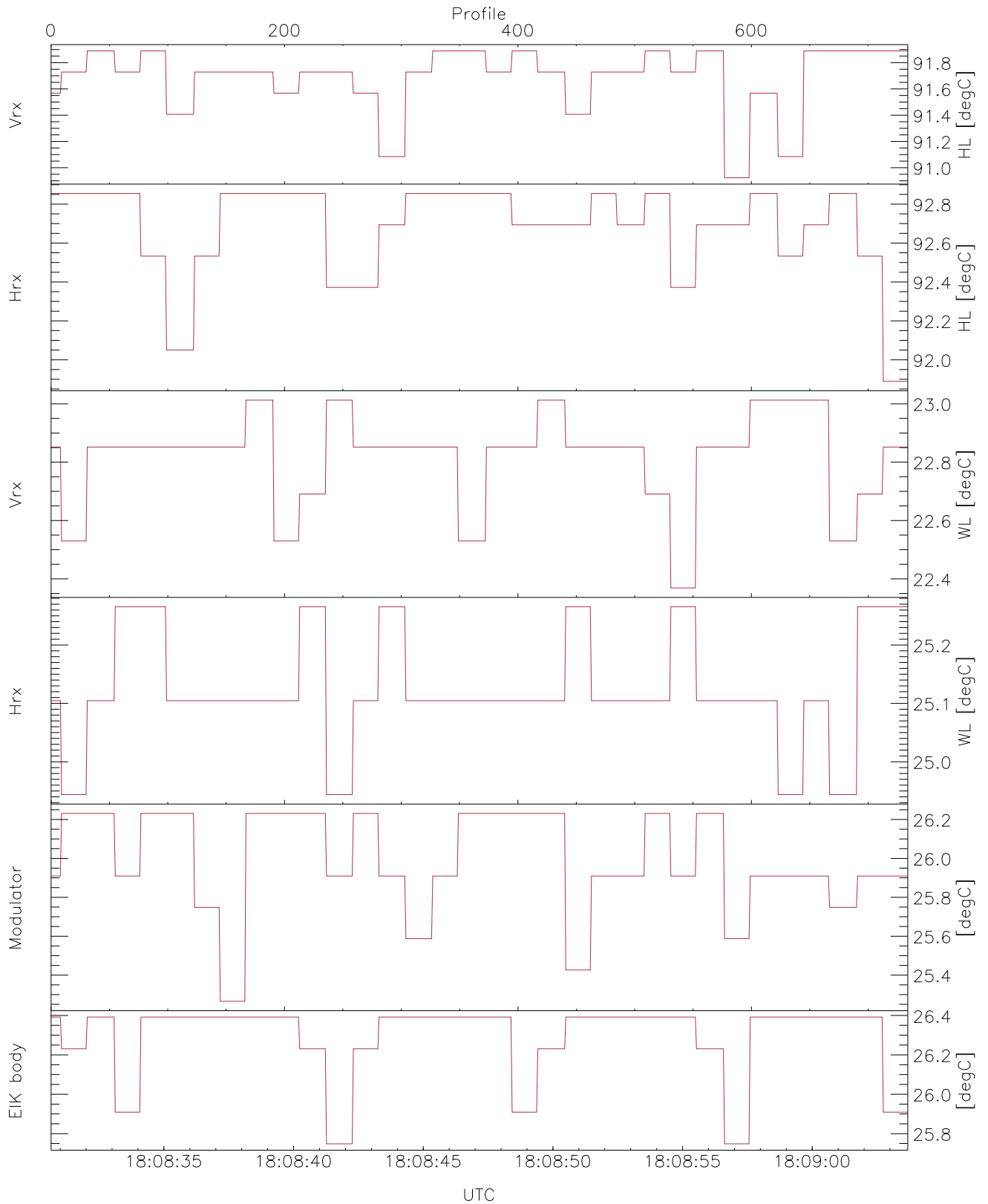


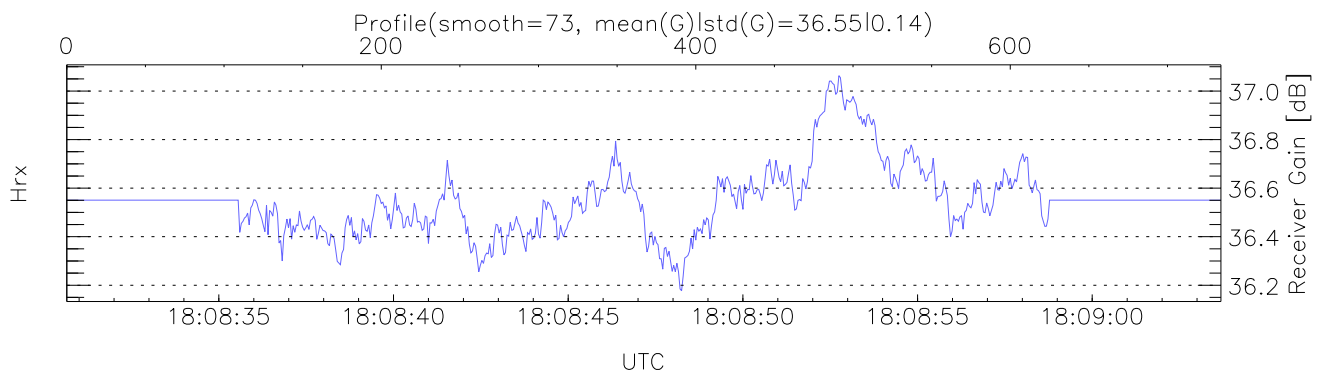
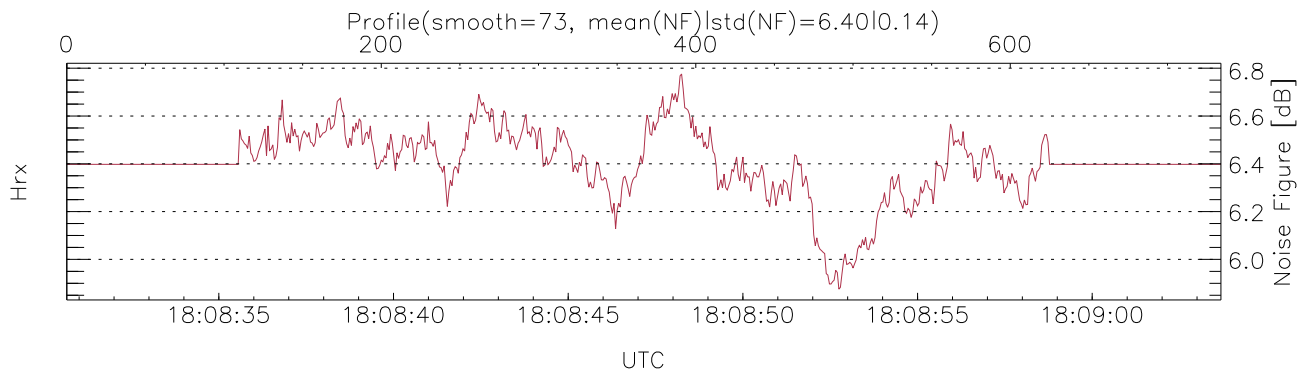
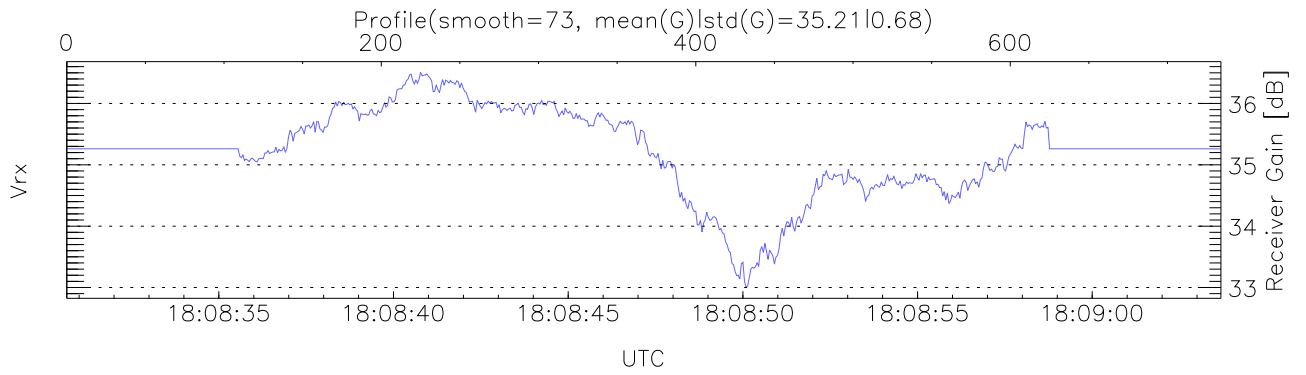
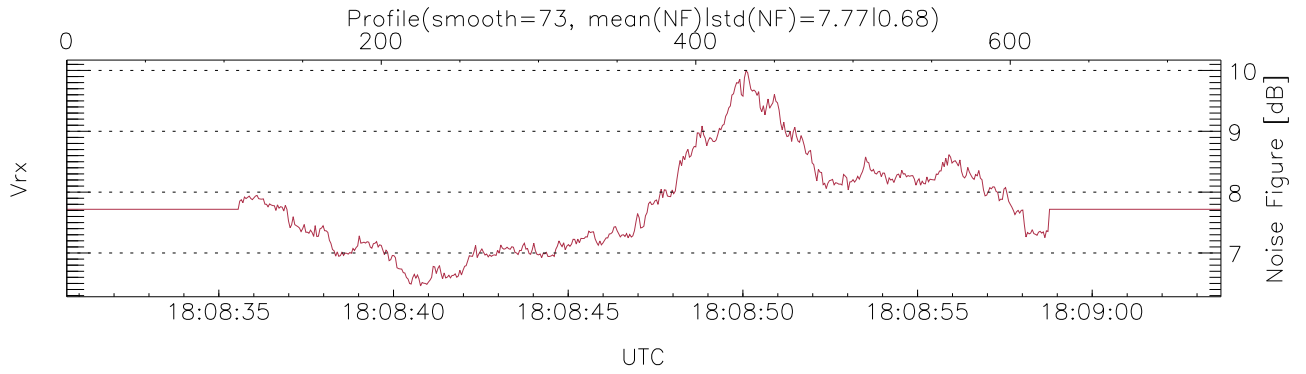
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:08:31-18:09:04, TimeCor: 0.00s, Dur: 33.04s
 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): 735/735, 0-734/18:08:31-18:09:04
 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



