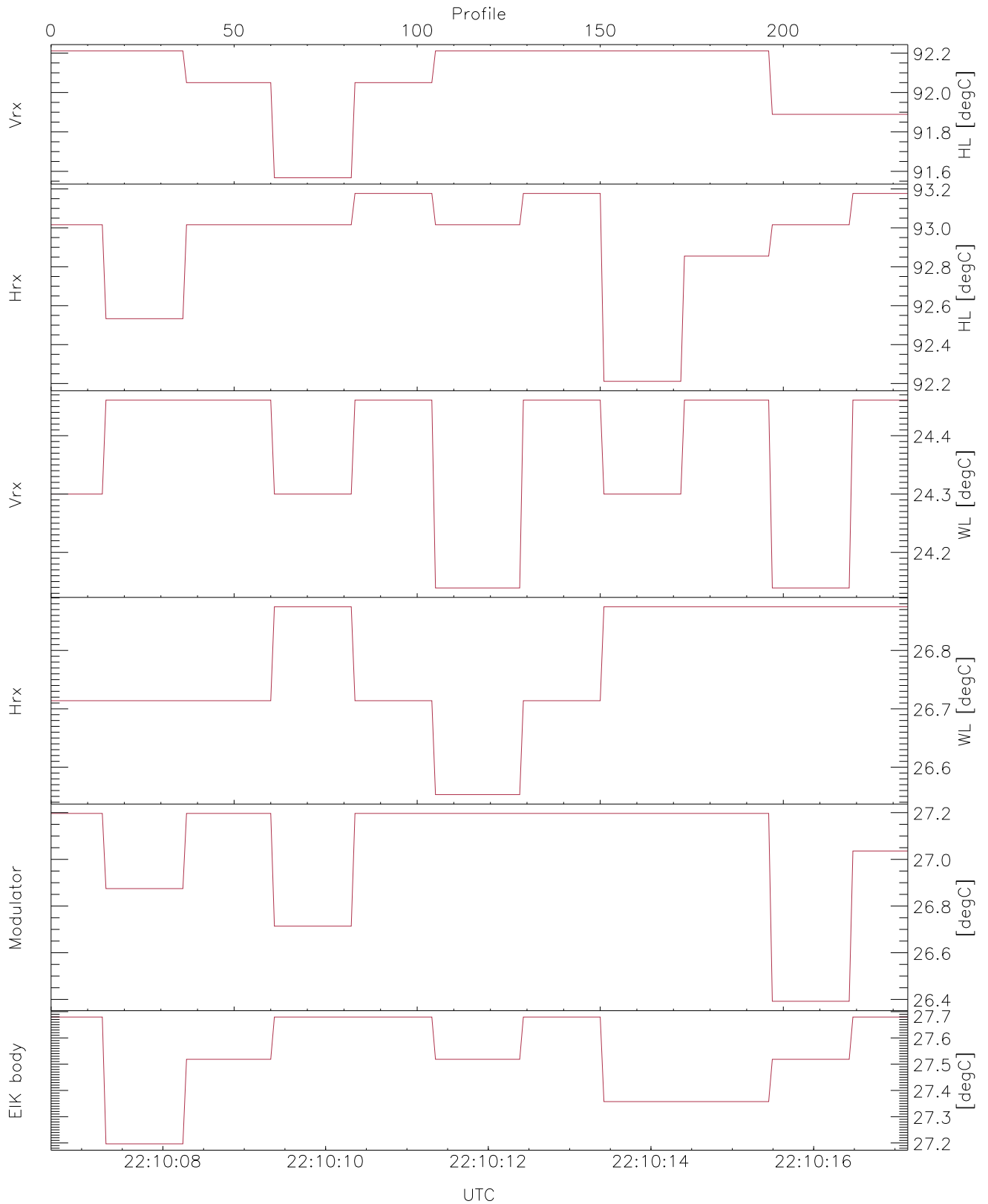


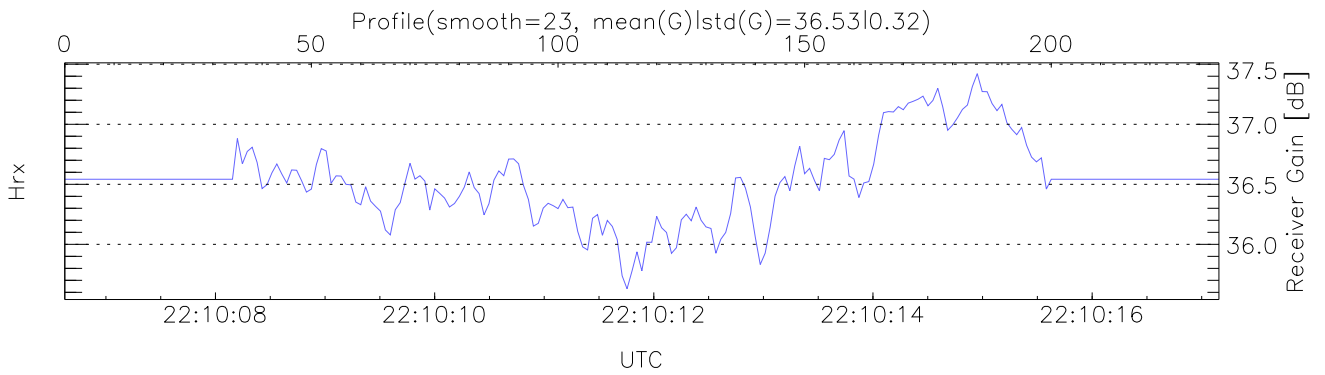
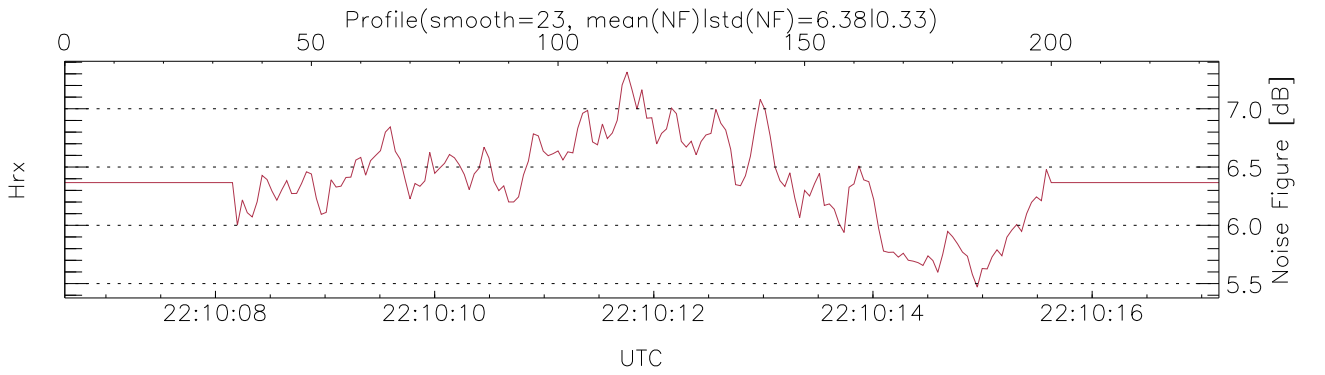
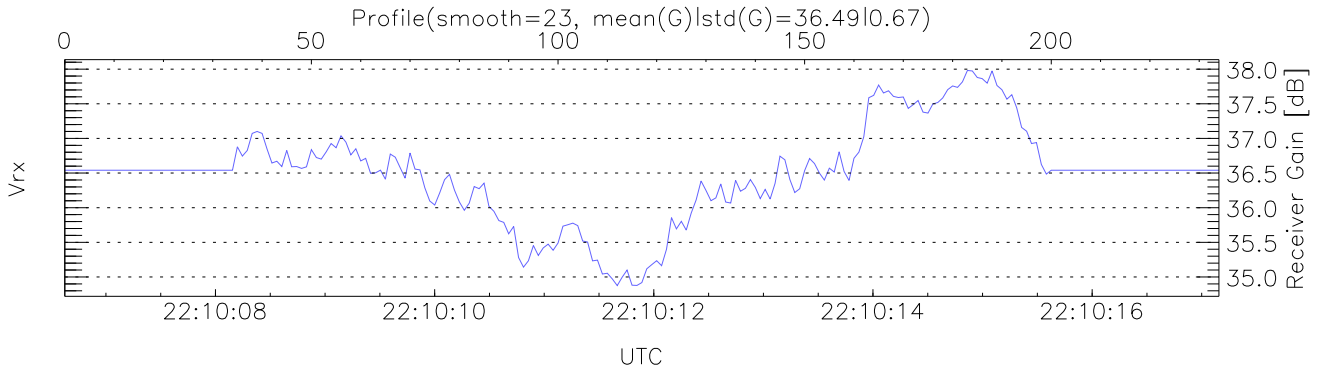
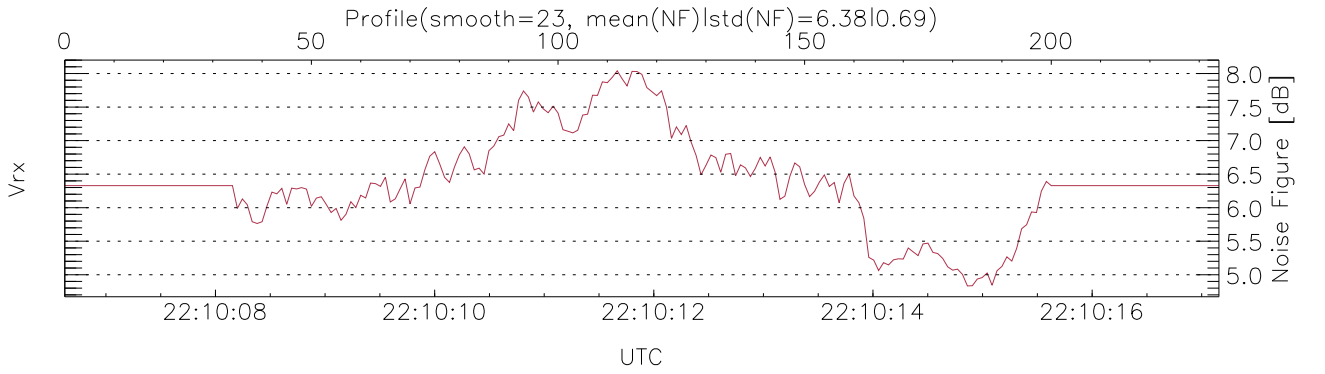
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:10:07-22:10:17, TimeCor: 0.00s, Dur: 10.53s
 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): 235/235, 0-234/22:10:07-22:10:17
 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



