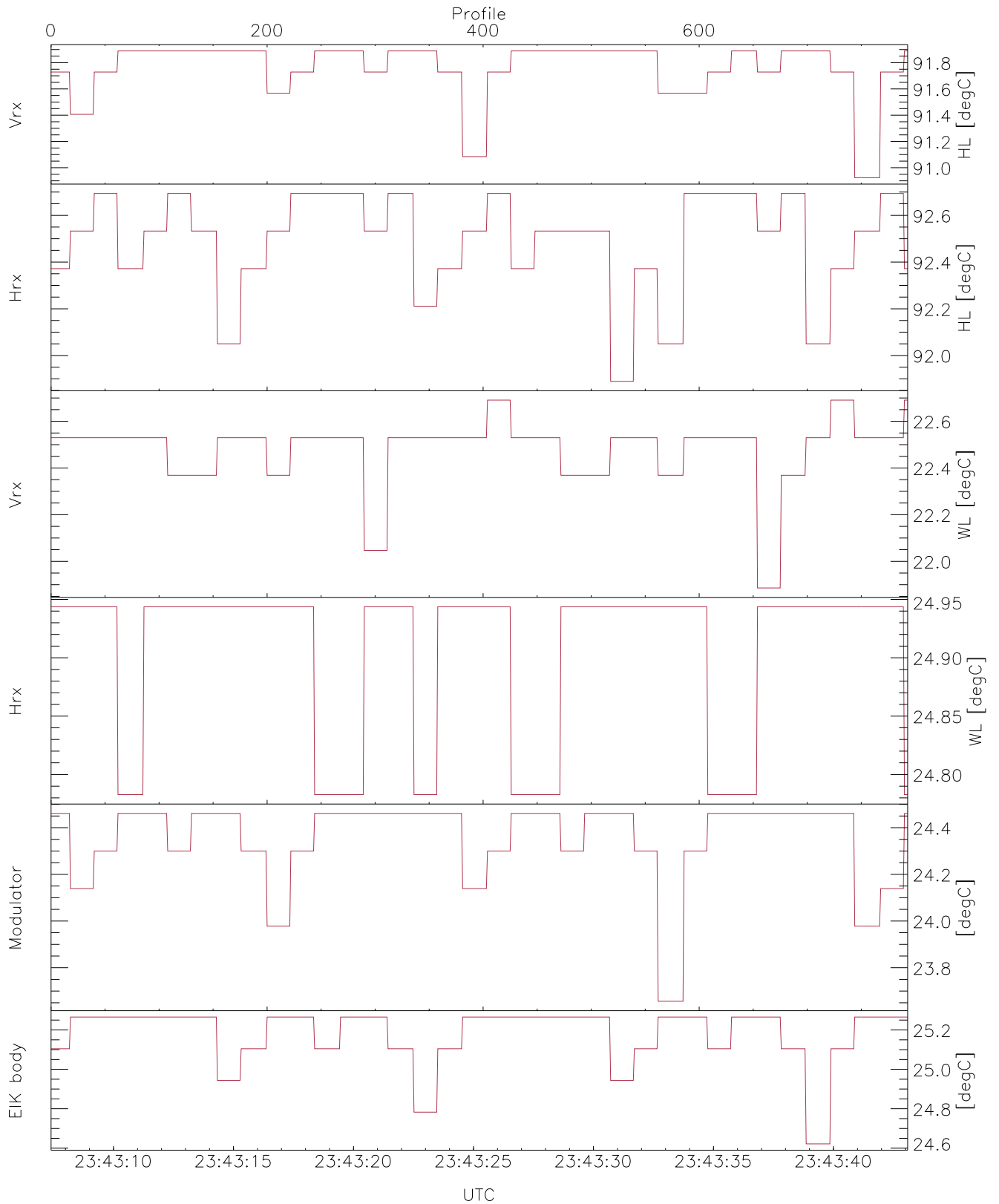


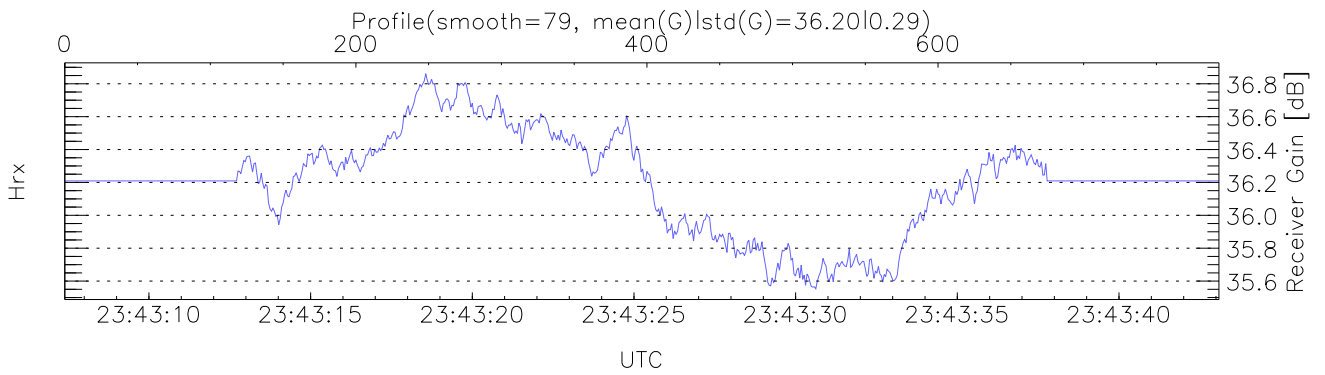
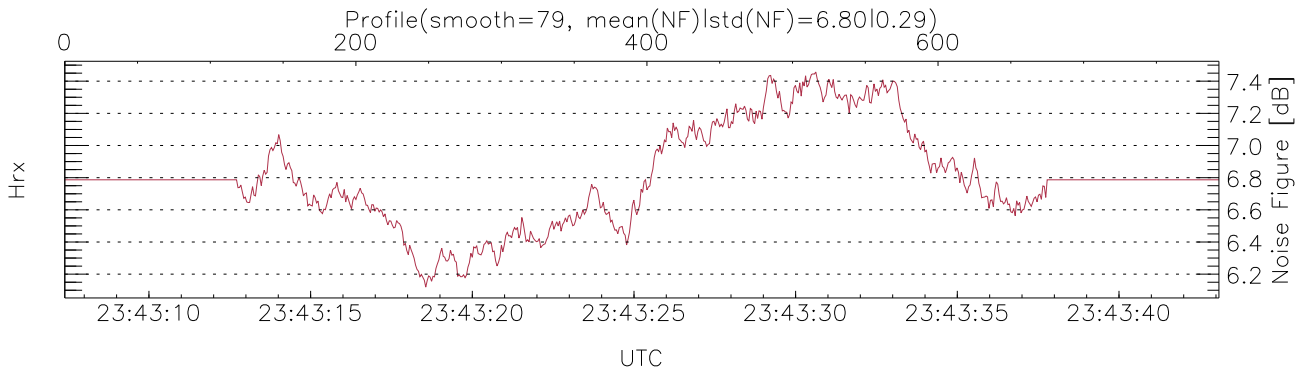
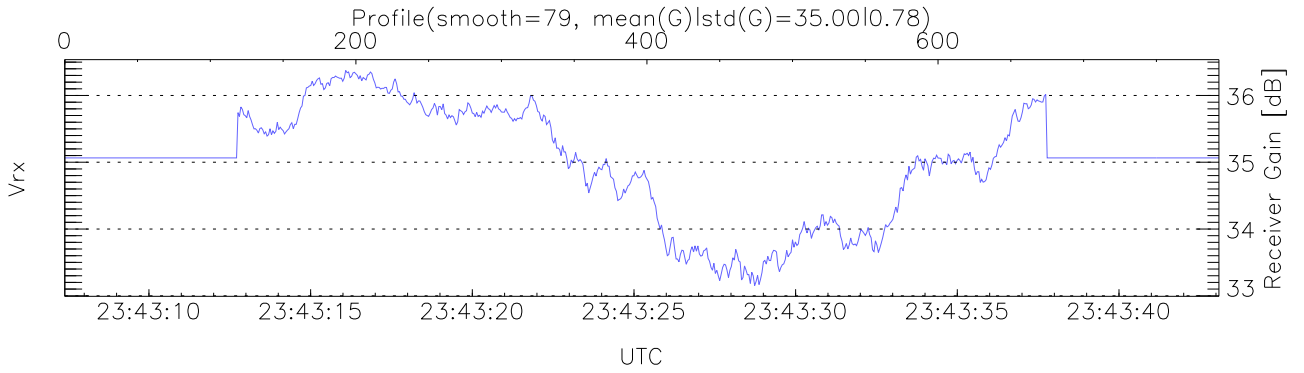
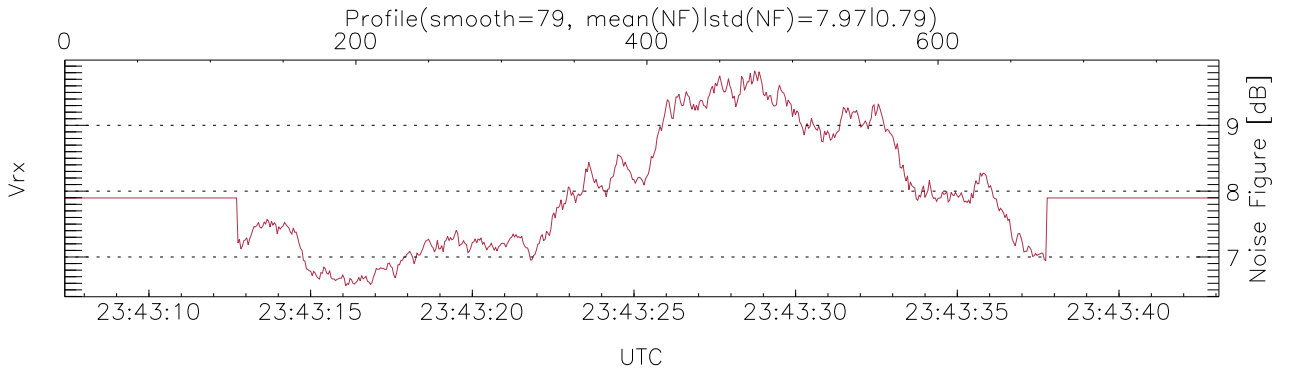
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:43:07-23:43:43, TimeCor: 0.00s, Dur: 35.69s
 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): 794/794, 0-793/23:43:07-23:43:43
 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



