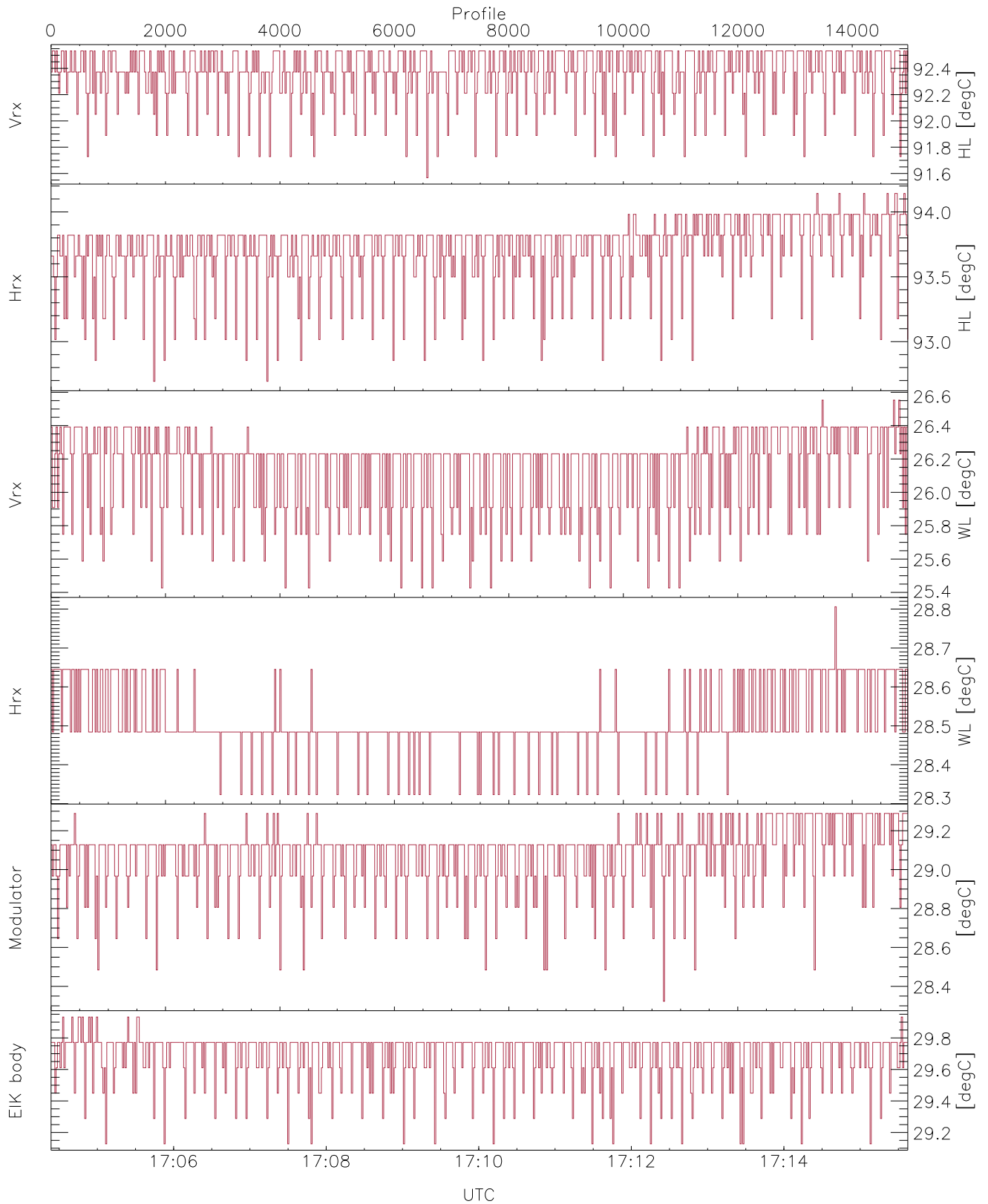


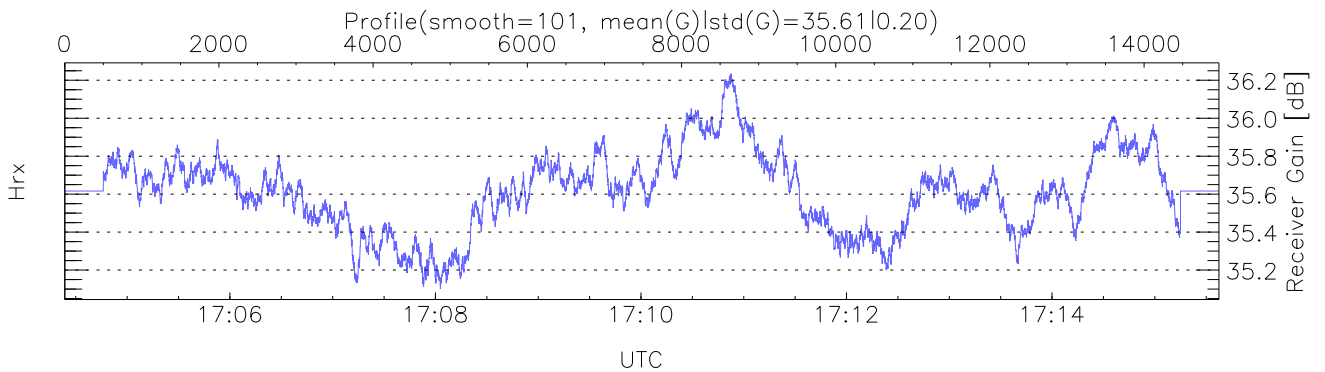
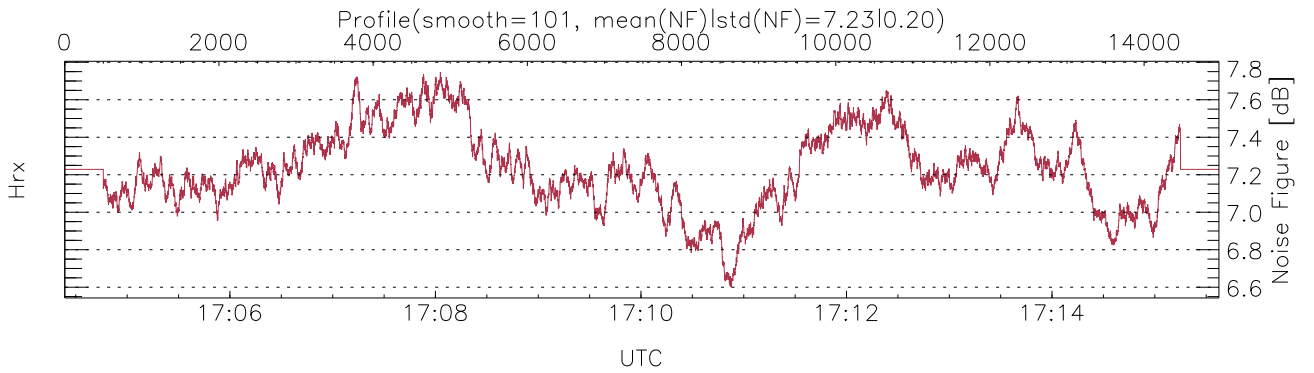
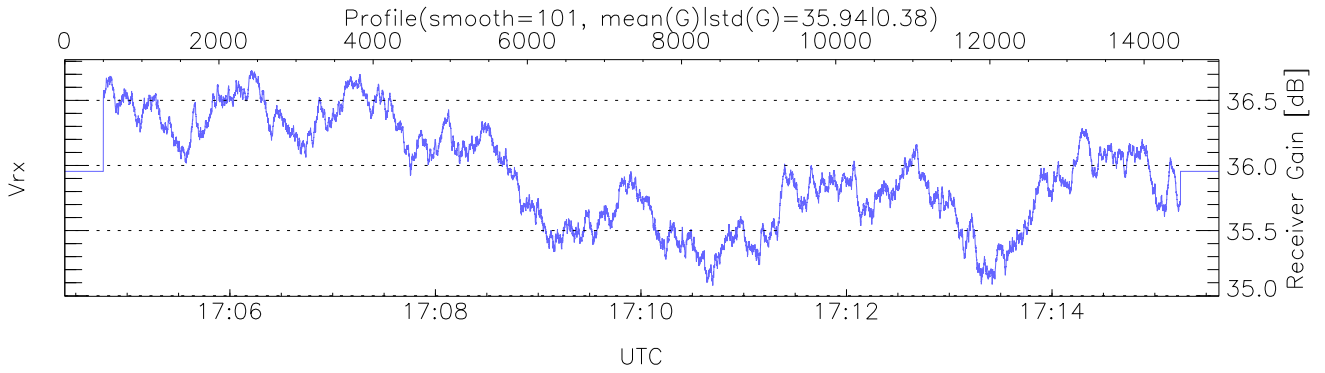
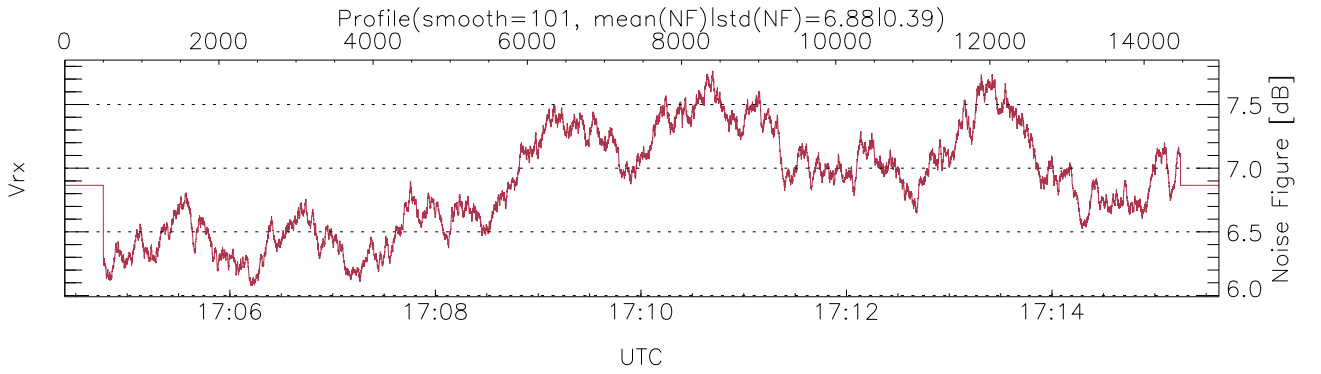
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:04:24-17:15:37, TimeCor: 0.00s, Dur: 673.86s
