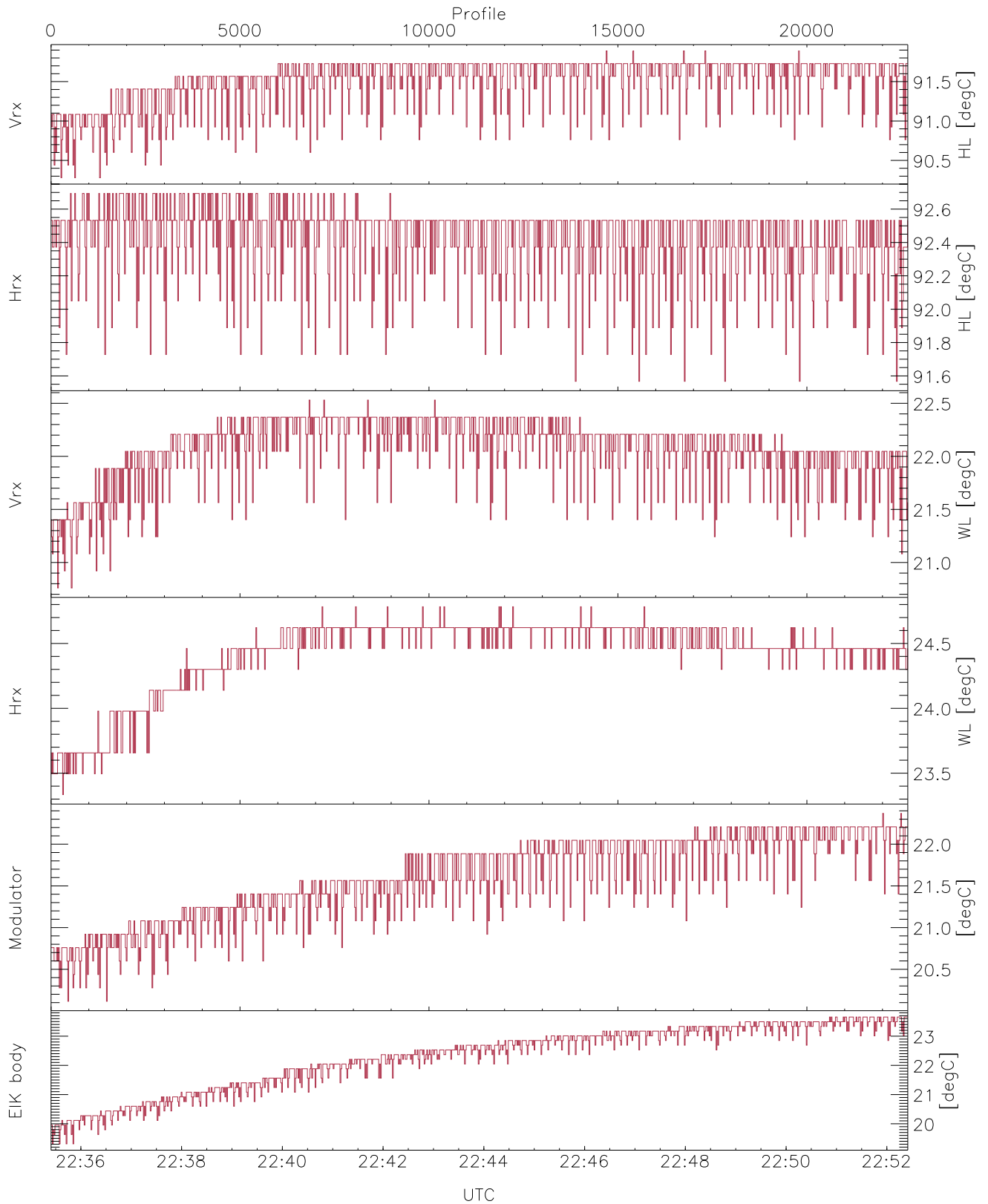


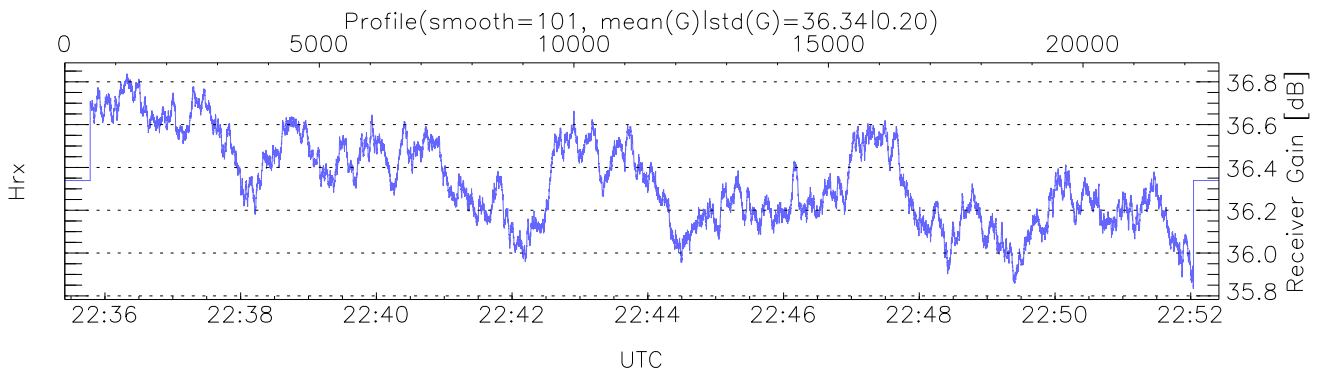
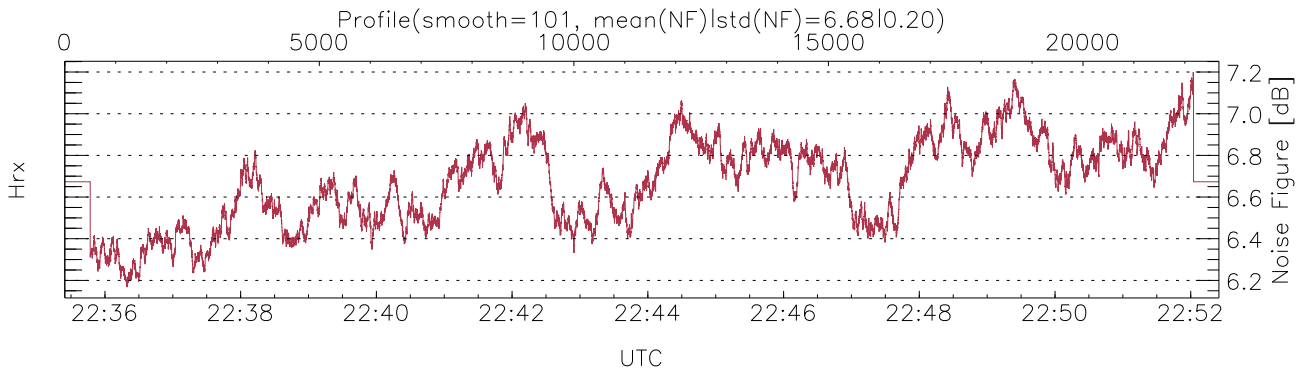
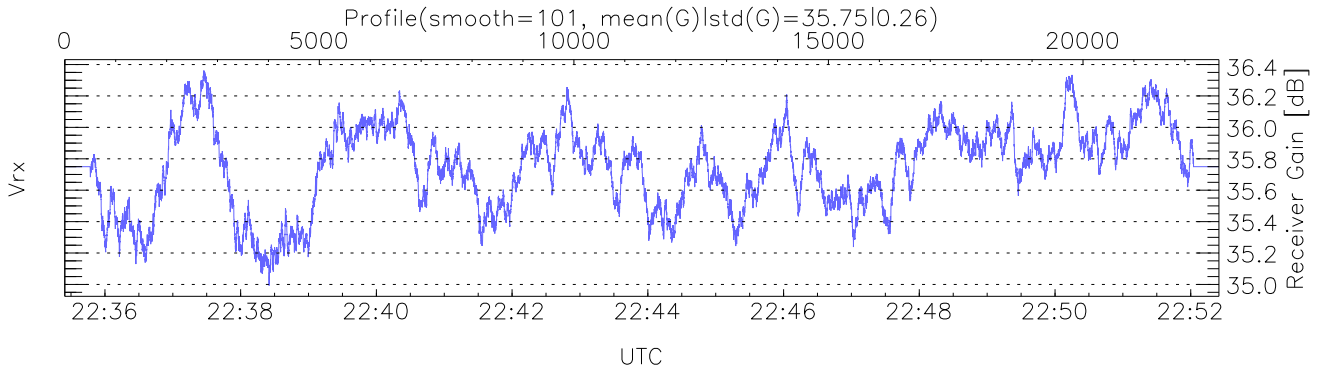
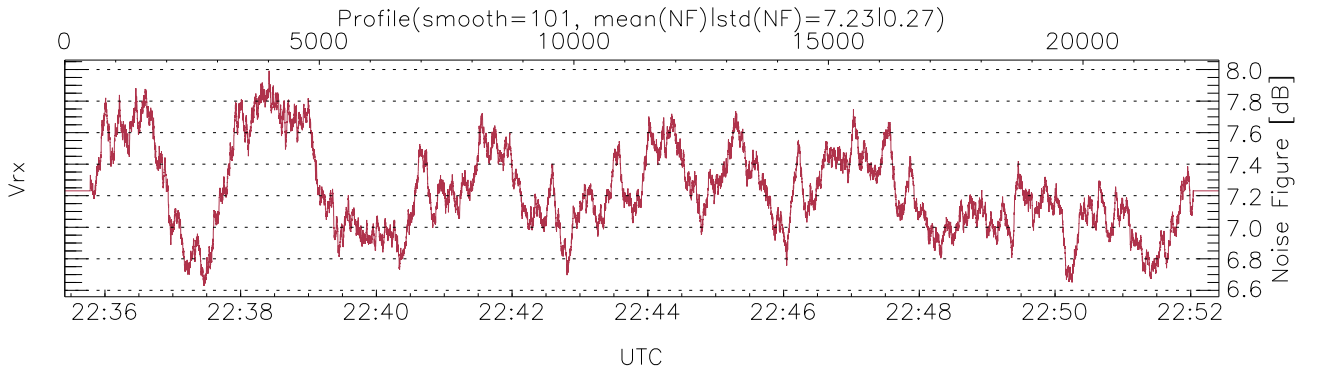
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:35:25-22:52:25, 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, 0-22671/22:35:25-22:52:25
 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