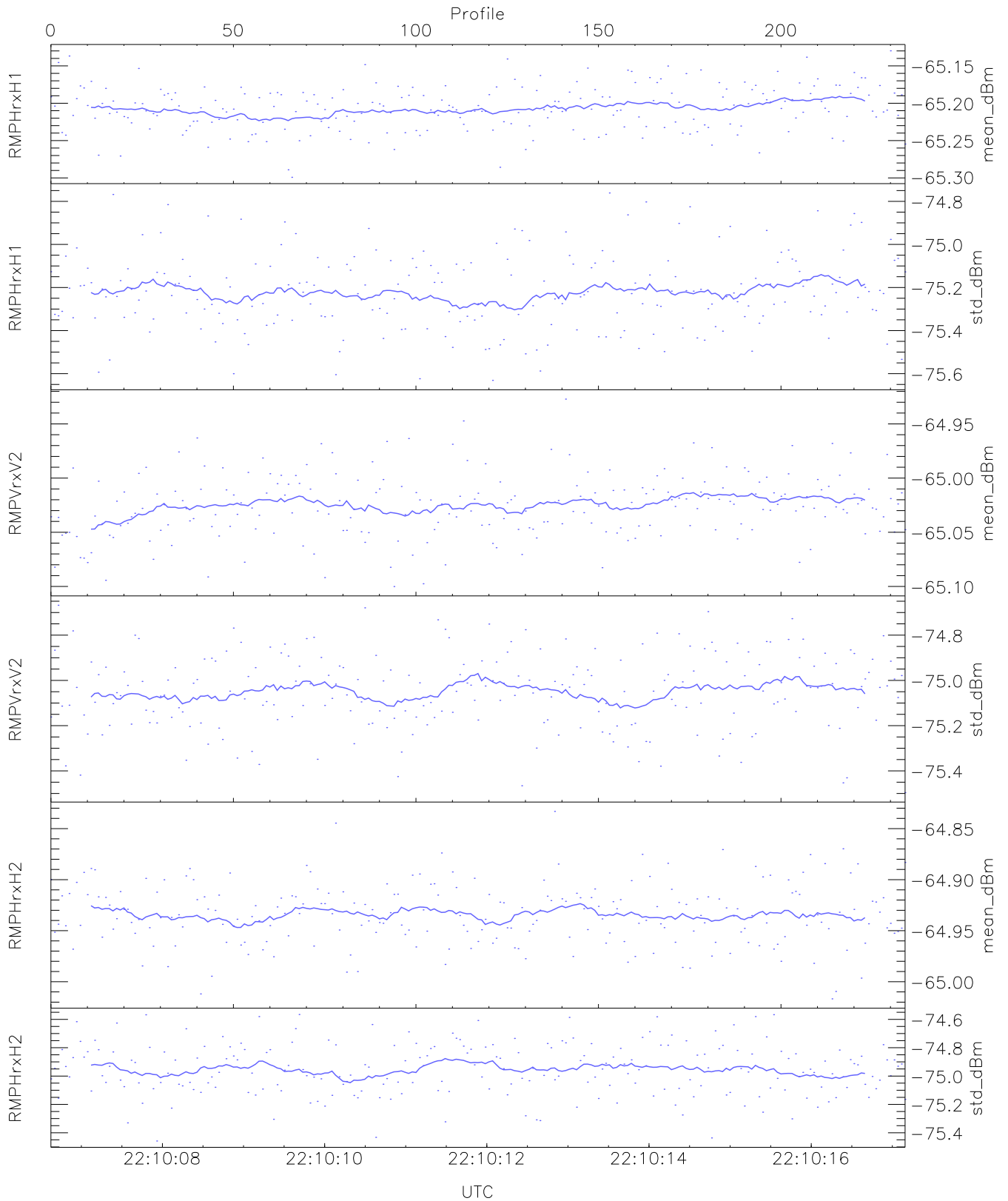
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



