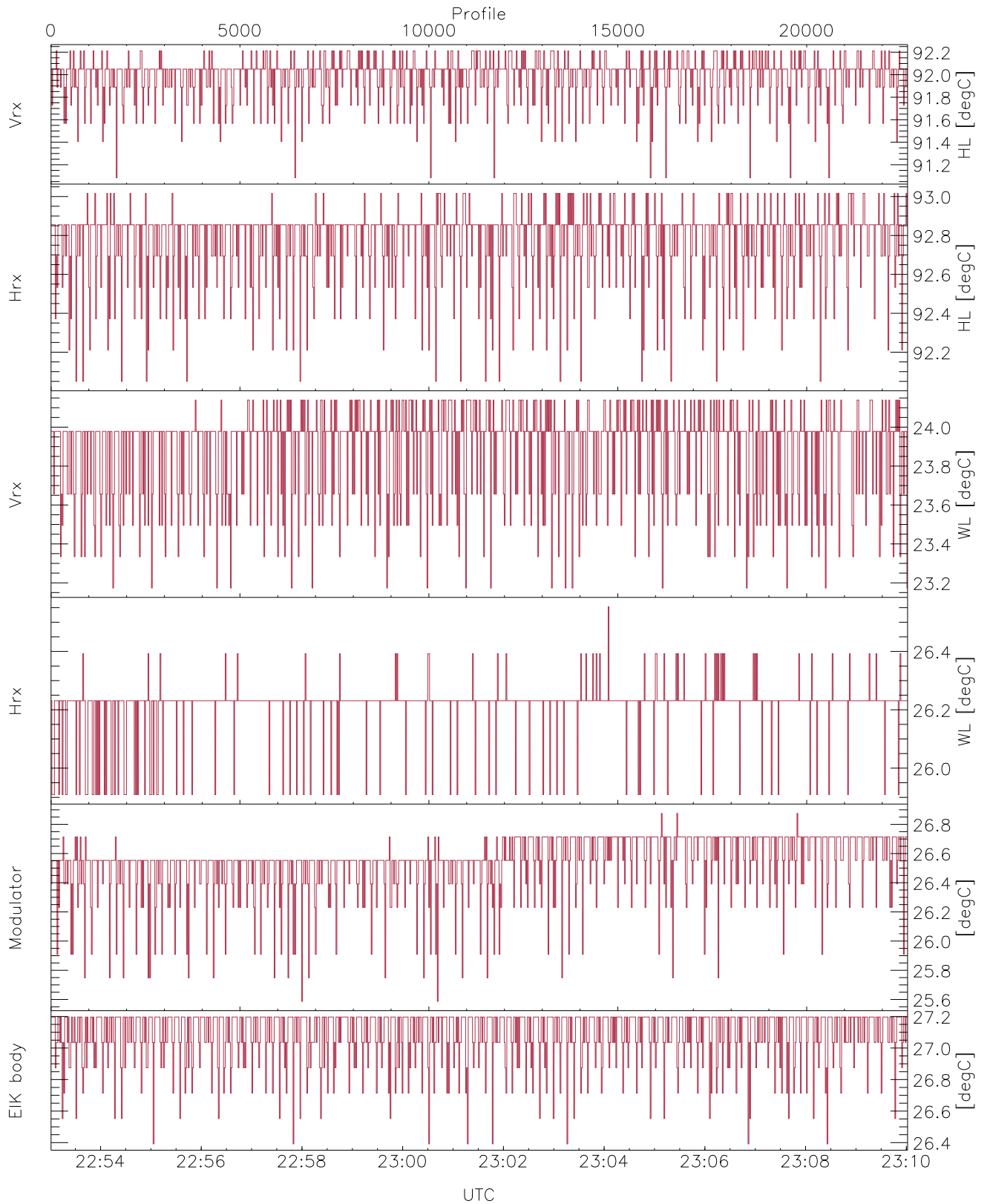


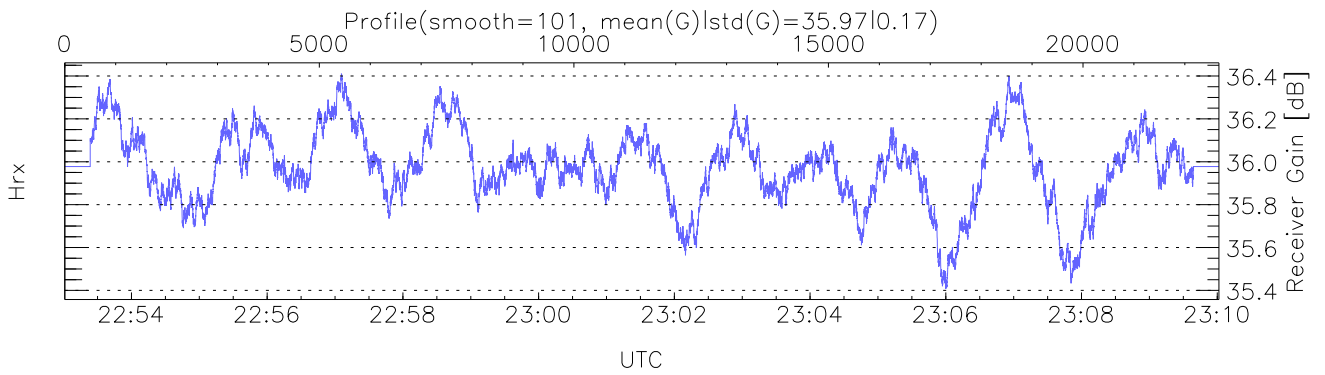
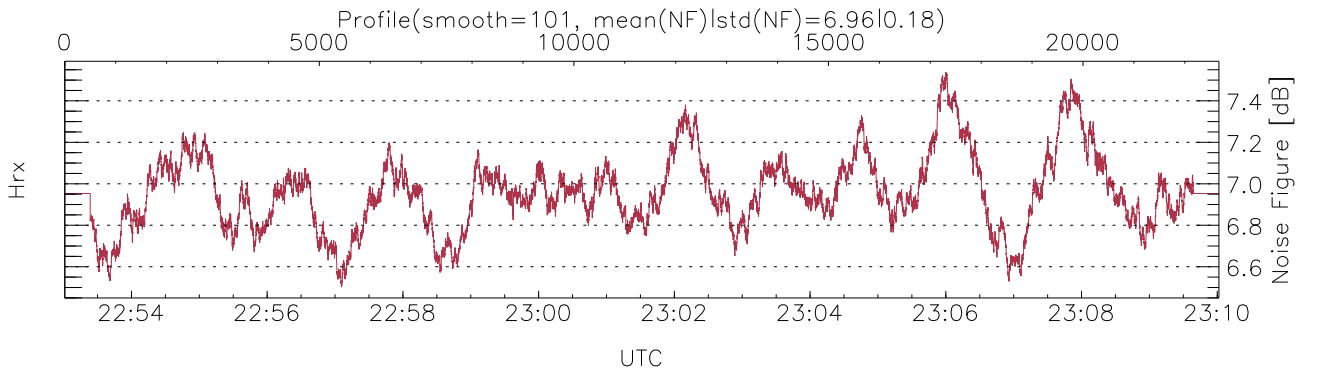
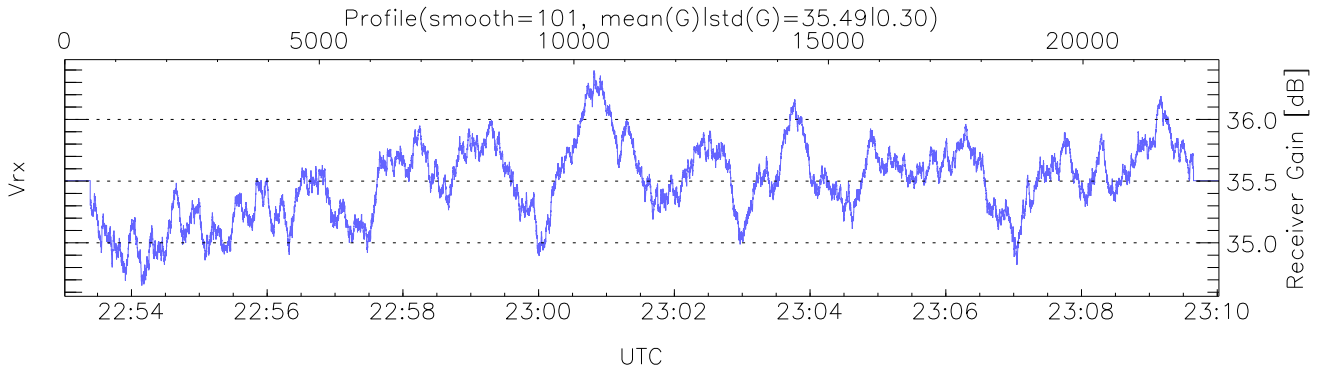
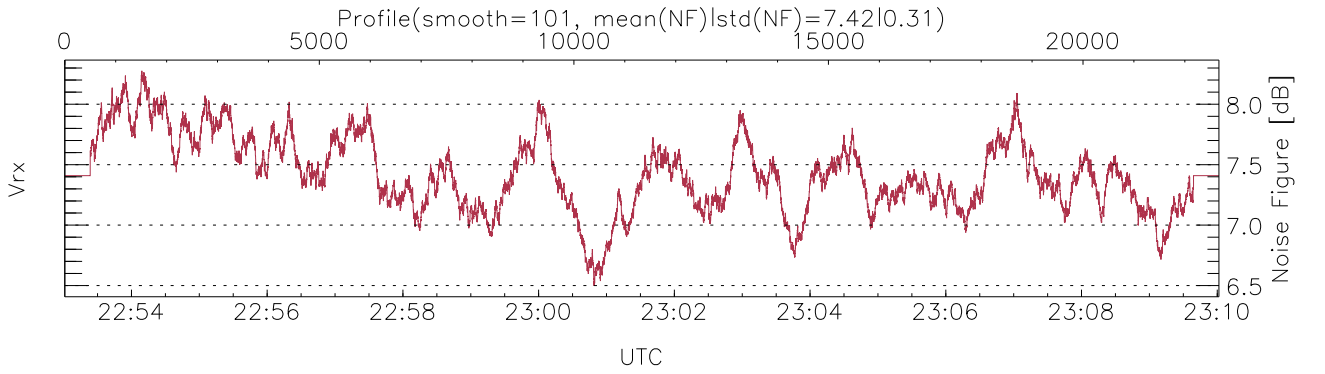
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:53:01-23:10:02, 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, 0-22671/22:53:01-23:10:02
 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