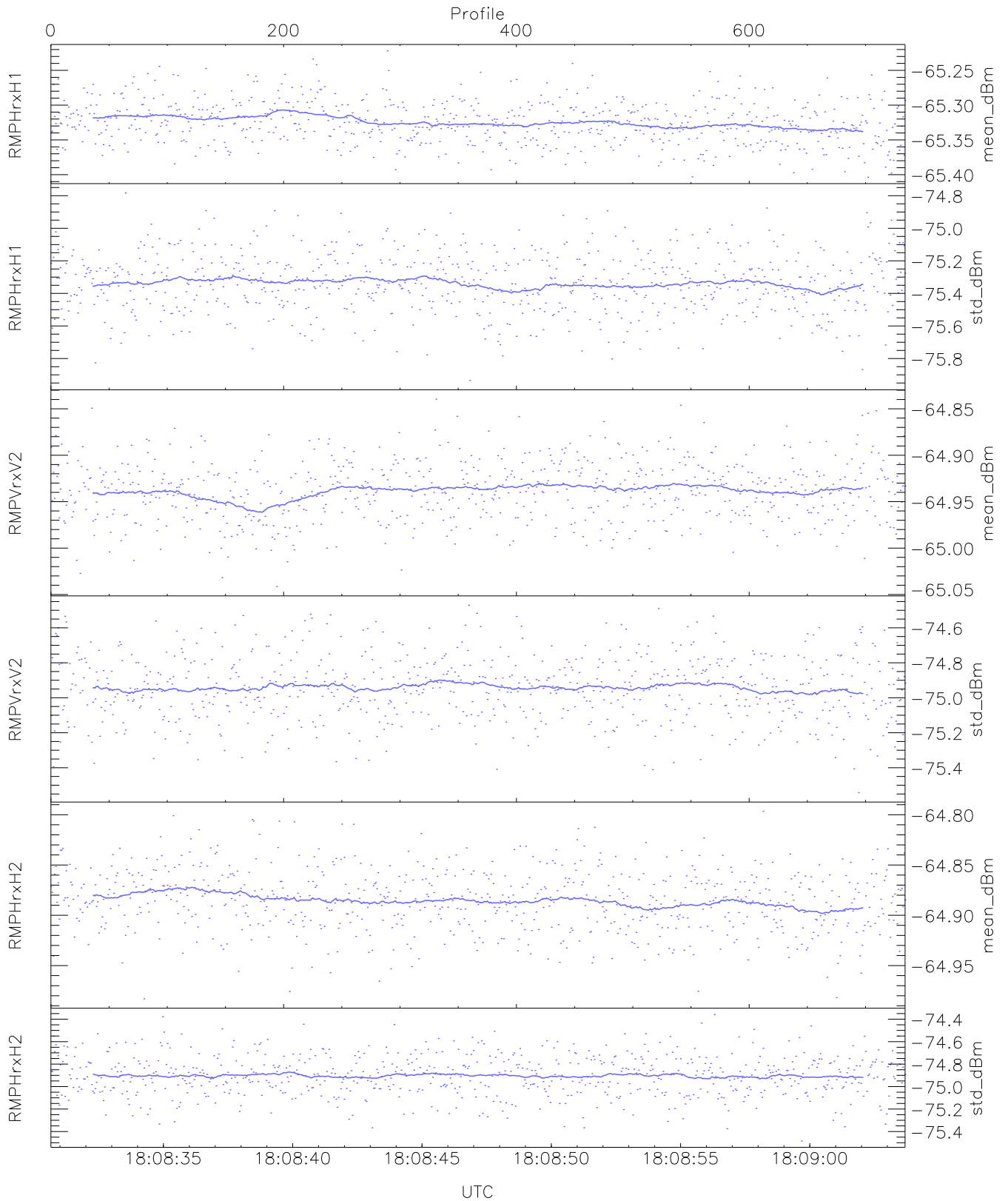
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,25,25
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,26,26
 LOalarm(20,240,2817,14861 MHz): None
 EIK/Modulator Faults: None