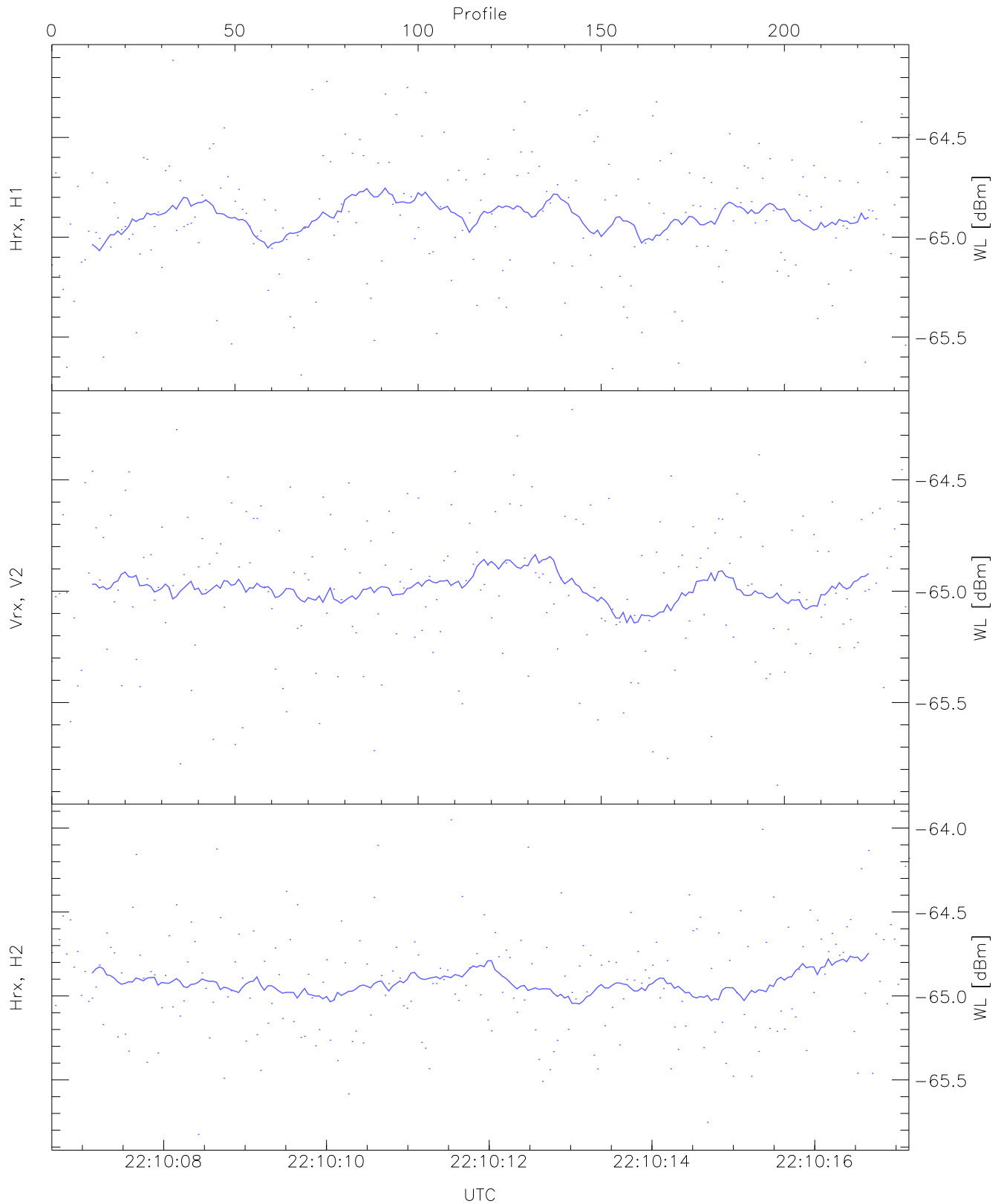
WCR3 CPP Receivers Gain and Noise Figure

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



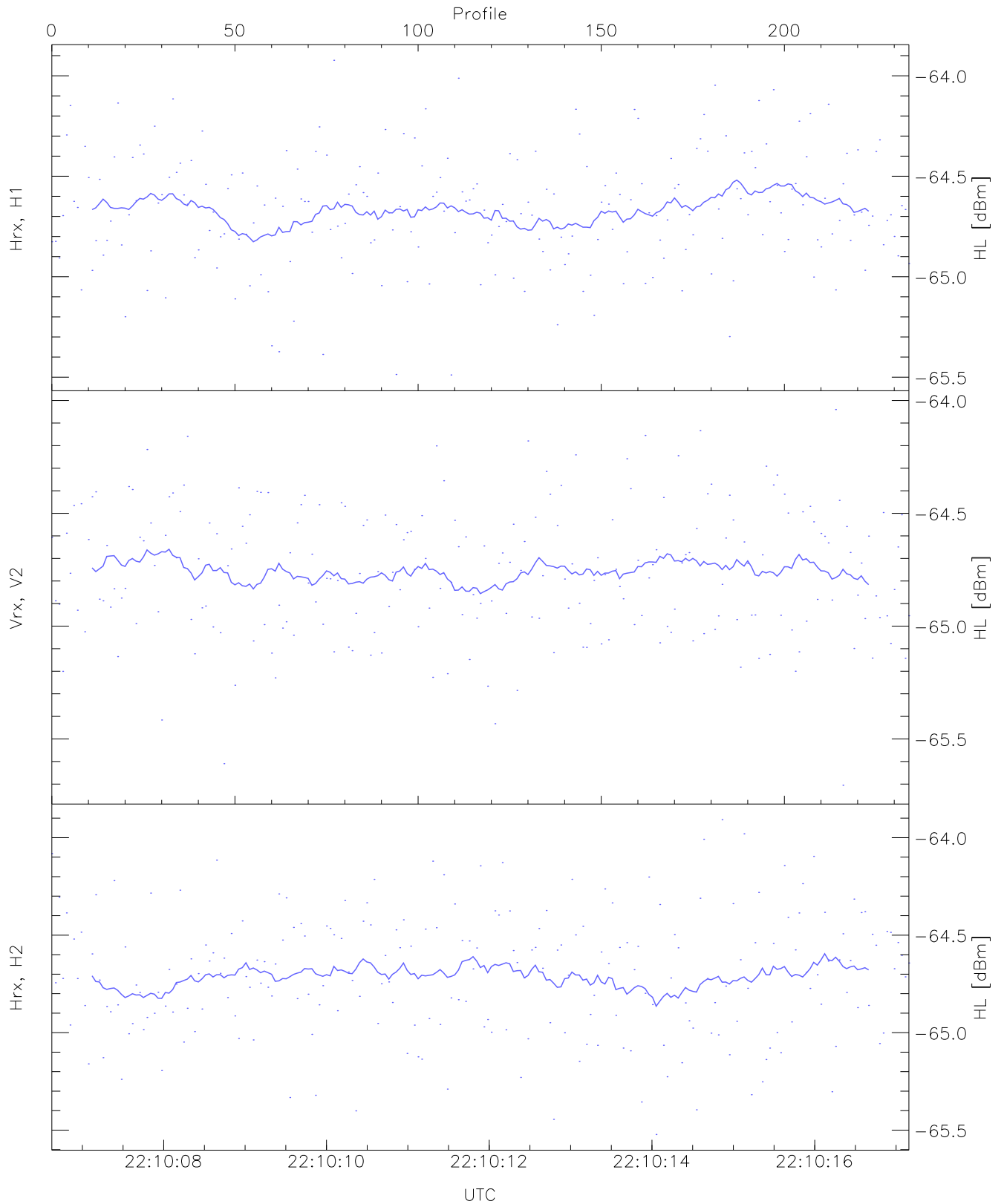
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.30	-65.13	-65.21	-65.21	-86.86
RMPHrxH1 (std_dBm)	-75.63	-74.76	-75.22	-75.23	-89.09
RMPVrxV2 (mean_dBm)	-65.10	-64.93	-65.03	-65.03	-86.75
RMPVrxV2 (std_dBm)	-75.50	-74.67	-75.05	-75.03	-89.21
RMPHrxH2 (mean_dBm)	-65.02	-64.83	-64.93	-64.94	-86.56
RMPHrxH2 (std_dBm)	-75.46	-74.57	-74.95	-74.95	-88.80



