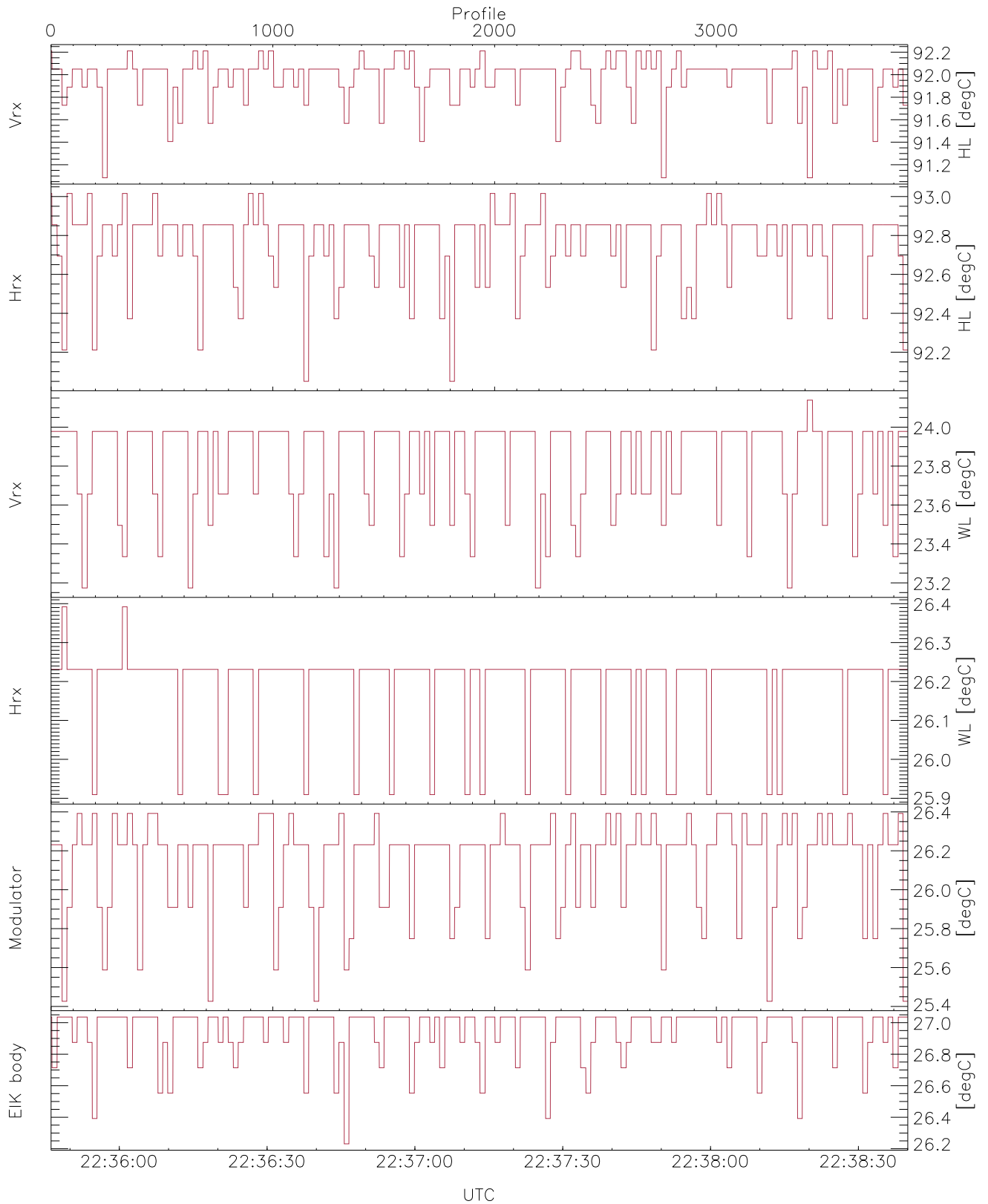


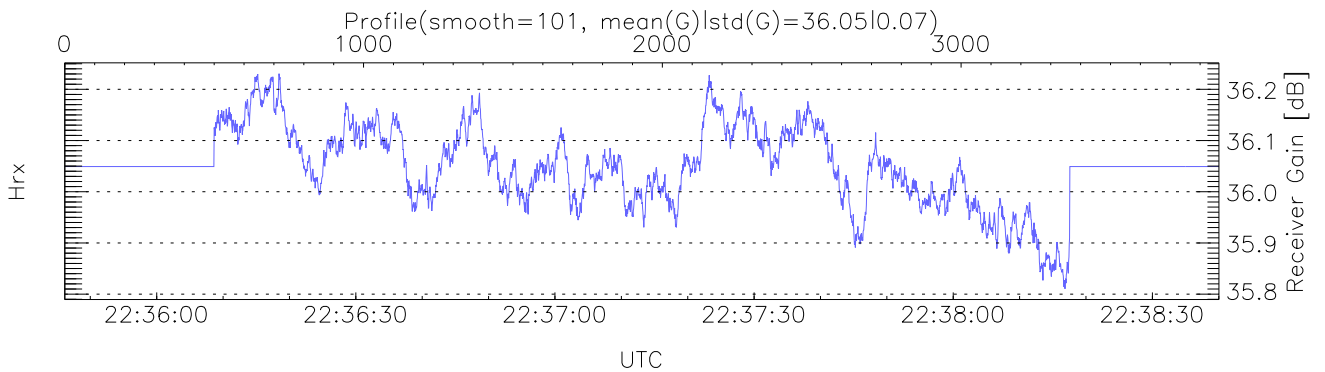
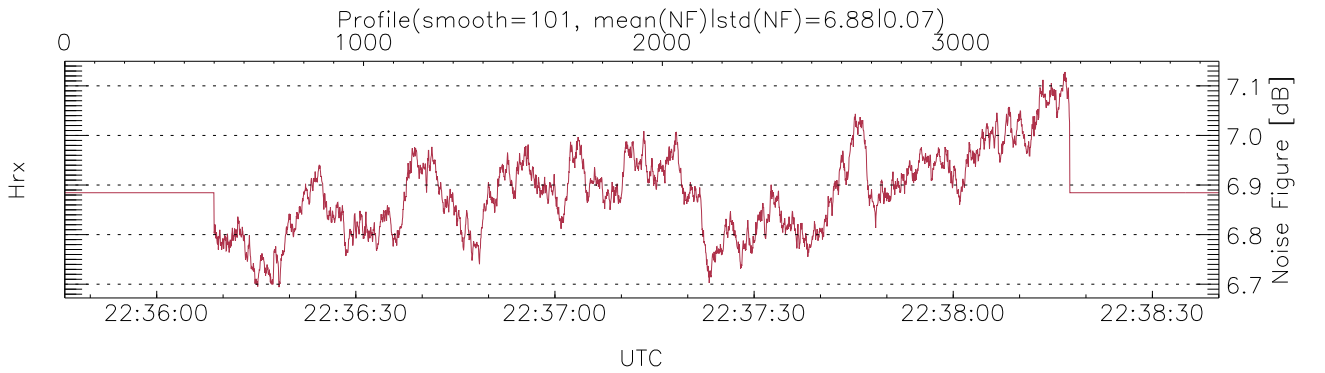
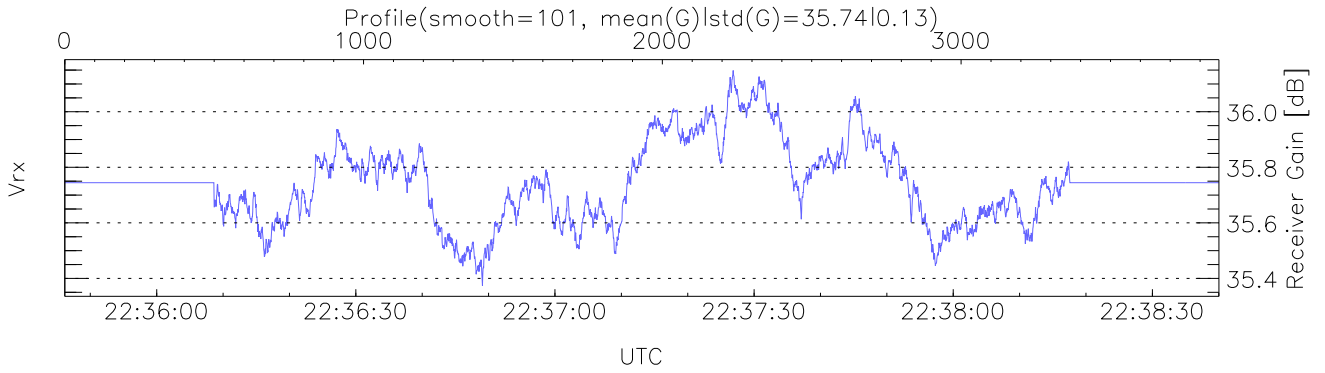
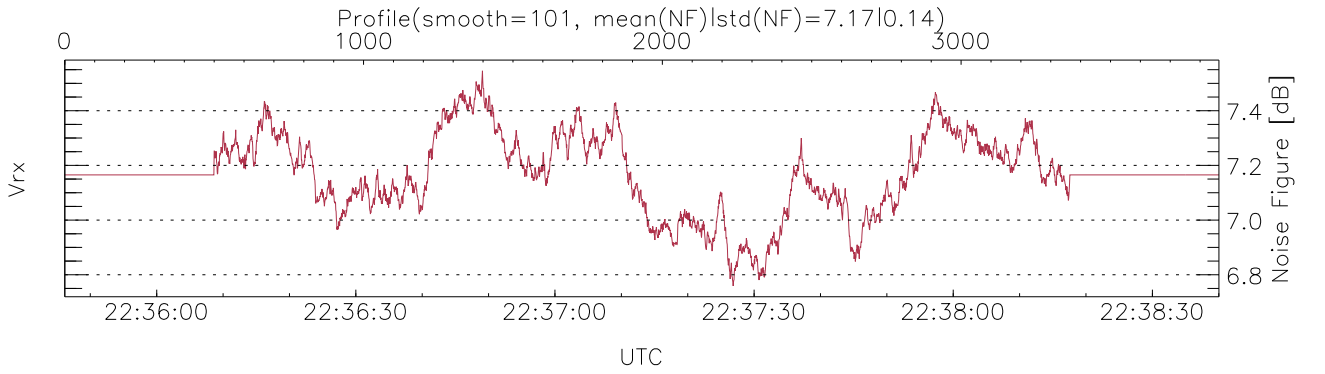
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:35:46-22:38:40, TimeCor: 0.00s, Dur: 173.88s
 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): 3864/3864, 0-3863/22:35:46-22:38:40
 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