 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): 14972/14972, 0-14971/17:04:24-17:15:37
 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



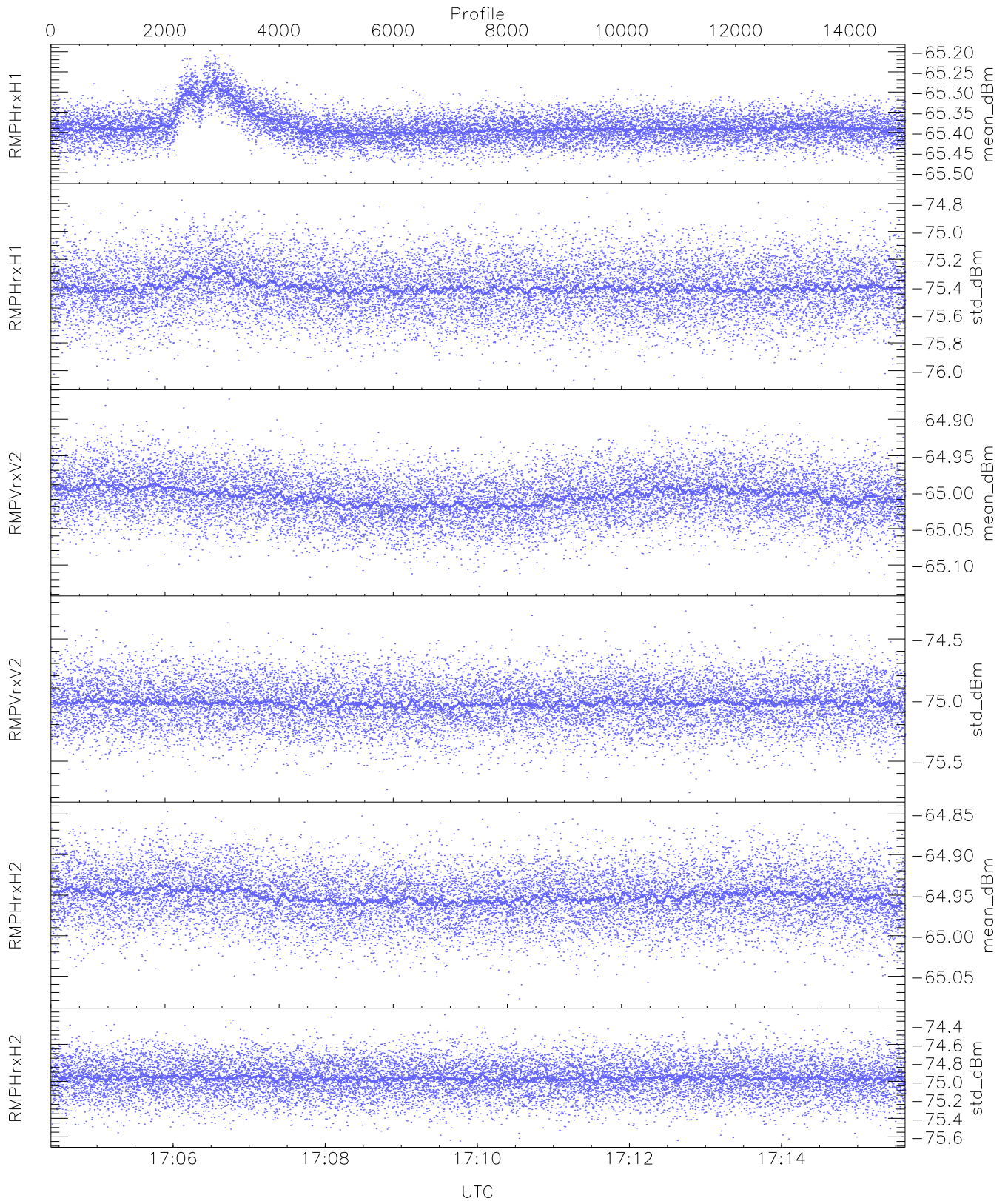
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,28,28,29`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,26,28,29,29`