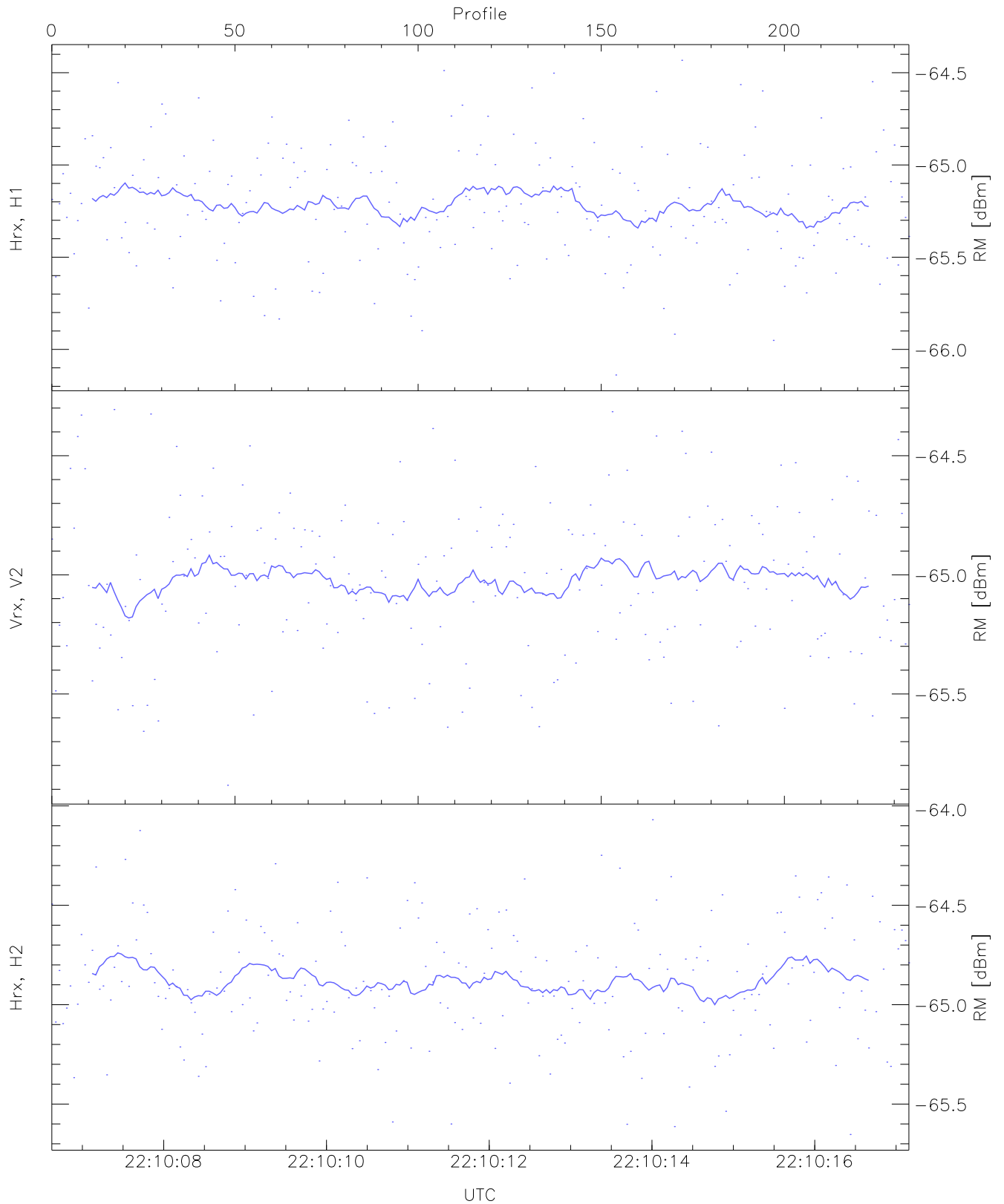
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.69	-64.11	-64.89	-64.88	-76.40
Vrx, V2 (WL [dBm])	-65.87	-64.18	-64.97	-64.97	-76.41
Hrx, H2 (WL [dBm])	-65.83	-63.95	-64.90	-64.90	-76.12



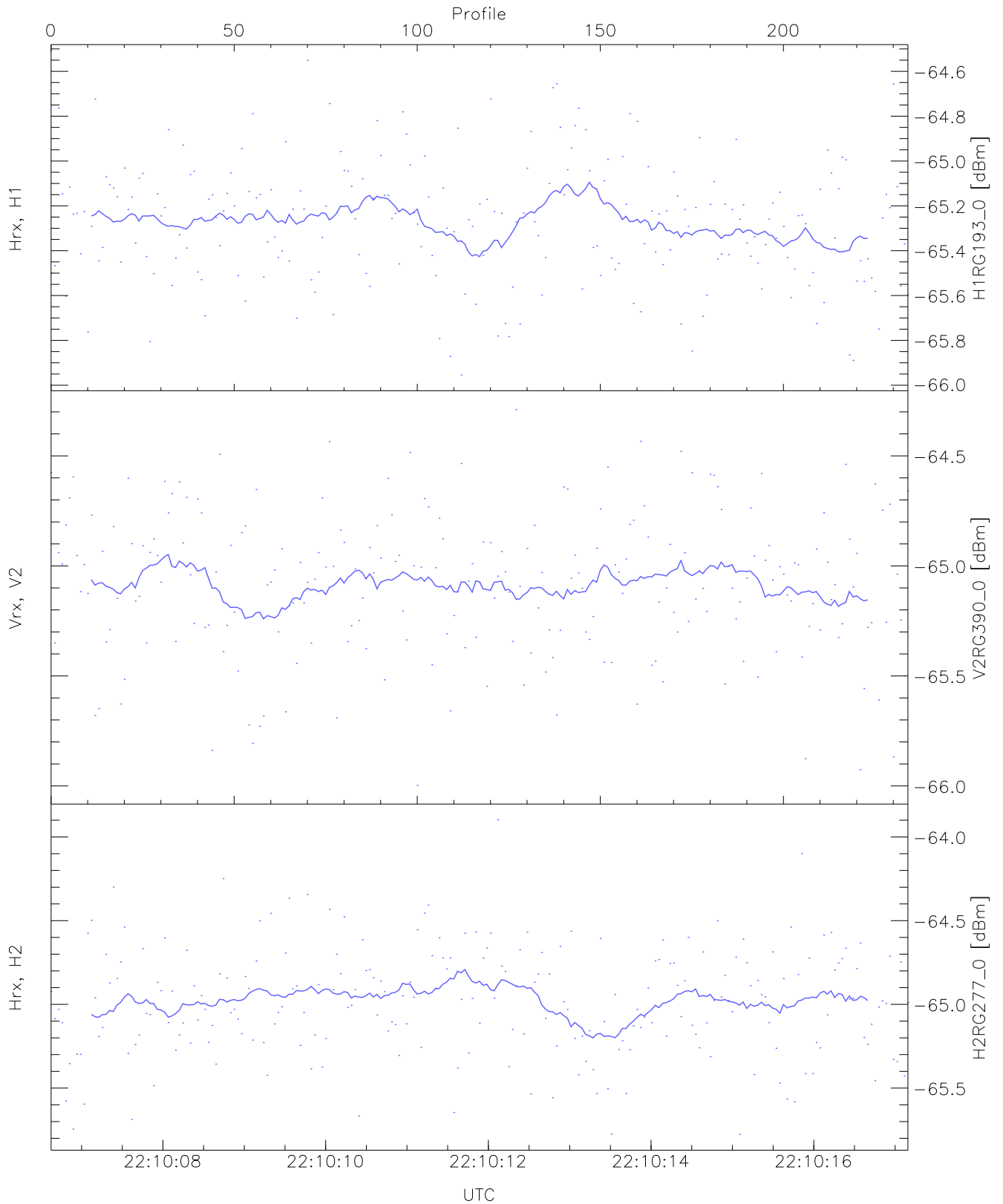
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.49	-63.92	-64.66	-64.67	-76.52
Vrx, V2 (HL [dBm])	-65.71	-64.04	-64.75	-64.76	-76.58
Hrx, H2 (HL [dBm])	-65.52	-63.91	-64.70	-64.71	-76.14