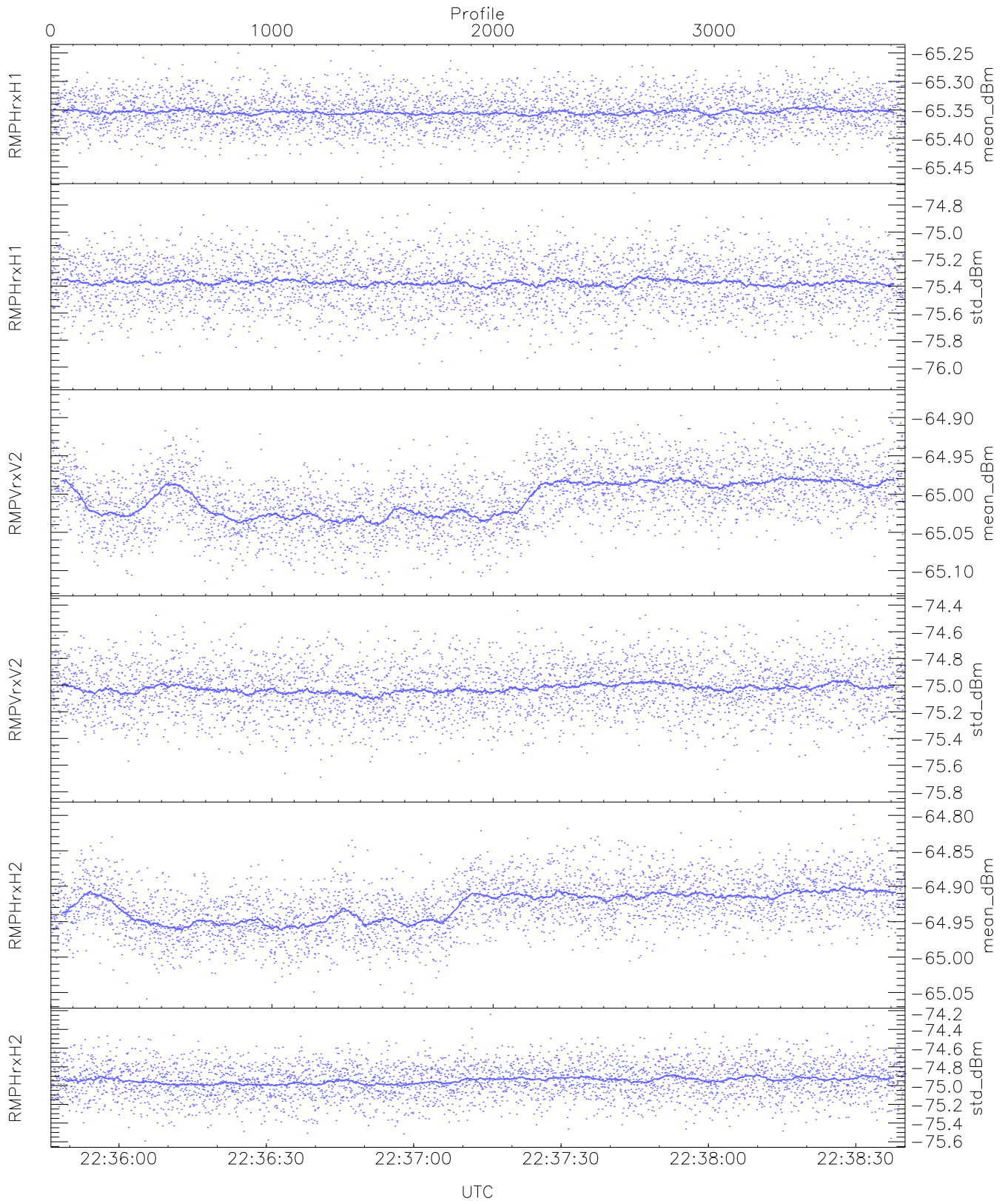
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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): None
EIK/Modulator Faults: None



