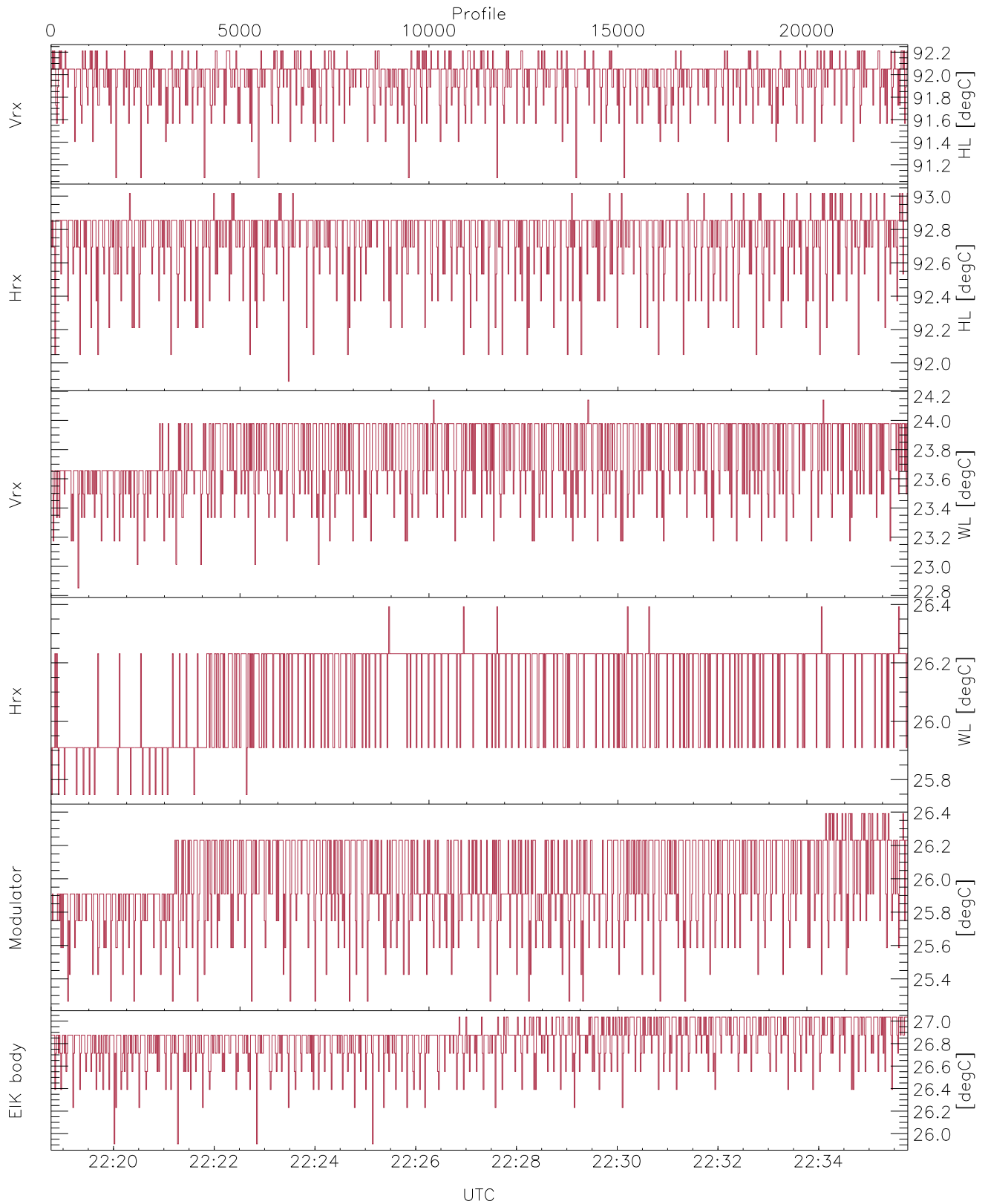


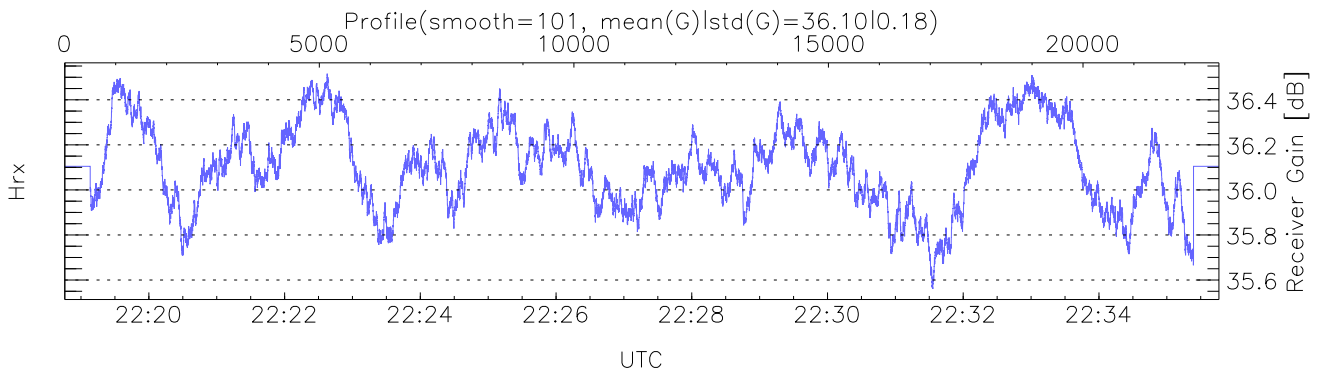
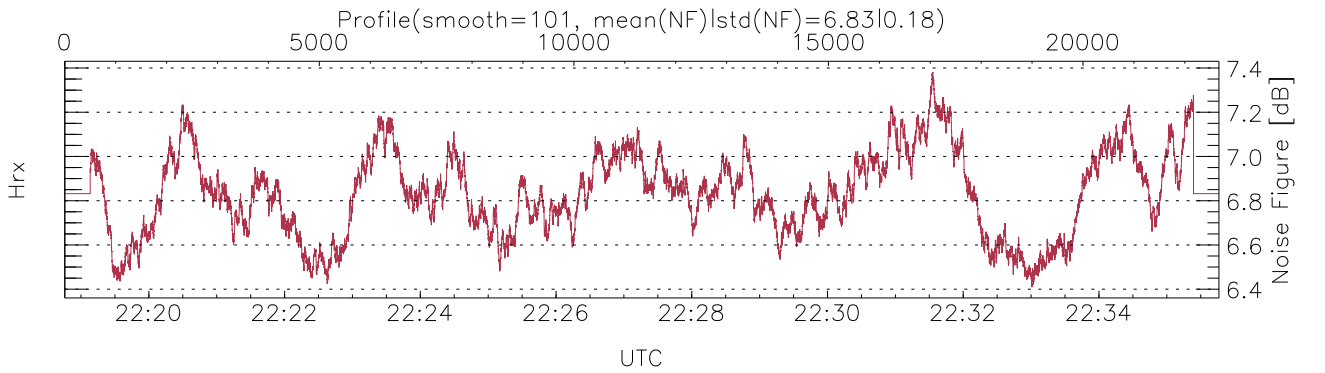
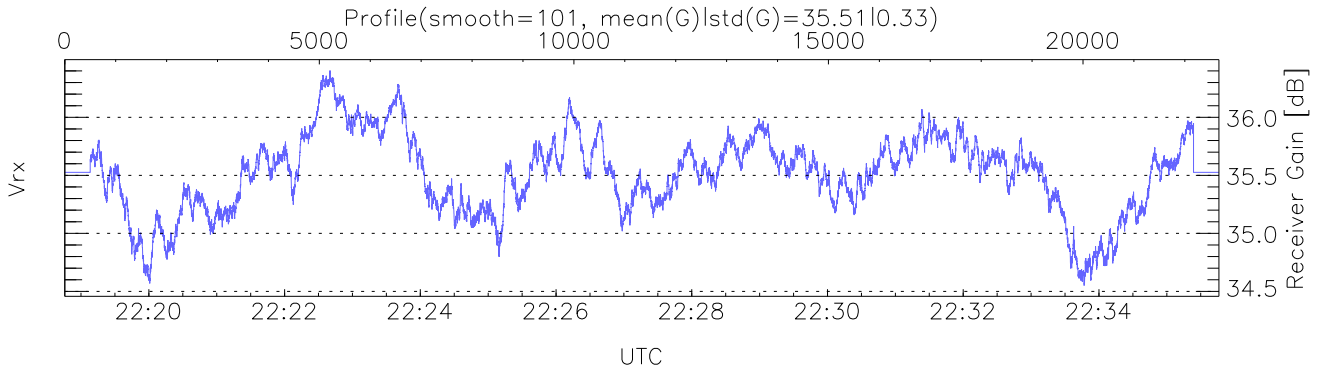
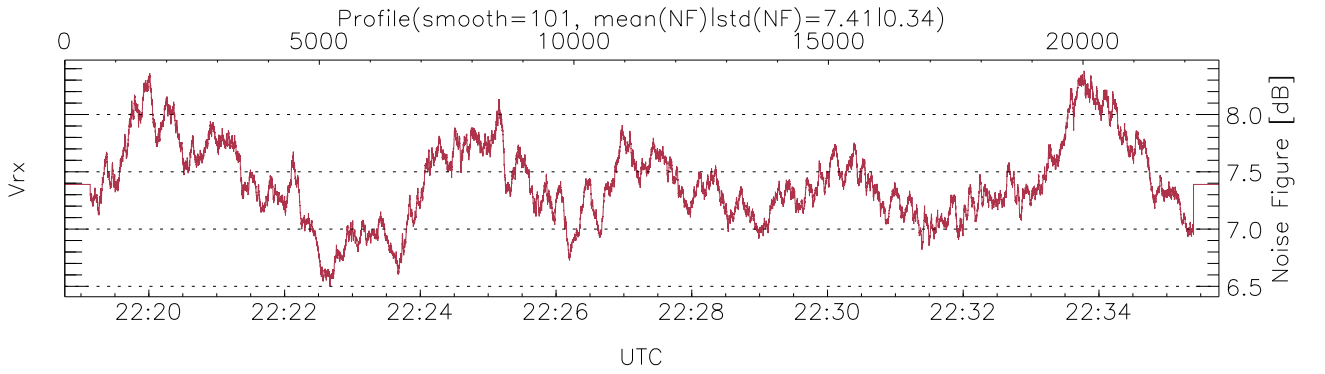
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:18:46-22:35:46, 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, 0-22671/22:18:46-22:35:46
 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