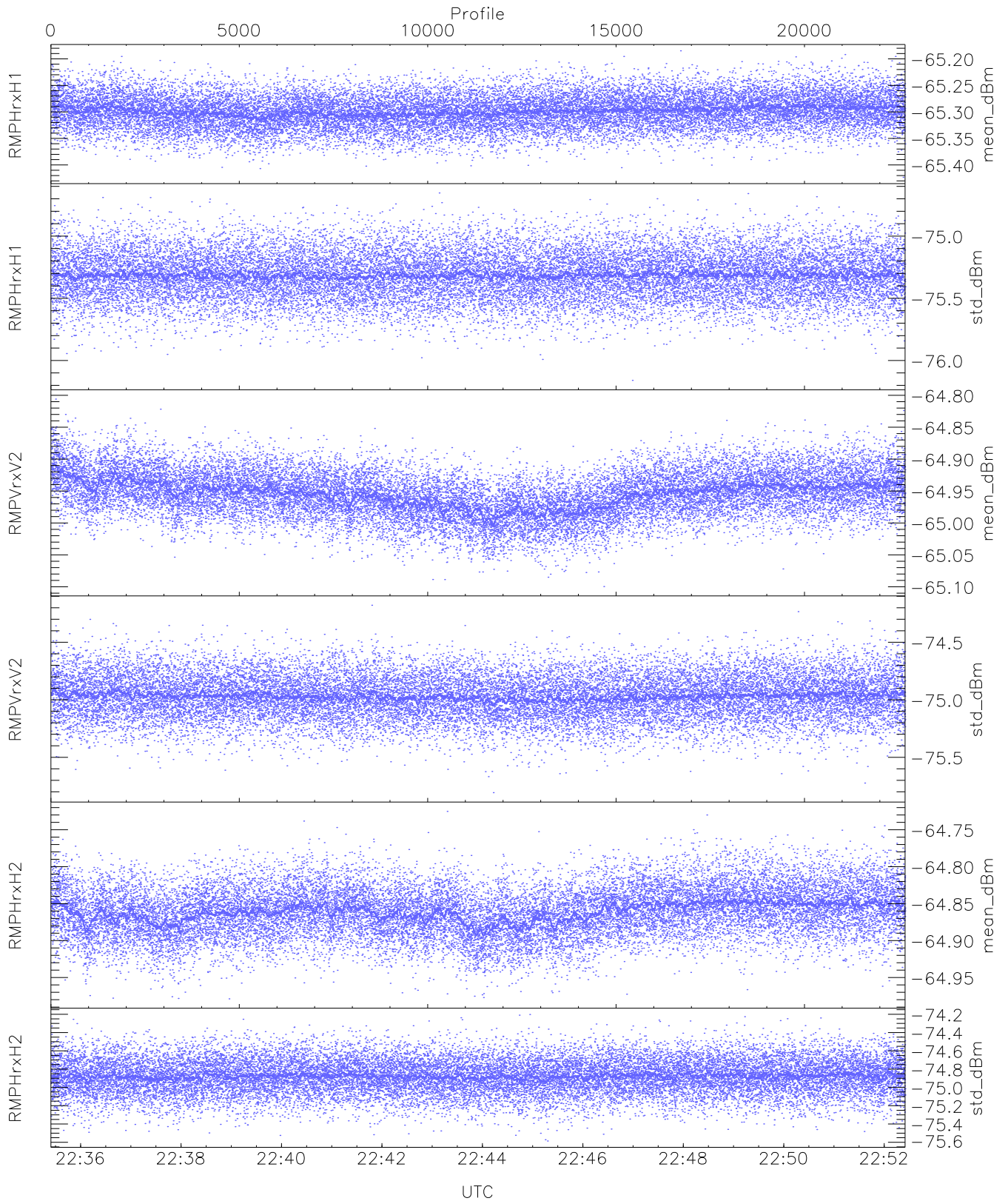
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,23,20,19`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,22,23`
`LOalarm(20,240,2817,14861 MHz): 0,0,44,0`
`EIK/Modulator Faults: None`