`LOalarm(20,240,2817,14861 MHz): 0,0,44,0`
`EIK/Modulator Faults: None`



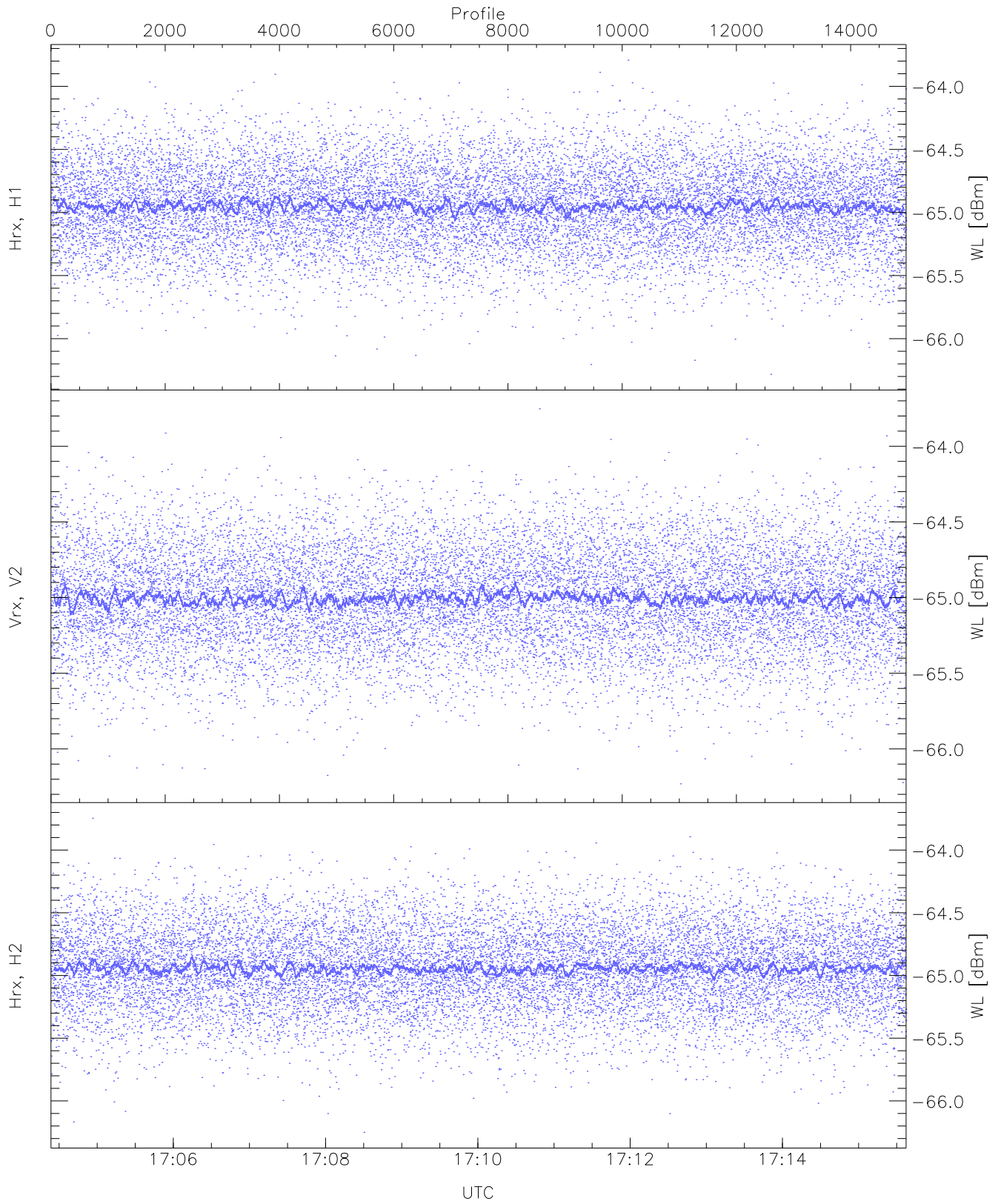
WCR3 CPP Receivers Gain and Noise Figure

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



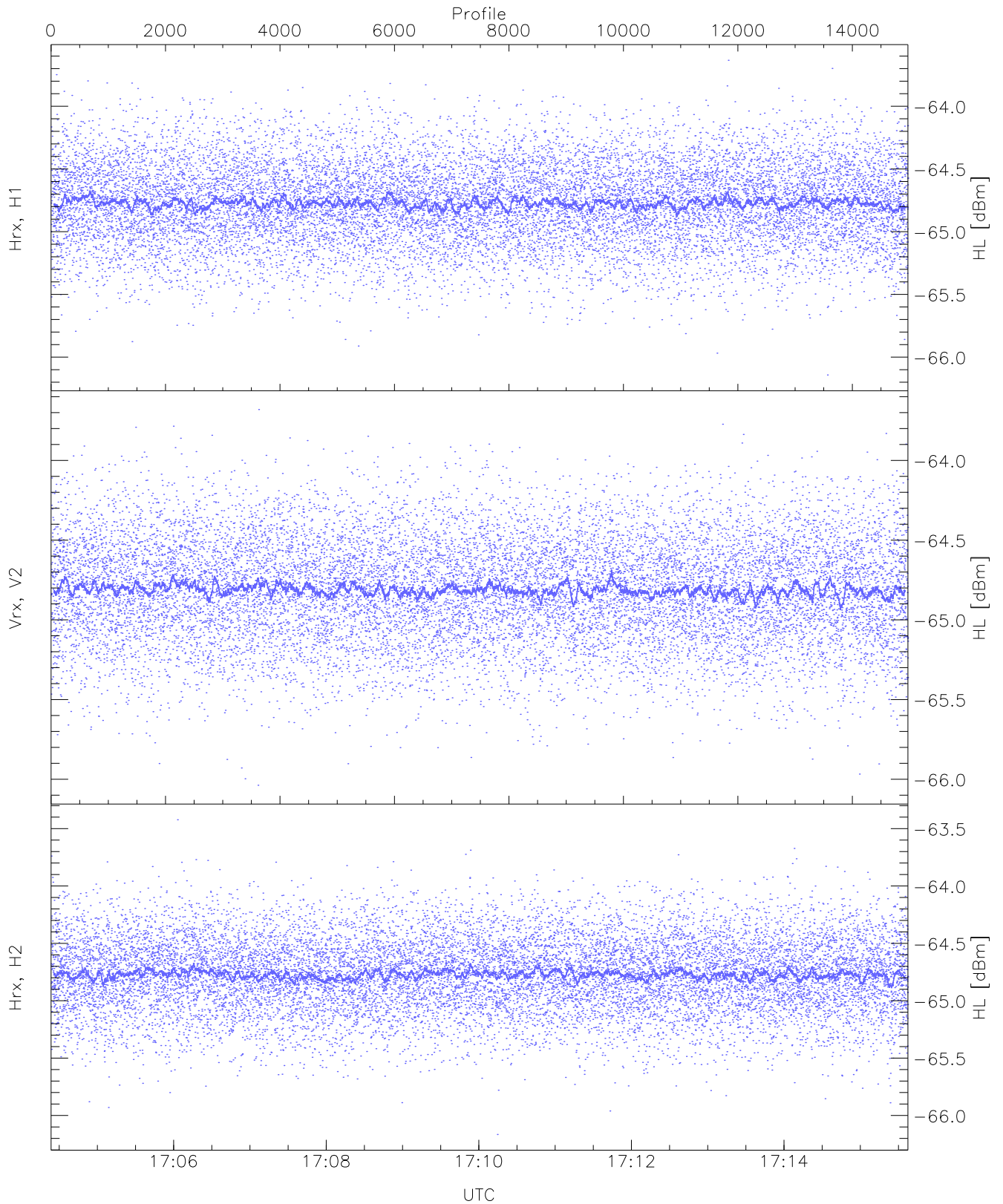
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.51	-65.20	-65.38	-65.39	-85.78