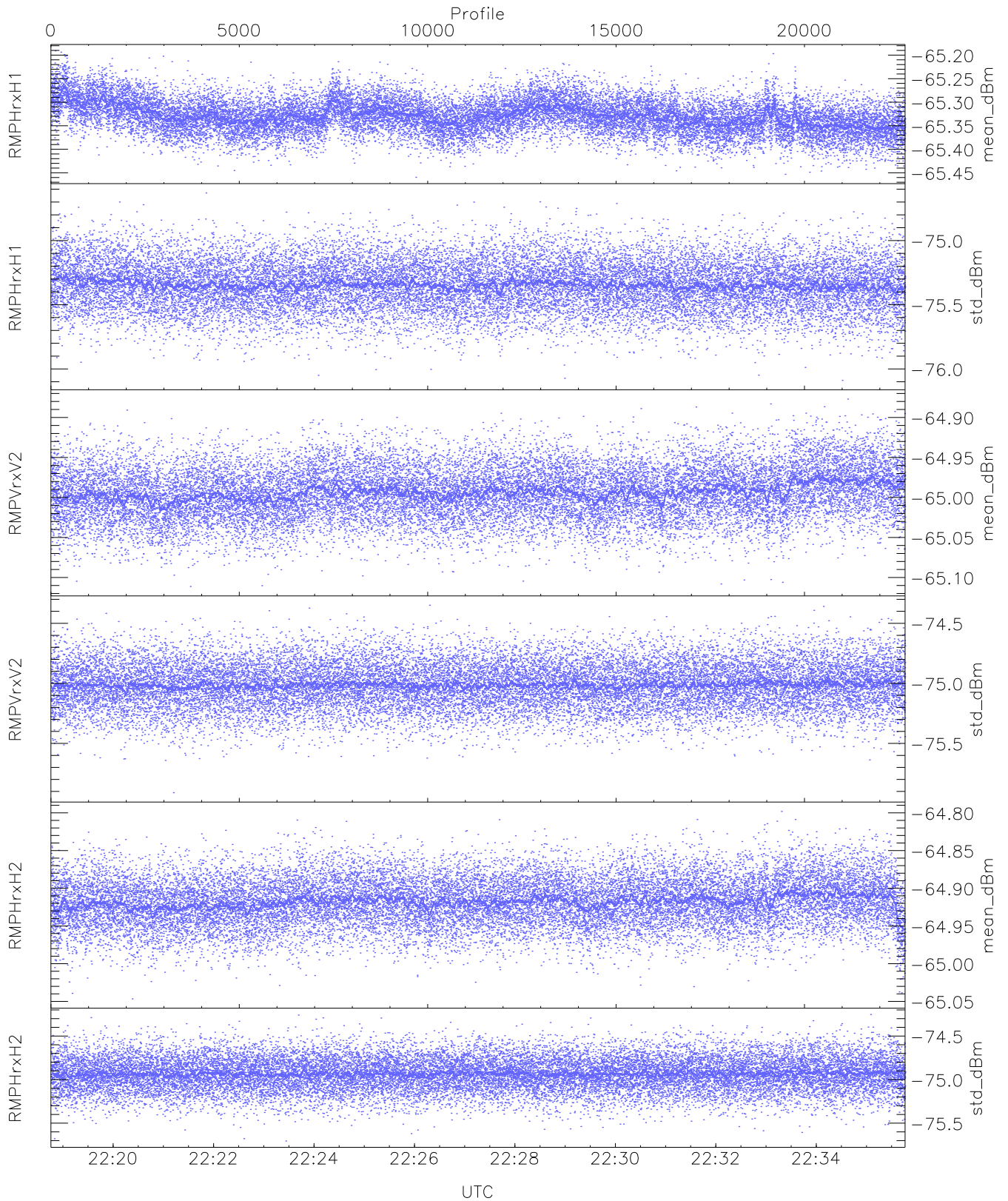
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,91,22,25,25,25`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,26,27`
`LOalarm(20,240,2817,14861 MHz): 0,0,44,0`
`EIK/Modulator Faults: None`