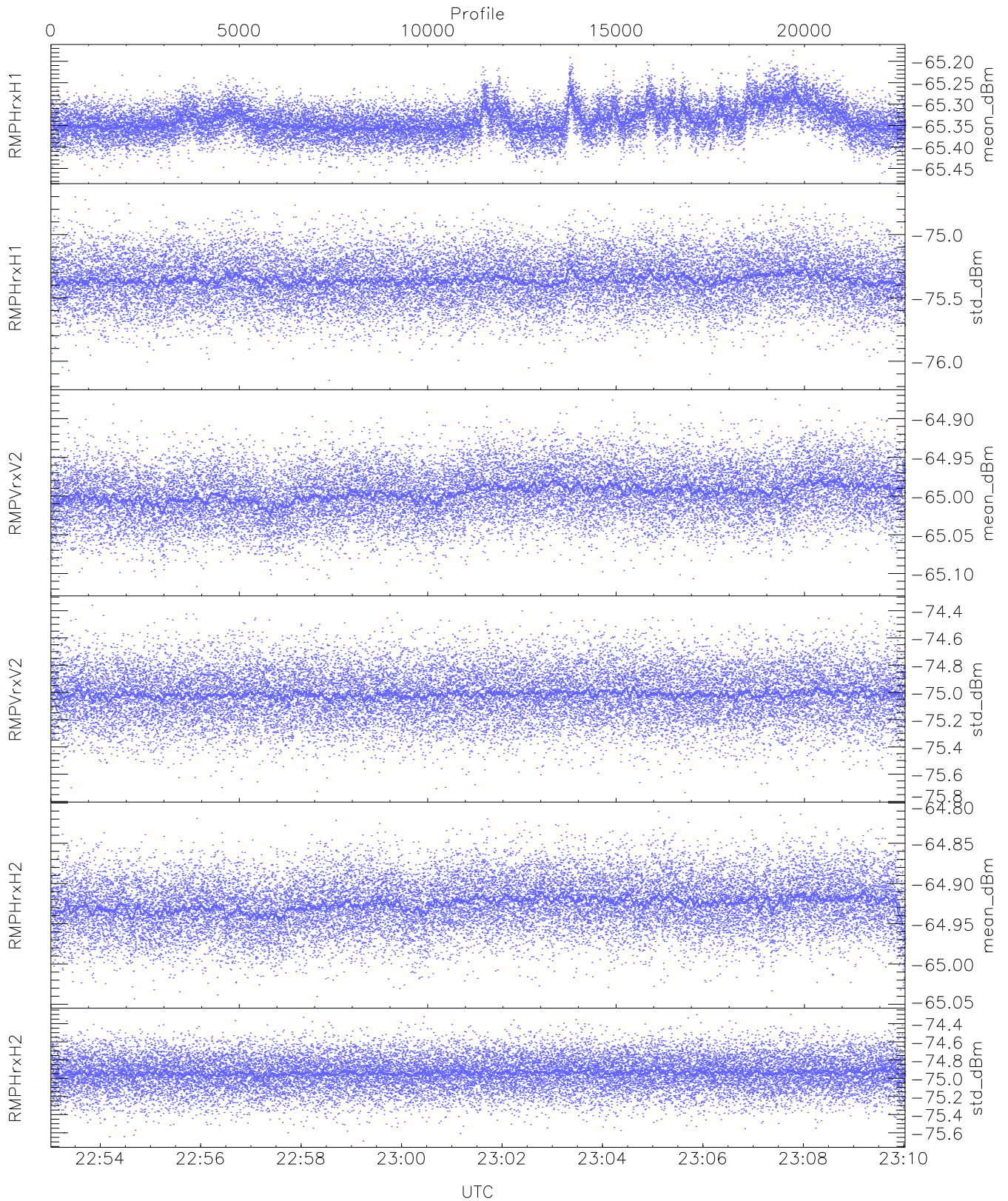
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,25,26`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,26,27`
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`
`EIK/Modulator Faults: None`