RMPHrxH1(std_dBm)	-76.07	-74.72	-75.40	-75.40	-89.14
RMPVrxV2(mean_dBm)	-65.13	-64.87	-65.01	-65.01	-86.43
RMPVrxV2(std_dBm)	-75.76	-74.22	-75.02	-75.02	-88.80
RMPHrxH2(mean_dBm)	-65.08	-64.85	-64.95	-64.95	-86.49
RMPHrxH2(std_dBm)	-75.65	-74.28	-74.96	-74.97	-88.71



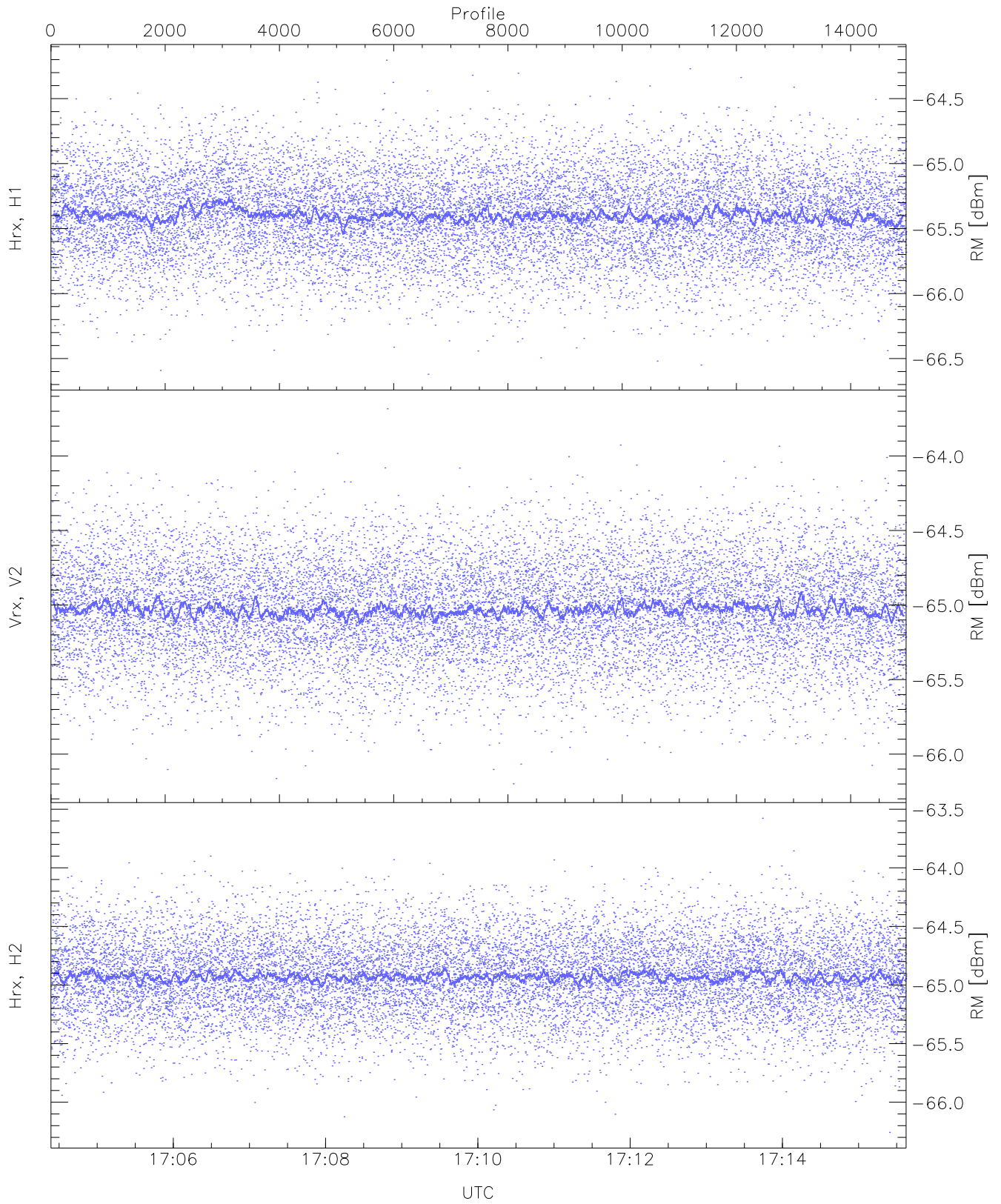