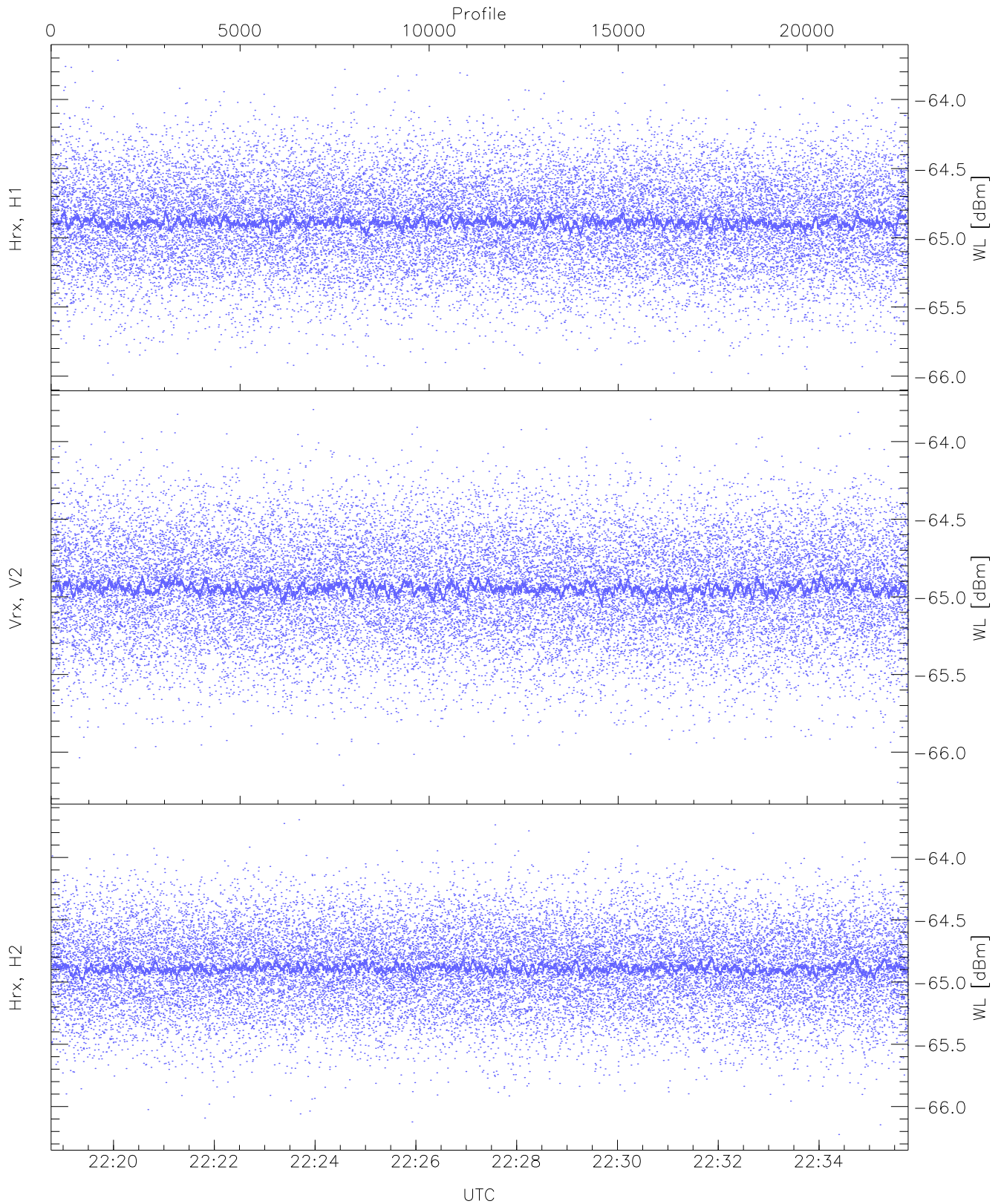
WCR3 CPP Receivers Gain and Noise Figure

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



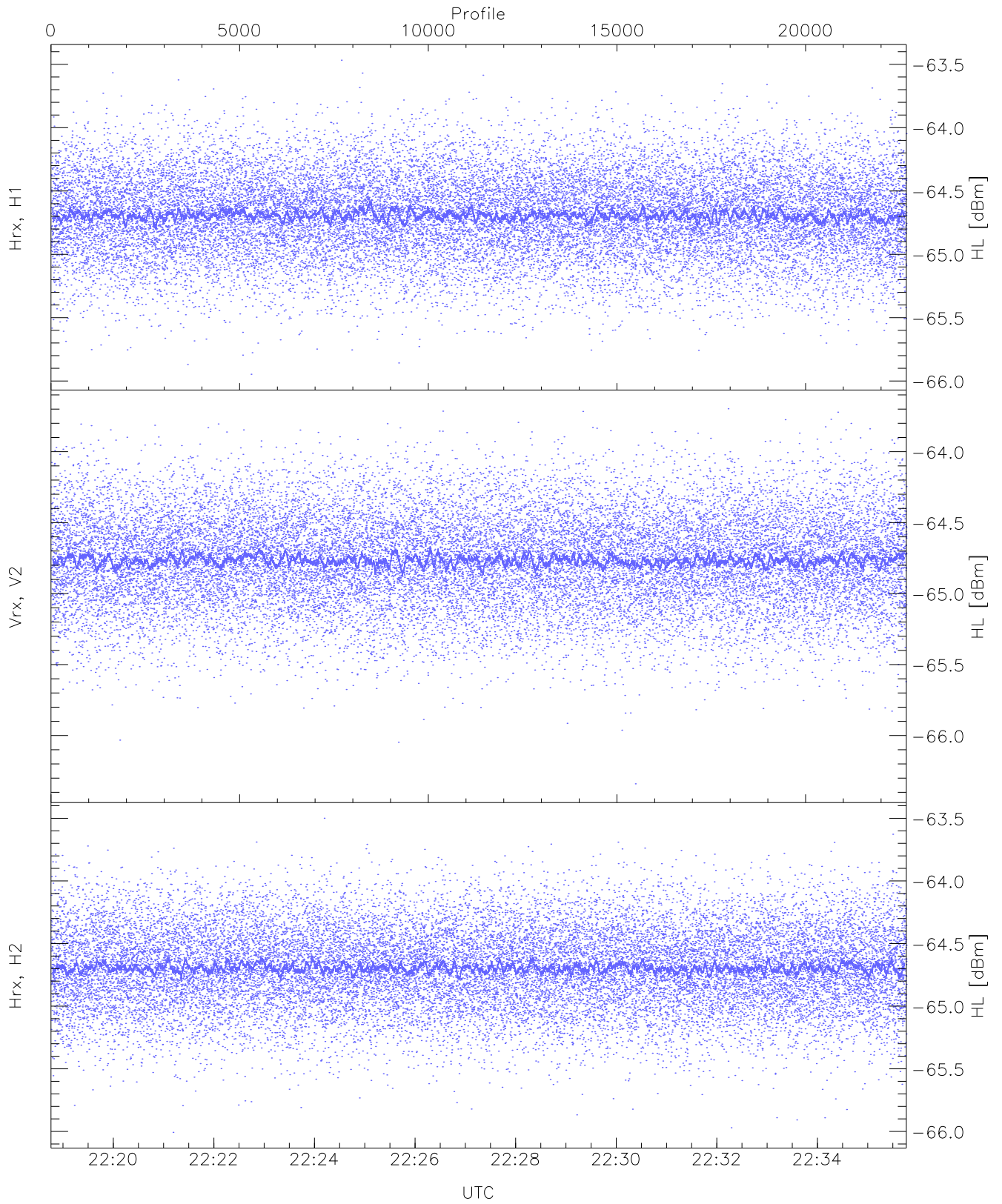
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.46	-65.19	-65.33	-65.33	-86.30
RMPHrxH1(std_dBm)	-76.09	-74.63	-75.34	-75.35	-89.13
RMPVrxV2(mean_dBm)	-65.11	-64.88	-64.99	-64.99	-86.45
RMPVrxV2(std_dBm)	-75.91	-74.35	-75.01	-75.02	-88.81
RMPHrxH2(mean_dBm)	-65.05	-64.80	-64.92	-64.92	-86.44
RMPHrxH2(std_dBm)	-75.70	-74.25	-74.93	-74.94	-88.70