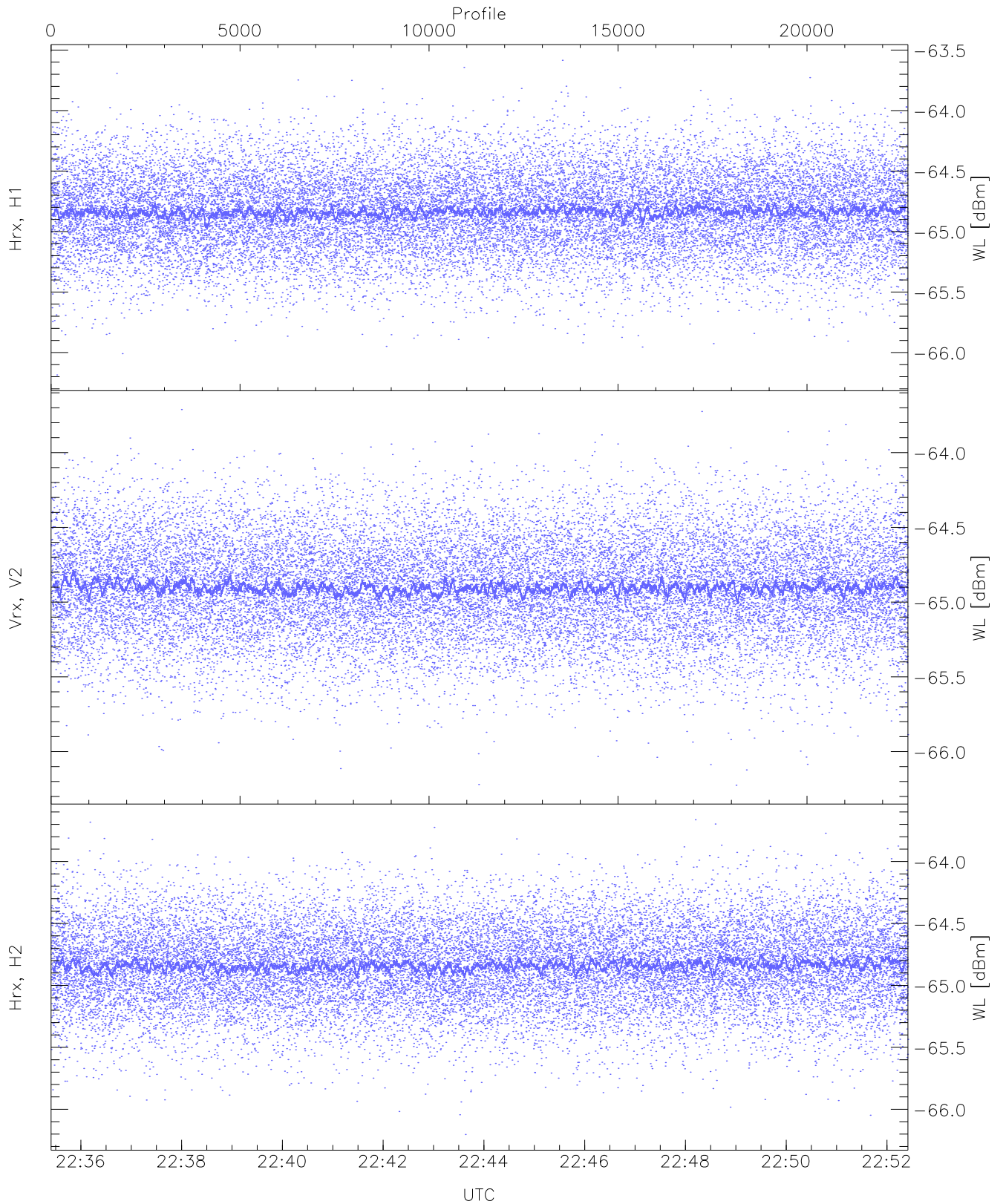
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 1 pixs, 1 gates, 1 profs, 1 prod(s)



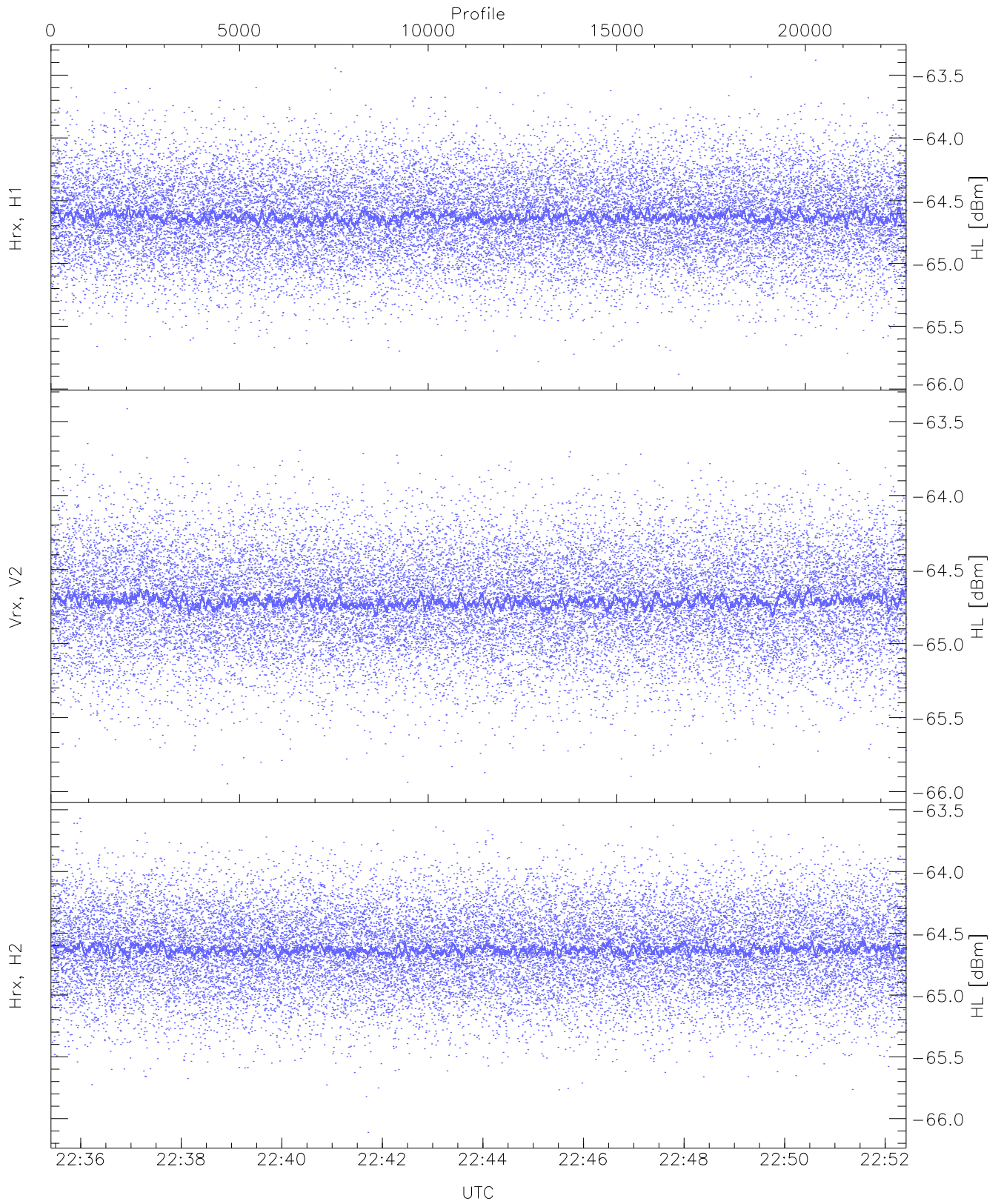
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.42	-65.18	-65.30	-65.30	-86.89
RMPHrxH1(std_dBm)	-76.16	-74.65	-75.31	-75.32	-89.06
RMPVrxV2(mean_dBm)	-65.10	-64.81	-64.95	-64.95	-85.91
RMPVrxV2(std_dBm)	-75.81	-74.18	-74.97	-74.97	-88.74
RMPHrxH2(mean_dBm)	-64.98	-64.73	-64.86	-64.86	-86.19
RMPHrxH2(std_dBm)	-75.59	-74.20	-74.88	-74.88	-88.65