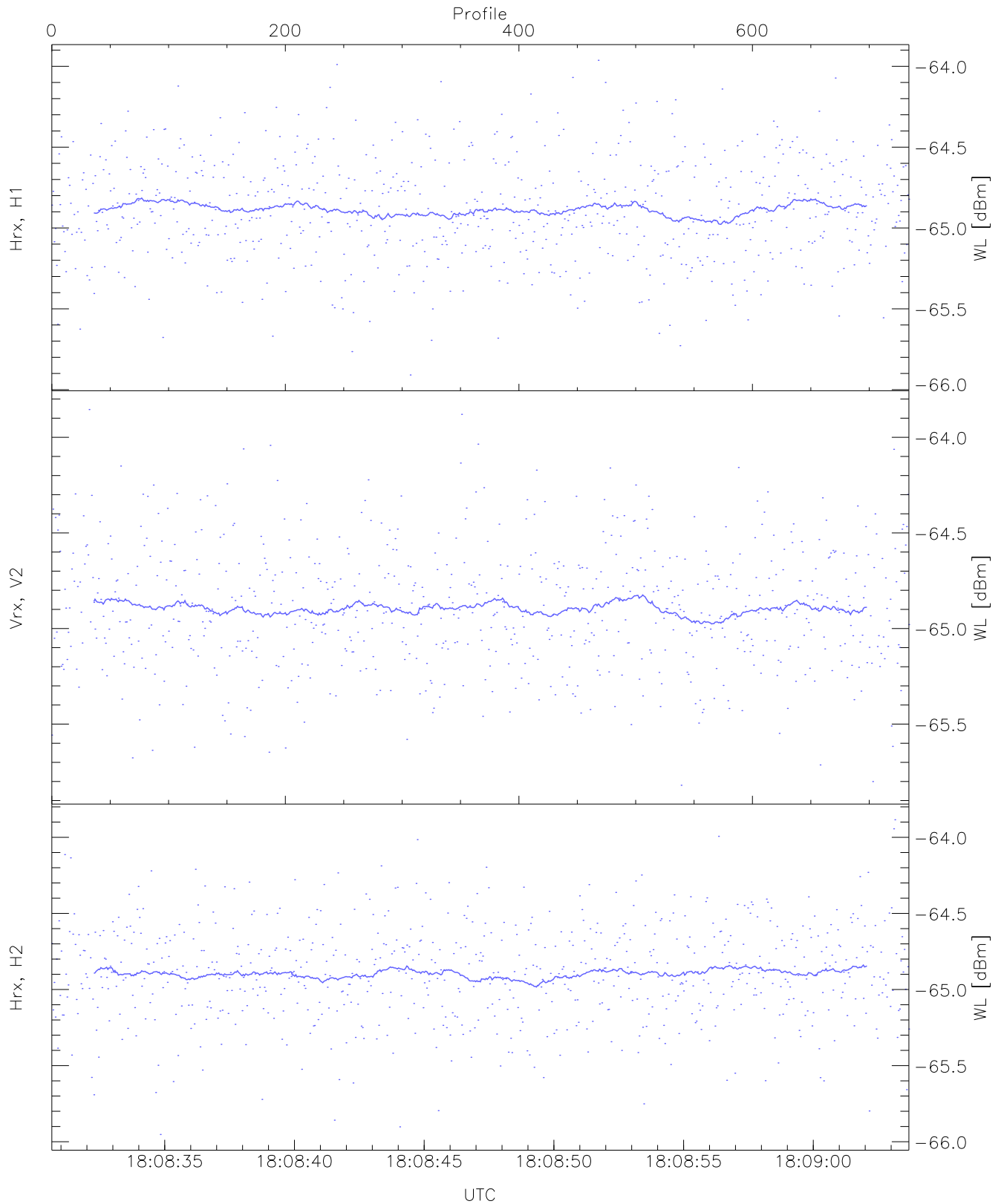
WCR3 CPP Receivers Gain and Noise Figure

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



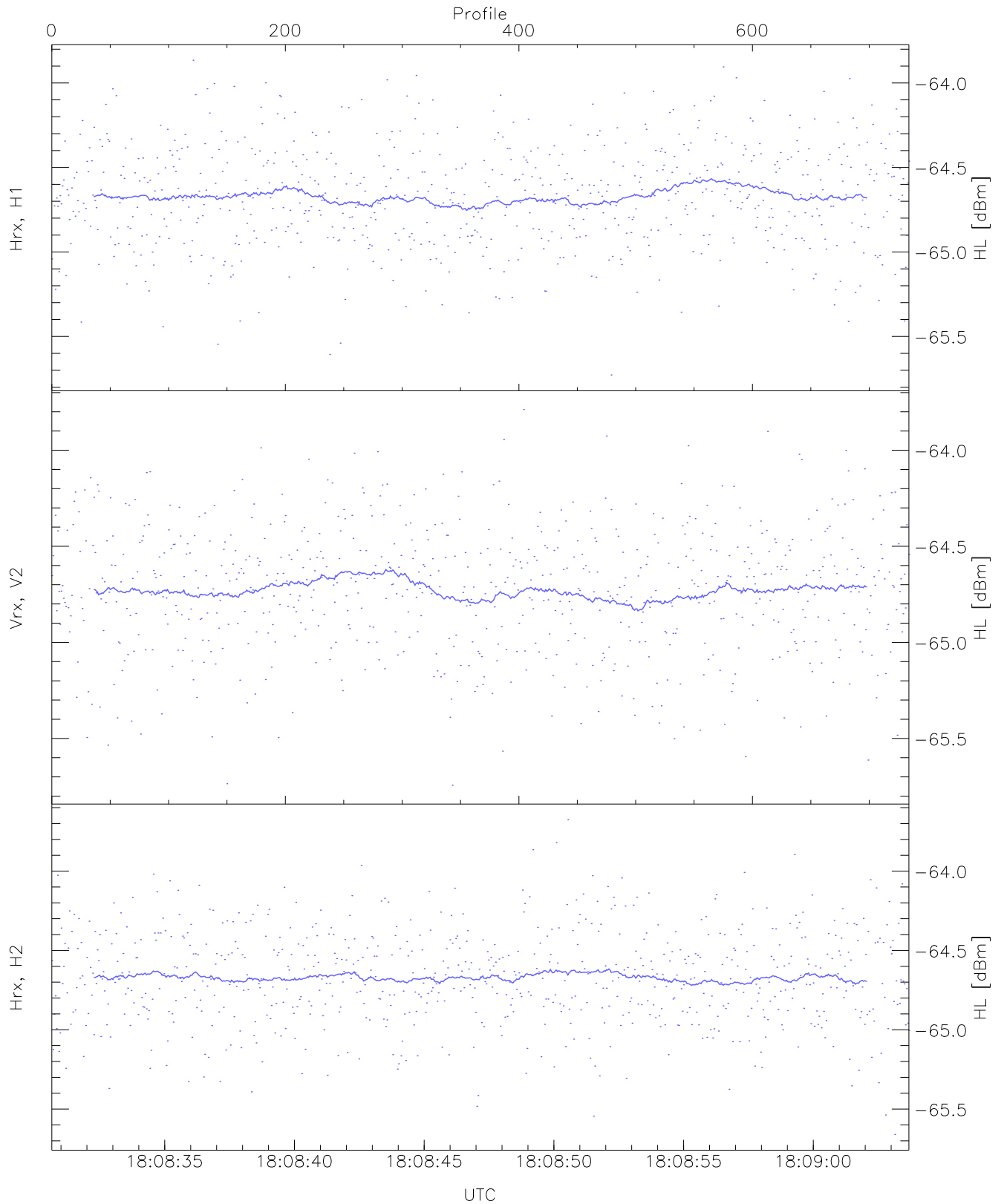
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.40	-65.22	-65.32	-65.33	-86.94
RMPHrxH1 (std_dBm)	-75.93	-74.78	-75.33	-75.34	-89.16
RMPVrxV2 (mean_dBm)	-65.04	-64.84	-64.94	-64.94	-86.34
RMPVrxV2 (std_dBm)	-75.54	-74.47	-74.94	-74.95	-88.76
RMPHrxH2 (mean_dBm)	-64.98	-64.80	-64.89	-64.88	-86.44
RMPHrxH2 (std_dBm)	-75.48	-74.36	-74.90	-74.90	-88.79