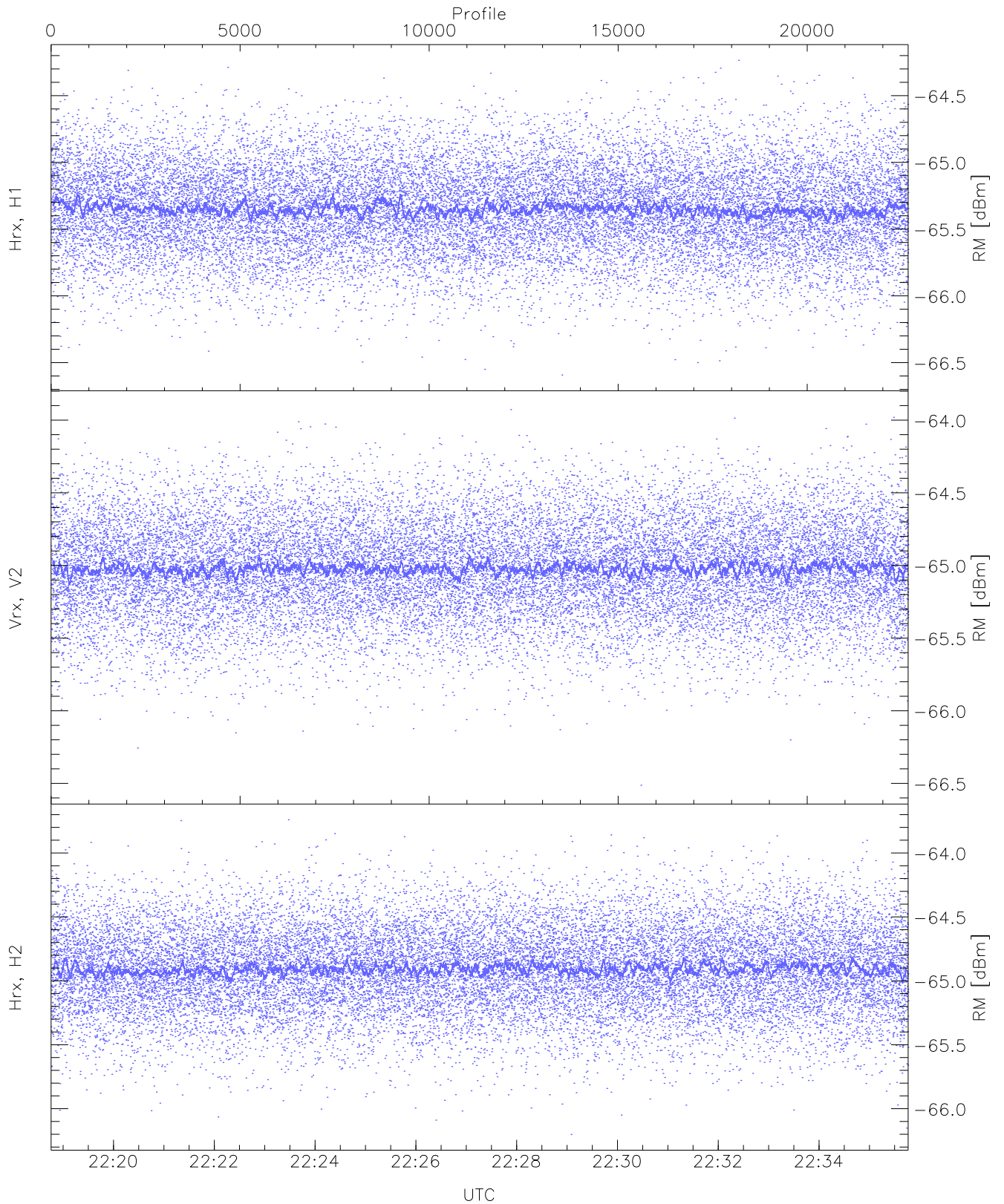
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.99	-63.72	-64.88	-64.89	-76.41
Vrx, V2 (WL [dBm])	-66.21	-63.79	-64.94	-64.94	-76.43
Hrx, H2 (WL [dBm])	-66.22	-63.70	-64.88	-64.89	-76.39



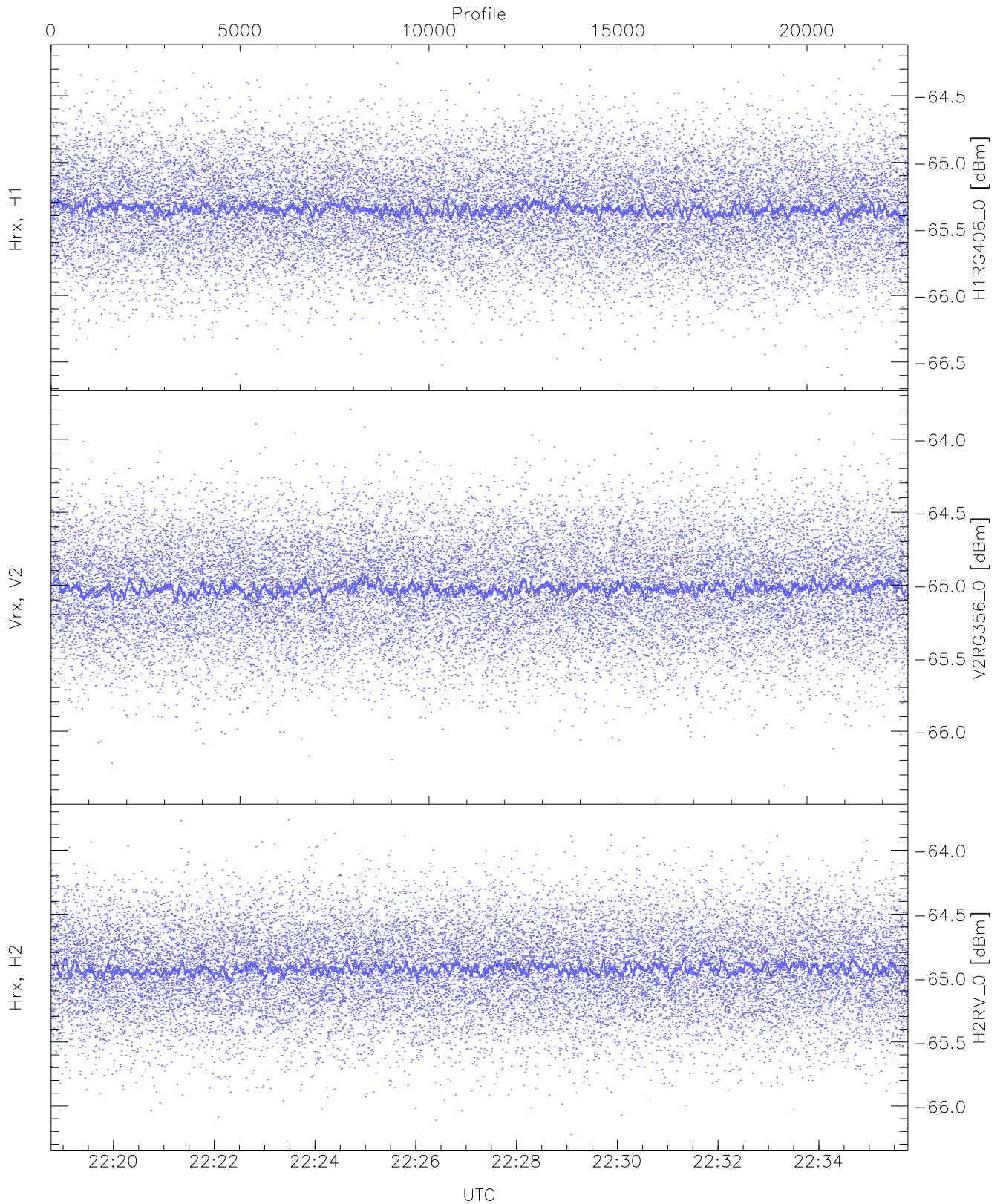
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.95	-63.47	-64.68	-64.69	-76.17
Vrx, V2 (HL [dBm])	-66.34	-63.70	-64.76	-64.76	-76.25
Hrx, H2 (HL [dBm])	-66.01	-63.50	-64.69	-64.70	-76.18