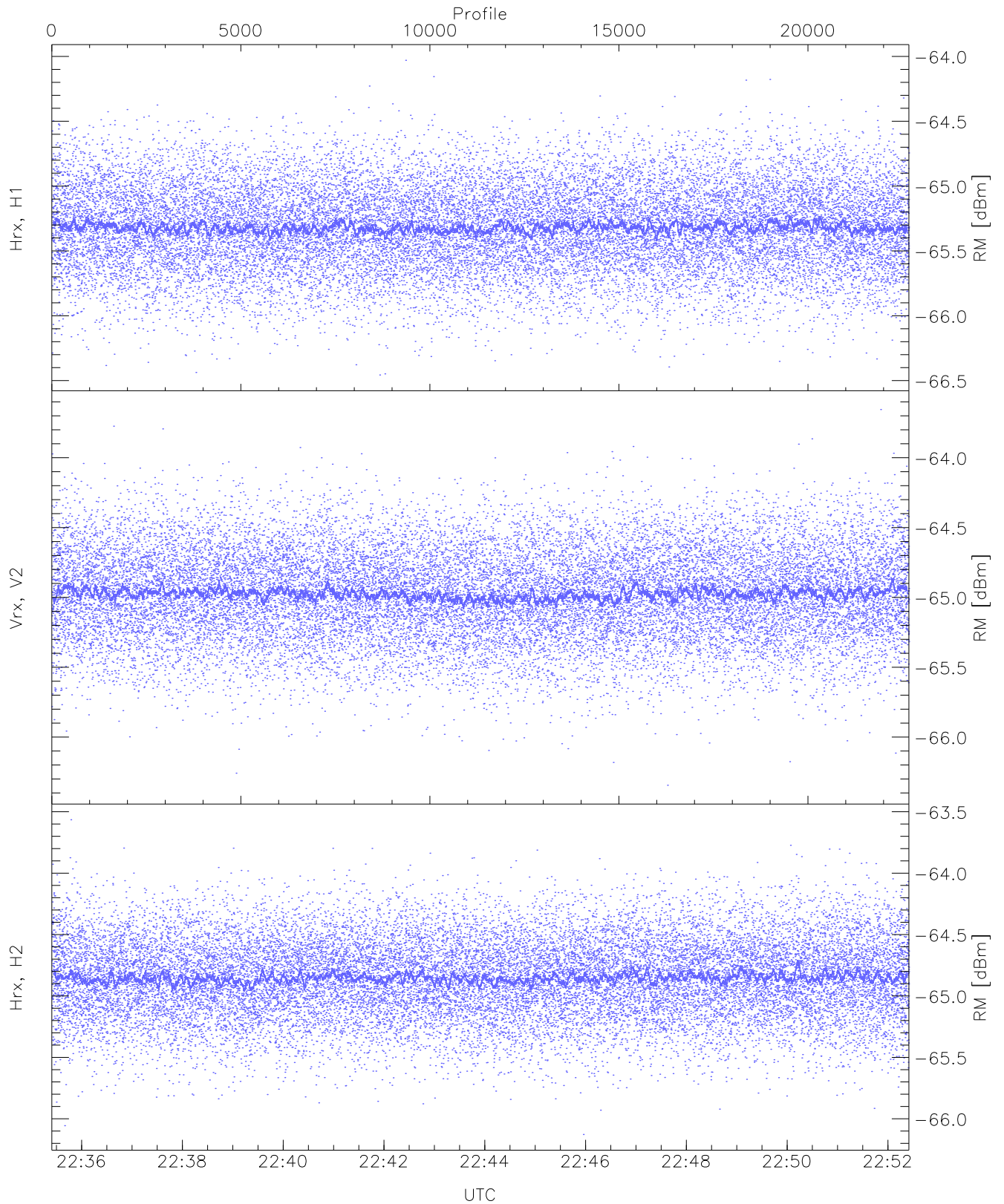
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.19	-63.58	-64.83	-64.84	-76.34
Vrx, V2 (WL [dBm])	-66.23	-63.71	-64.90	-64.90	-76.41
Hrx, H2 (WL [dBm])	-66.20	-63.66	-64.83	-64.84	-76.36



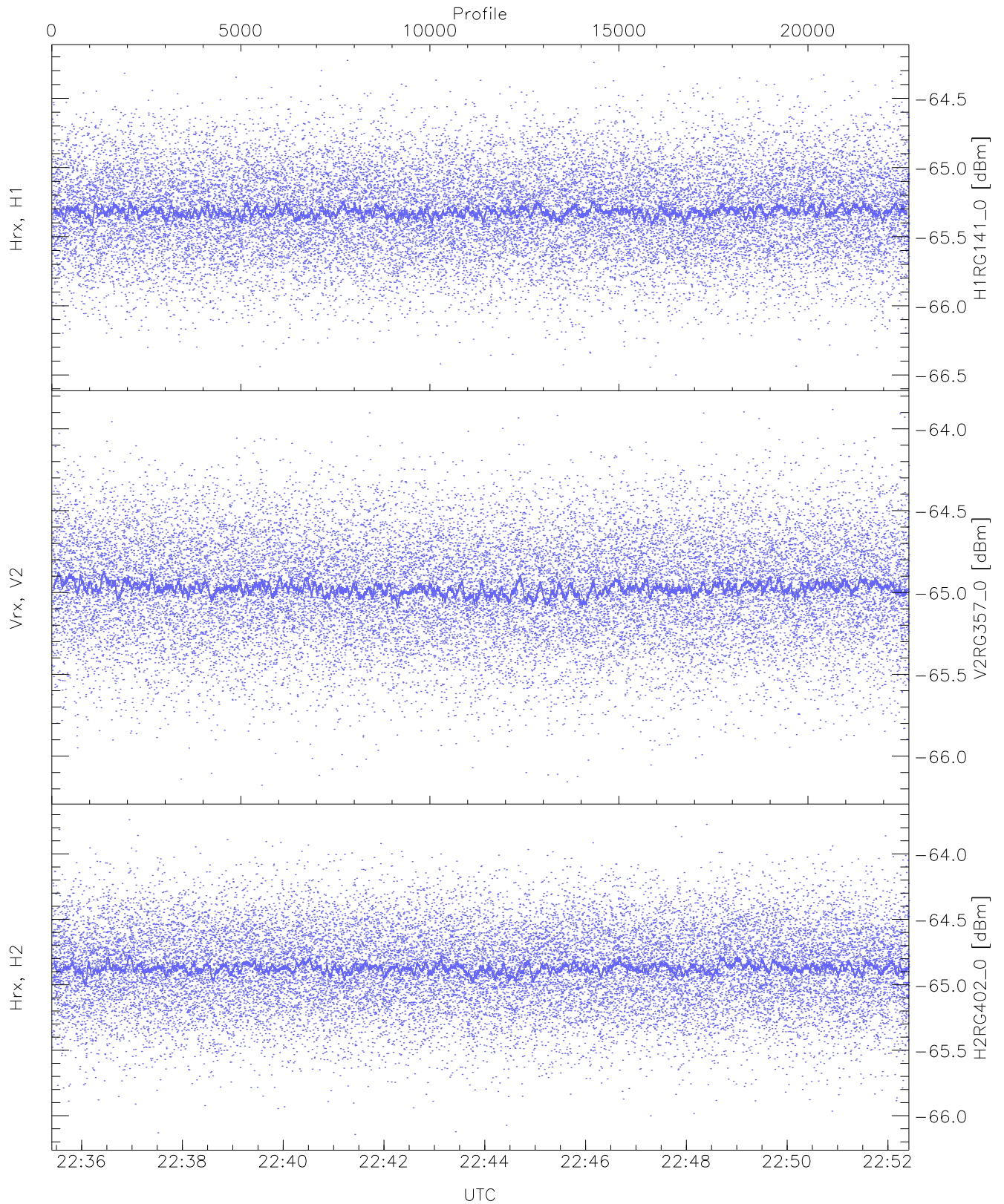
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.88	-63.38	-64.62	-64.63	-76.13
Vrx, V2 (HL [dBm])	-65.95	-63.41	-64.71	-64.71	-76.23
Hrx, H2 (HL [dBm])	-66.11	-63.57	-64.62	-64.63	-76.13