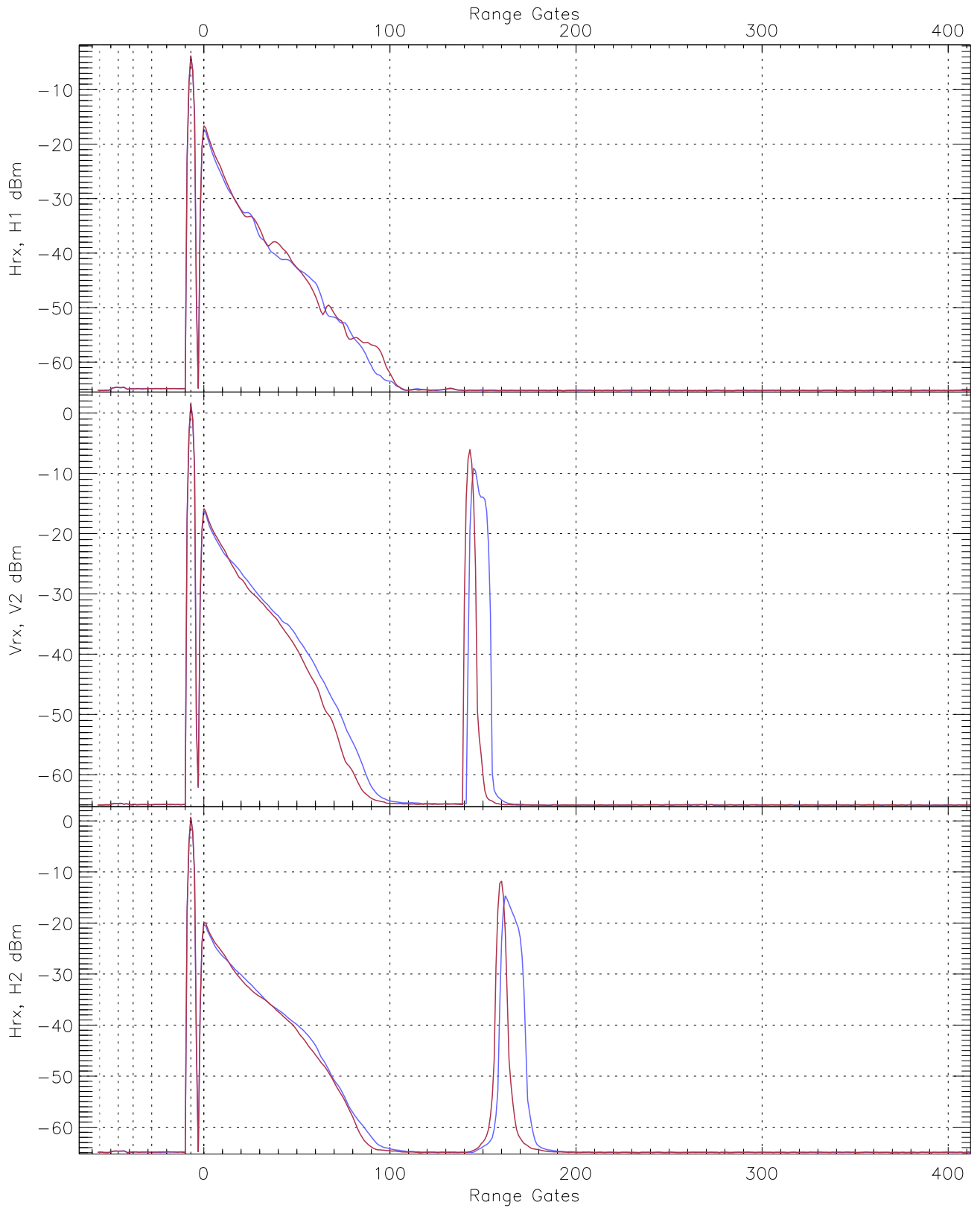
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.14	-64.43	-65.21	-65.22	-76.68
Vrx, V2 (RM [dBm])	-65.88	-64.31	-65.01	-65.03	-76.40
Hrx, H2 (RM [dBm])	-65.65	-64.07	-64.87	-64.91	-76.53