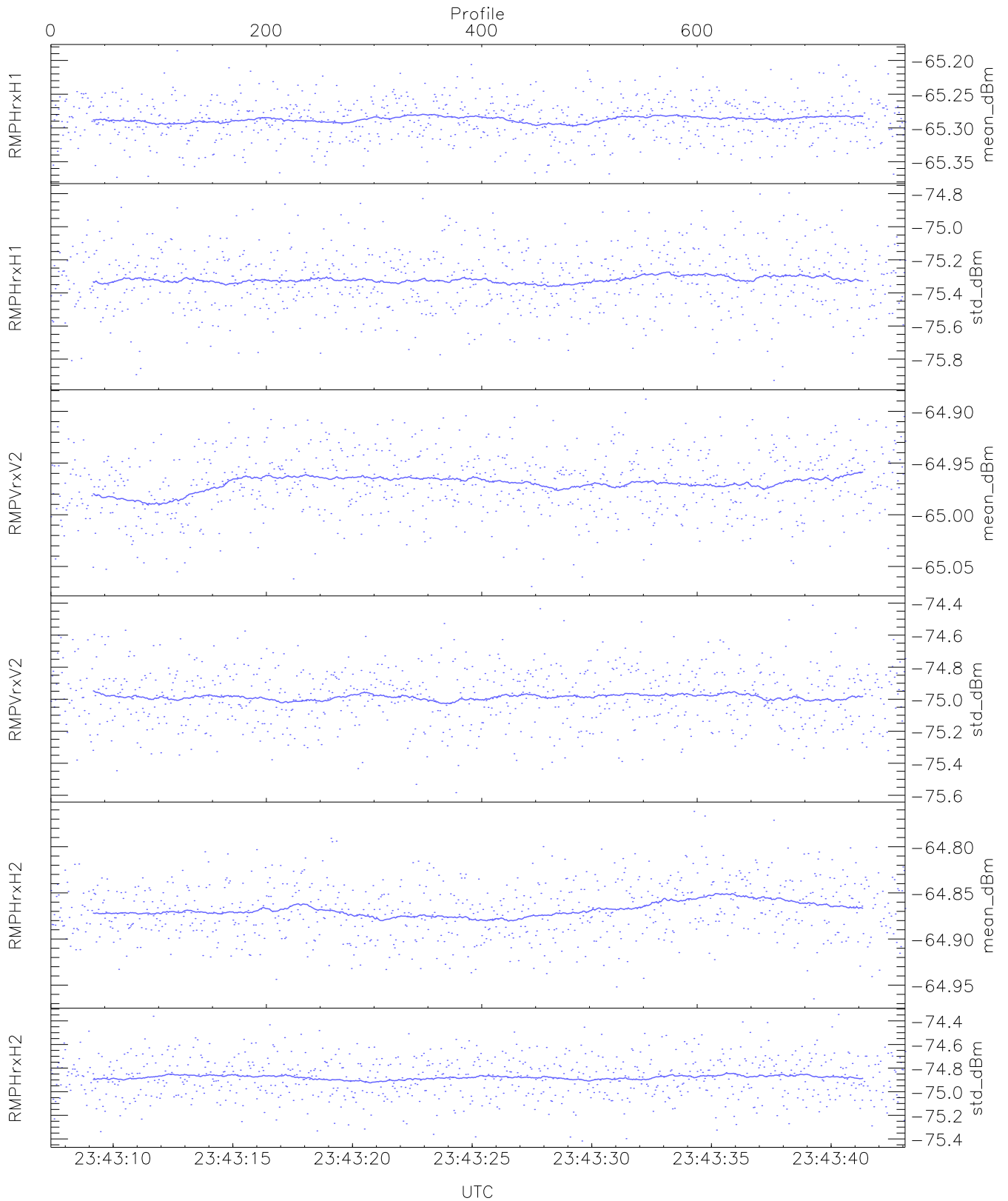
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,24,23,24`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,24,25`
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`
`EIK/Modulator Faults: None`