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.28	-63.79	-64.94	-64.95	-76.44
Vrx, V2 (WL [dBm])	-66.23	-63.75	-65.00	-65.00	-76.50
Hrx, H2 (WL [dBm])	-66.25	-63.75	-64.94	-64.94	-76.45



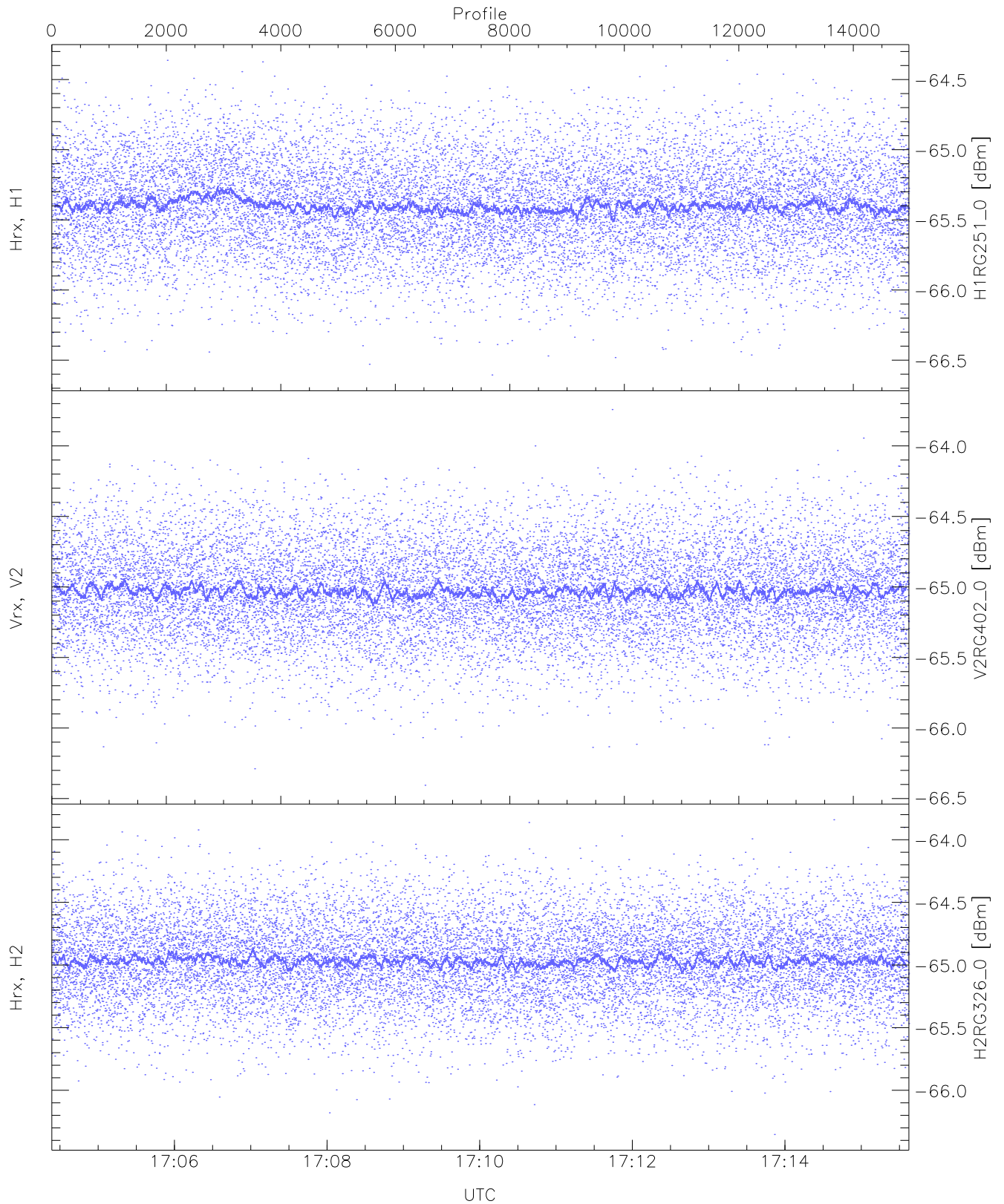
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.14	-63.63	-64.77	-64.77	-76.26