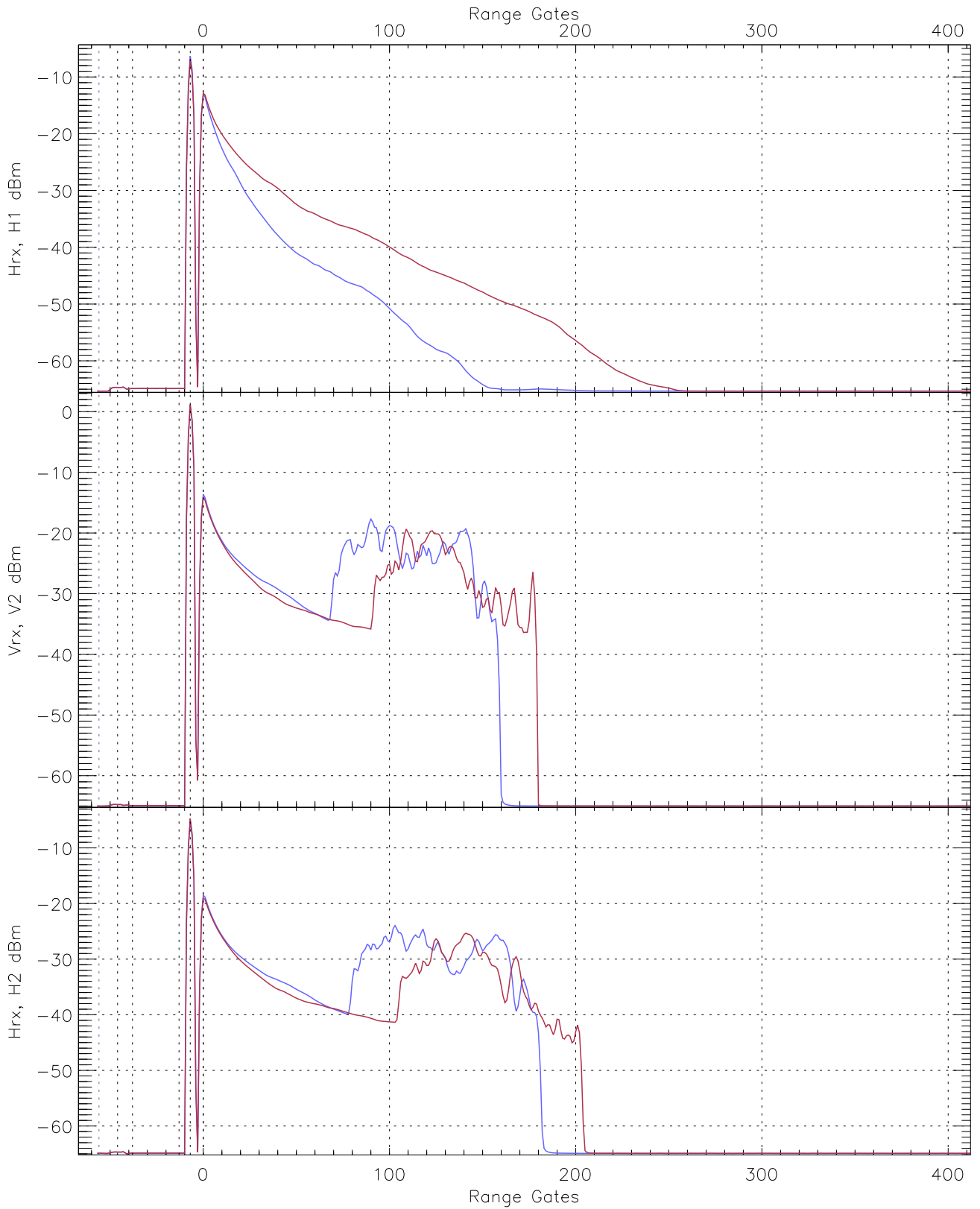
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.59	-64.24	-65.34	-65.35	-76.82
Vrx, V2 (RM [dBm])	-66.51	-63.93	-65.01	-65.02	-76.53
Hrx, H2 (RM [dBm])	-66.20	-63.74	-64.90	-64.91	-76.37