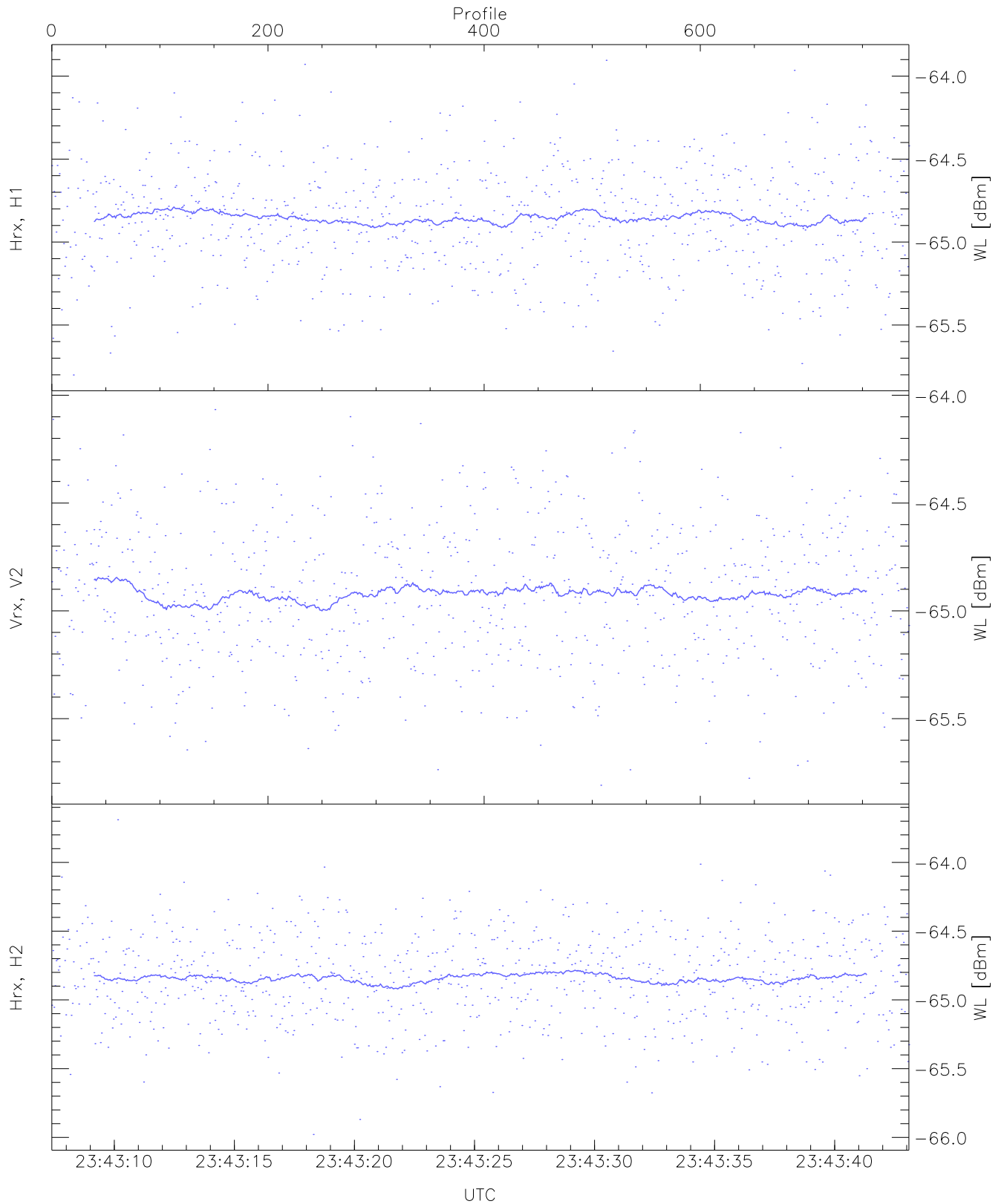
WCR3 CPP Receivers Gain and Noise Figure

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



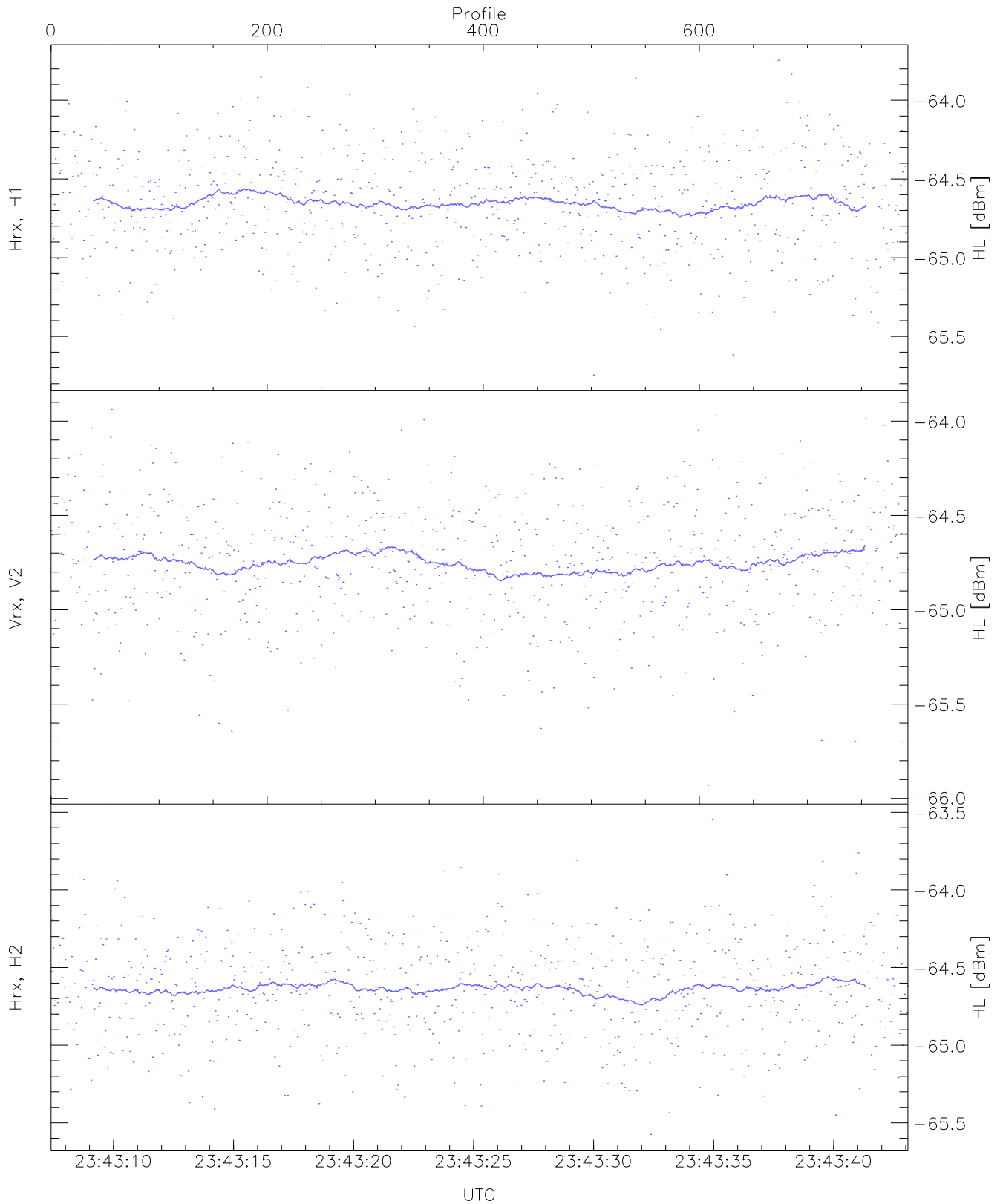
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.37	-65.19	-65.29	-65.29	-86.89
RMPHrxH1 (std_dBm)	-75.93	-74.80	-75.32	-75.32	-89.00
RMPVrxV2 (mean_dBm)	-65.07	-64.89	-64.97	-64.97	-86.48
RMPVrxV2 (std_dBm)	-75.58	-74.41	-74.98	-74.98	-88.79
RMPHrxH2 (mean_dBm)	-64.96	-64.76	-64.87	-64.87	-86.46
RMPHrxH2 (std_dBm)	-75.42	-74.35	-74.88	-74.88	-88.86