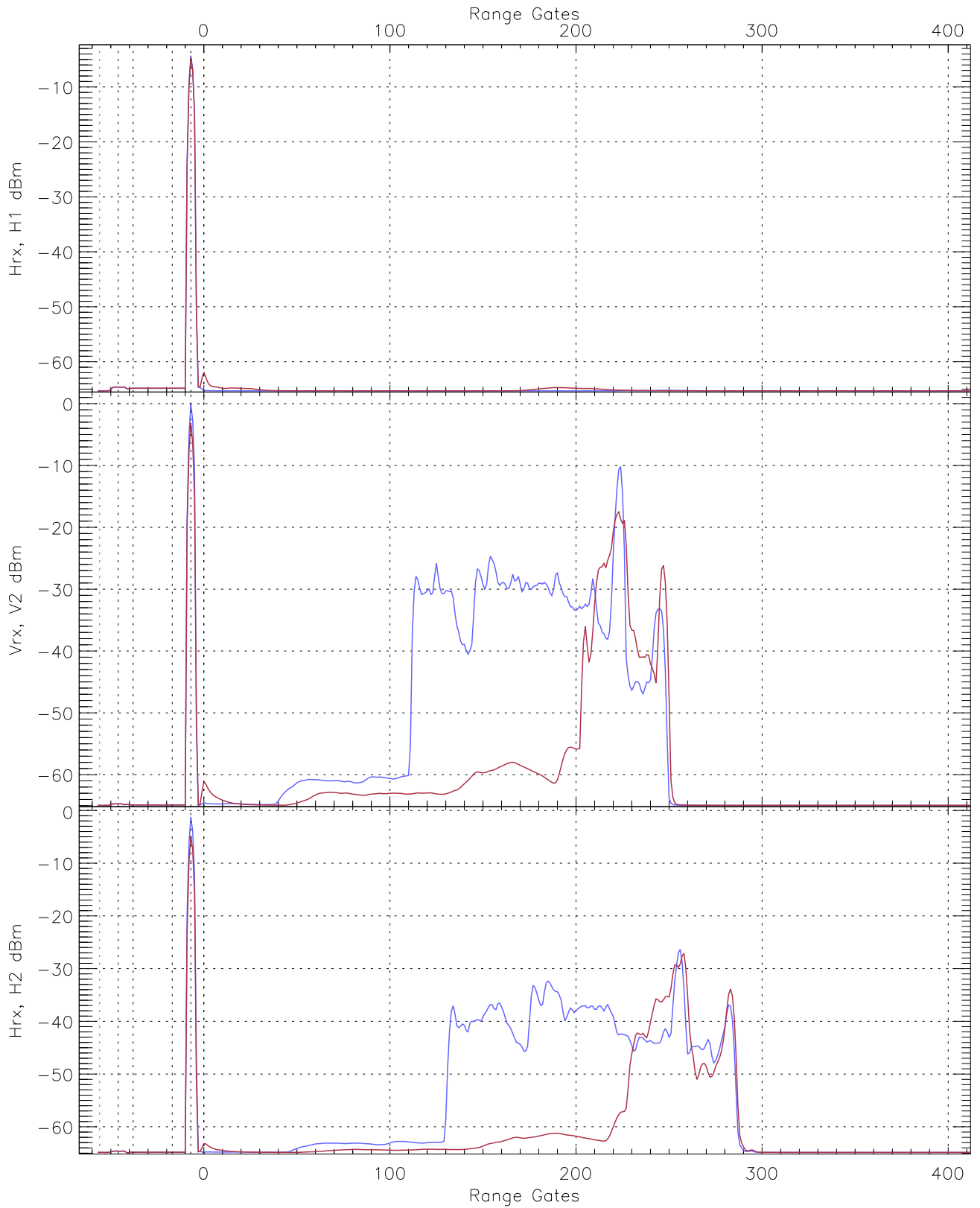
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.46	-64.03	-65.31	-65.32	-76.77
Vrx, V2 (RM [dBm])	-66.34	-63.65	-64.97	-64.98	-76.46
Hrx, H2 (RM [dBm])	-66.13	-63.57	-64.85	-64.85	-76.37