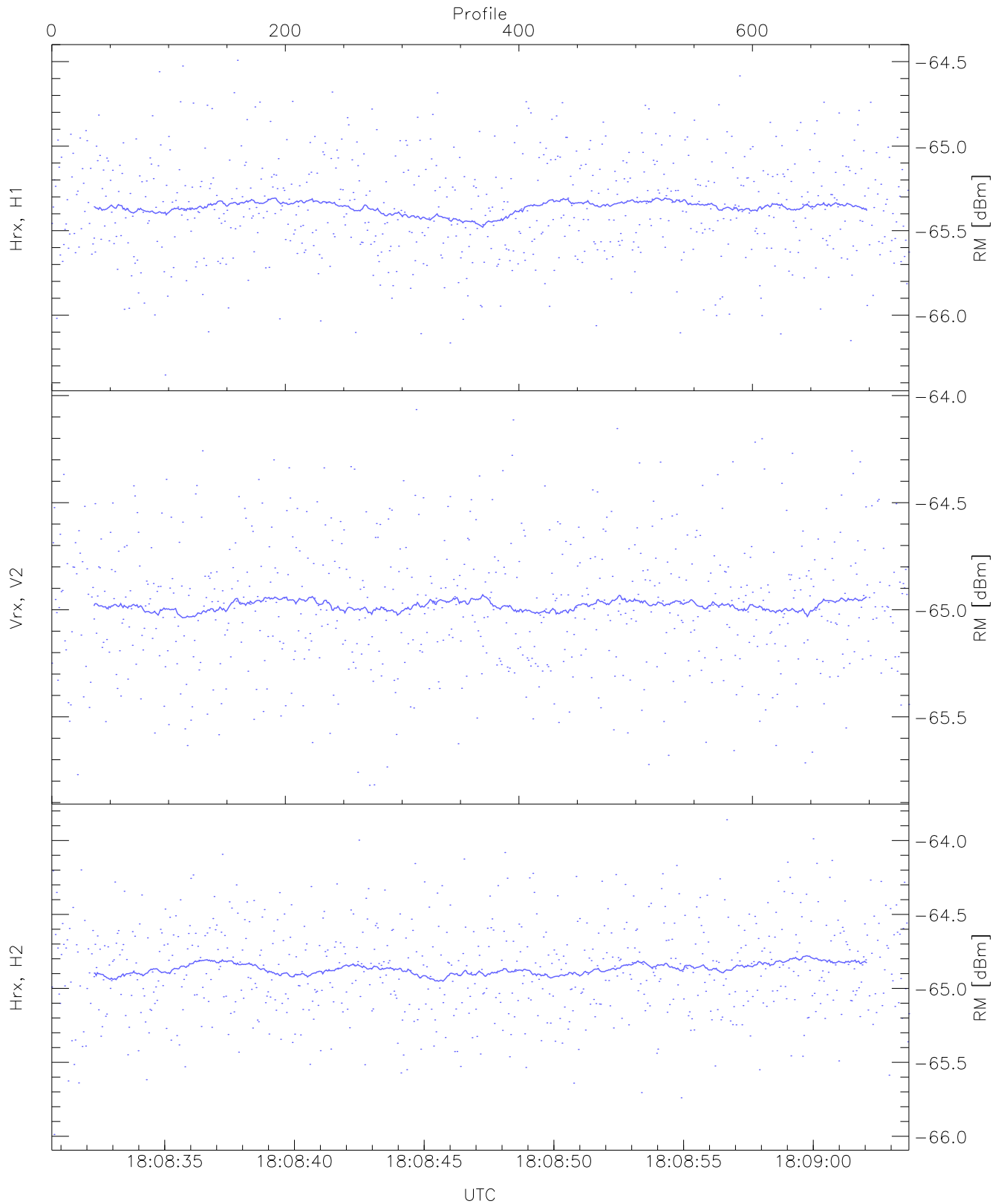
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.91	-63.96	-64.88	-64.90	-76.30
Vrx, V2 (WL [dBm])	-65.82	-63.85	-64.88	-64.91	-76.25
Hrx, H2 (WL [dBm])	-65.95	-63.88	-64.88	-64.90	-76.32



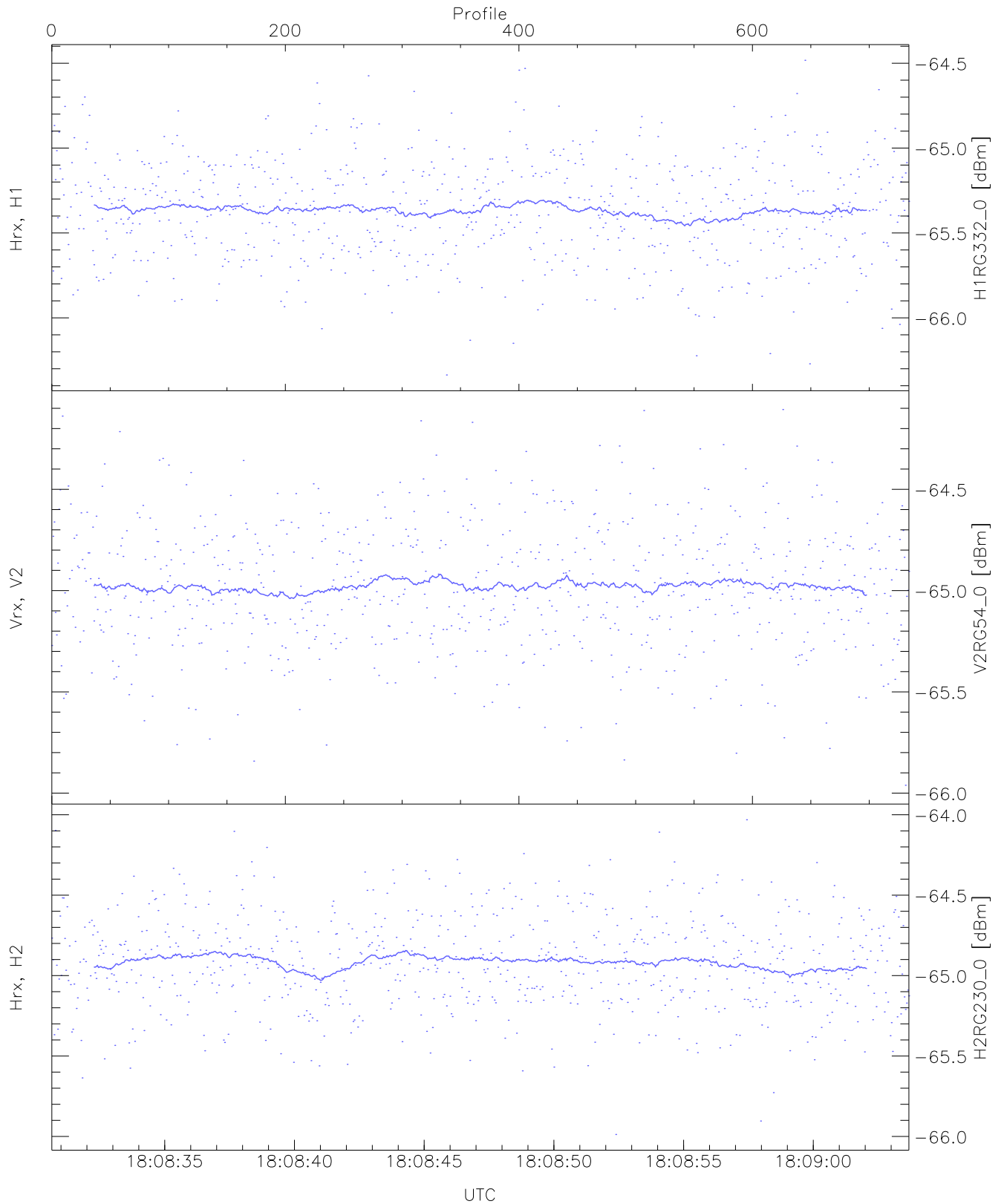
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.73	-63.87	-64.66	-64.67	-76.30
Vrx, V2 (HL [dBm])	-65.74	-63.79	-64.72	-64.71	-76.03
Hrx, H2 (HL [dBm])	-65.66	-63.68	-64.66	-64.68	-76.37