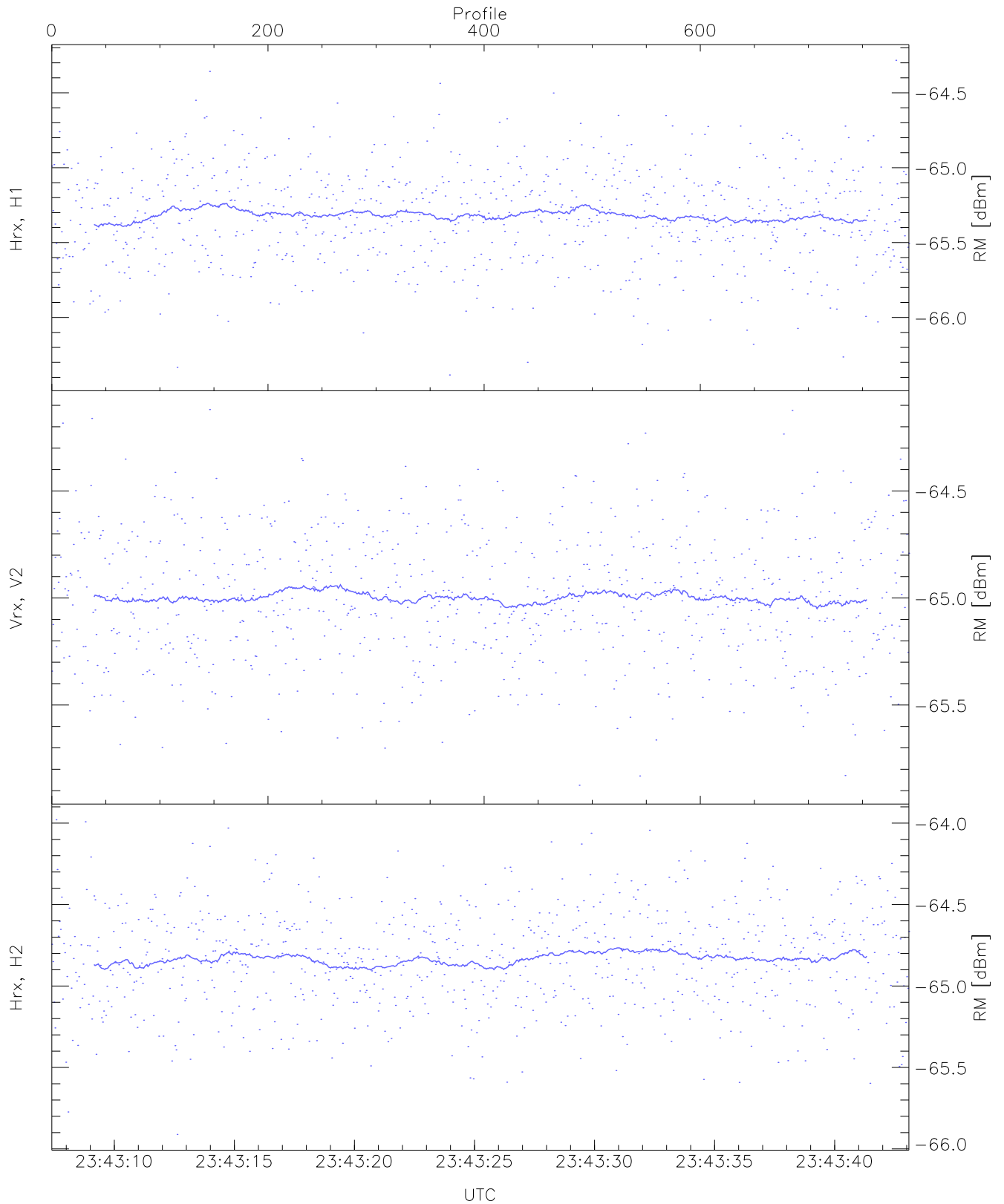
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.80	-63.90	-64.85	-64.85	-76.35
Vrx, V2 (WL [dBm])	-65.81	-64.07	-64.91	-64.92	-76.35
Hrx, H2 (WL [dBm])	-65.98	-63.69	-64.83	-64.84	-76.31



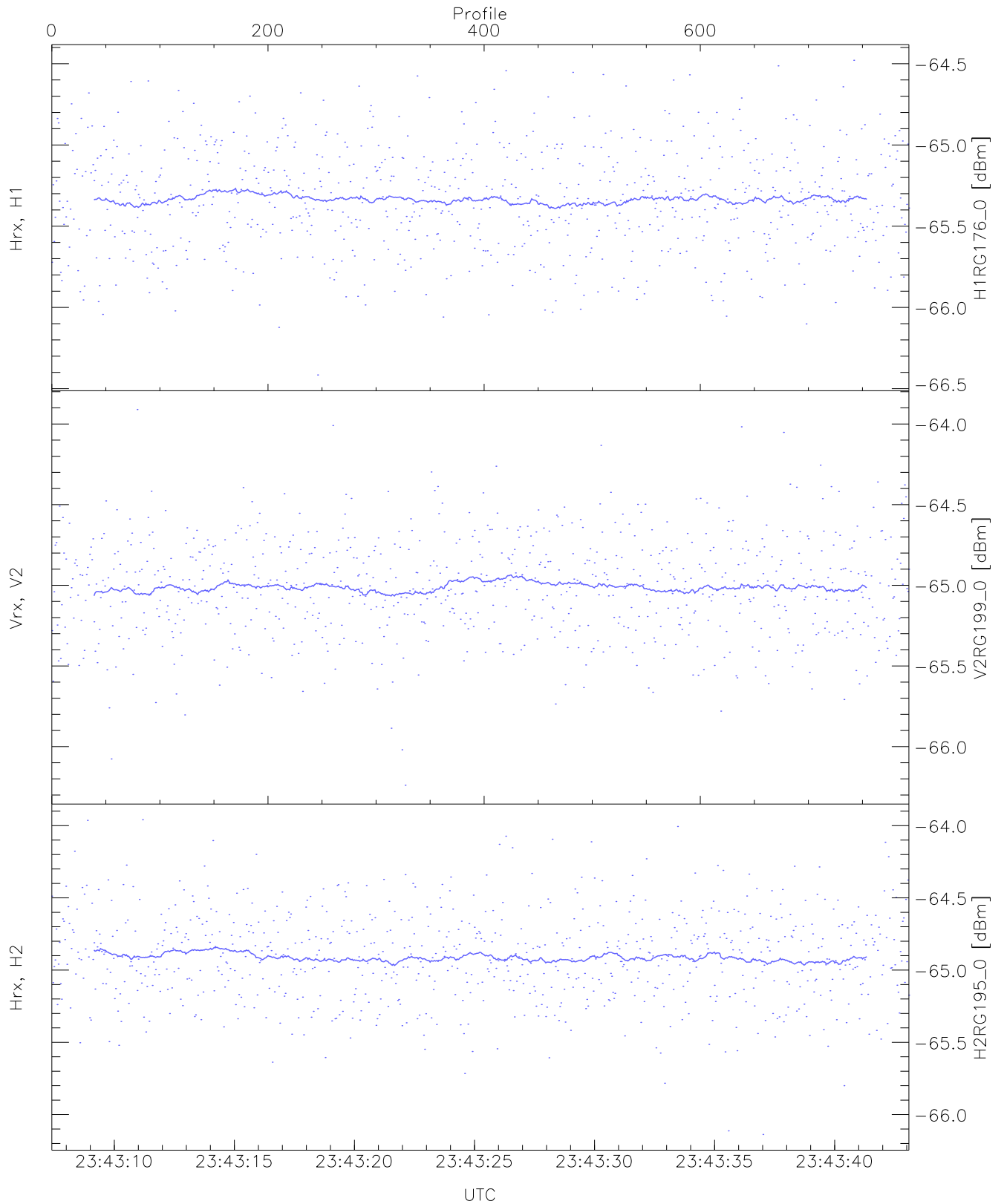
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.75	-63.75	-64.64	-64.64	-76.14
Vrx, V2 (HL [dBm])	-65.93	-63.94	-64.74	-64.73	-76.29
Hrx, H2 (HL [dBm])	-65.57	-63.55	-64.63	-64.63	-76.10