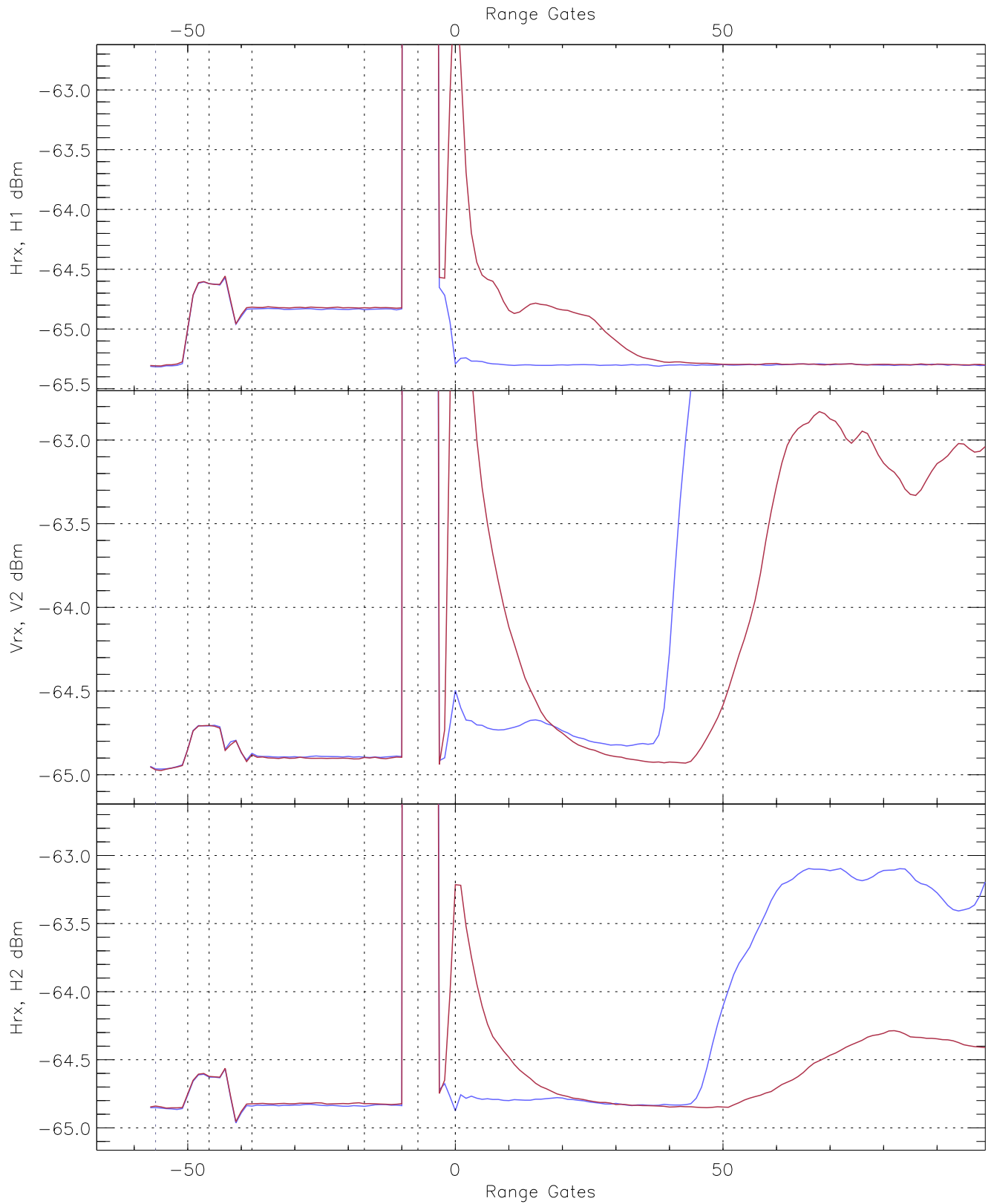


WCR3 CPP "Best" estimate Receivers Noise Power

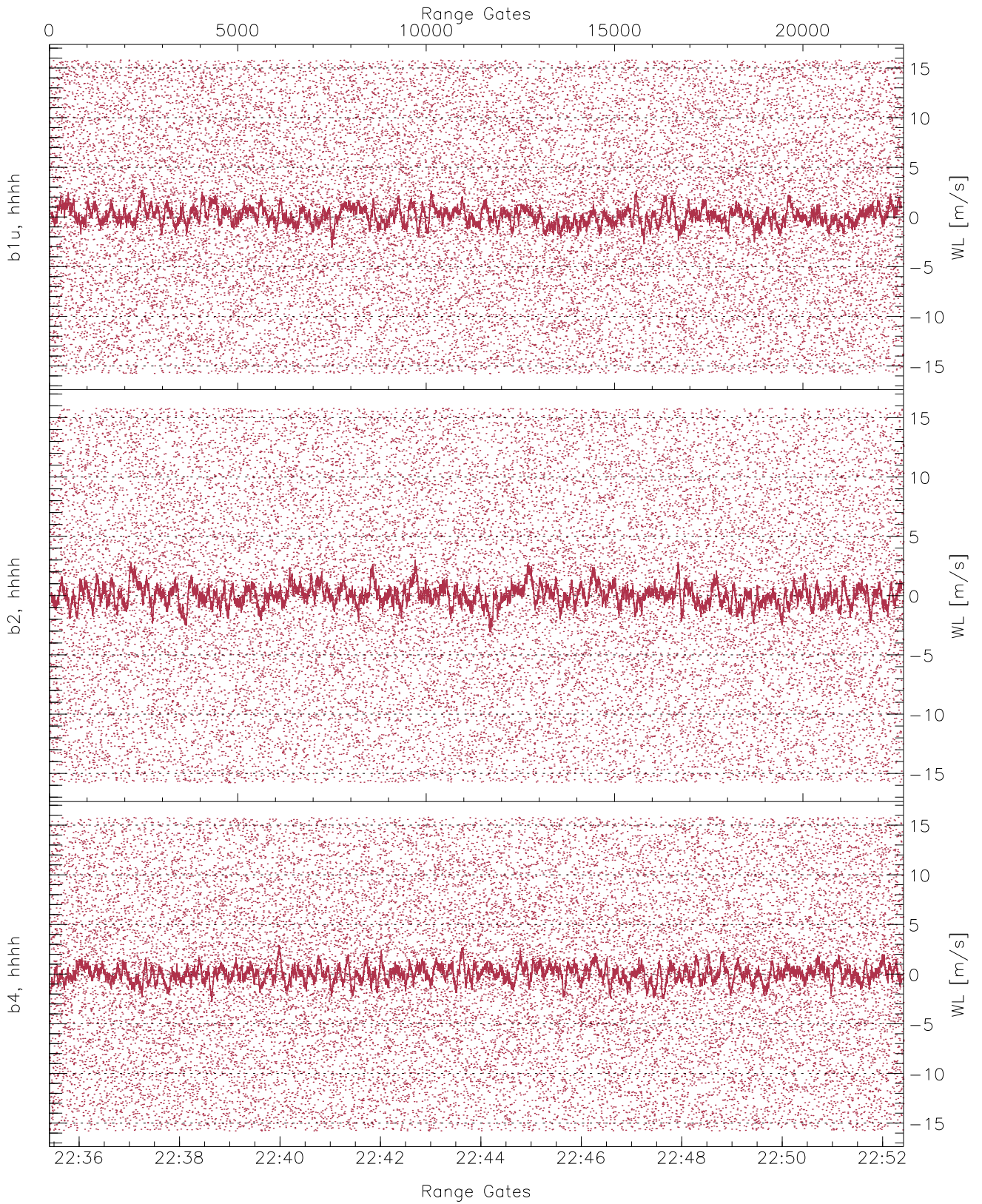
	Min	Max	Mean	Median	StDev
H1RG141_0 [dBm]	-66.50	-64.22	-65.31	-65.32	-76.84
V2RG357_0 [dBm]	-66.18	-63.88	-64.97	-64.98	-76.48
H2RG402_0 [dBm]	-66.14	-63.74	-64.87	-64.87	-76.37