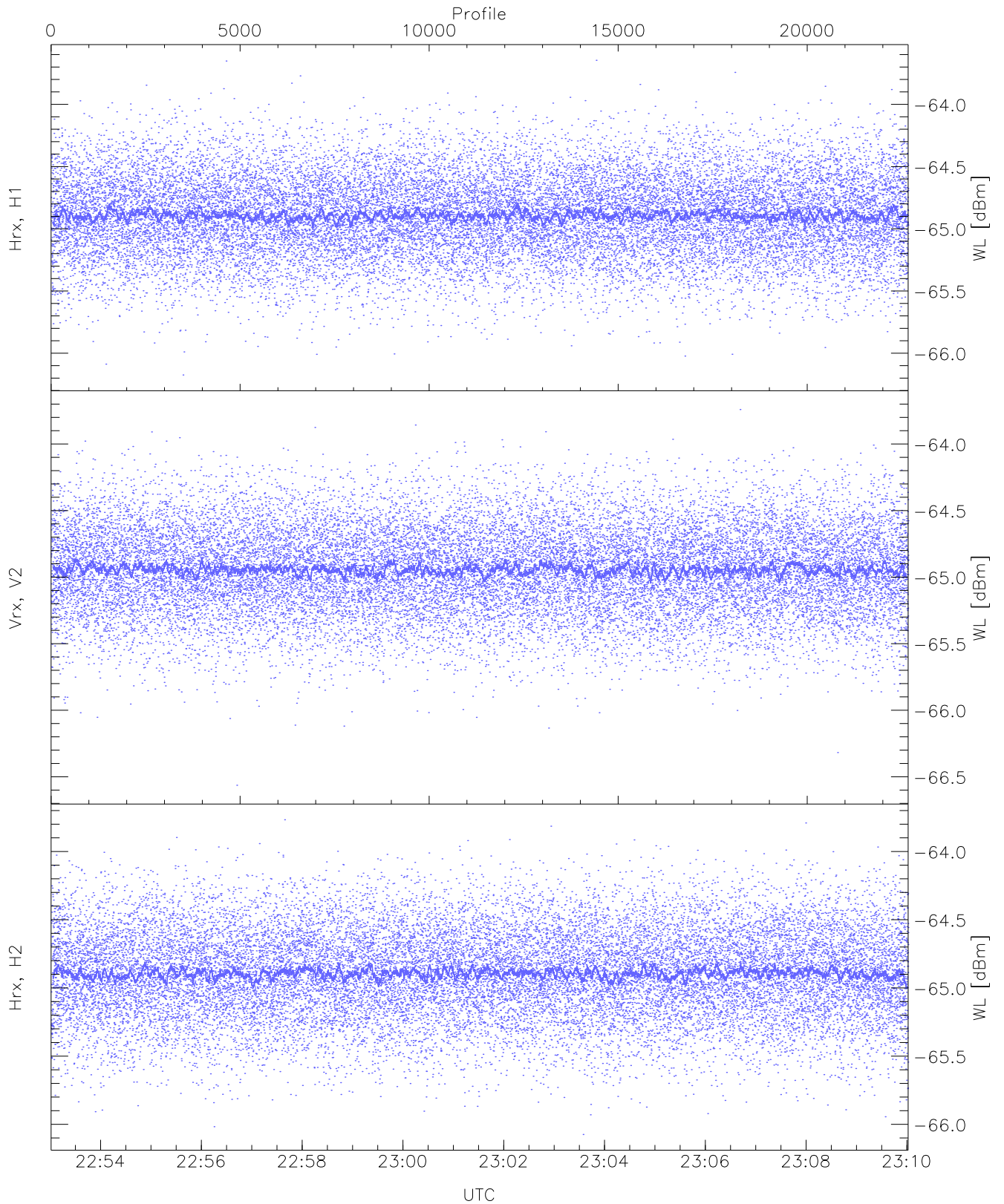
WCR3 CPP Receivers Gain and Noise Figure

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



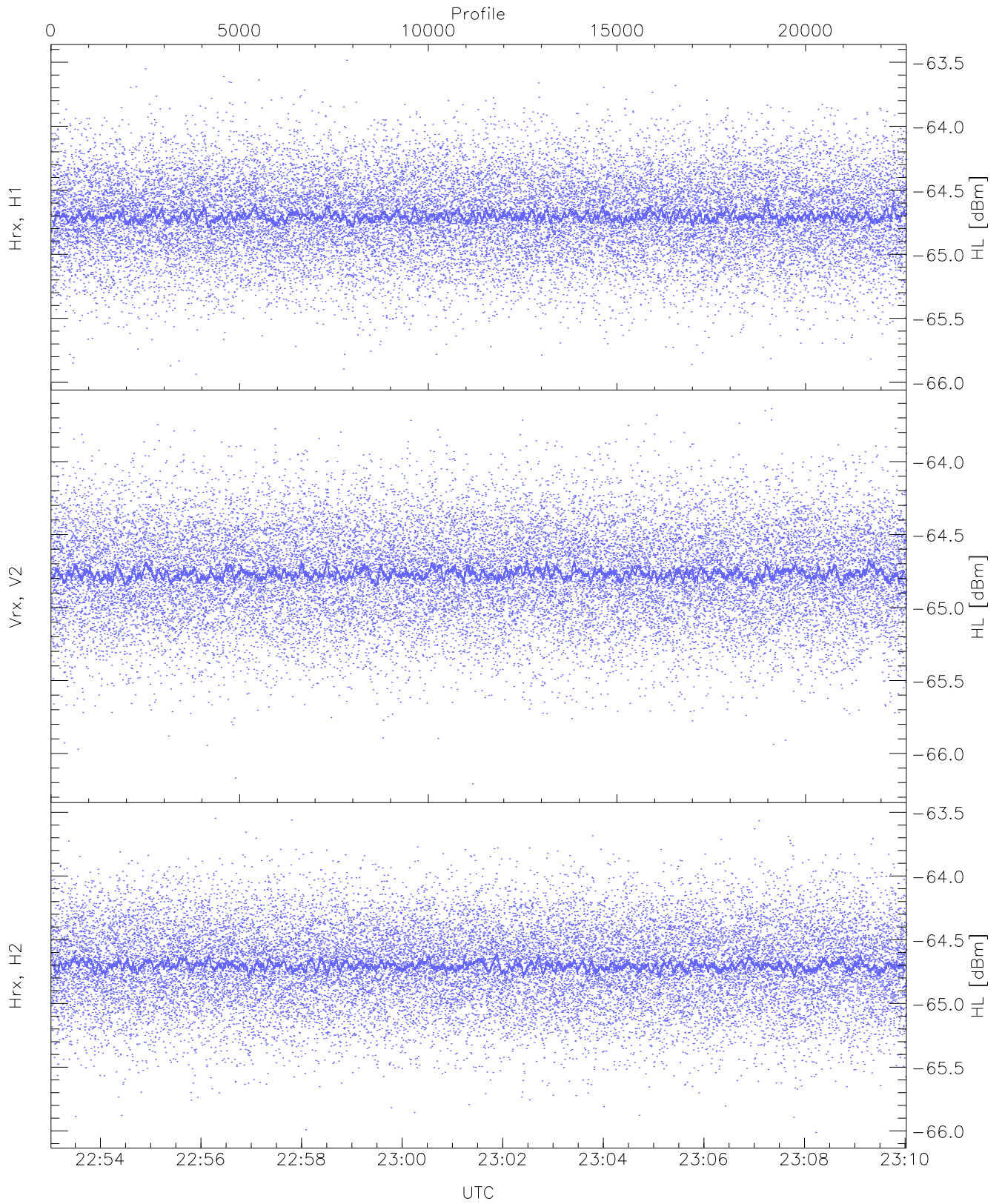
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.47	-65.18	-65.34	-65.34	-85.99
RMPHrxH1 (std_dBm)	-76.15	-74.67	-75.35	-75.36	-89.12
RMPVrxV2 (mean_dBm)	-65.12	-64.87	-65.00	-65.00	-86.38
RMPVrxV2 (std_dBm)	-75.74	-74.36	-75.01	-75.02	-88.81
RMPHrxH2 (mean_dBm)	-65.04	-64.81	-64.93	-64.93	-86.40
RMPHrxH2 (std_dBm)	-75.69	-74.30	-74.94	-74.94	-88.73