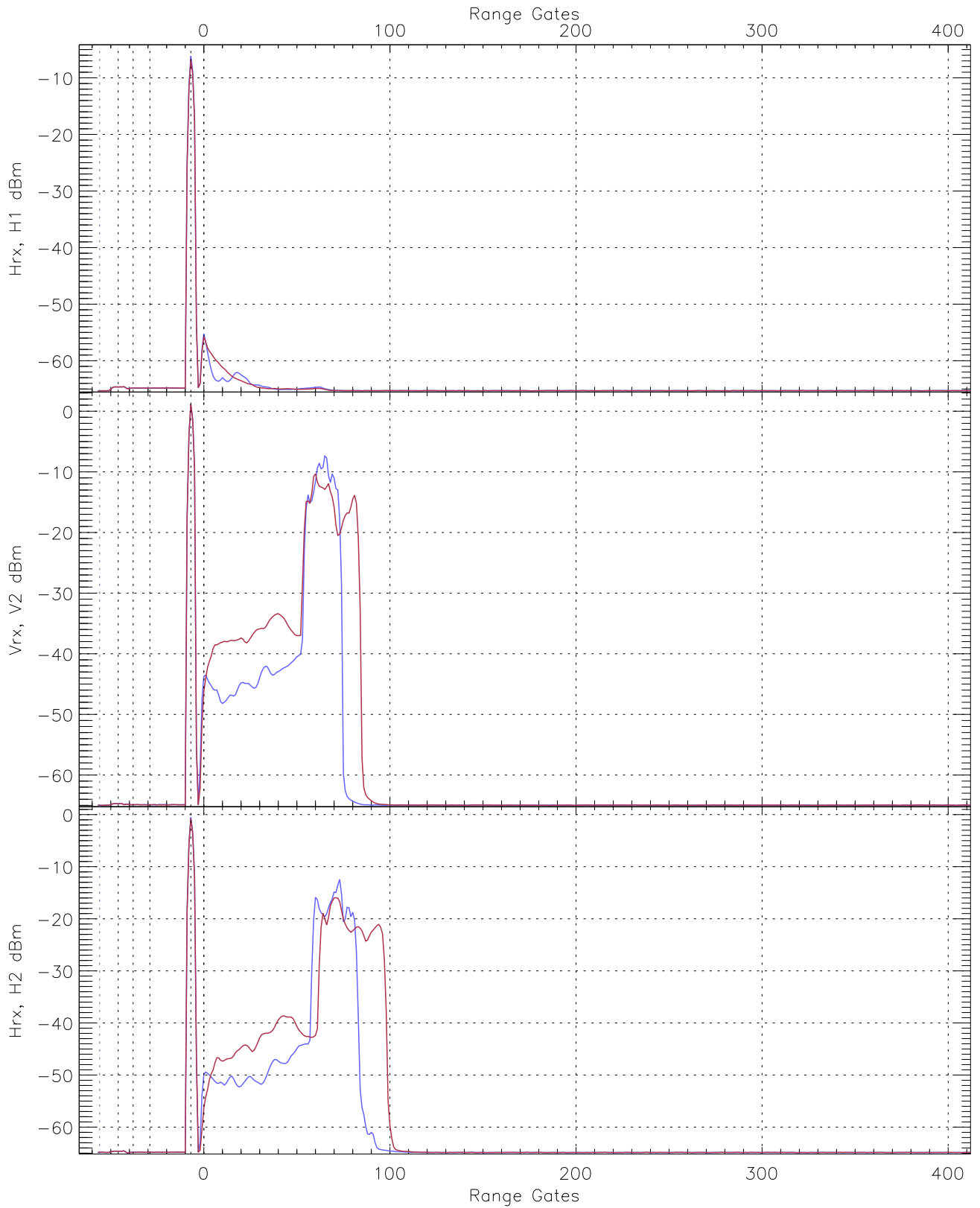
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.38	-64.28	-65.31	-65.32	-76.74
Vrx, V2 (RM [dBm])	-65.87	-64.12	-64.99	-65.00	-76.65
Hrx, H2 (RM [dBm])	-65.91	-63.98	-64.82	-64.83	-76.40