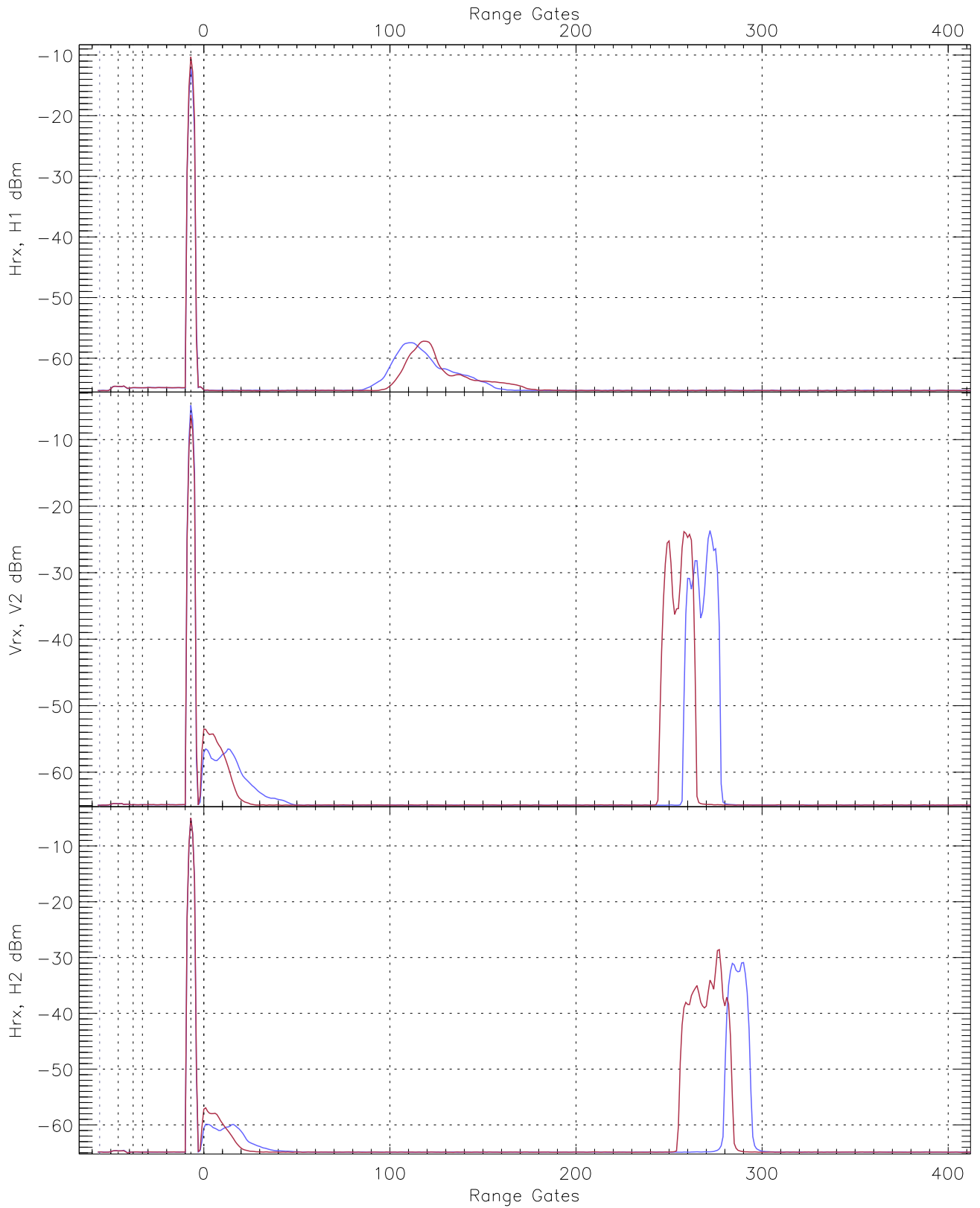
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.35	-64.49	-65.35	-65.37	-76.97
Vrx, V2 (RM [dBm])	-65.82	-64.07	-64.97	-64.98	-76.46
Hrx, H2 (RM [dBm])	-65.99	-63.86	-64.86	-64.87	-76.21