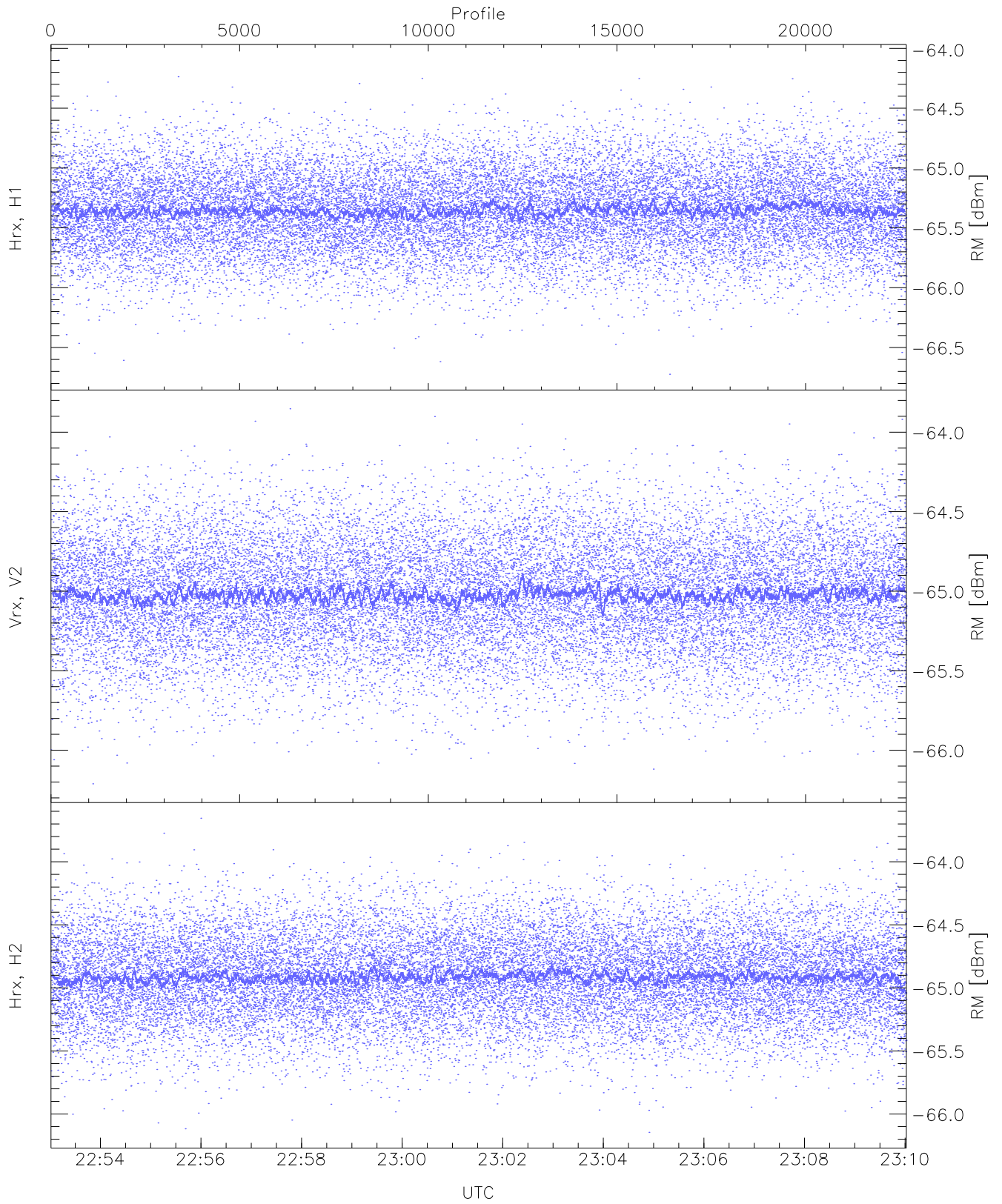
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.18	-63.65	-64.89	-64.89	-76.37
Vrx, V2 (WL [dBm])	-66.56	-63.74	-64.94	-64.94	-76.43
Hrx, H2 (WL [dBm])	-66.07	-63.77	-64.89	-64.90	-76.39



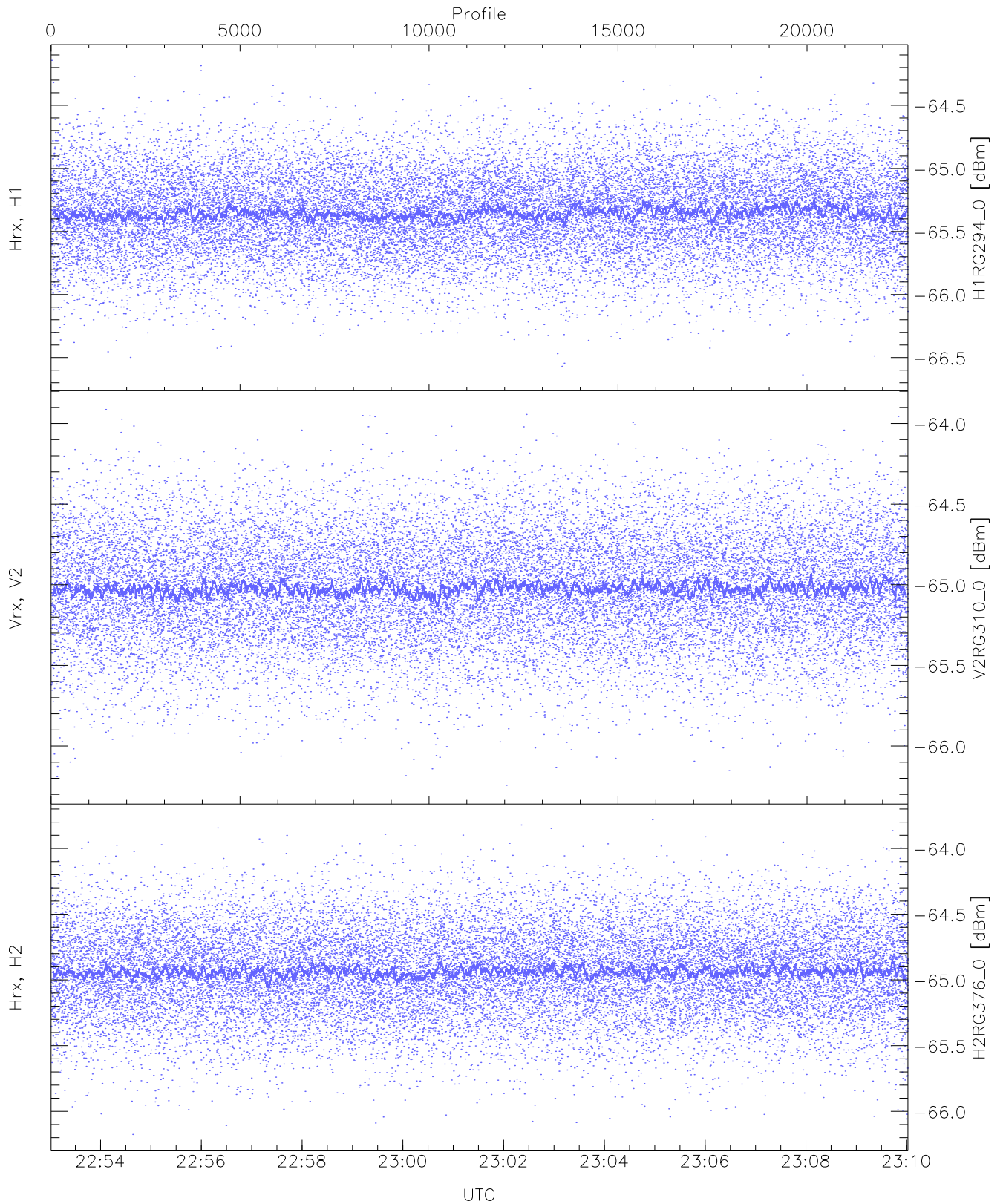
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.94	-63.48	-64.70	-64.70	-76.22
Vrx, V2 (HL [dBm])	-66.21	-63.64	-64.76	-64.77	-76.26
Hrx, H2 (HL [dBm])	-66.01	-63.55	-64.70	-64.70	-76.18