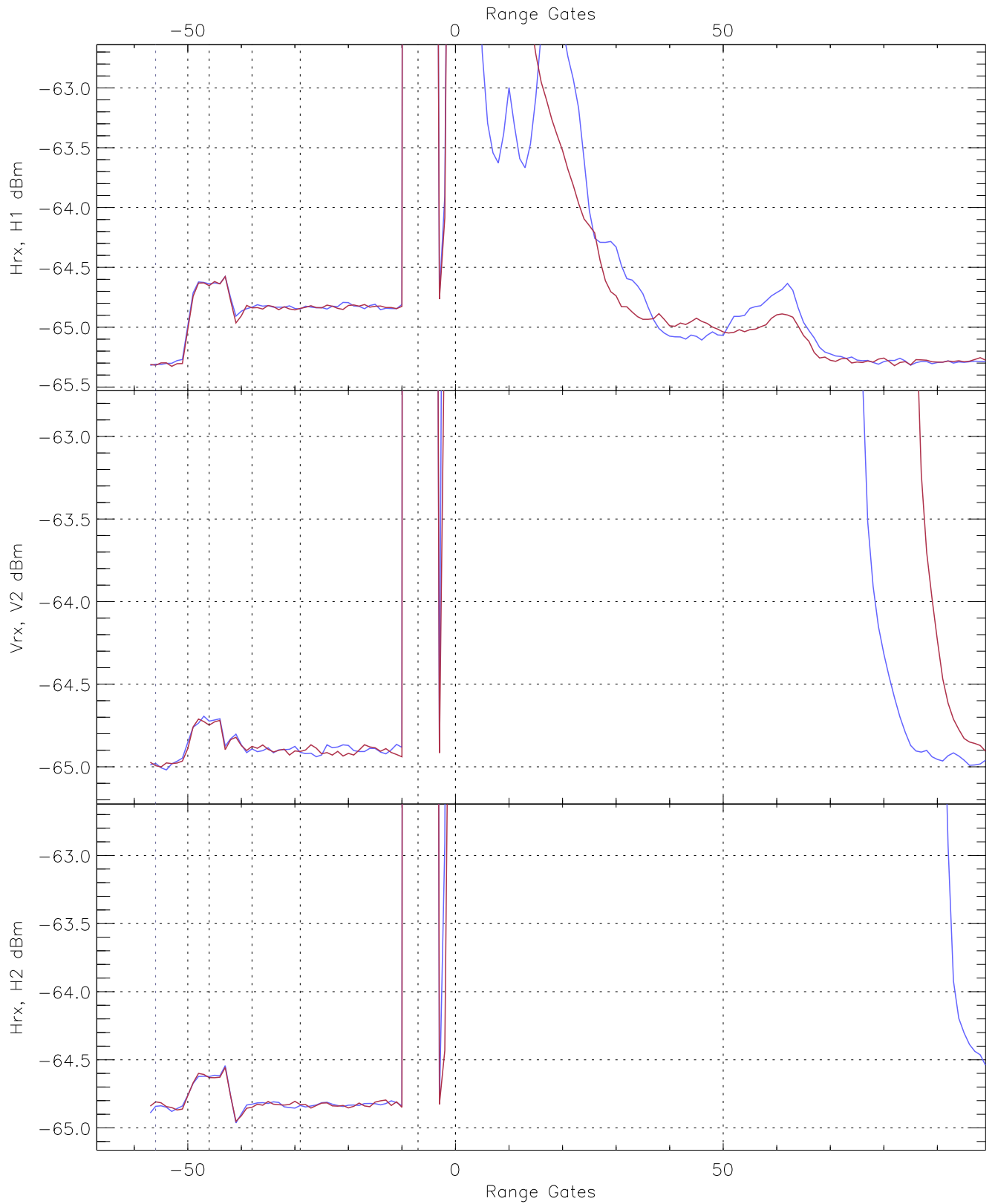


WCR3 CPP "Best" estimate Receivers Noise Power

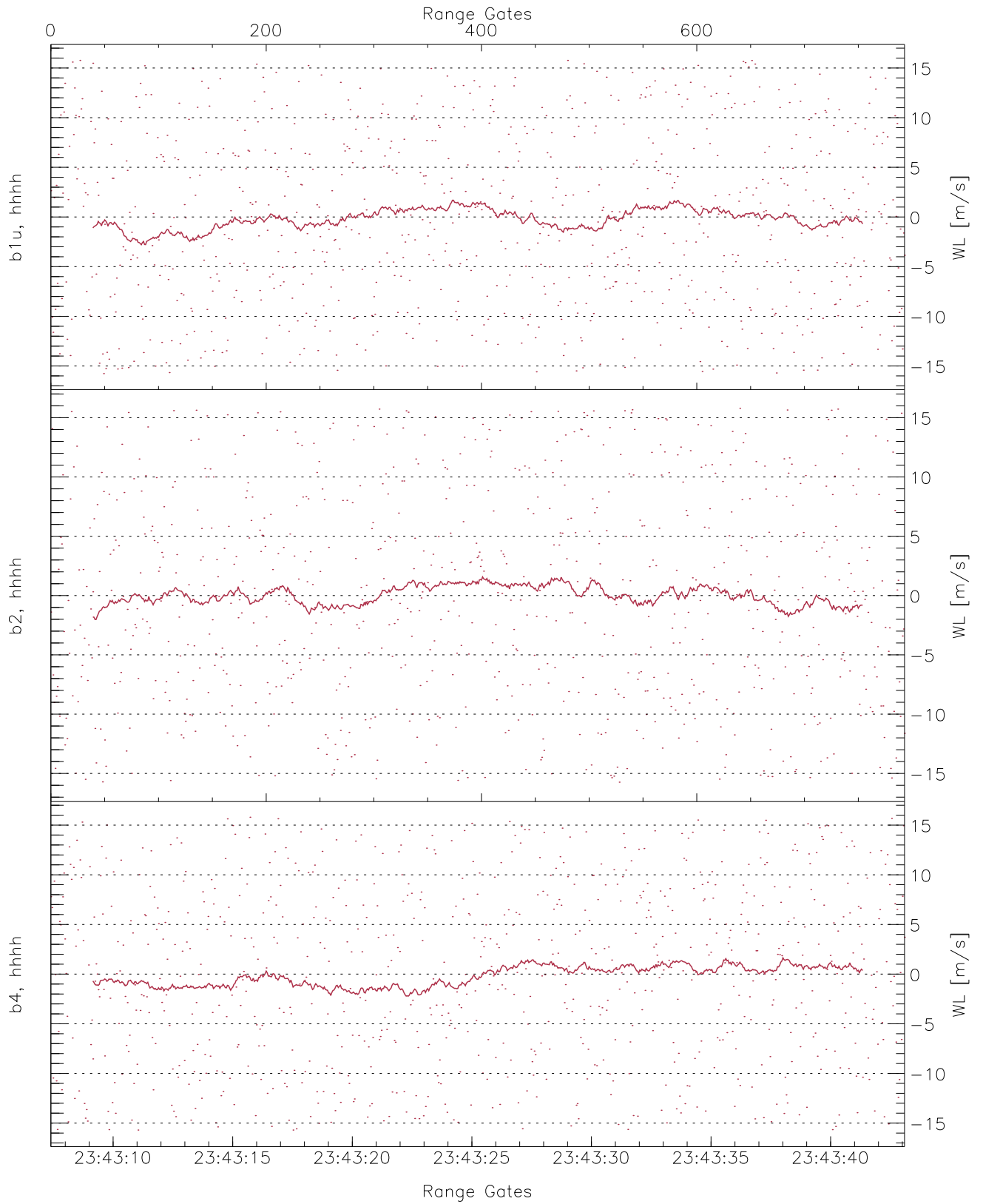
	Min	Max	Mean	Median	StDev
H1RG176_0 [dBm]	-66.42	-64.48	-65.32	-65.34	-76.67
V2RG199_0 [dBm]	-66.24	-63.91	-65.00	-65.00	-76.49
H2RG195_0 [dBm]	-66.14	-63.96	-64.90	-64.91	-76.37