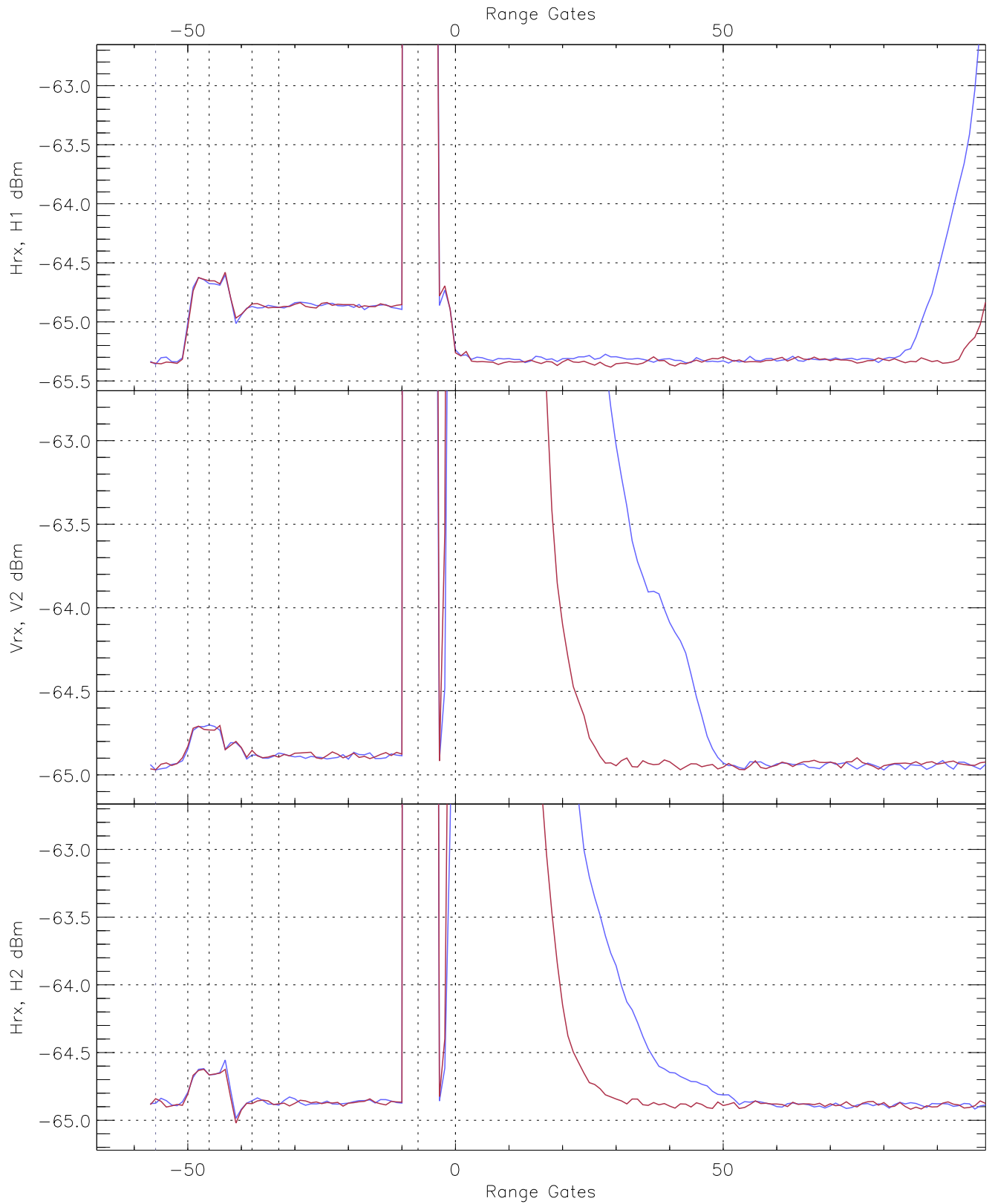


WCR3 CPP "Best" estimate Receivers Noise Power

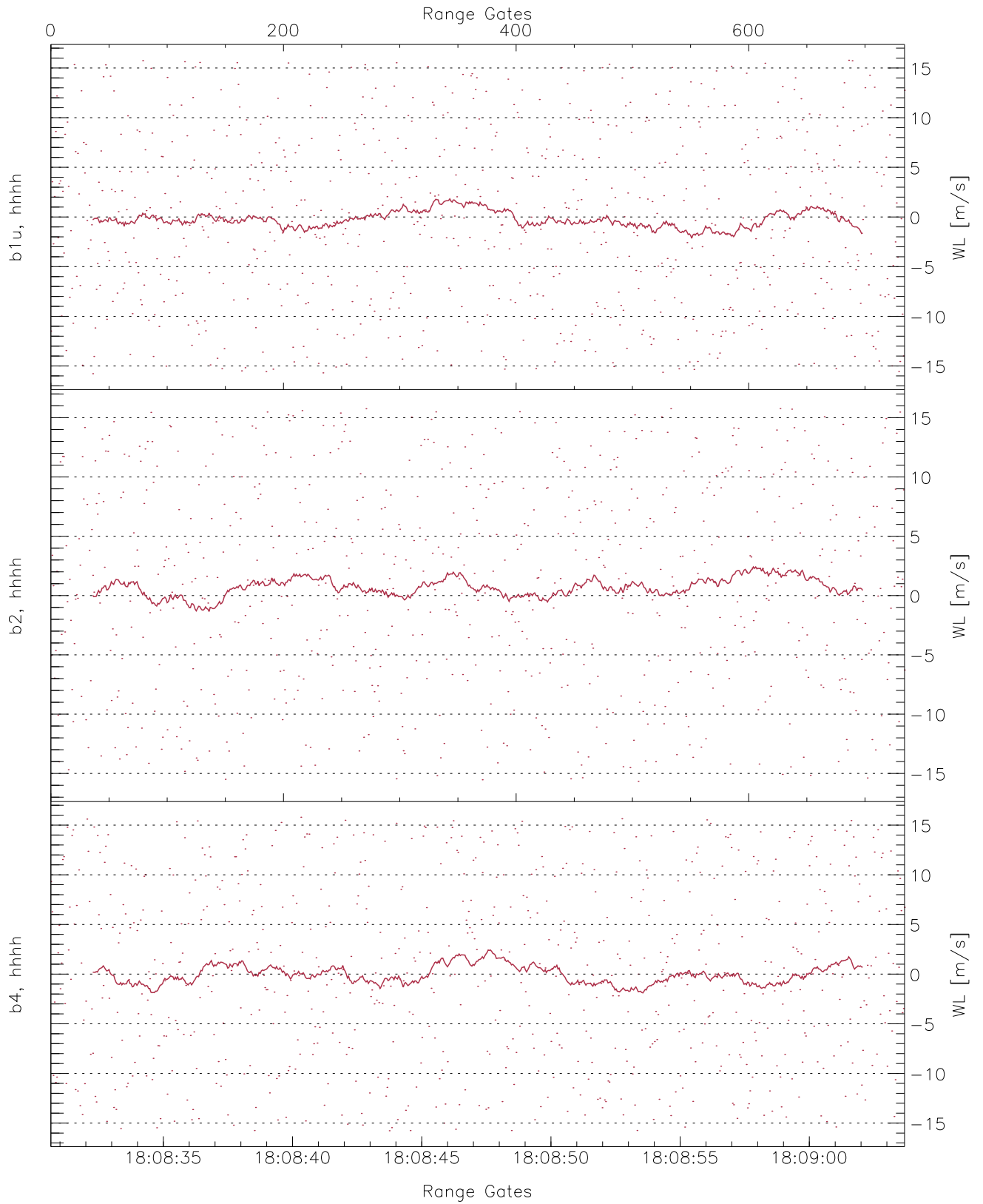
	Min	Max	Mean	Median	StDev
H1RG332_0 [dBm]	-66.34	-64.48	-65.35	-65.36	-77.05
V2RG54_0 [dBm]	-65.96	-64.11	-64.97	-65.00	-76.49
H2RG230_0 [dBm]	-65.99	-64.03	-64.91	-64.93	-76.69