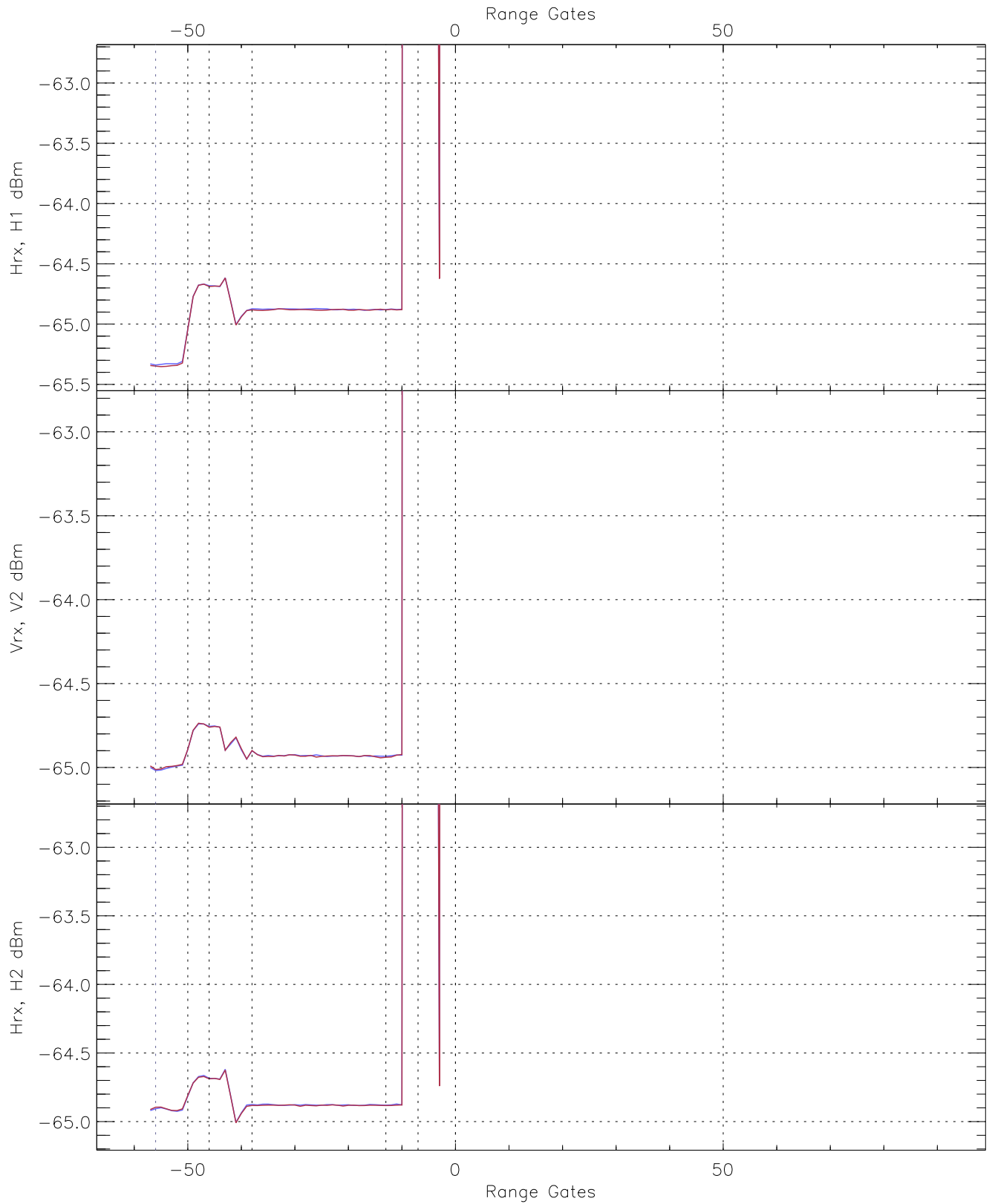


WCR3 CPP "Best" estimate Receivers Noise Power

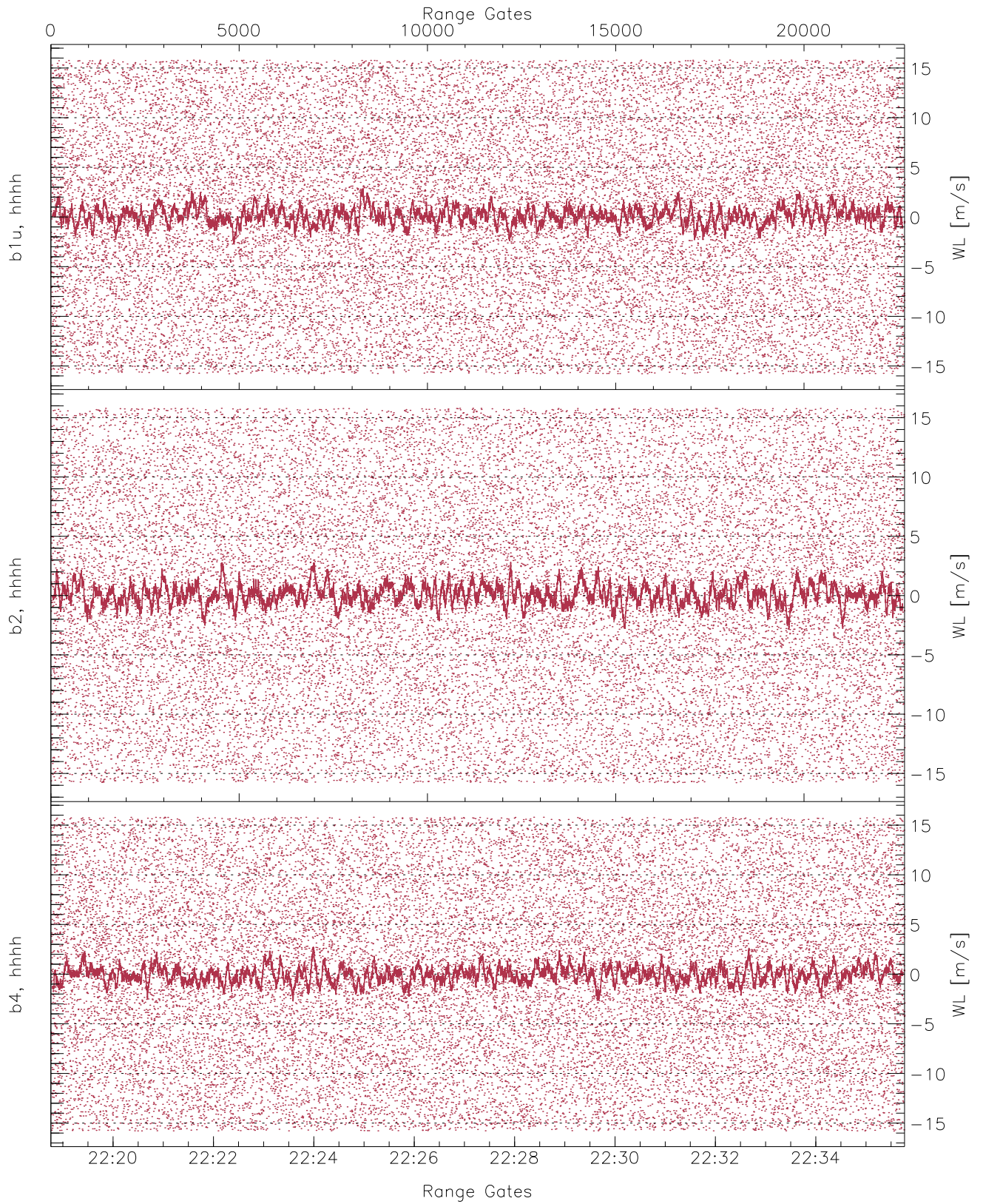
	Min	Max	Mean	Median	StDev
H1RG406_0 [dBm]	-66.60	-64.23	-65.34	-65.35	-76.82
V2RG356_0 [dBm]	-66.37	-63.80	-65.01	-65.02	-76.53
H2RM_0 [dBm]	-66.22	-63.76	-64.92	-64.93	-76.40