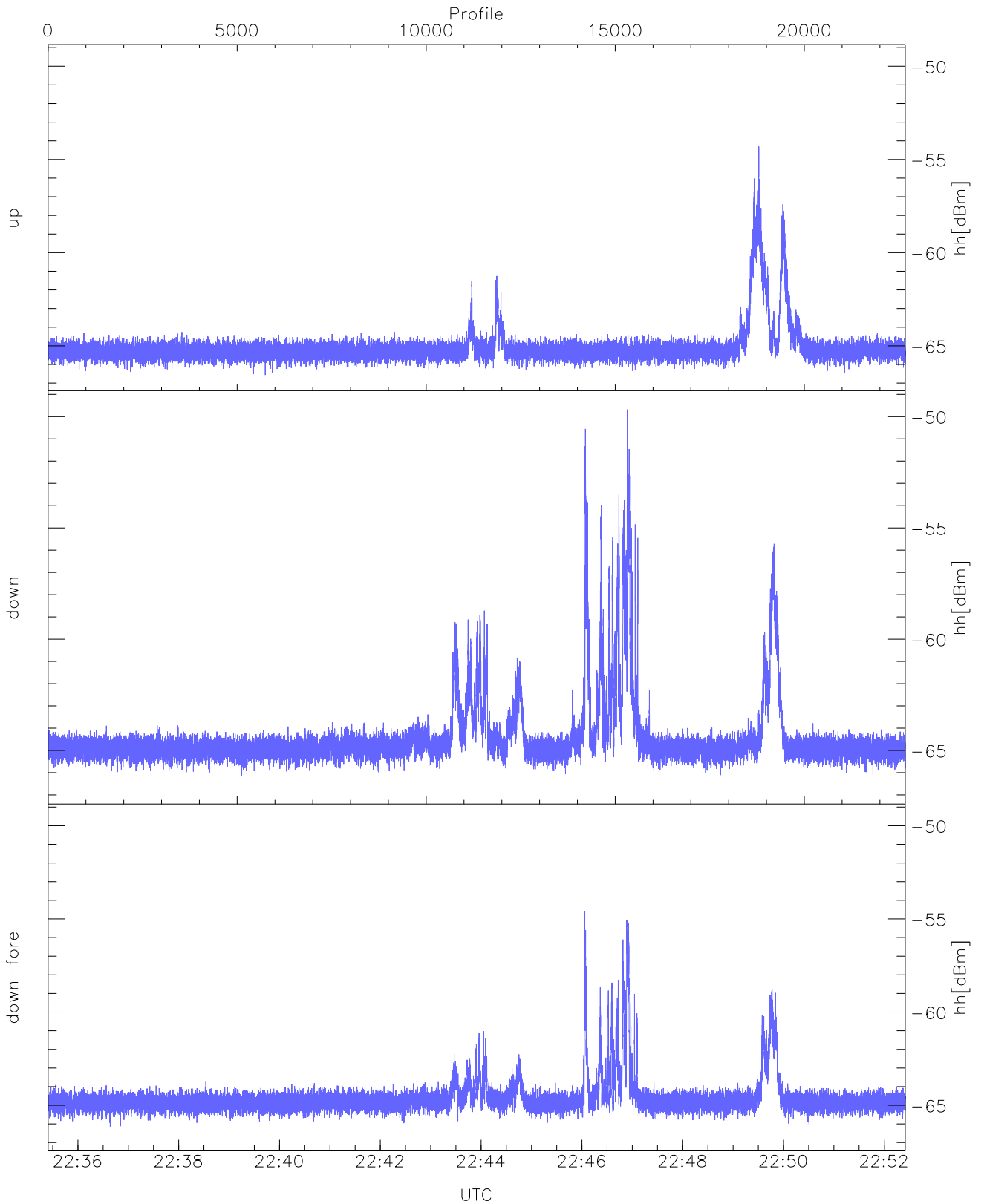
WCR3 CPP Averaged Received power for all recorded gates
blue: 223525-224355, 11337 profiles averaged
red: 224355-225225, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 223525-224355, 11337 profiles averaged
red: 224355-225225, 11336 profiles averaged

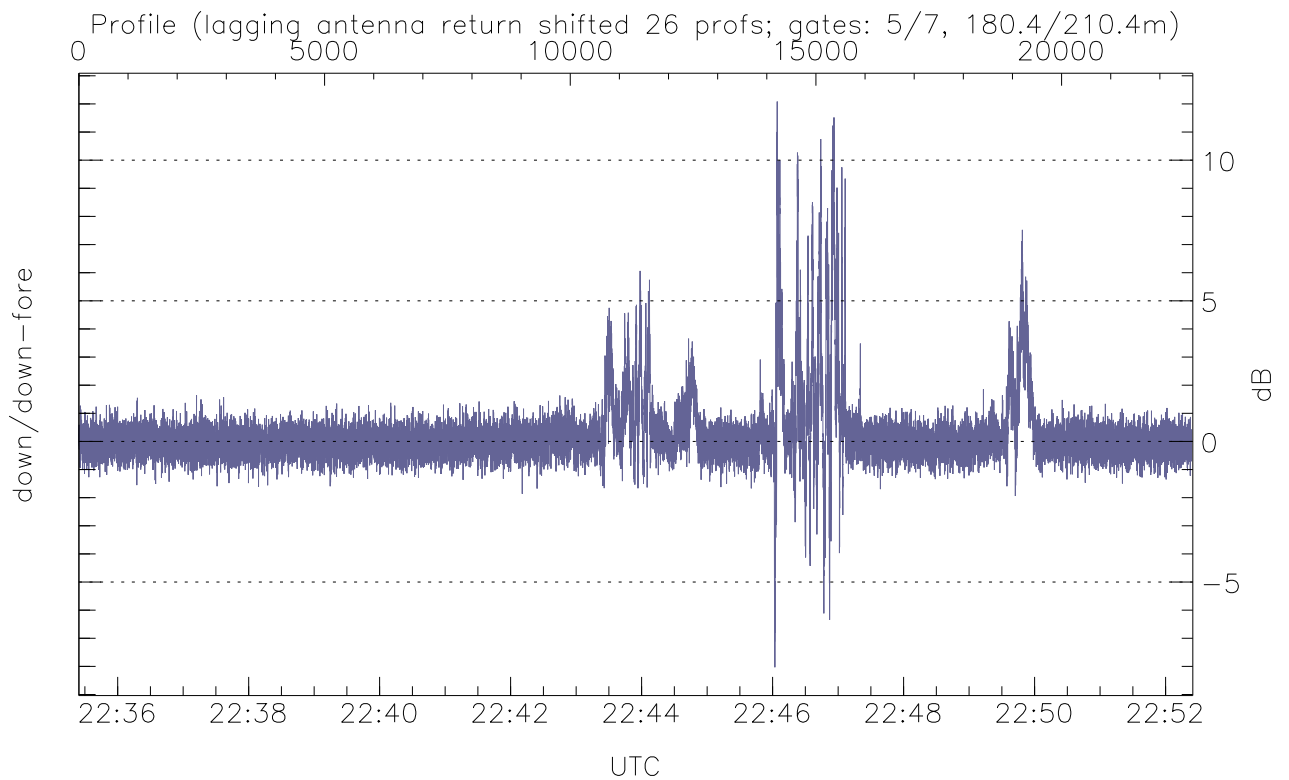
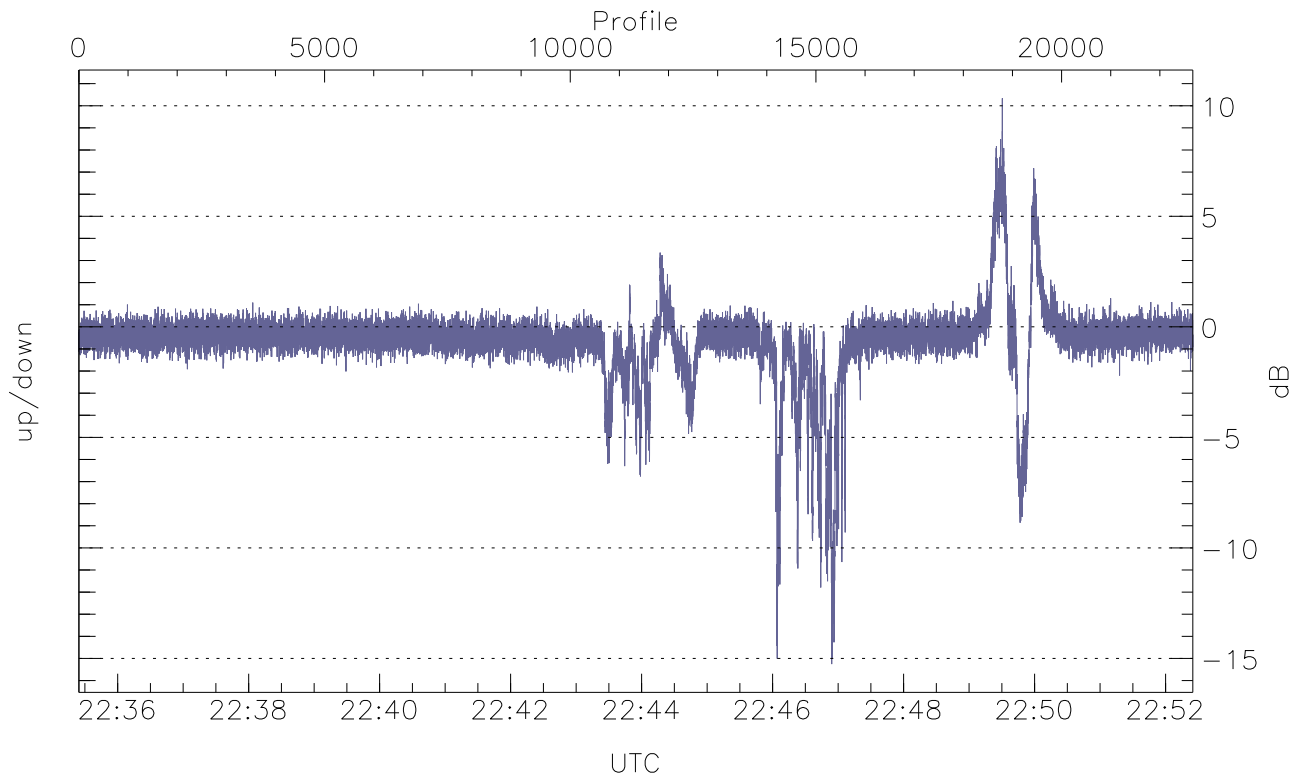