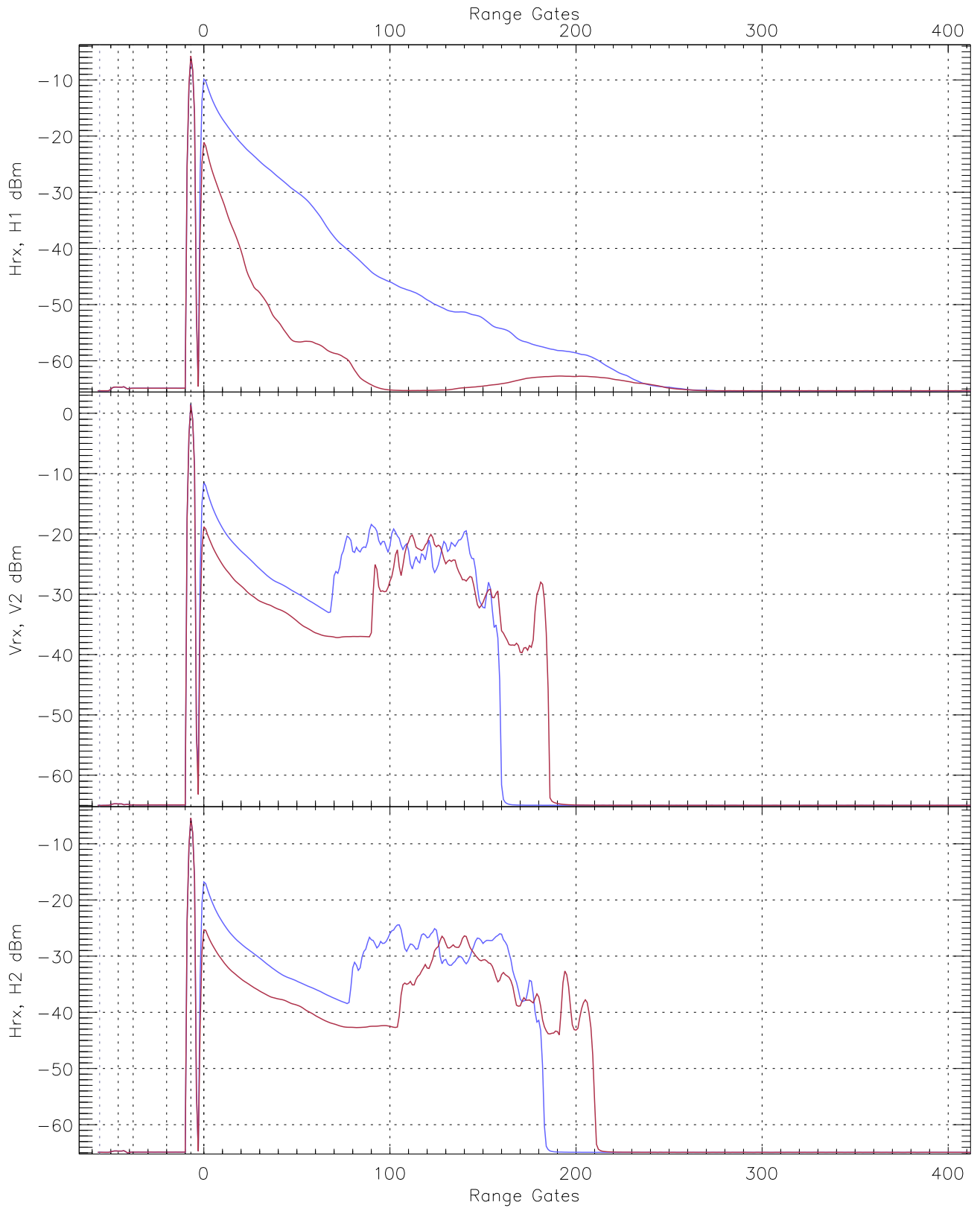
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.72	-64.10	-65.35	-65.36	-76.85
Vrx, V2 (RM [dBm])	-66.21	-63.85	-65.02	-65.02	-76.50
Hrx, H2 (RM [dBm])	-66.15	-63.66	-64.91	-64.92	-76.44