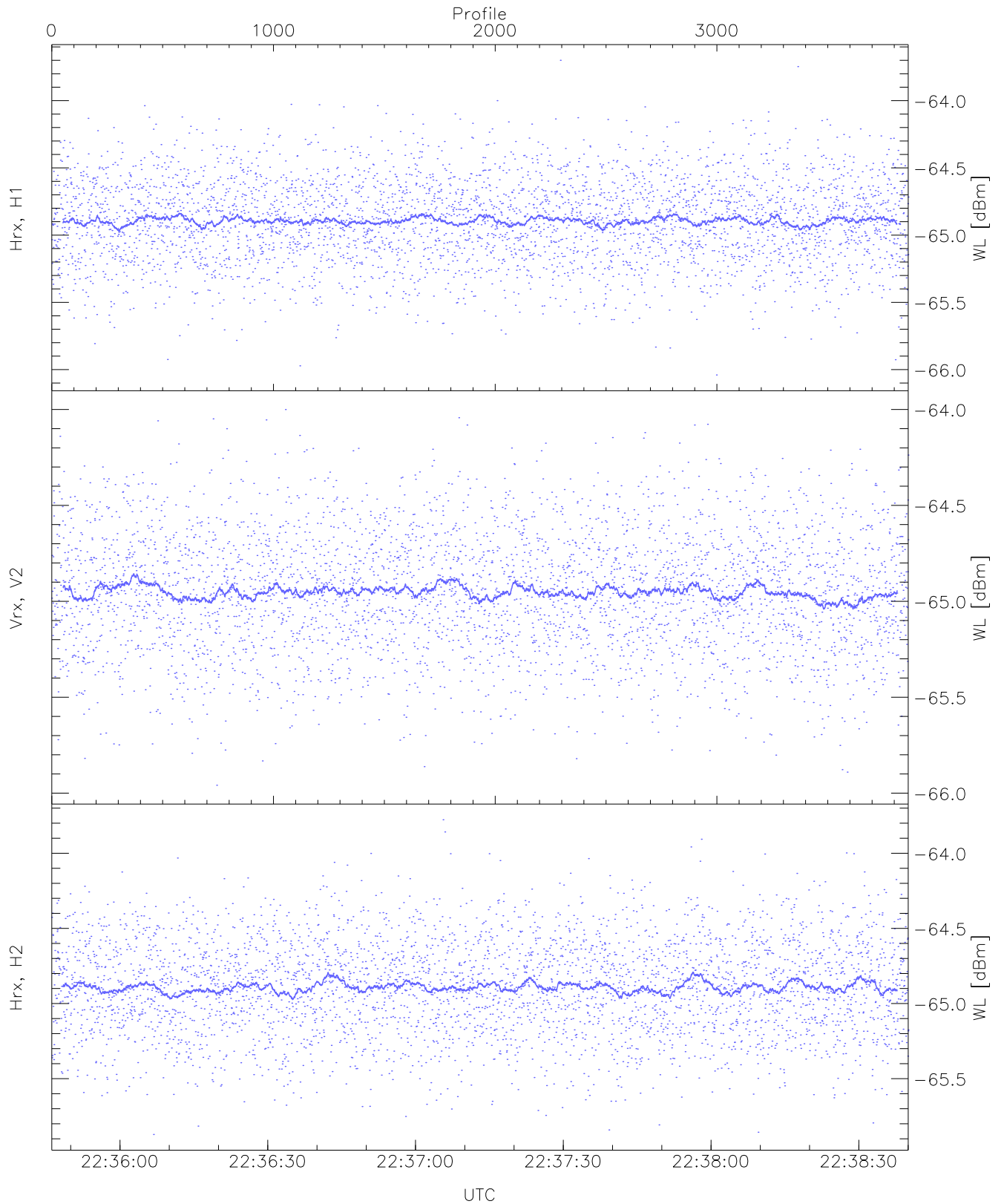
WCR3 CPP Receivers Gain and Noise Figure

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



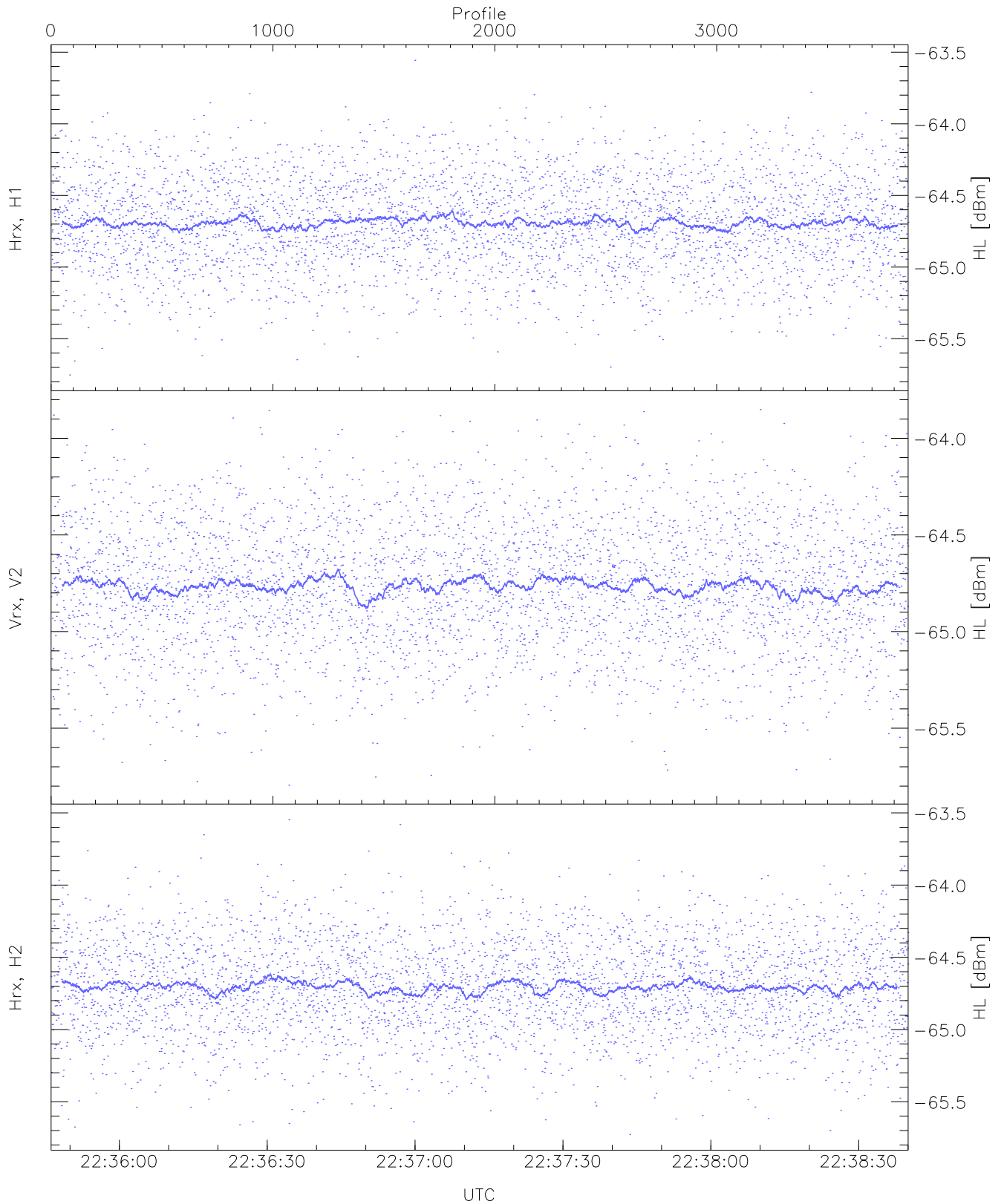
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.47	-65.25	-65.35	-65.35	-86.94
RMPHrxH1 (std_dBm)	-76.10	-74.71	-75.37	-75.37	-89.18
RMPVrxV2 (mean_dBm)	-65.12	-64.88	-65.01	-65.01	-85.69
RMPVrxV2 (std_dBm)	-75.81	-74.40	-75.02	-75.02	-88.82
RMPHrxH2 (mean_dBm)	-65.06	-64.79	-64.93	-64.93	-85.78
RMPHrxH2 (std_dBm)	-75.59	-74.24	-74.94	-74.94	-88.78