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



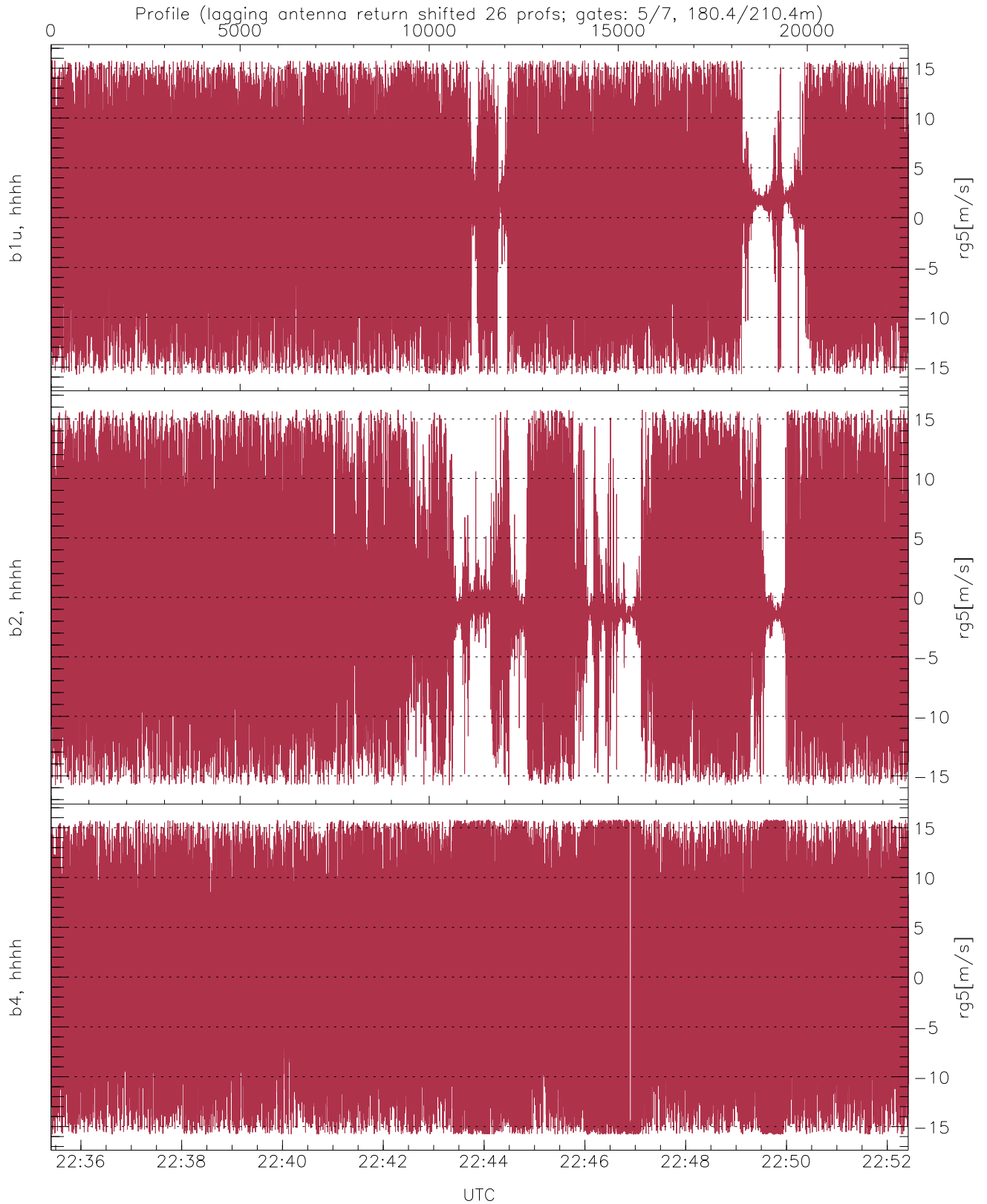
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.56	-54.30	-64.90
down(hh[dBm])	-66.13	-49.68	-63.94
down-fore(hh[dBm])	-66.14	-54.58	-64.43



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

	Min	Max	Mean
up/down (dB)	-15.25	10.34	-0.66
down/down-fore (dB)	-8.03	12.09	0.24



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.23	8.18
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.37	7.46
b4, hhhh(rg5[m/s])	-15.79	15.79	-0.46	9.87