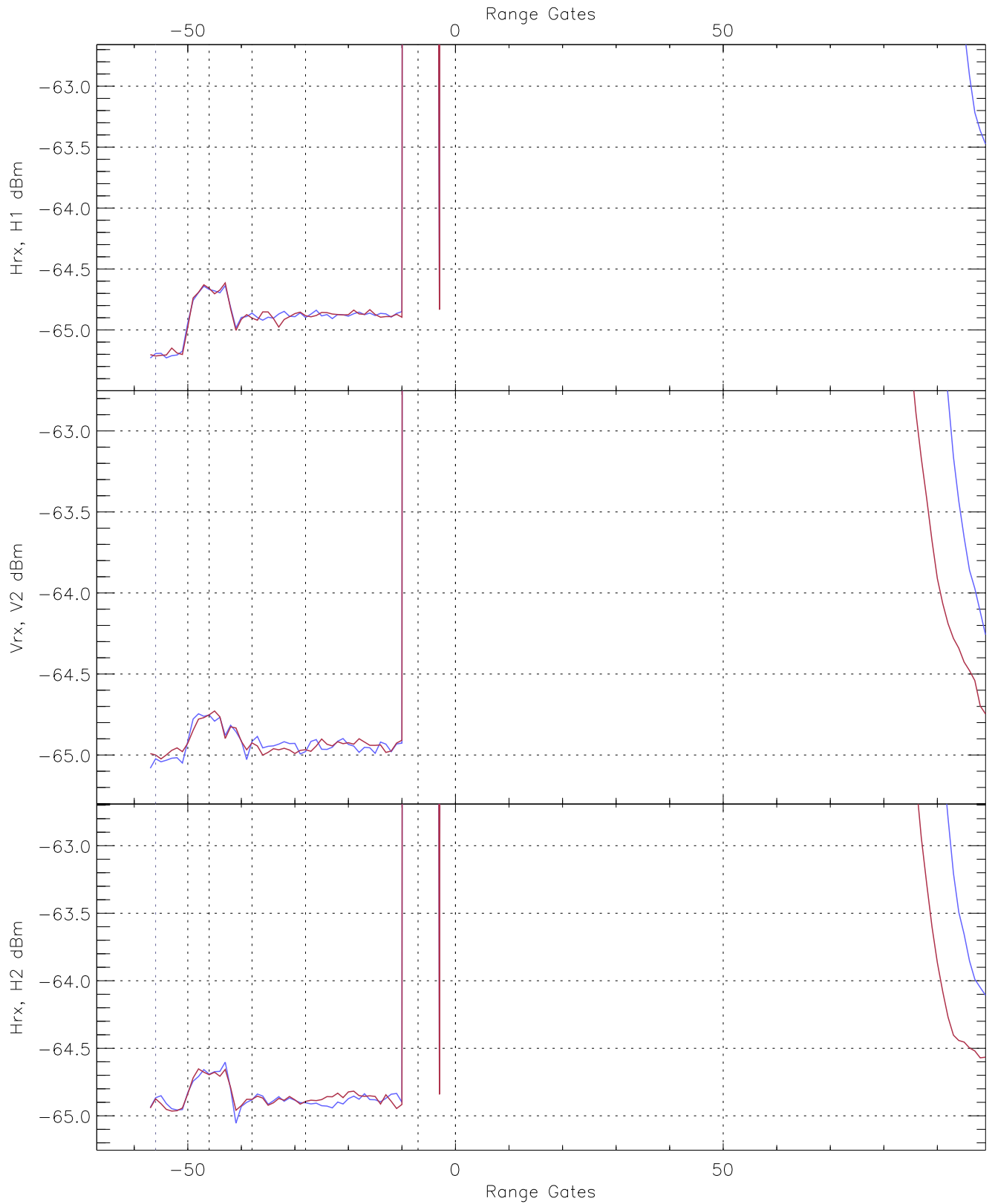


WCR3 CPP "Best" estimate Receivers Noise Power

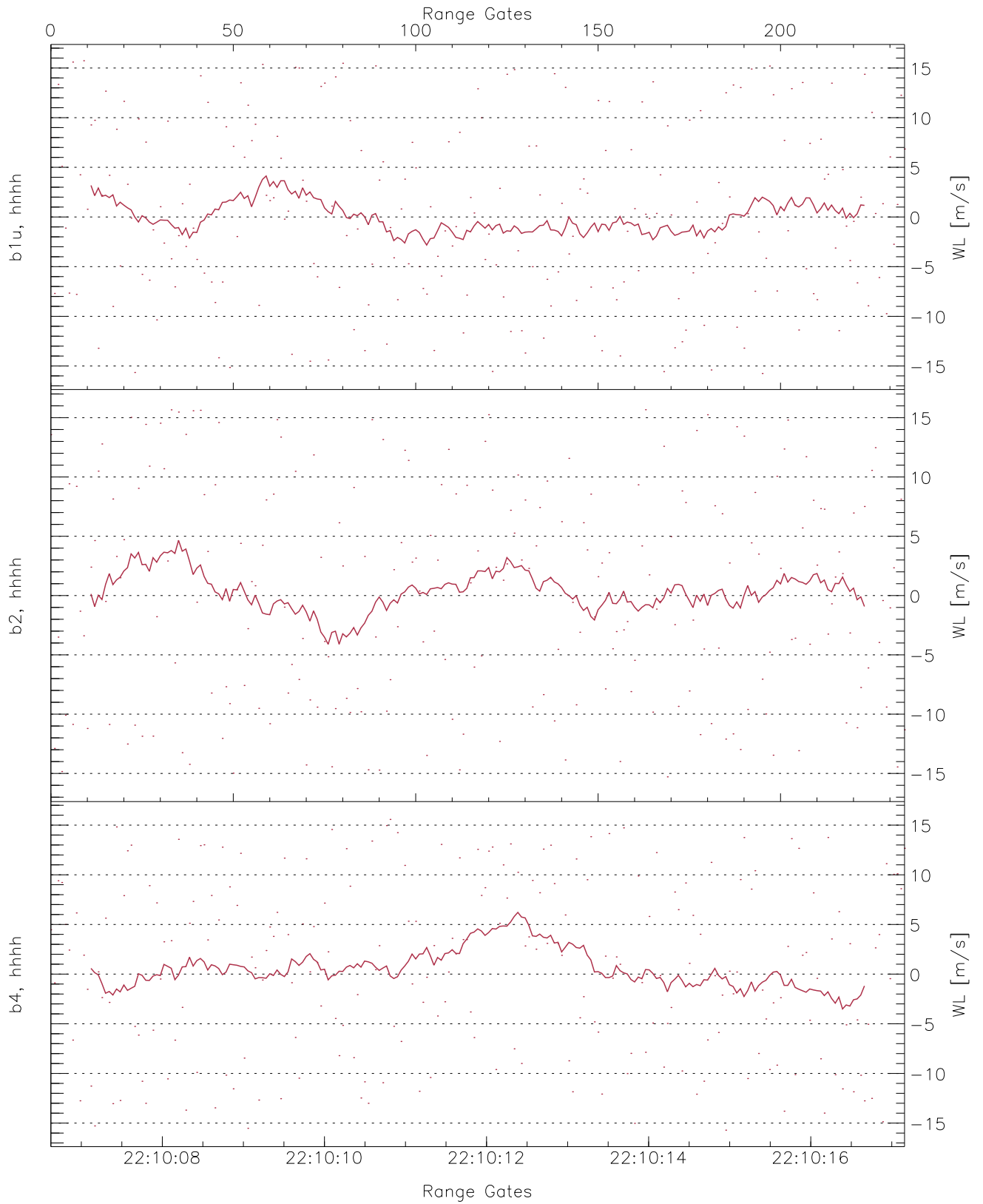
	Min	Max	Mean	Median	StDev
H1RG193_0 [dBm]	-65.95	-64.55	-65.27	-65.25	-77.31
V2RG390_0 [dBm]	-66.00	-64.29	-65.08	-65.06	-76.40
H2RG277_0 [dBm]	-65.78	-63.90	-64.98	-64.98	-76.28