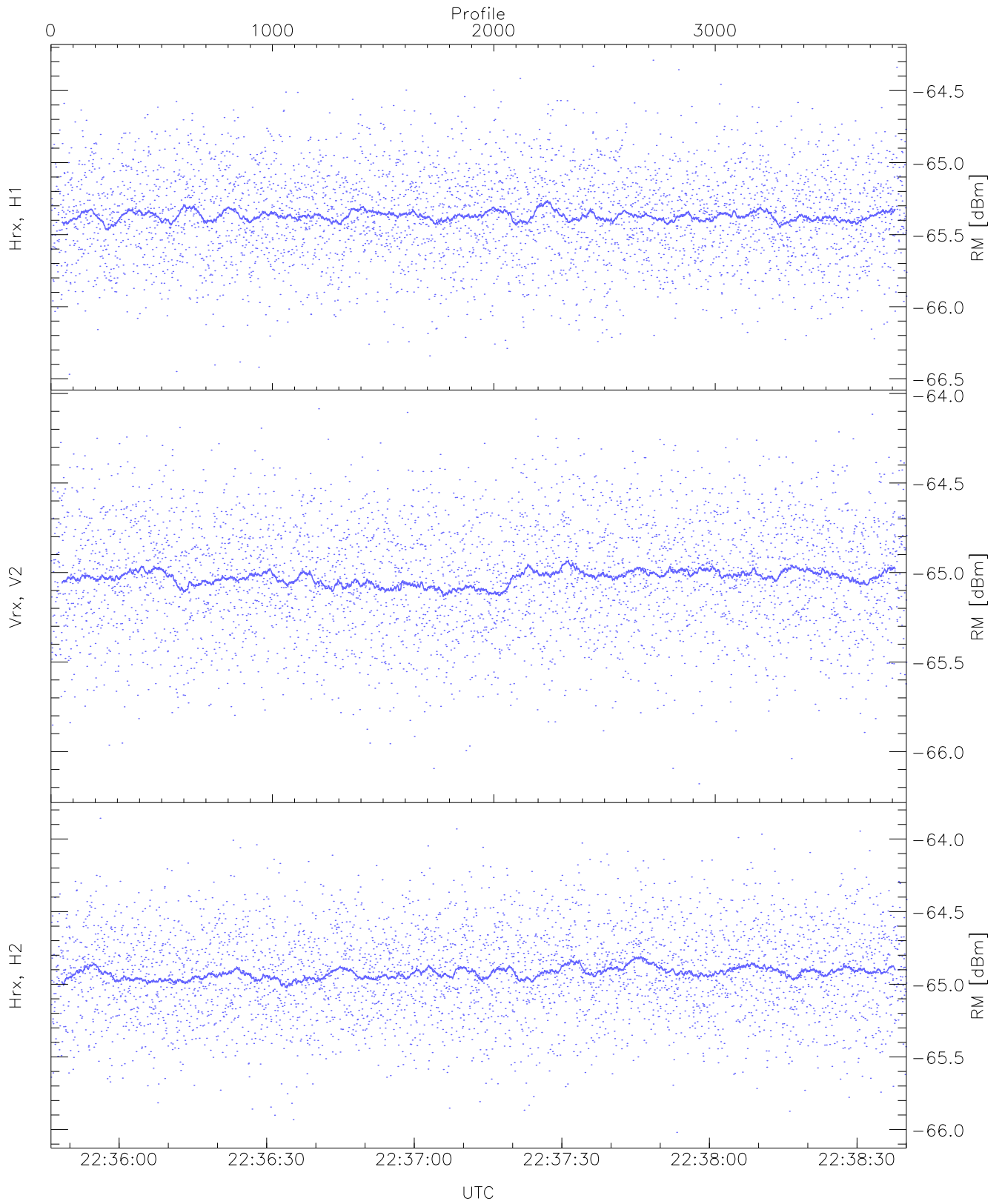
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.04	-63.70	-64.89	-64.89	-76.45
Vrx, V2 (WL [dBm])	-65.96	-64.00	-64.94	-64.95	-76.53
Hrx, H2 (WL [dBm])	-65.87	-63.78	-64.88	-64.89	-76.44



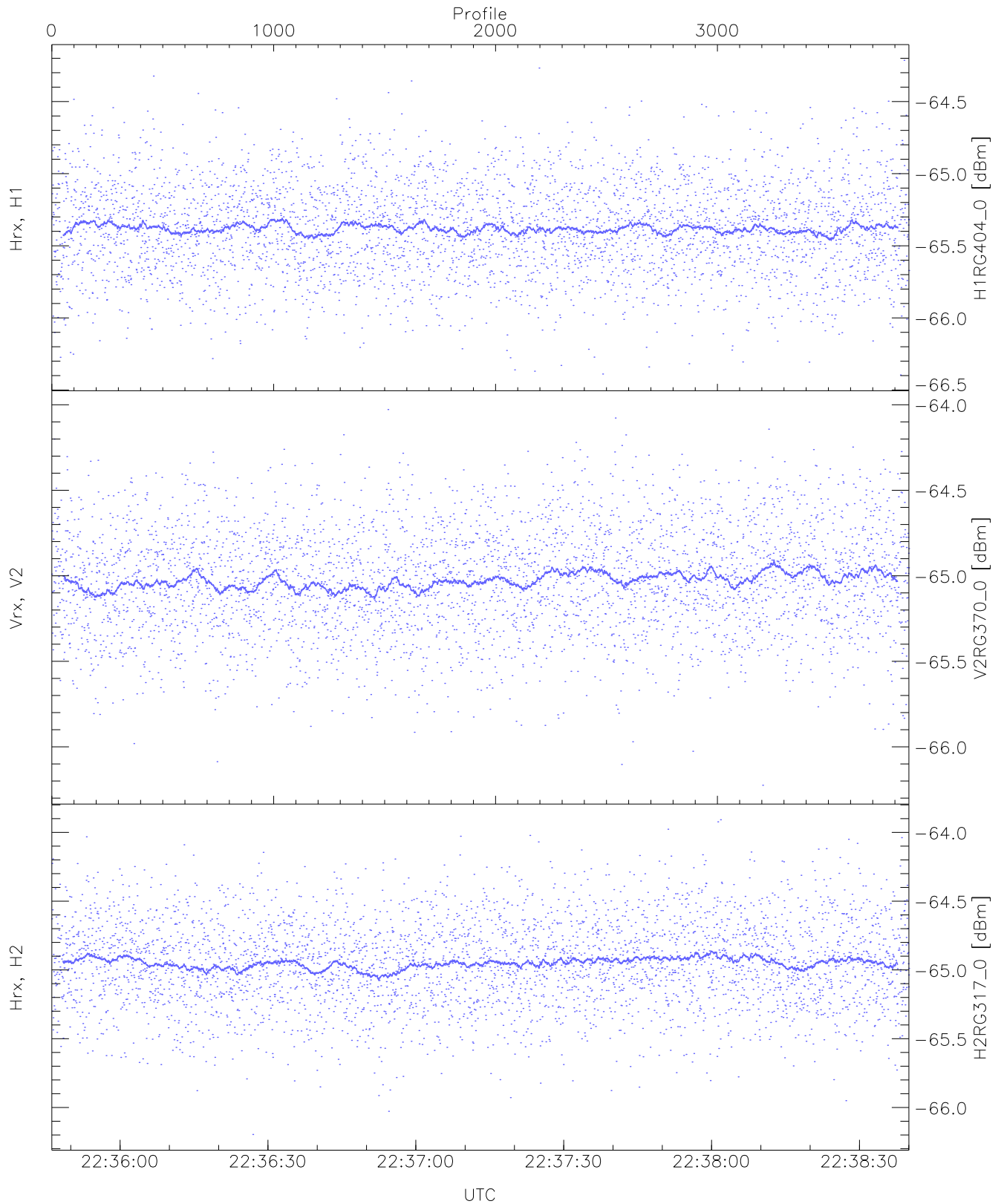
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.75	-63.56	-64.68	-64.69	-76.22
Vrx, V2 (HL [dBm])	-65.80	-63.85	-64.76	-64.77	-76.21
Hrx, H2 (HL [dBm])	-65.73	-63.55	-64.70	-64.71	-76.17