Vrx, V2 (HL [dBm])	-66.04	-63.68	-64.80	-64.81	-76.29
Hrx, H2 (HL [dBm])	-66.17	-63.42	-64.76	-64.77	-76.27



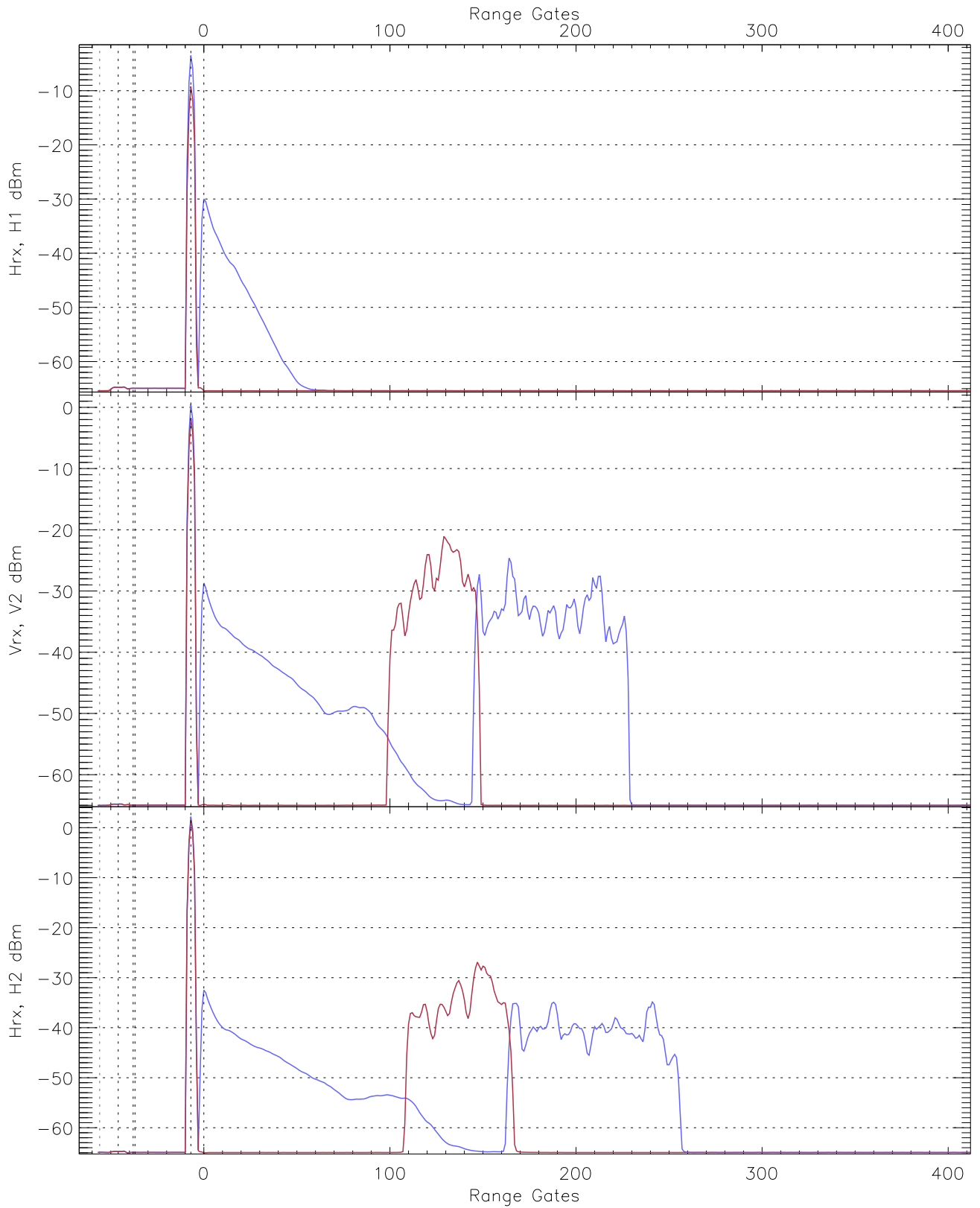
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.62	-64.20	-65.39	-65.40	-76.90
Vrx, V2 (RM [dBm])	-66.20	-63.68	-65.02	-65.03	-76.57
Hrx, H2 (RM [dBm])	-66.26	-63.58	-64.92	-64.93	-76.42