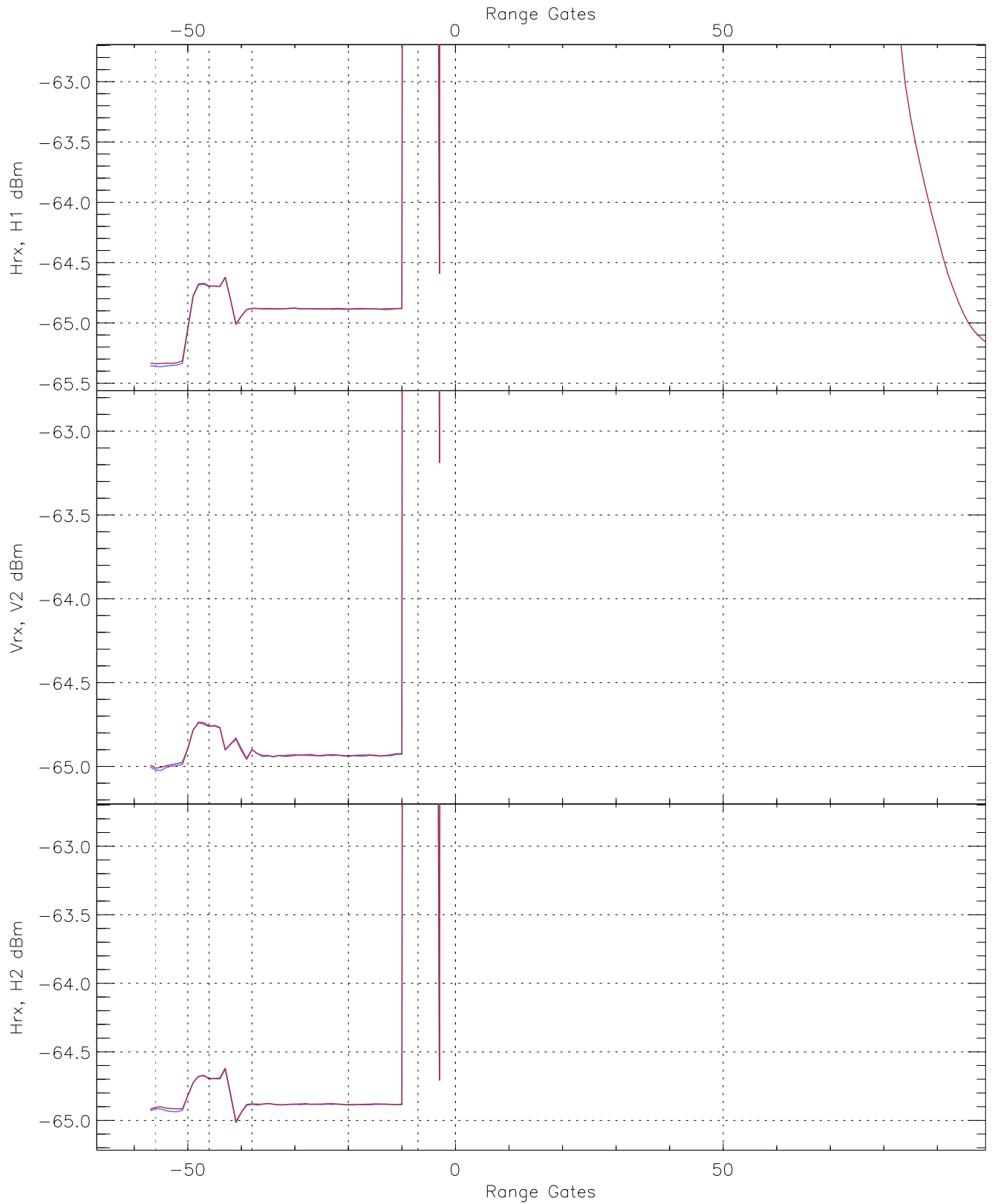


WCR3 CPP "Best" estimate Receivers Noise Power

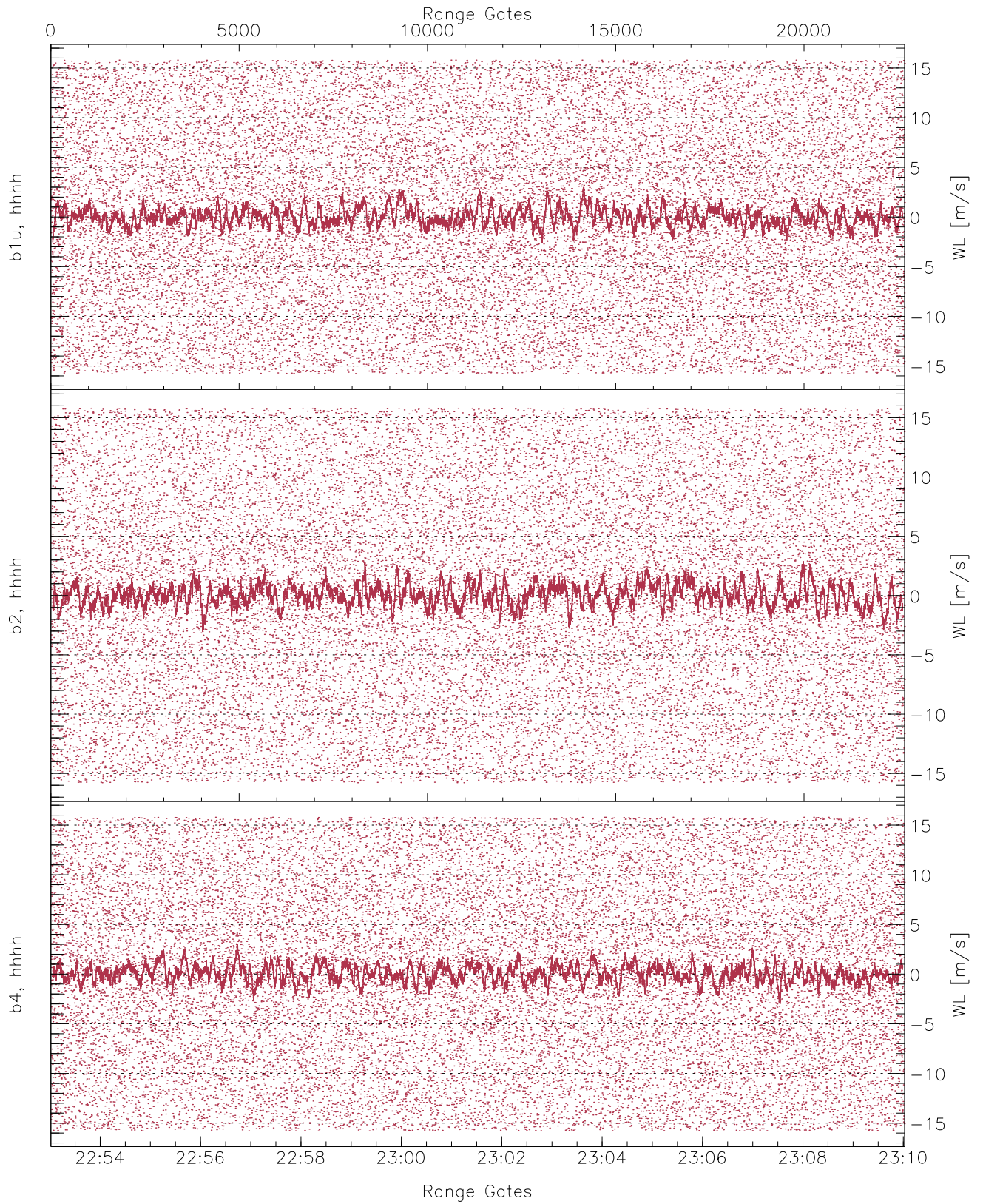
	Min	Max	Mean	Median	StDev
H1RG294_0 [dBm]	-66.64	-64.14	-65.35	-65.36	-76.82
V2RG310_0 [dBm]	-66.24	-63.91	-65.02	-65.02	-76.48
H2RG376_0 [dBm]	-66.18	-63.78	-64.93	-64.94	-76.39