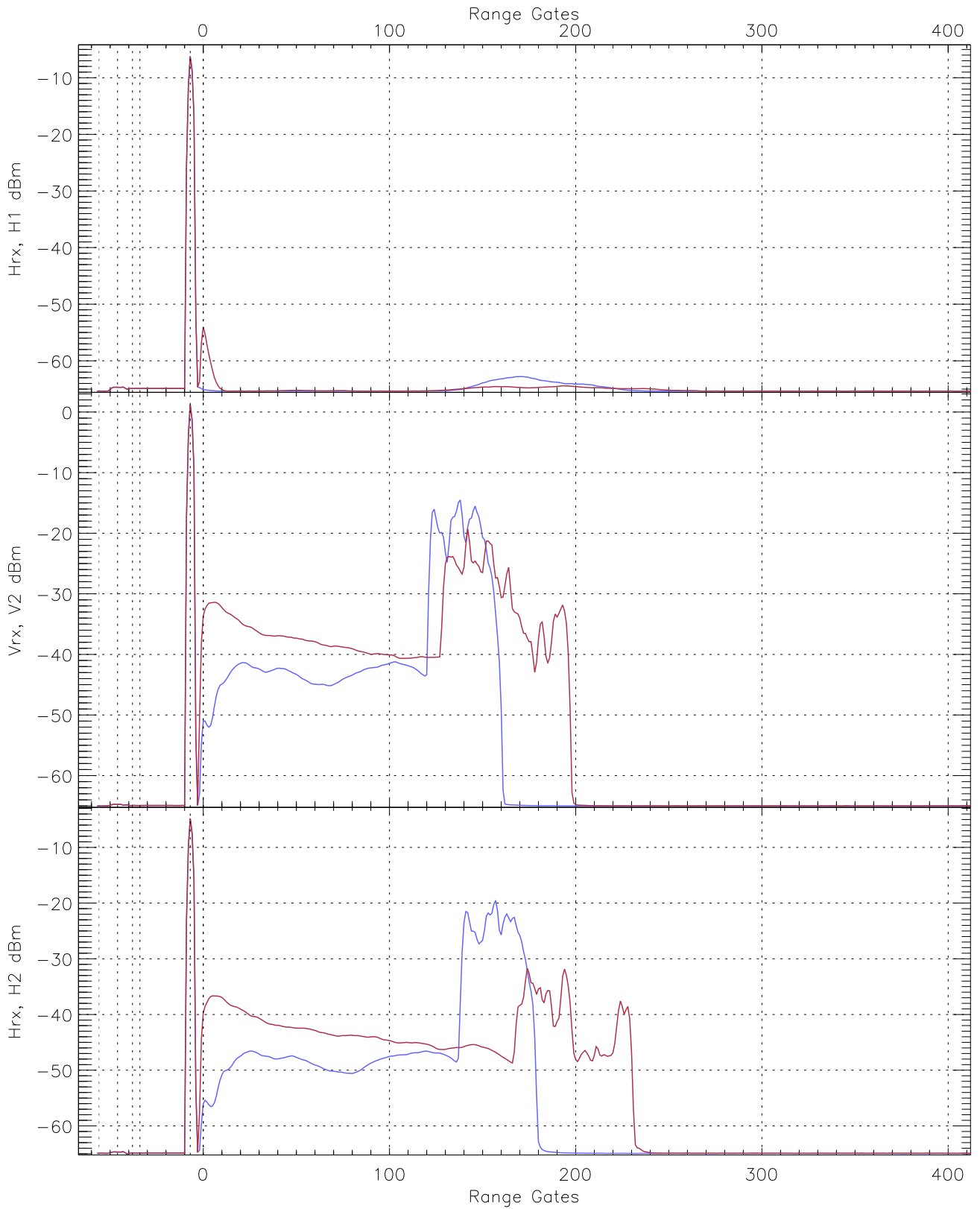
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.47	-64.29	-65.36	-65.36	-76.76
Vrx, V2 (RM [dBm])	-66.18	-64.09	-65.02	-65.03	-76.48
Hrx, H2 (RM [dBm])	-66.02	-63.86	-64.91	-64.92	-76.42