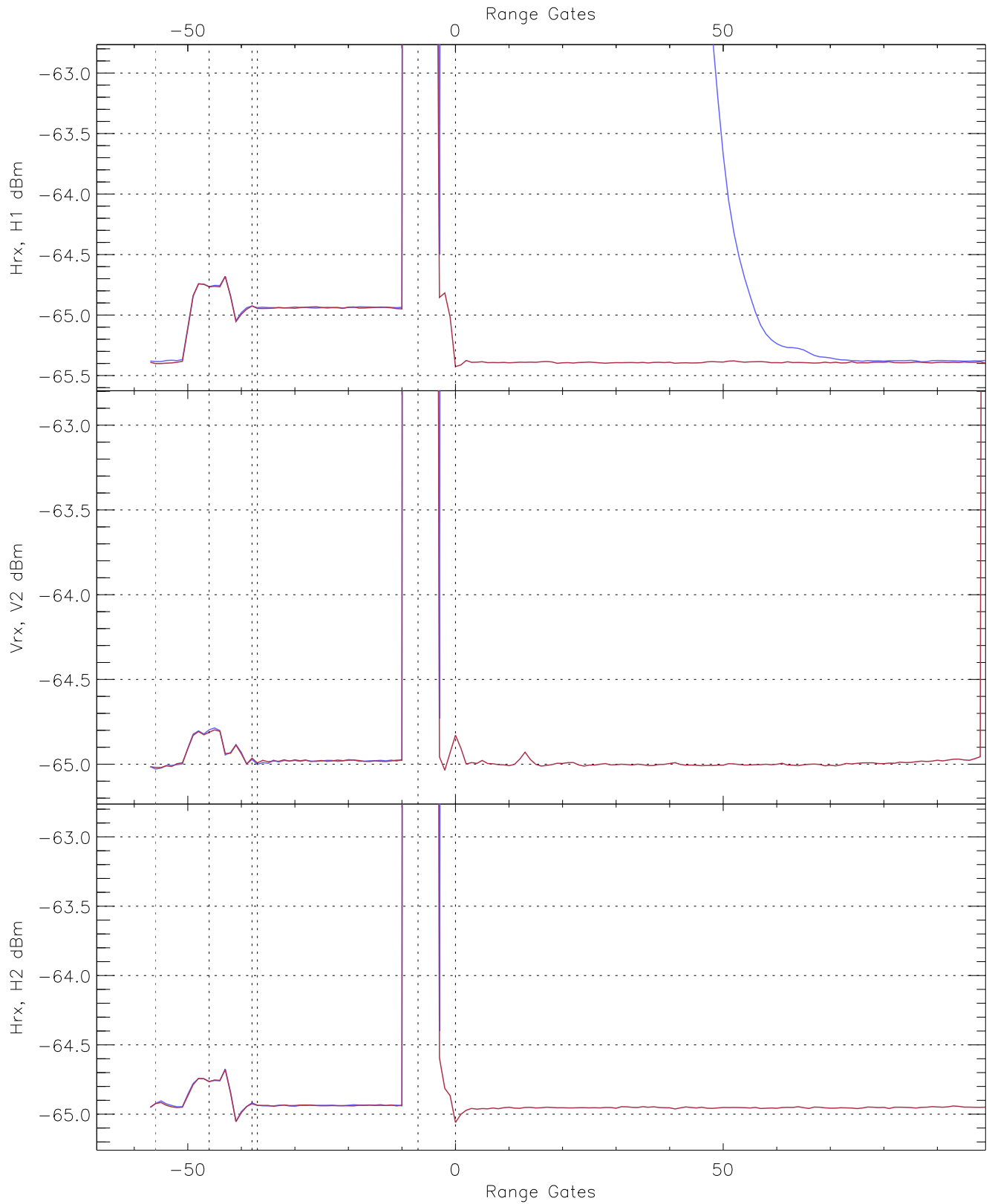


WCR3 CPP "Best" estimate Receivers Noise Power

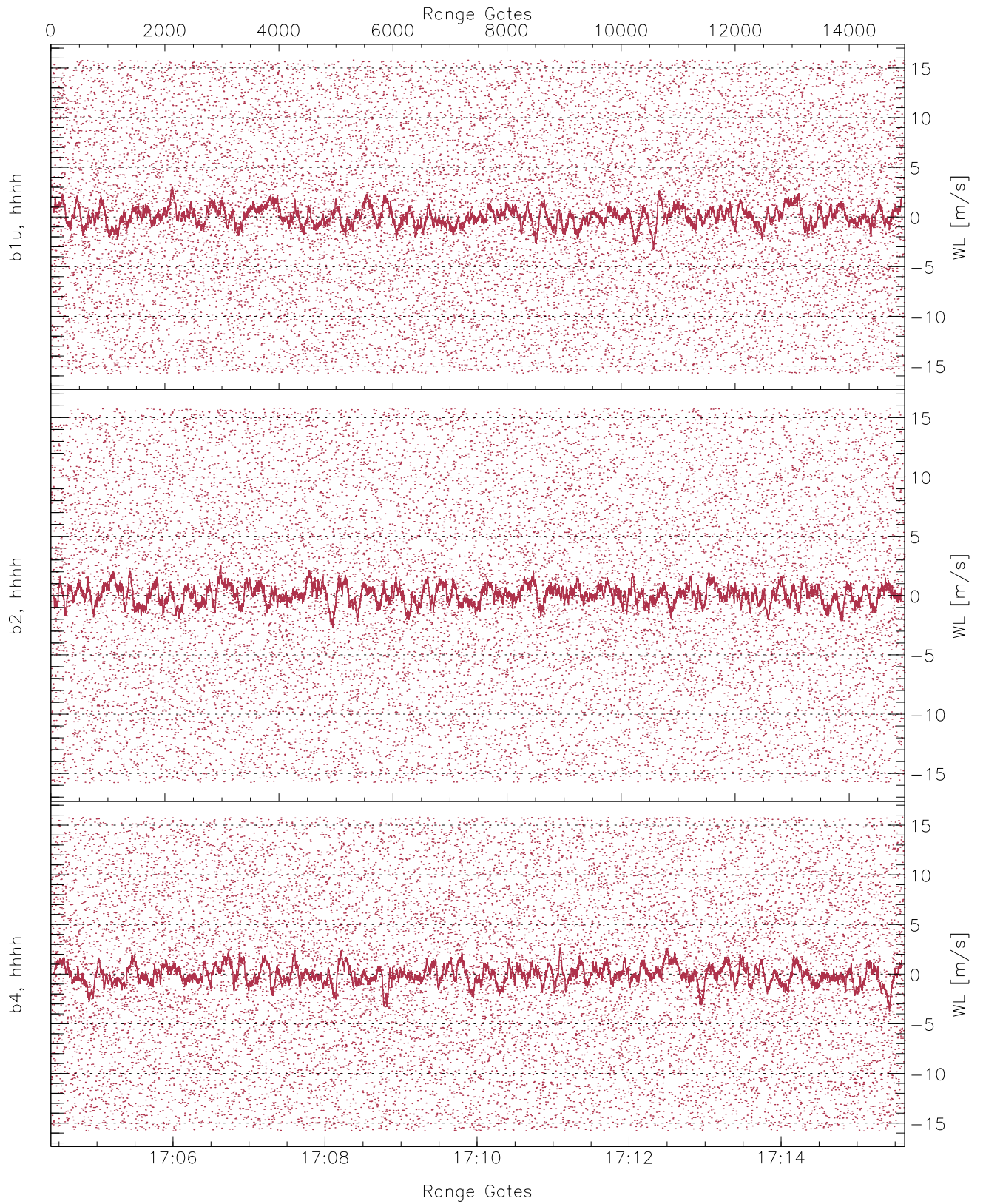
	Min	Max	Mean	Median	StDev
H1RG251_0 [dBm]	-66.61	-64.36	-65.39	-65.40	-76.85
V2RG402_0 [dBm]	-66.41	-63.74	-65.02	-65.04	-76.54
H2RG326_0 [dBm]	-66.35	-63.84	-64.96	-64.97	-76.46