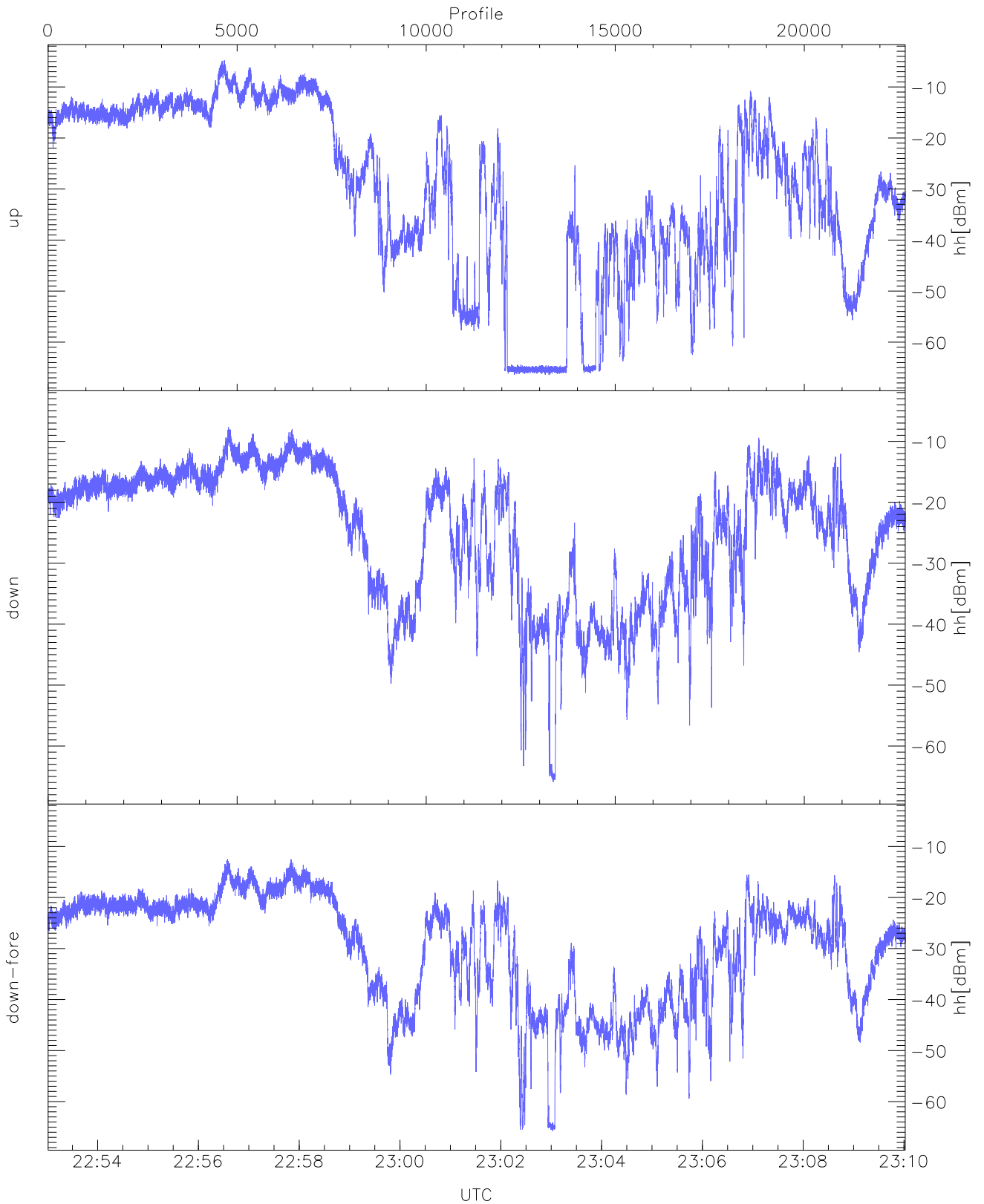
WCR3 CPP Averaged Received power for all recorded gates
blue: 225301-230131, 11337 profiles averaged
red: 230131-231002, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 225301-230131, 11337 profiles averaged
red: 230131-231002, 11336 profiles averaged

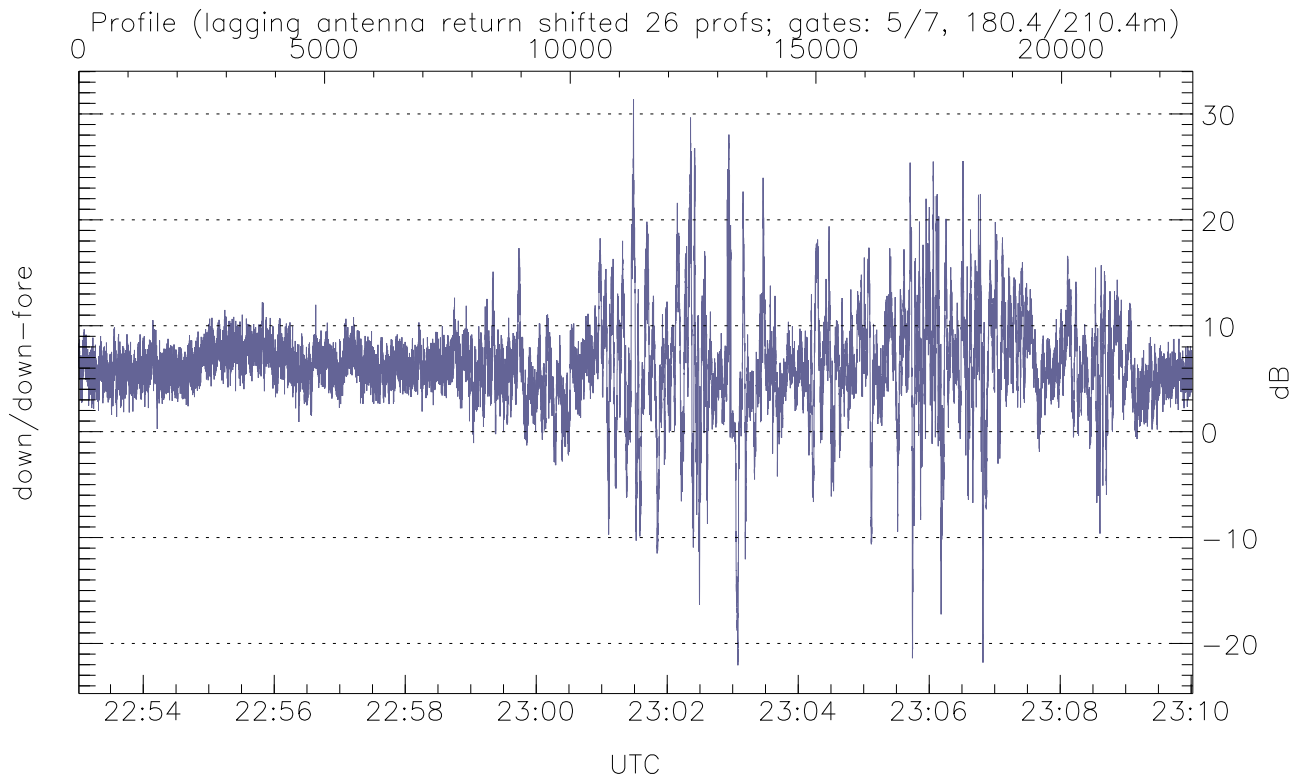
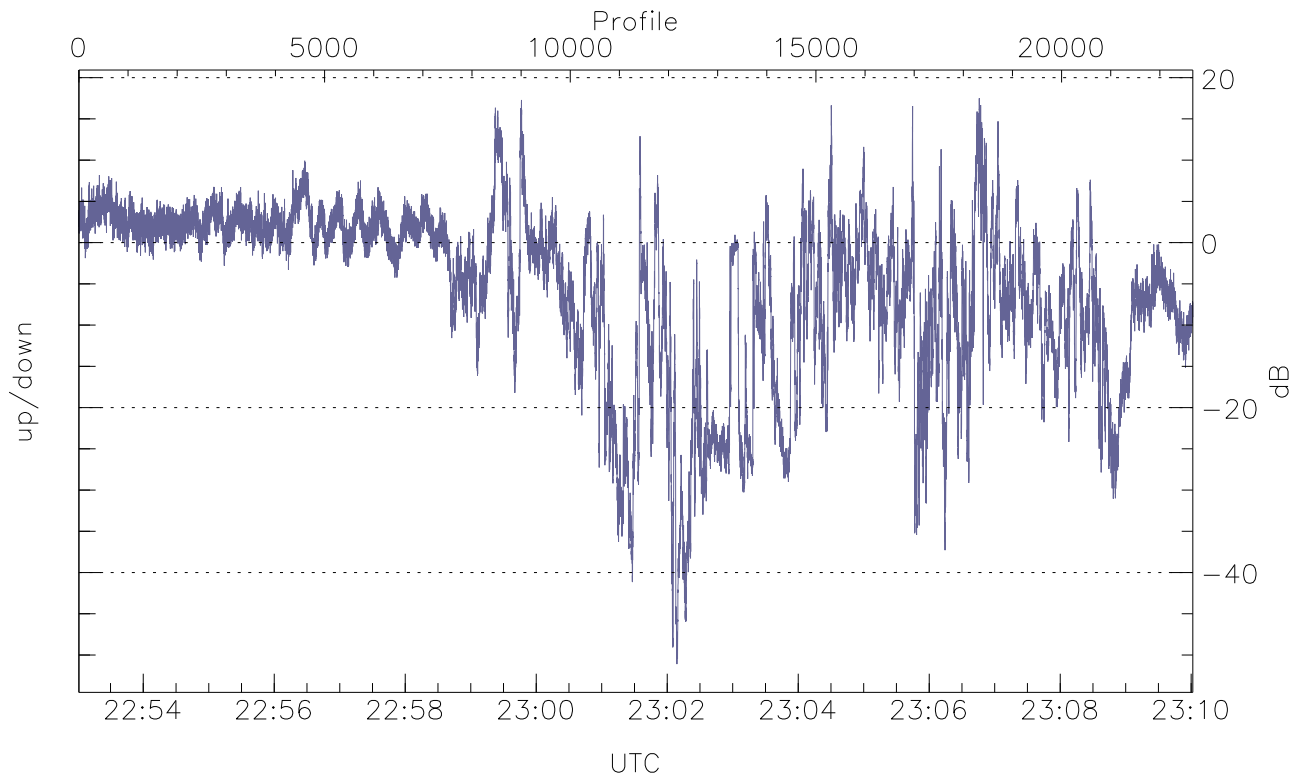