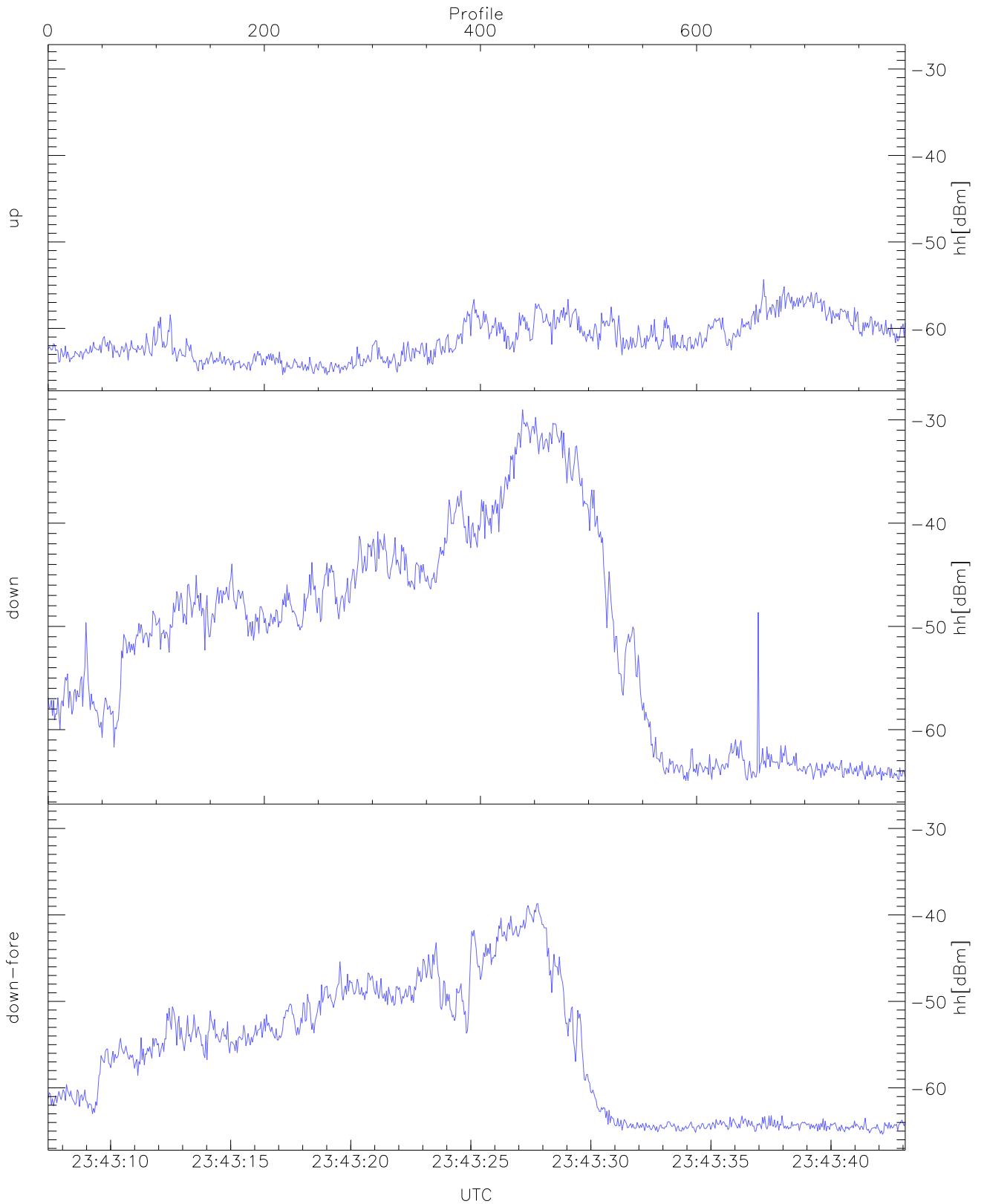
WCR3 CPP Averaged Received power for all recorded gates
blue: 234307-234325, 398 profiles averaged
red: 234325-234343, 397 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 234307-234325, 398 profiles averaged
red: 234325-234343, 397 profiles averaged

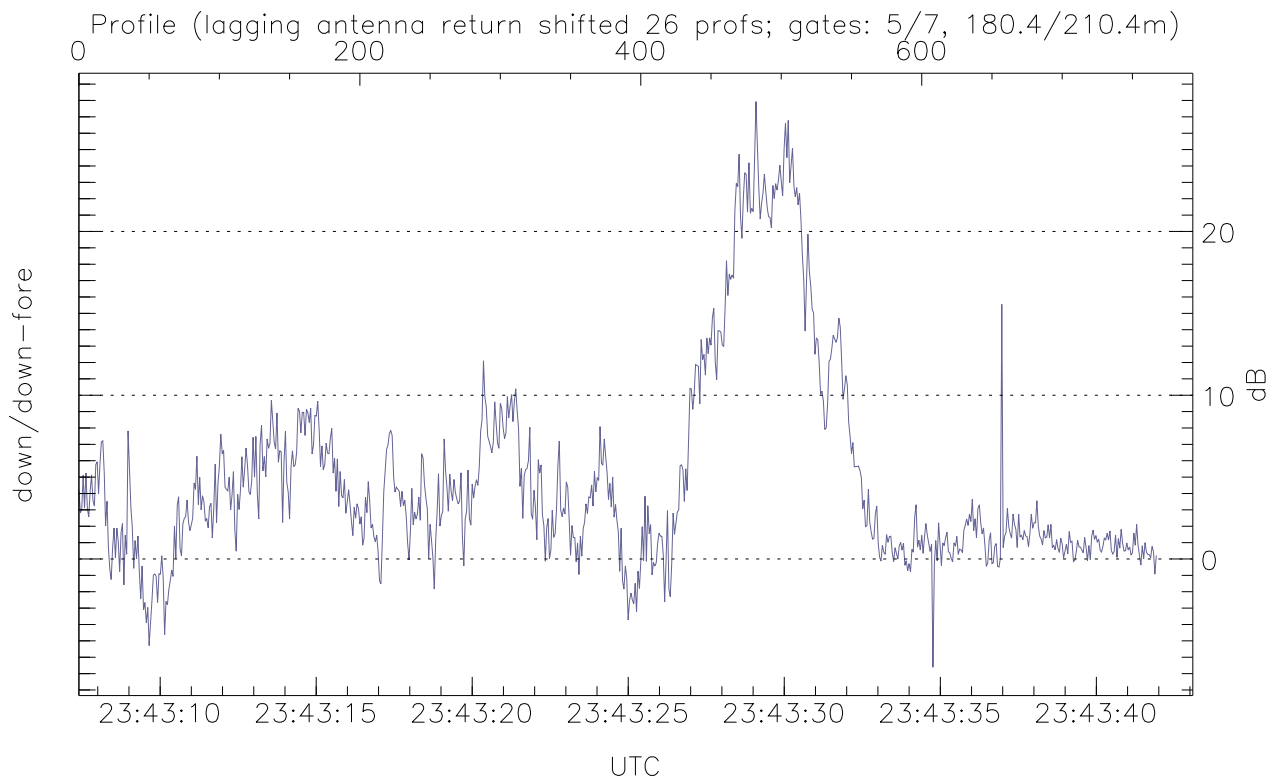
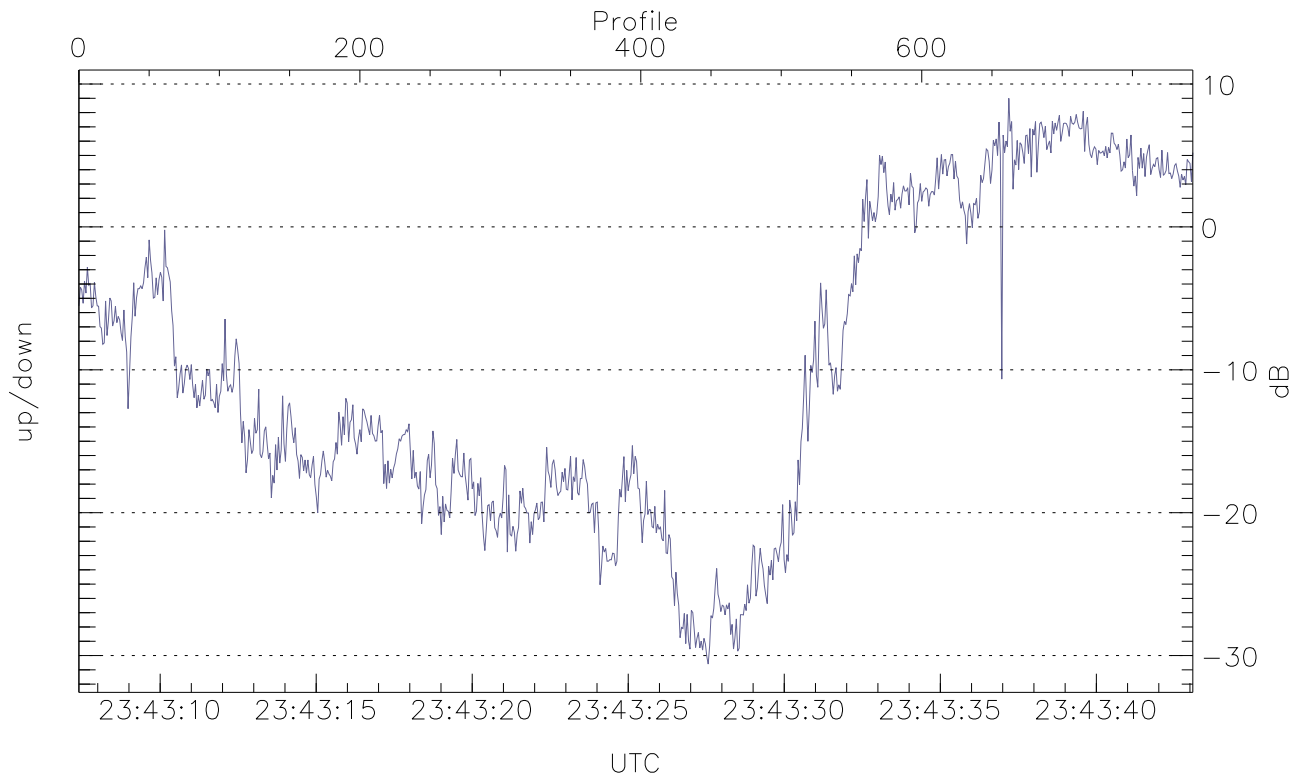