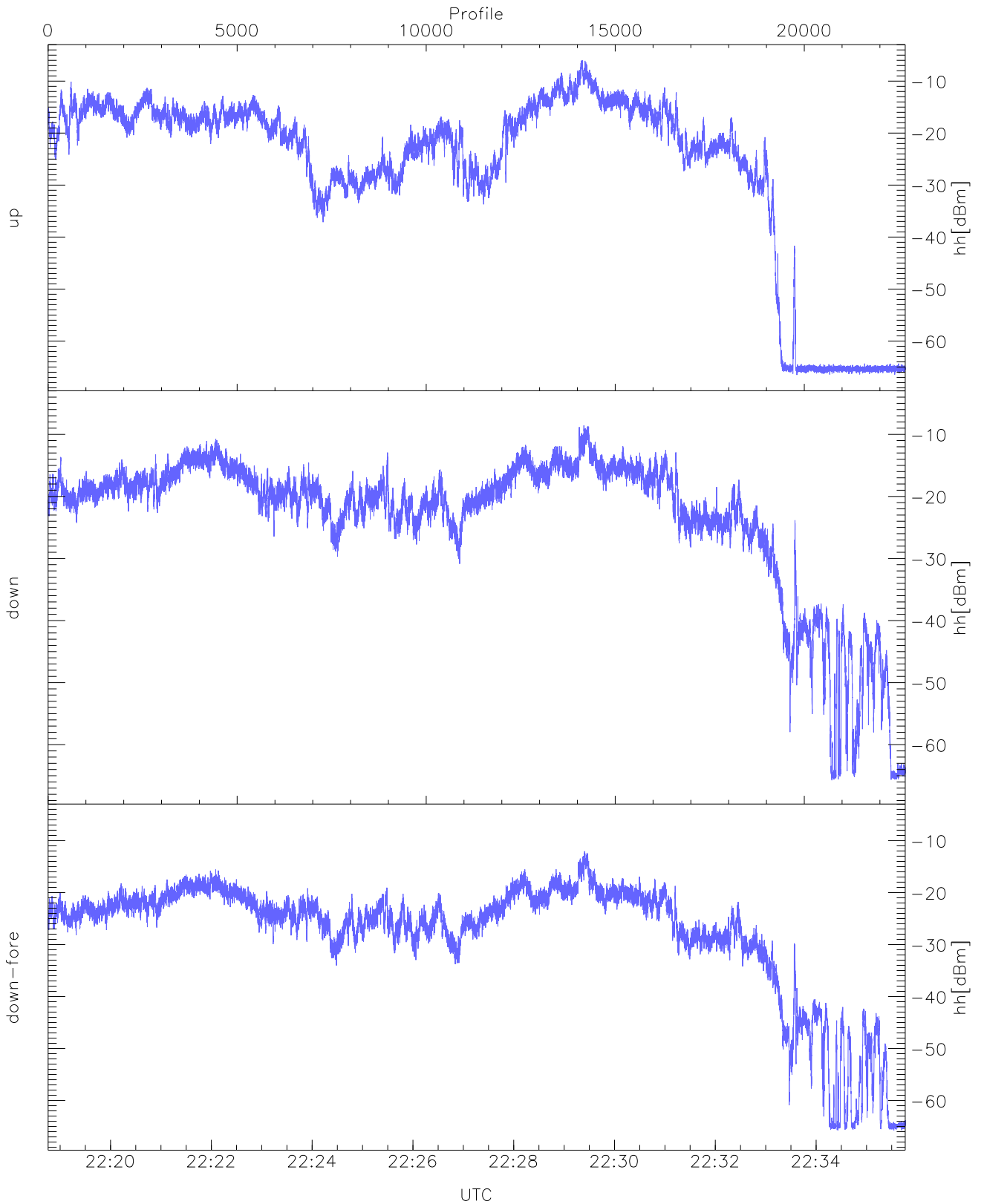
WCR3 CPP Averaged Received power for all recorded gates
blue: 221846-222716, 11337 profiles averaged
red: 222716-223546, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 221846-222716, 11337 profiles averaged
red: 222716-223546, 11336 profiles averaged

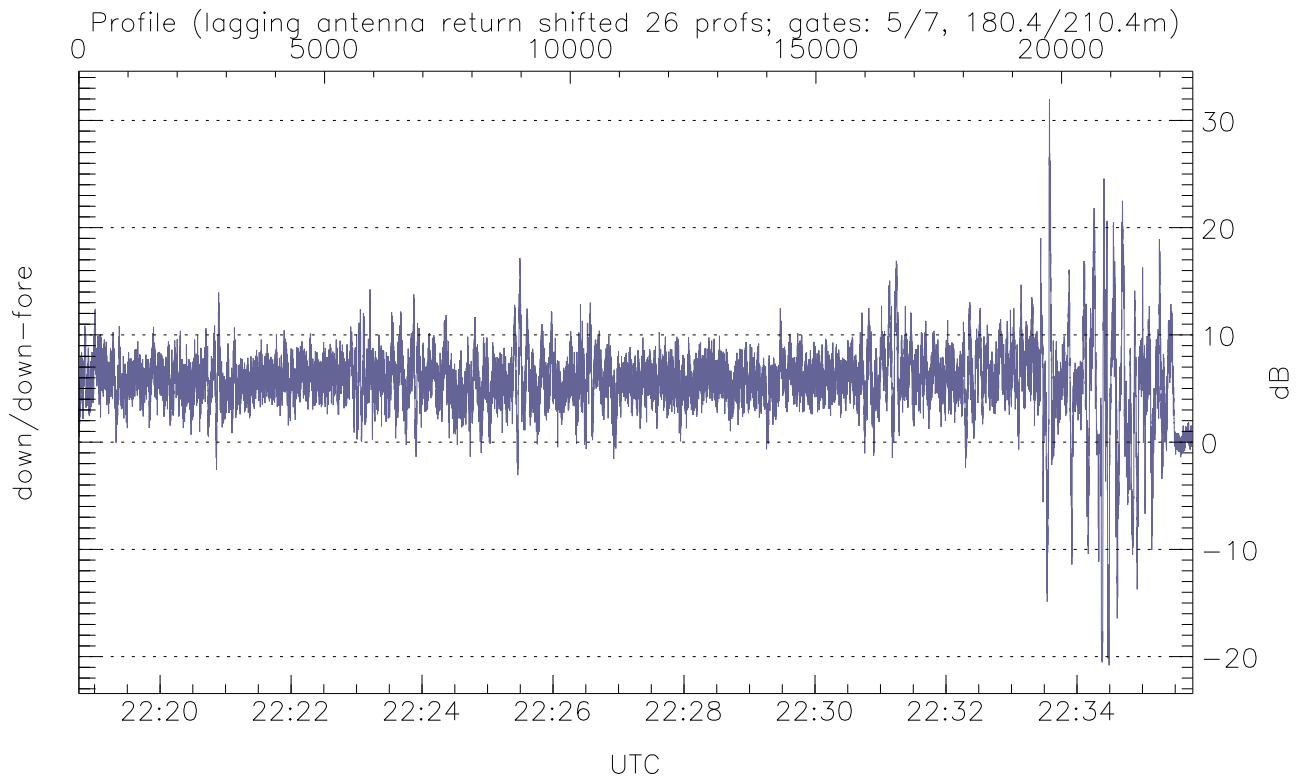
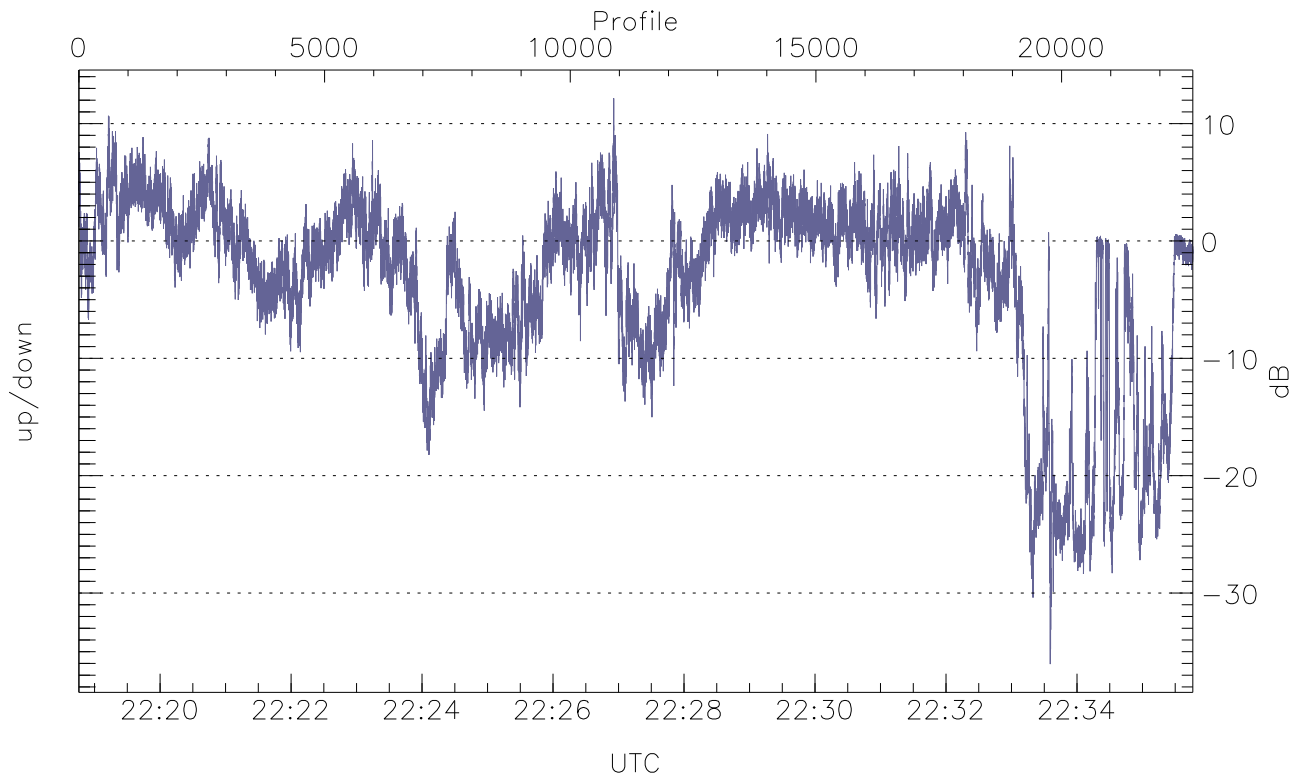