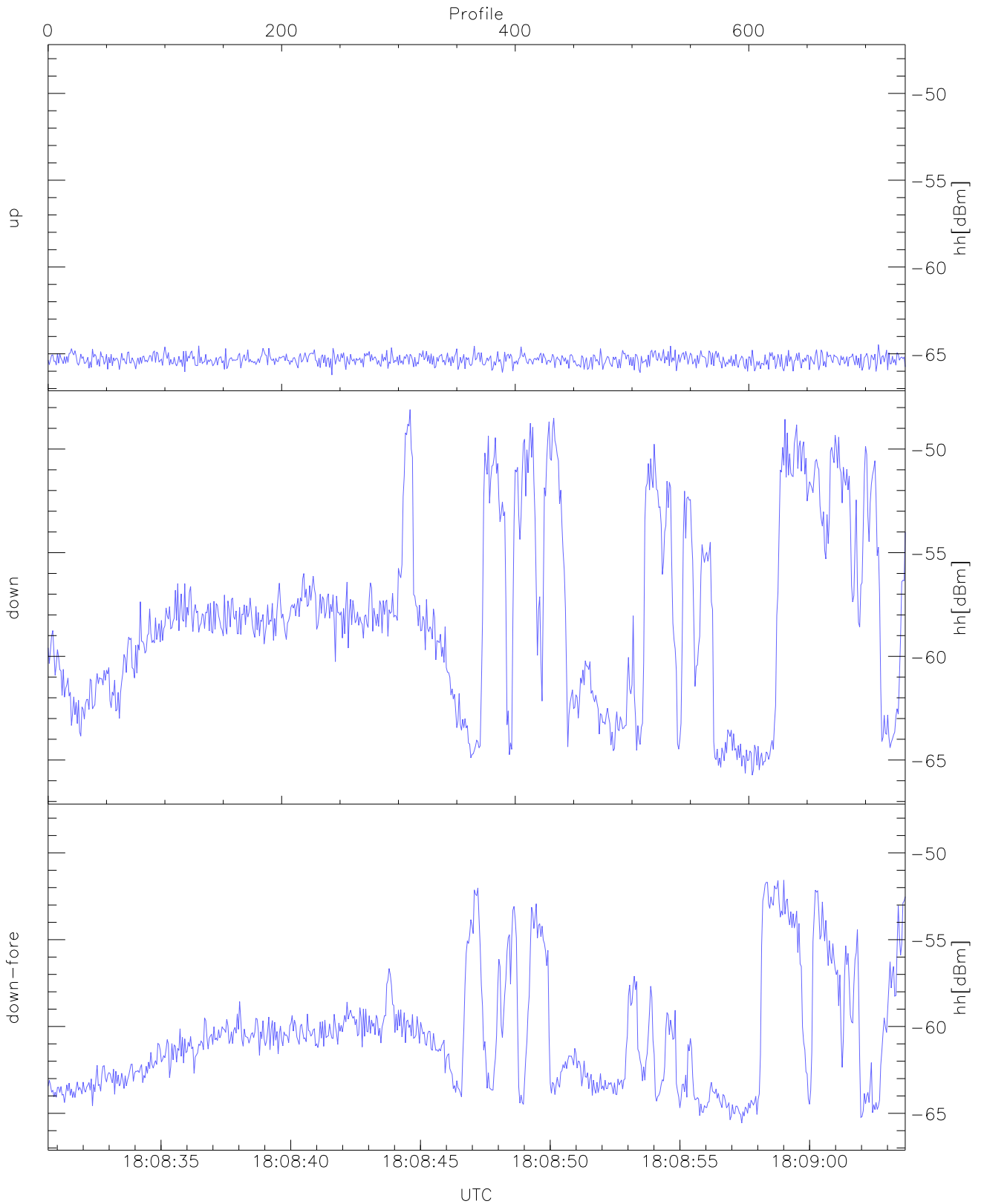
WCR3 CPP Averaged Received power for all recorded gates
blue: 180831-180847, 368 profiles averaged
red: 180847-180904, 368 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 180831-180847, 368 profiles averaged
red: 180847-180904, 368 profiles averaged

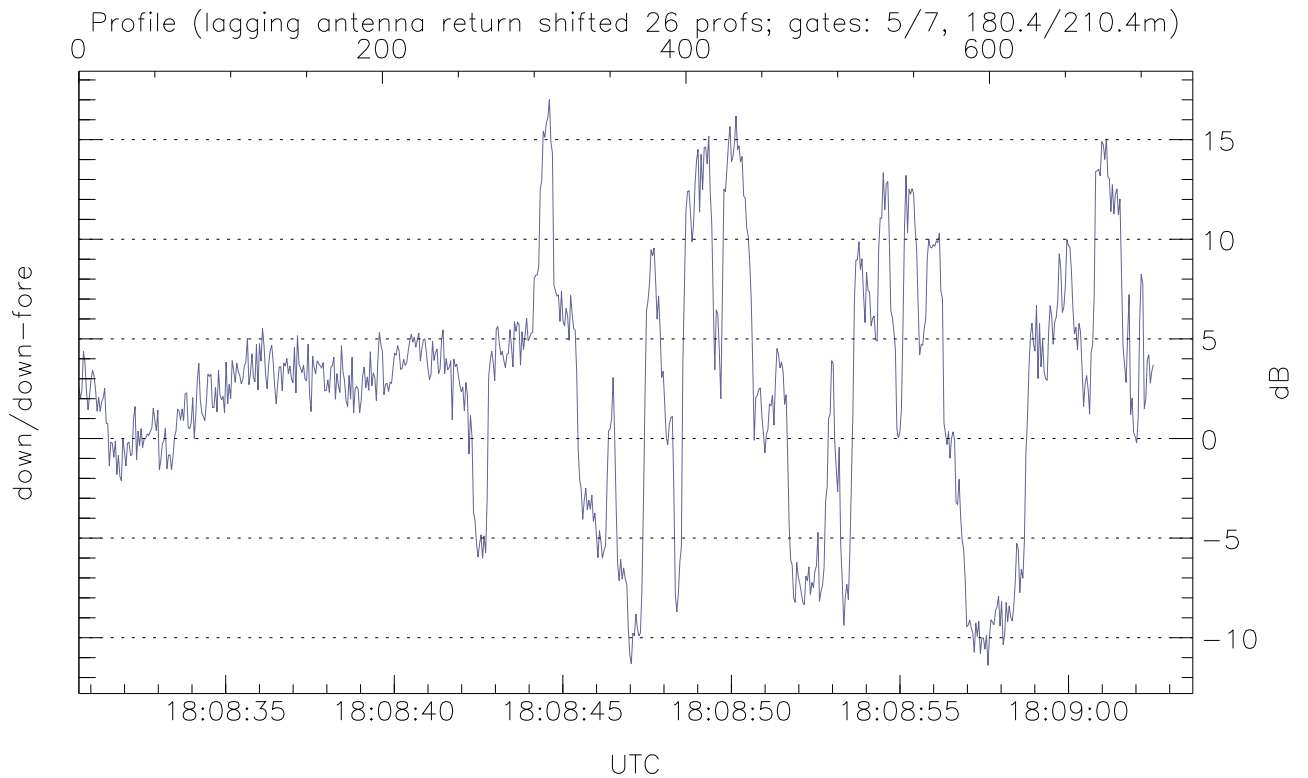
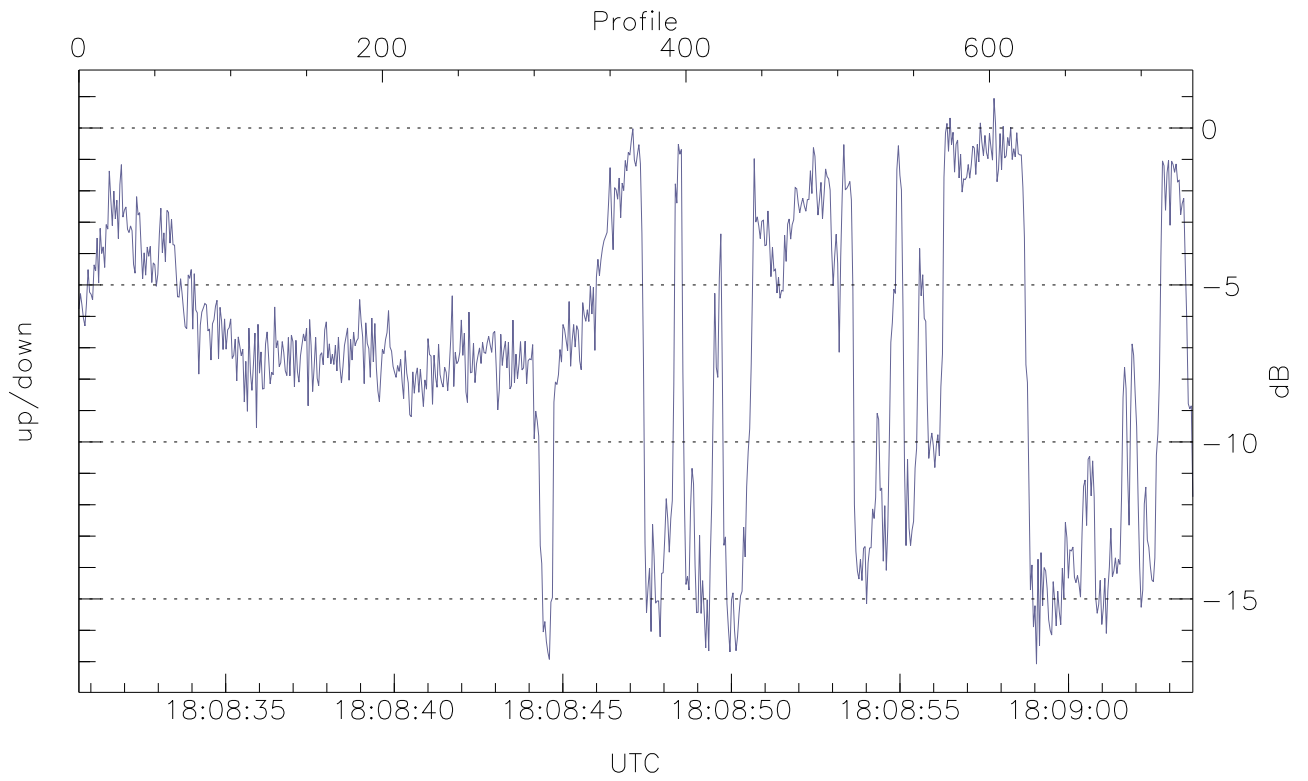