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



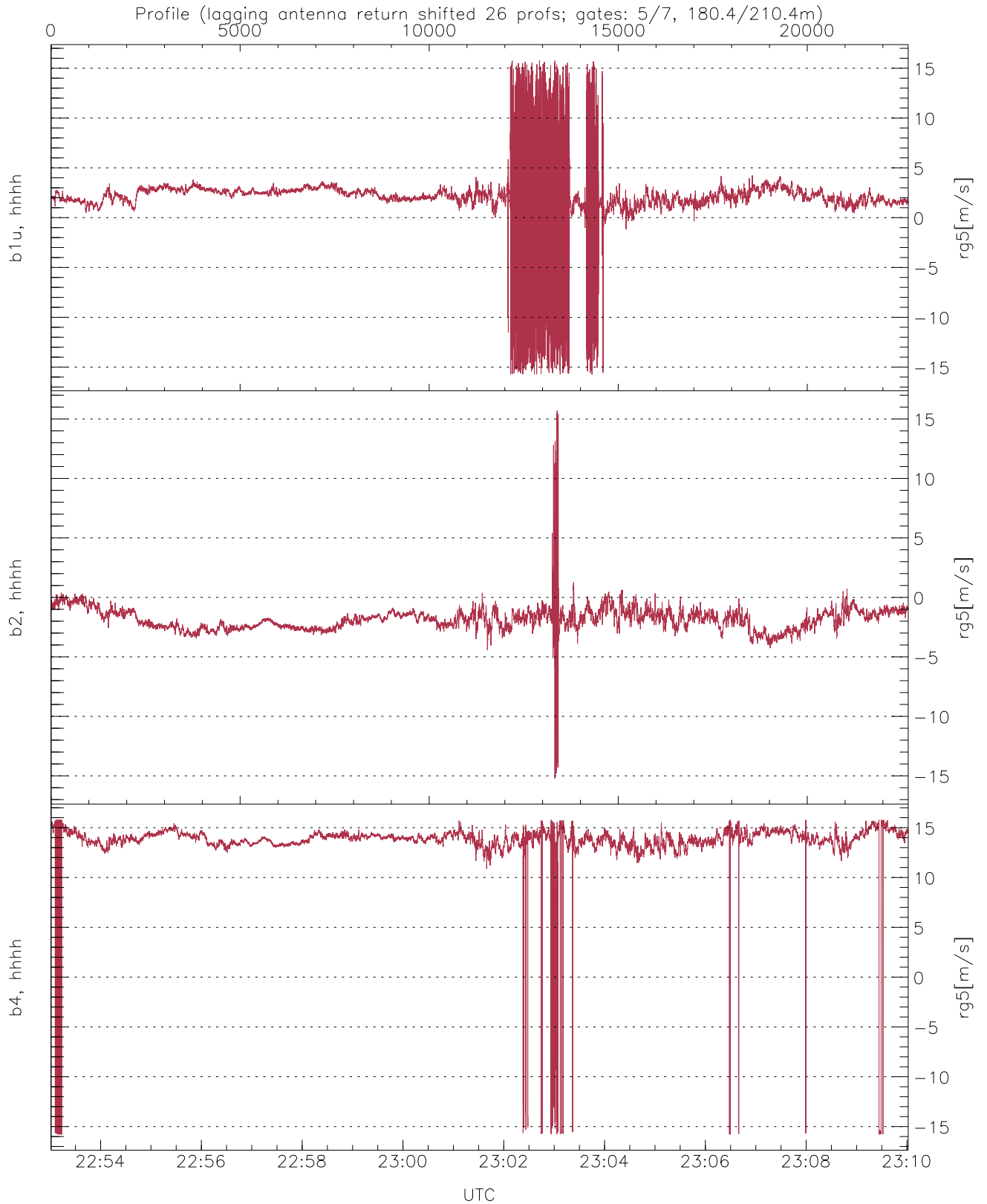
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.44	-4.77	-16.68
down(hh[dBm])	-65.87	-7.67	-17.99
down-fore(hh[dBm])	-65.77	-12.50	-23.09



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

	Min	Max	Mean
up/down (dB)	-51.10	17.50	-5.78
down/down-fore (dB)	-22.06	31.36	6.21



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.74	15.77	1.98	2.66
b2, hhhh(rg5[m/s])	-15.23	15.68	-1.83	1.01
b4, hhhh(rg5[m/s])	-15.79	15.79	13.57	3.08