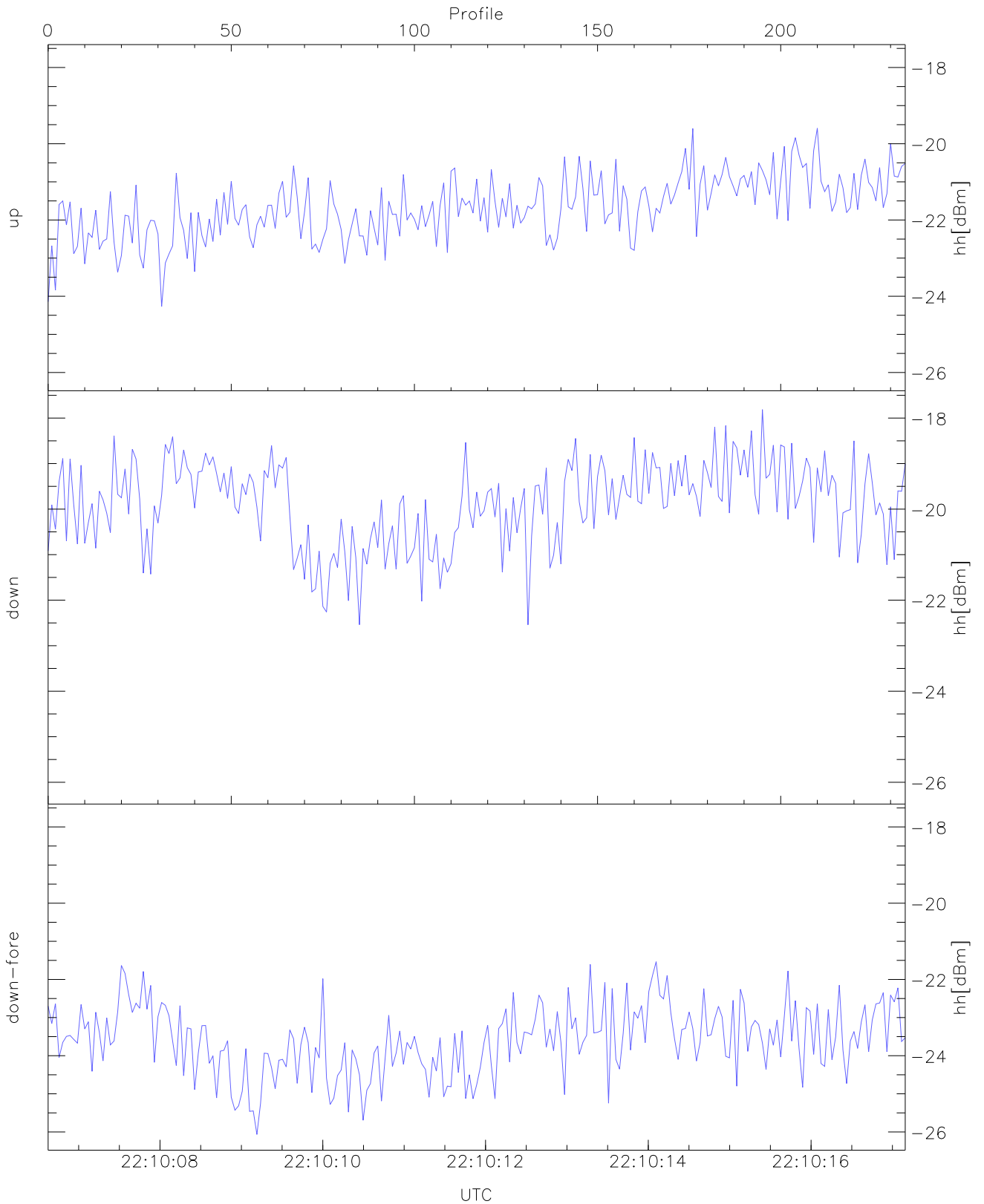
WCR3 CPP Averaged Received power for all recorded gates
blue: 221007-221012, 118 profiles averaged
red: 221012-221017, 118 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 221007-221012, 118 profiles averaged
red: 221012-221017, 118 profiles averaged

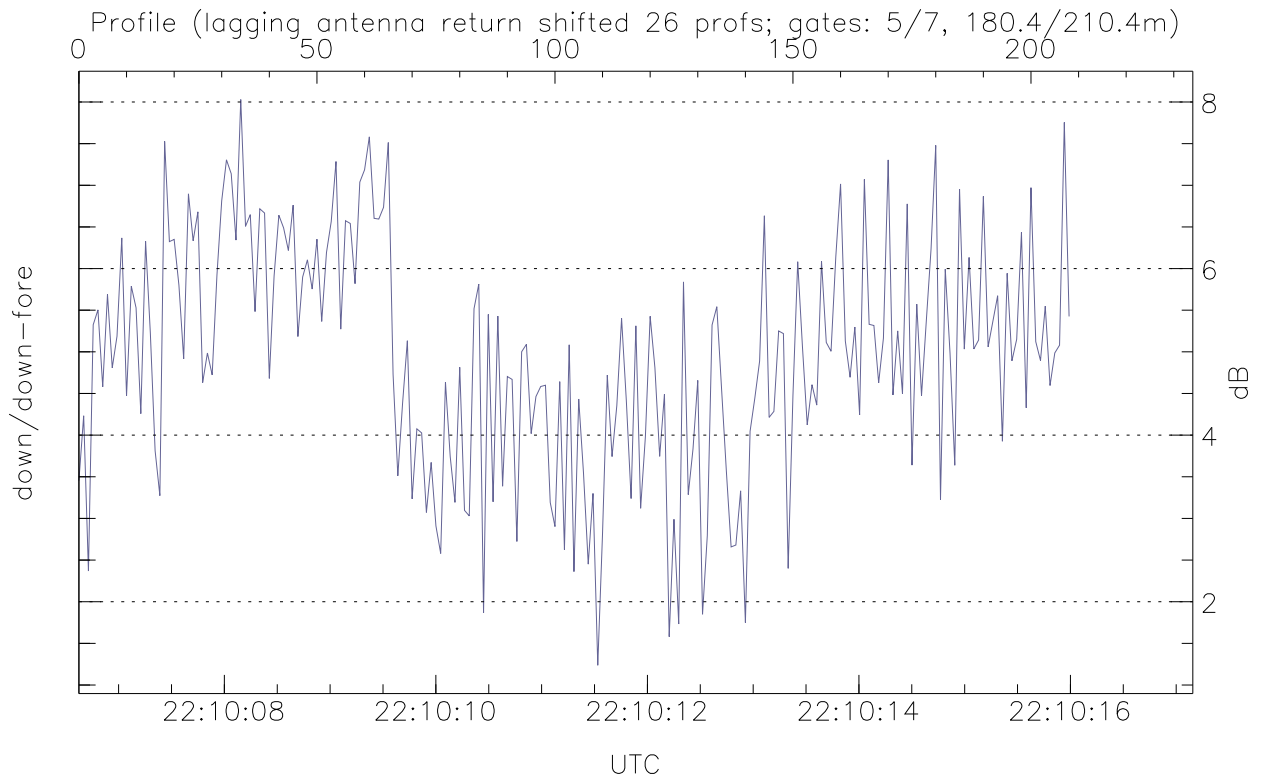
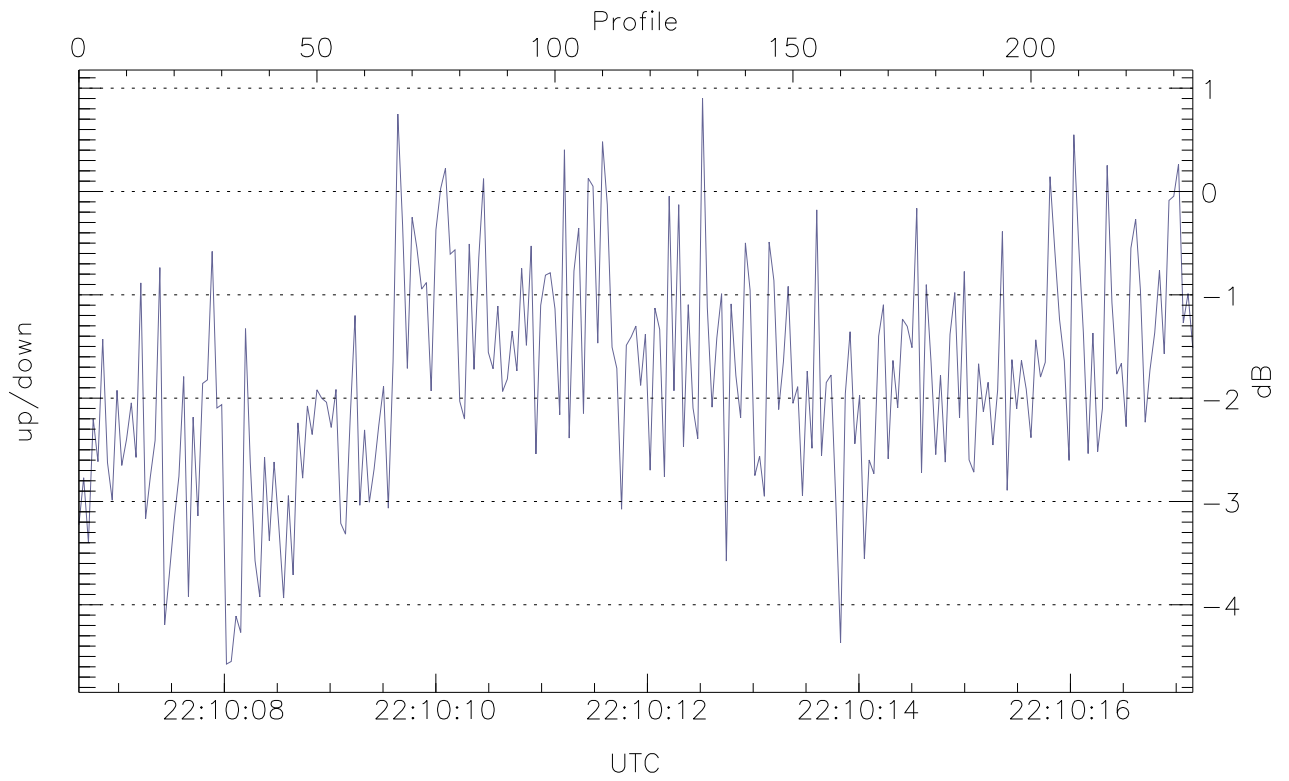