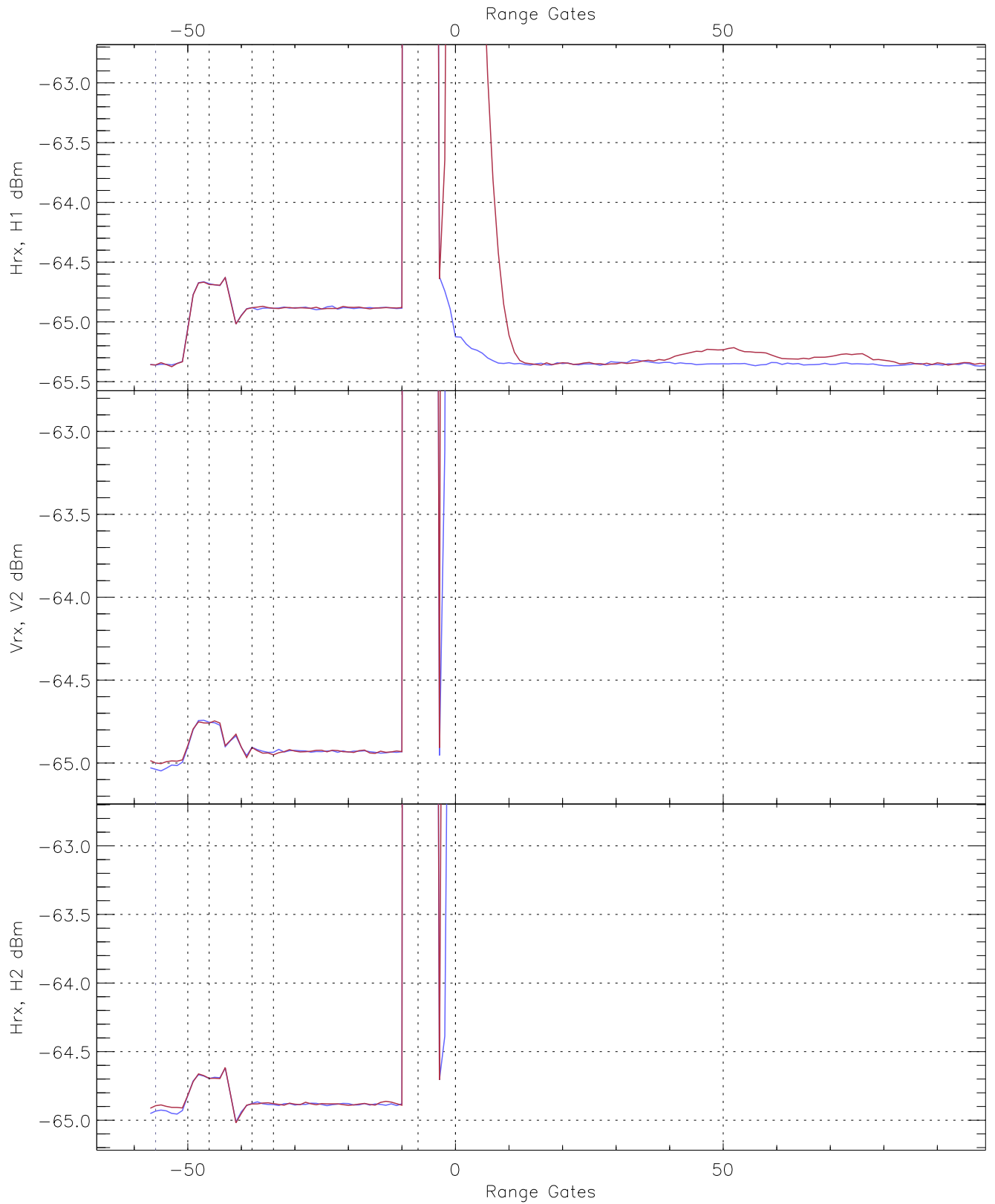


WCR3 CPP "Best" estimate Receivers Noise Power

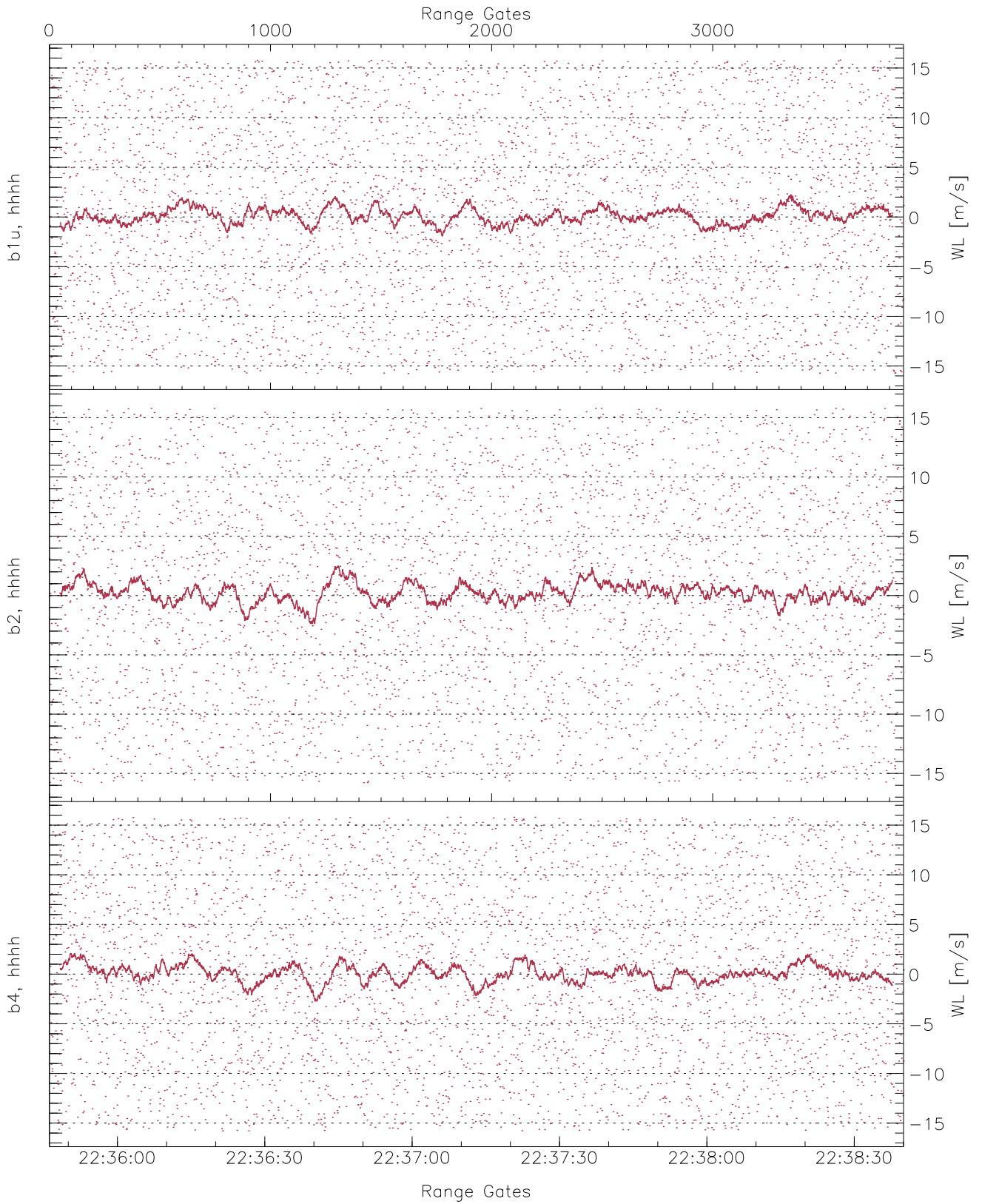
	Min	Max	Mean	Median	StDev
H1RG404_0 [dBm]	-66.40	-64.21	-65.37	-65.38	-76.82
V2RG370_0 [dBm]	-66.22	-64.03	-65.02	-65.03	-76.60
H2RG317_0 [dBm]	-66.20	-63.91	-64.94	-64.95	-76.43