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



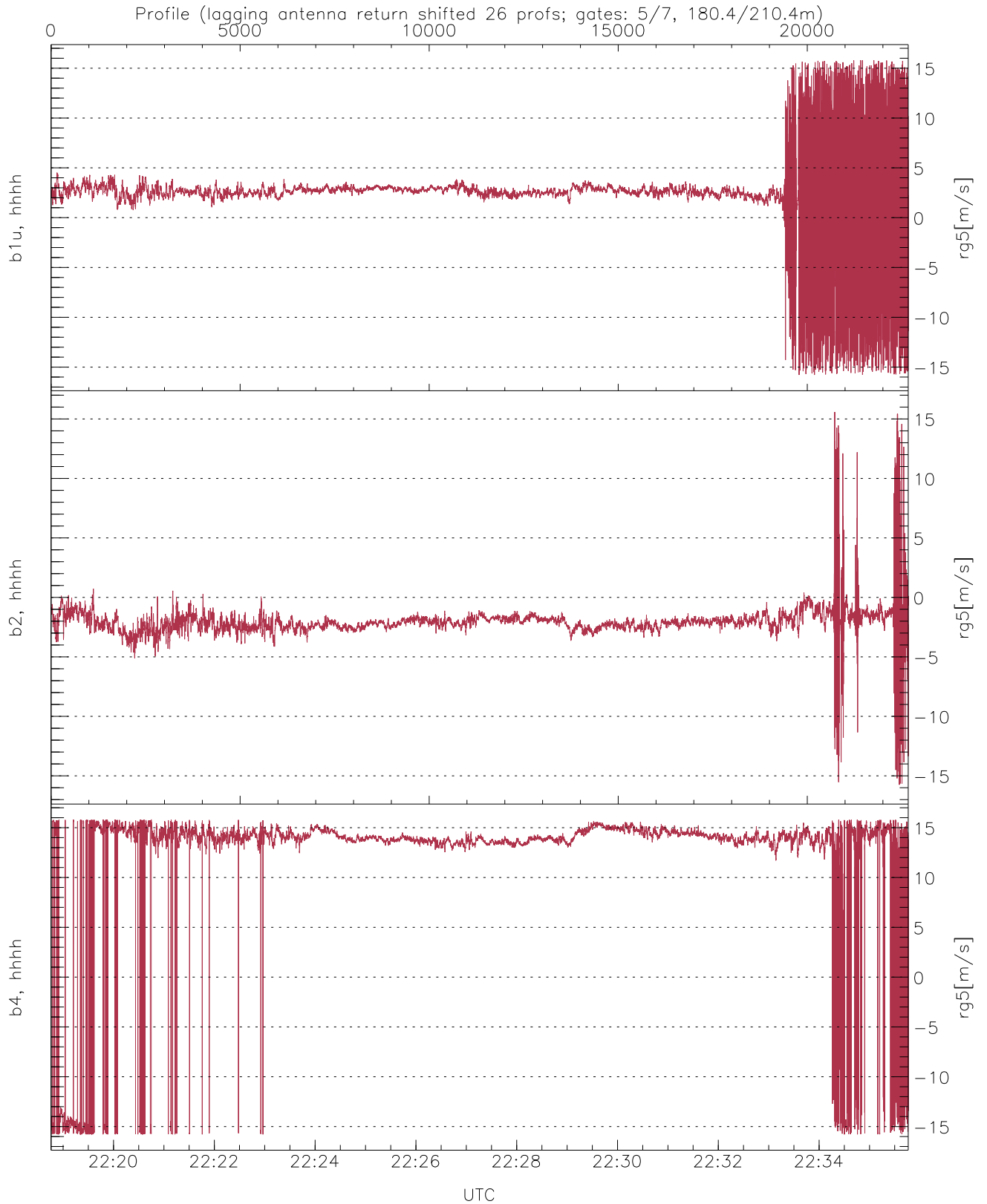
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.54	-6.00	-17.56
down(hh[dBm])	-65.73	-8.56	-18.25
down-fore(hh[dBm])	-65.77	-12.05	-22.70



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

	Min	Max	Mean
up/down (dB)	-36.05	12.16	-3.32
down/down-fore (dB)	-20.81	31.95	5.66



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	2.29	3.32
b2, hhhh(rg5[m/s])	-15.75	15.58	-2.06	1.17
b4, hhhh(rg5[m/s])	-15.79	15.79	12.05	7.34