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



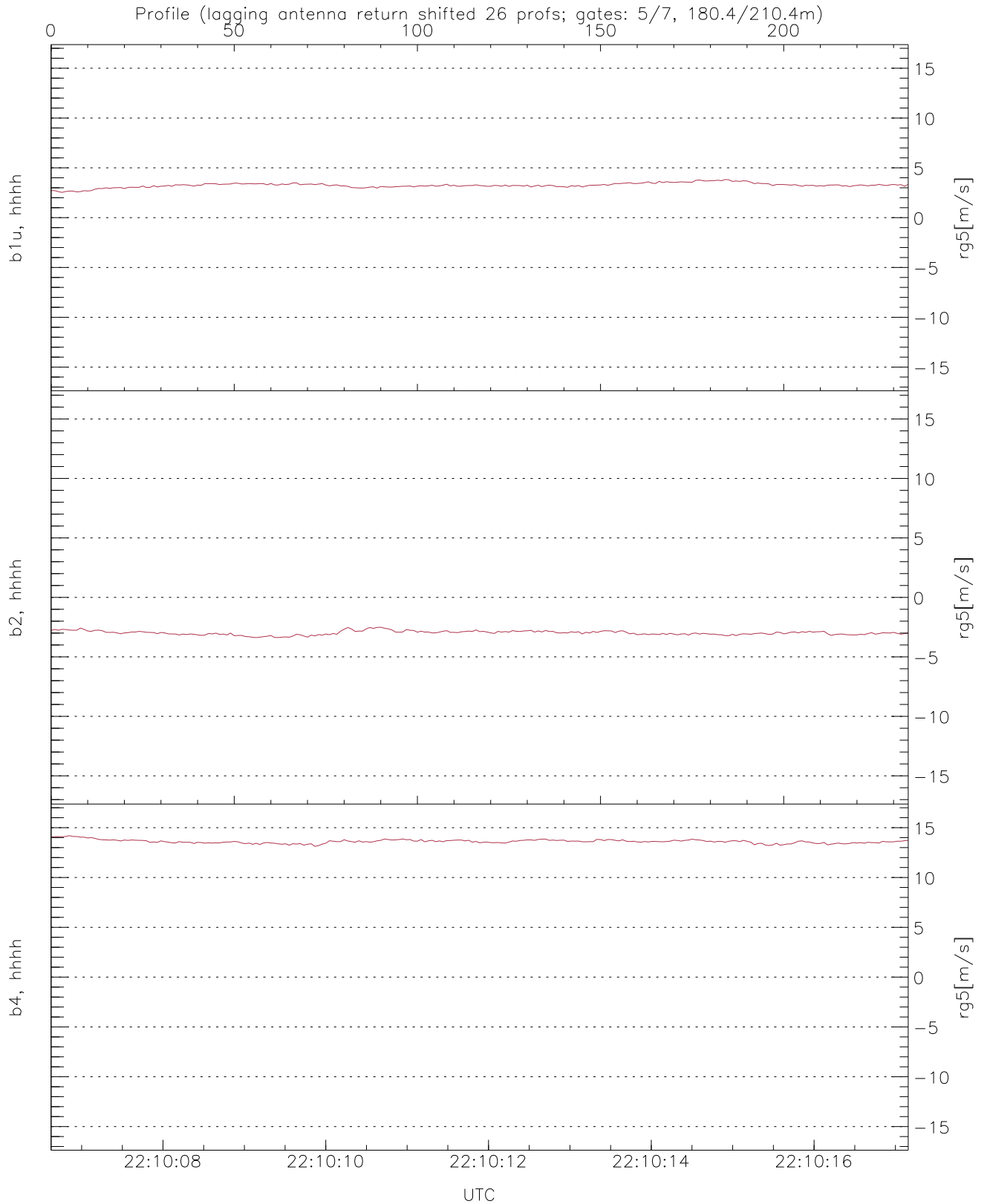
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-24.27	-19.59	-21.60
down(hh[dBm])	-22.54	-17.81	-19.79
down-fore(hh[dBm])	-26.07	-21.54	-23.50



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

	Min	Max	Mean
up/down (dB)	-4.57	0.90	-1.79
down/down-fore (dB)	1.24	8.03	4.95



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	2.54	3.82	3.25	0.23
b2, hhhh(rg5[m/s])	-3.38	-2.51	-2.98	0.17
b4, hhhh(rg5[m/s])	13.12	14.20	13.61	0.19