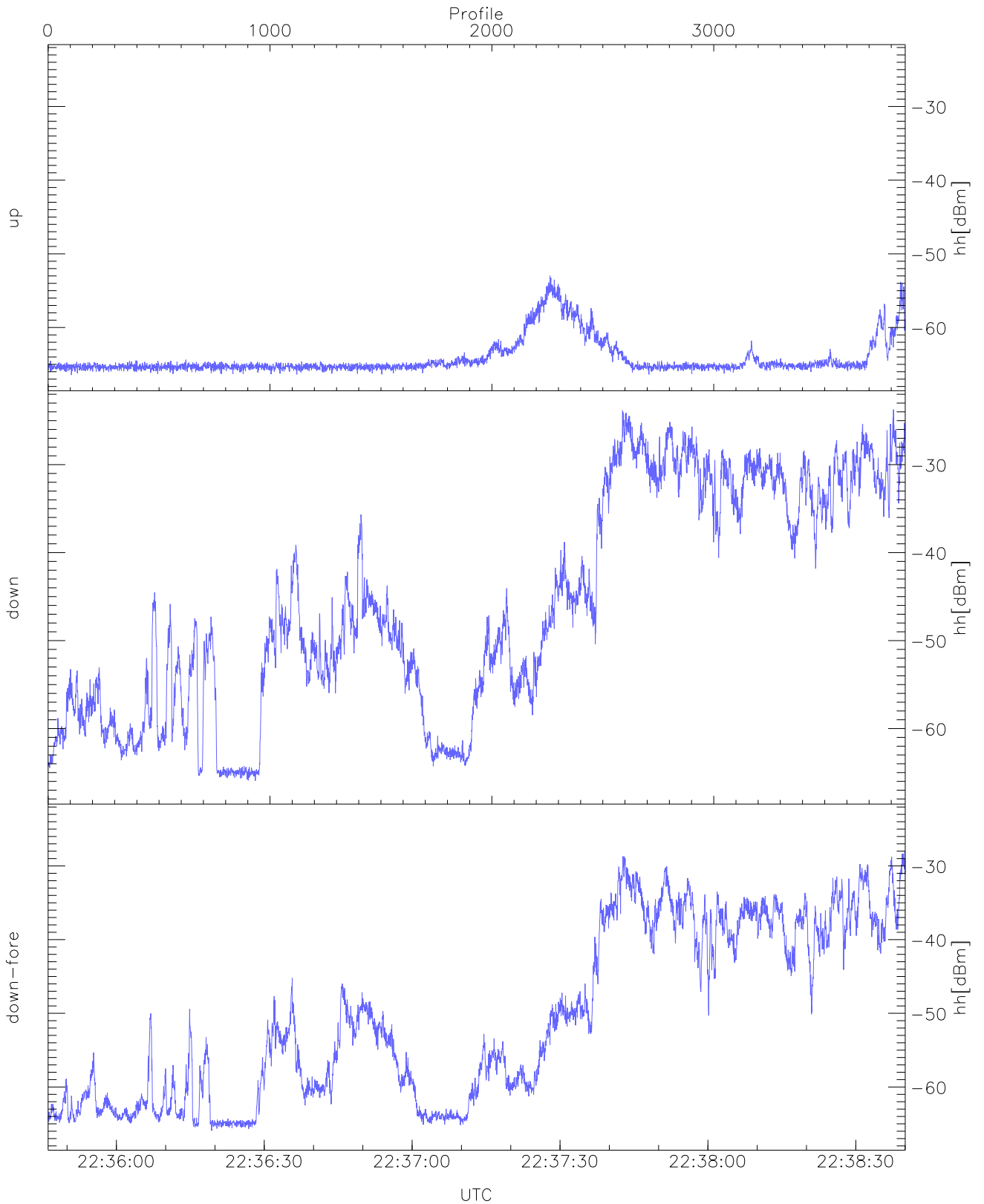
WCR3 CPP Averaged Received power for all recorded gates
blue: 223546-223713, 1933 profiles averaged
red: 223713-223840, 1932 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 223546-223713, 1933 profiles averaged
red: 223713-223840, 1932 profiles averaged

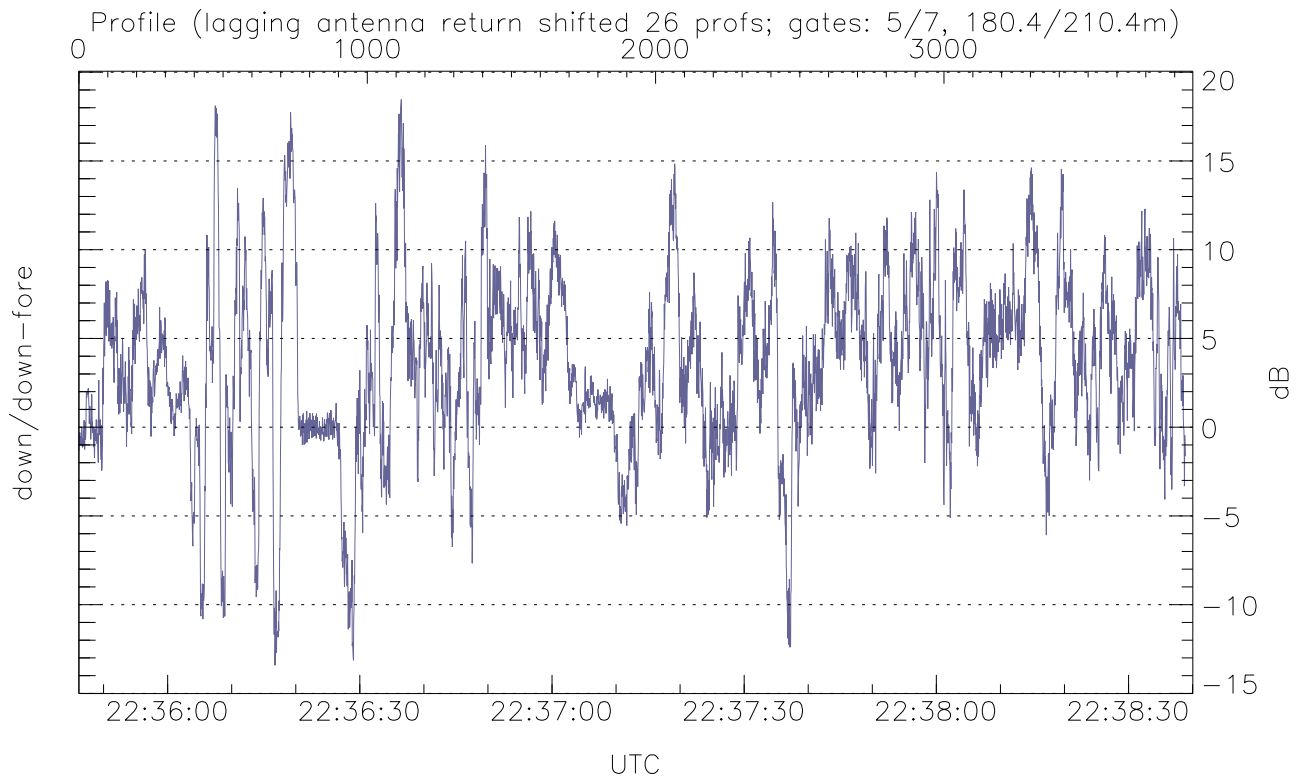
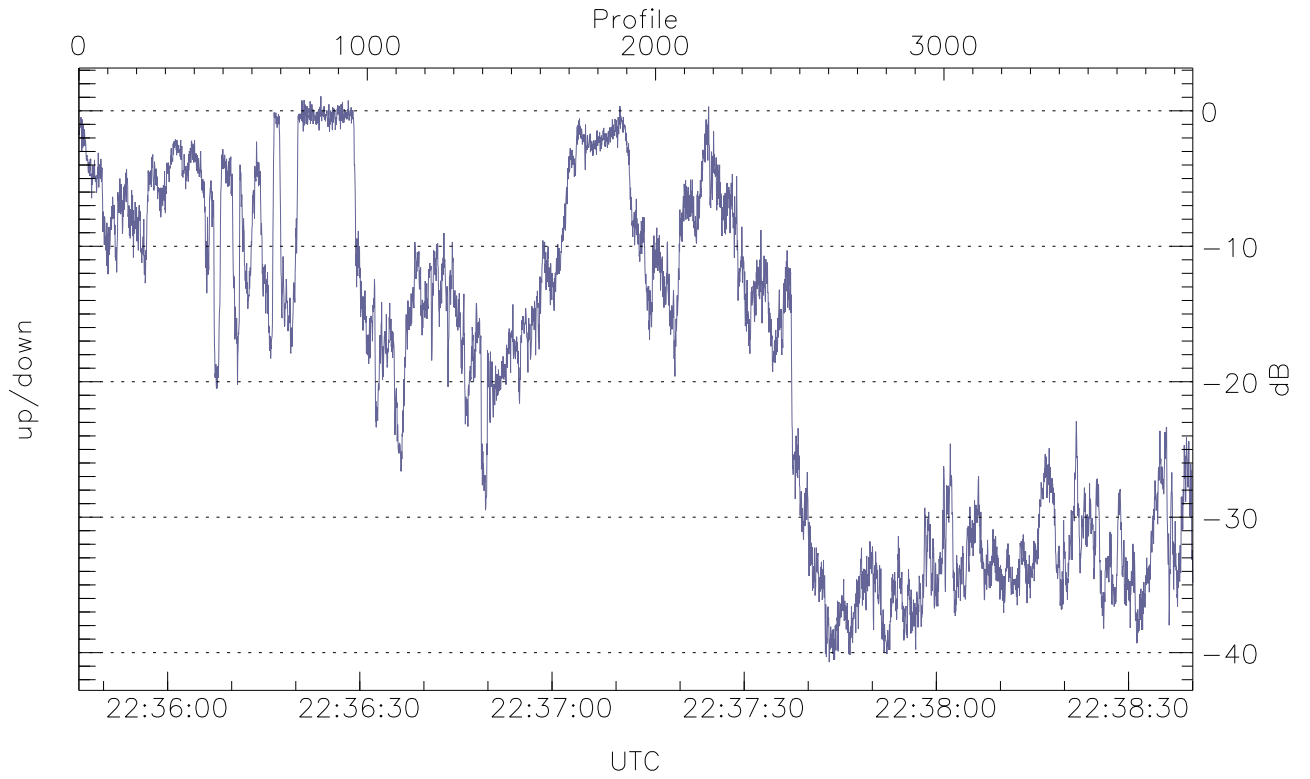