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



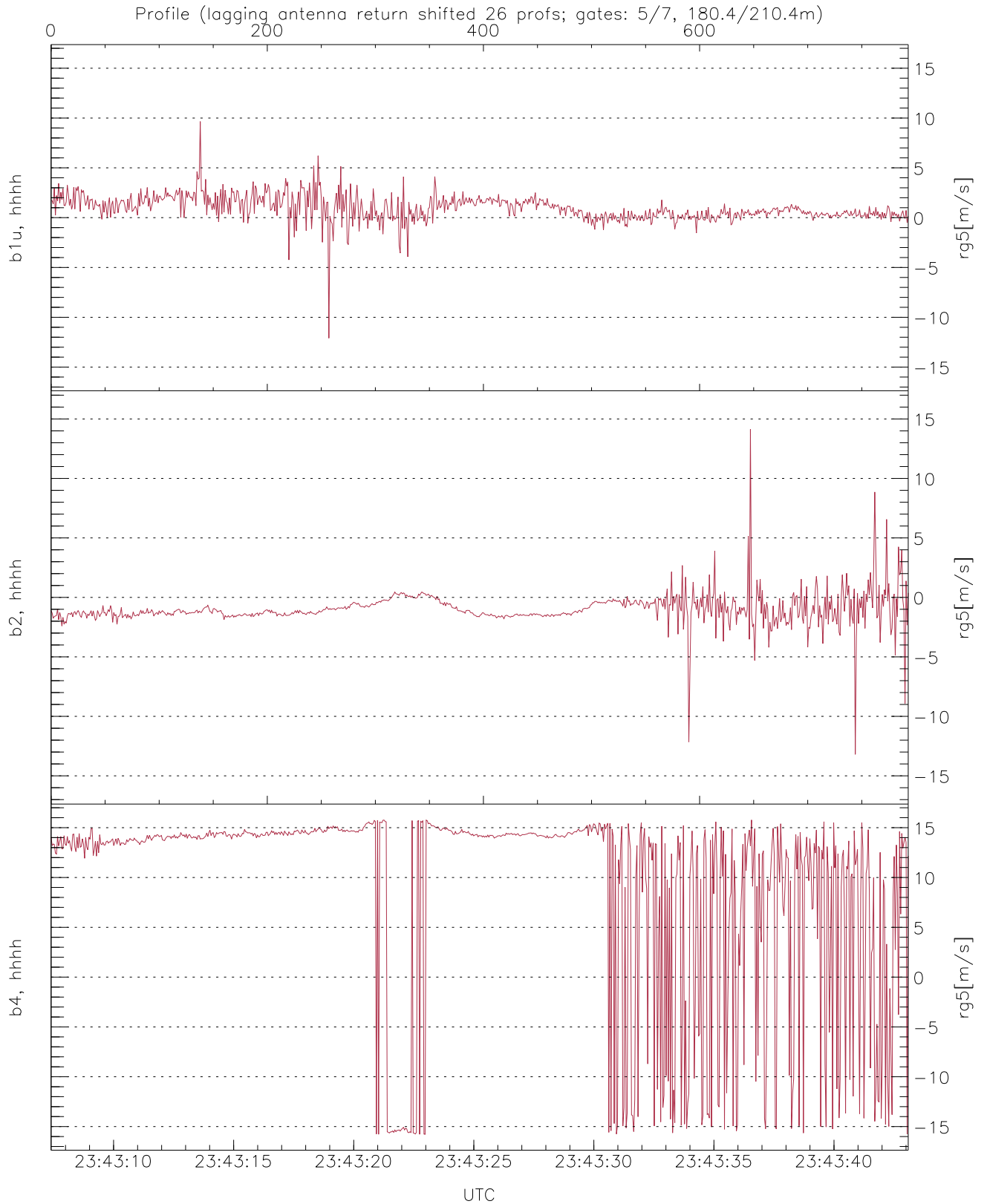
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.39	-54.34	-60.64
down(hh[dBm])	-64.95	-29.00	-41.27
down-fore(hh[dBm])	-65.35	-38.68	-49.83



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

	Min	Max	Mean
up/down (dB)	-30.59	9.00	-10.09
down/down-fore (dB)	-6.61	27.94	4.93



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-12.10	9.65	0.96	1.27
b2, hhhh(rg5[m/s])	-13.20	14.13	-0.97	1.37
b4, hhhh(rg5[m/s])	-15.78	15.78	9.29	9.99