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



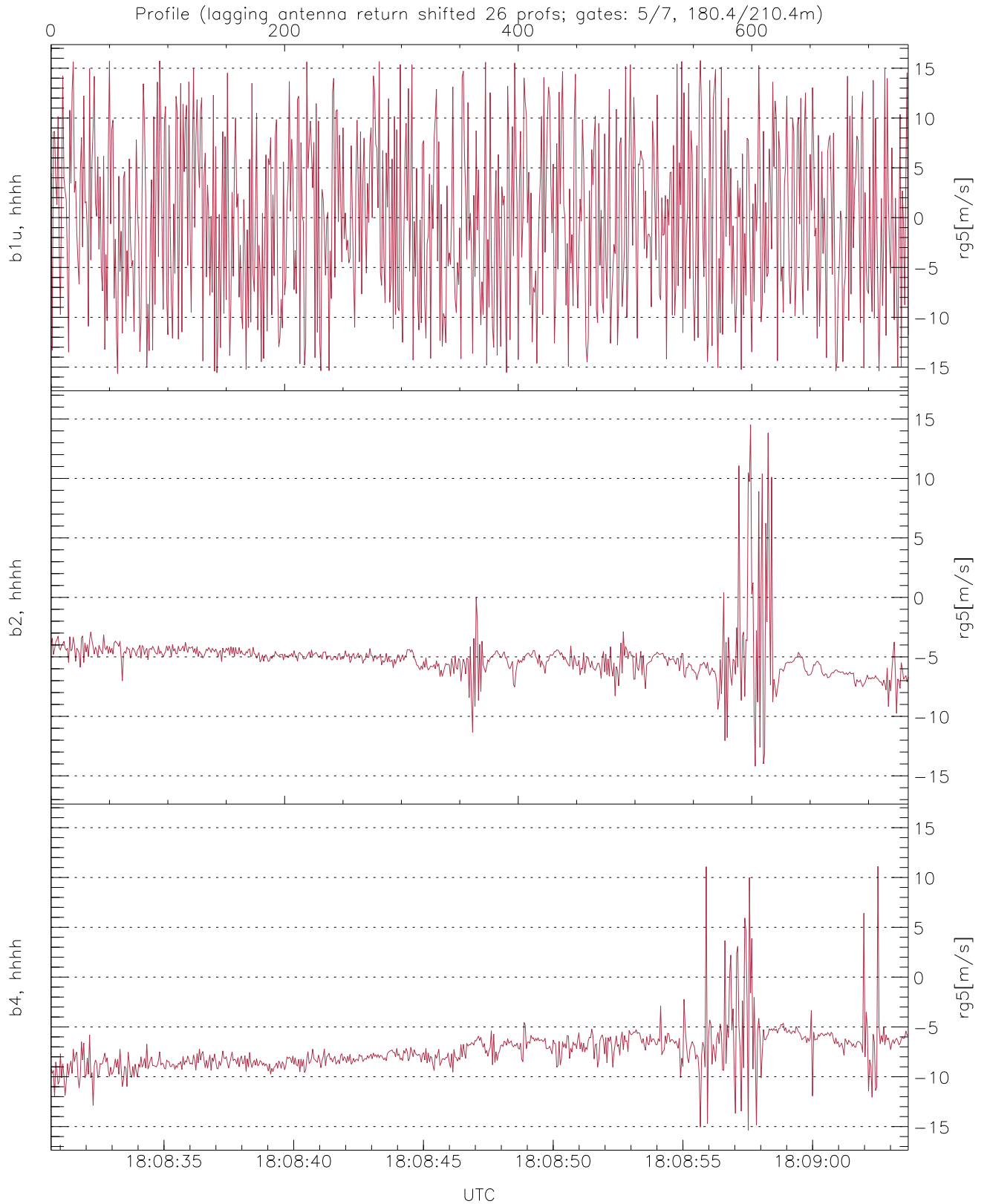
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.22	-64.47	-65.32
down(hh[dBm])	-65.73	-48.09	-55.74
down-fore(hh[dBm])	-65.56	-51.57	-59.07



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

	Min	Max	Mean
up/down (dB)	-17.08	0.95	-7.23
down/down-fore (dB)	-11.38	17.02	2.56



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.65	15.77	-0.20	8.52
b2, hhhh(rg5[m/s])	-14.20	14.50	-5.13	2.25
b4, hhhh(rg5[m/s])	-15.39	11.12	-7.36	2.33