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



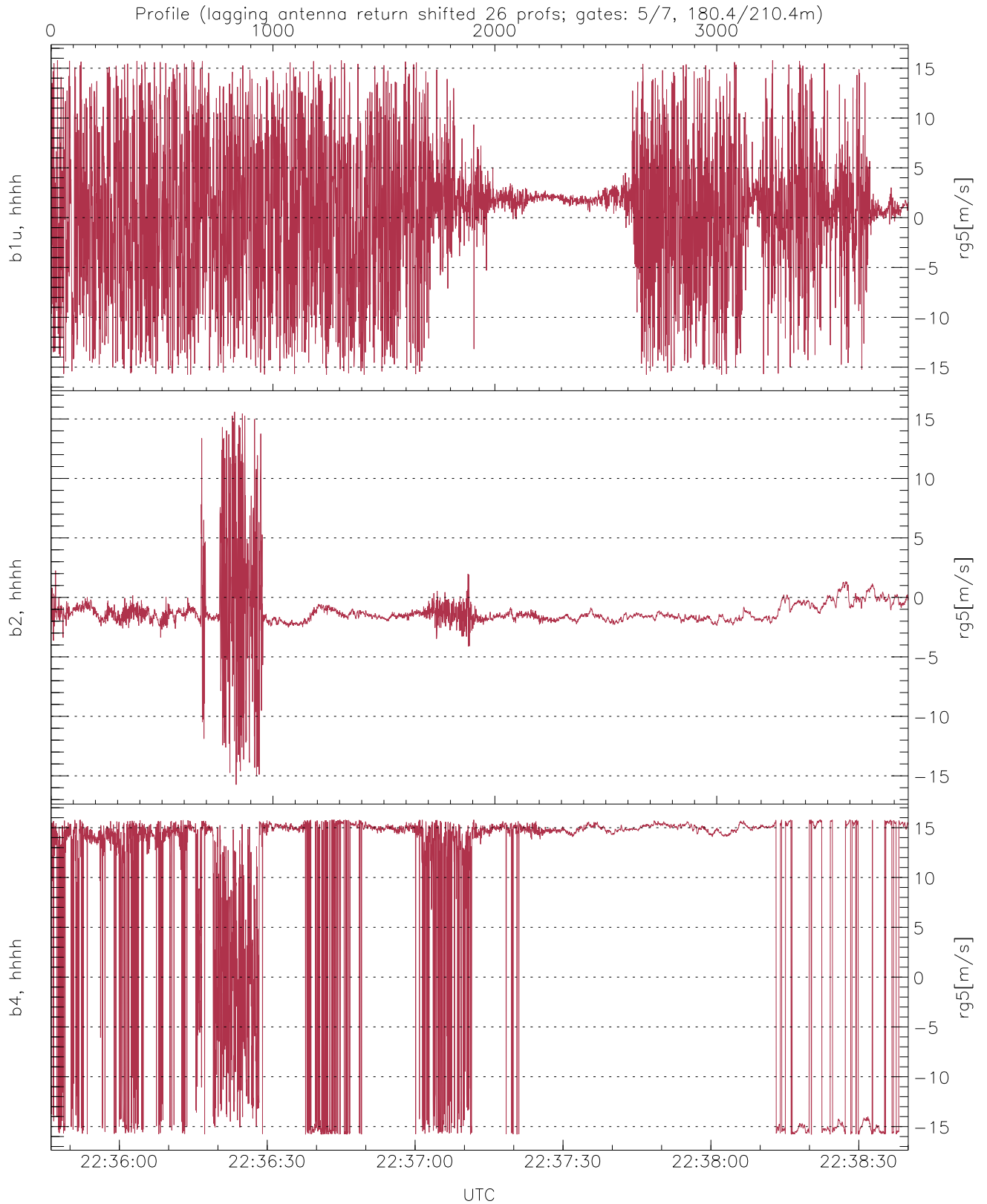
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.44	-52.98	-63.15
down(hh[dBm])	-65.95	-23.73	-34.41
down-fore(hh[dBm])	-65.93	-28.01	-39.63



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

	Min	Max	Mean
up/down (dB)	-40.70	1.07	-18.19
down/down-fore (dB)	-13.41	18.46	3.56



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	0.51	7.03
b2, hhhh(rg5[m/s])	-15.75	15.60	-1.27	2.14
b4, hhhh(rg5[m/s])	-15.79	15.79	8.79	11.61