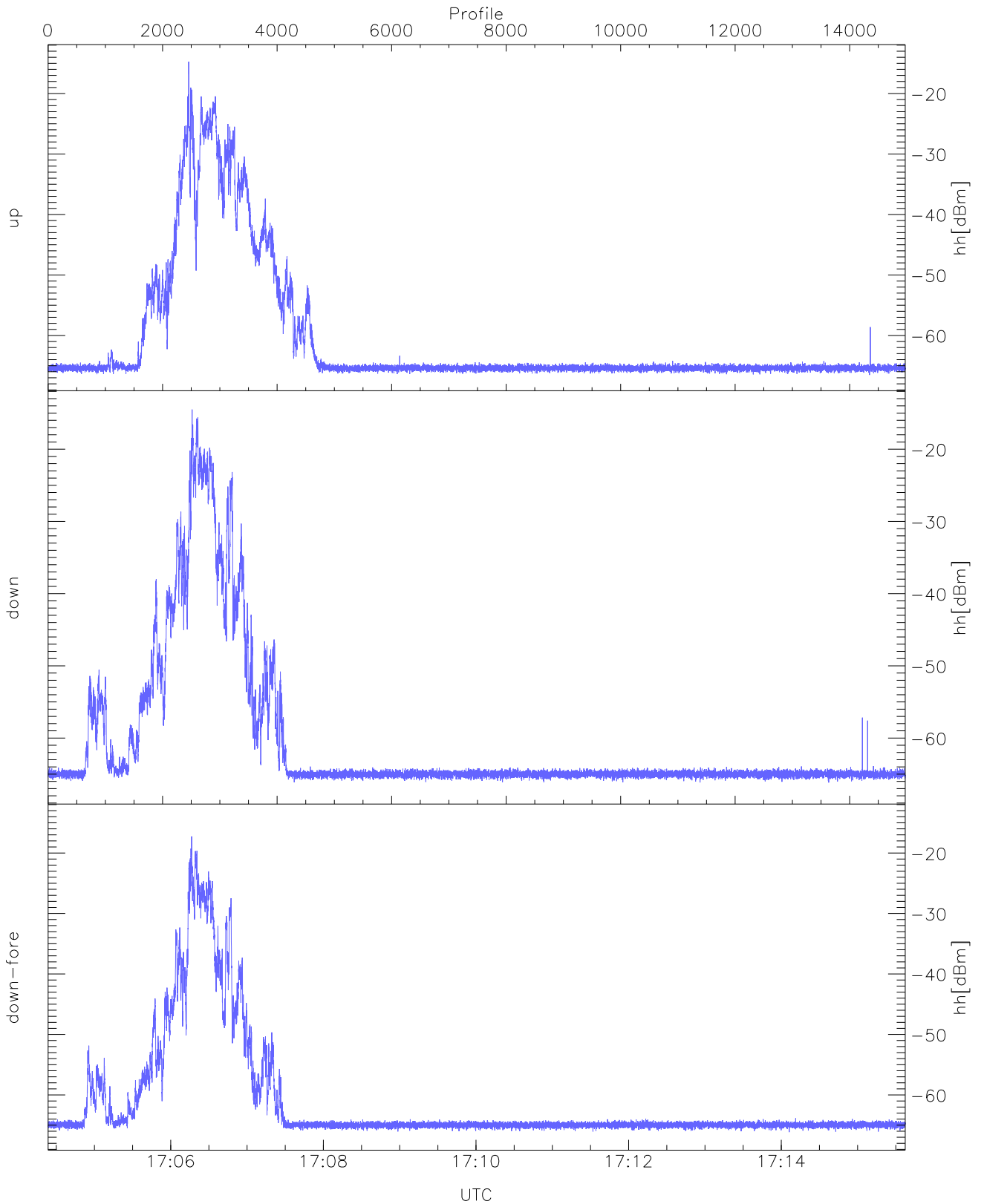
WCR3 CPP Averaged Received power for all recorded gates
blue: 170424-171001, 7487 profiles averaged
red: 171001-171537, 7486 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 170424-171001, 7487 profiles averaged
red: 171001-171537, 7486 profiles averaged

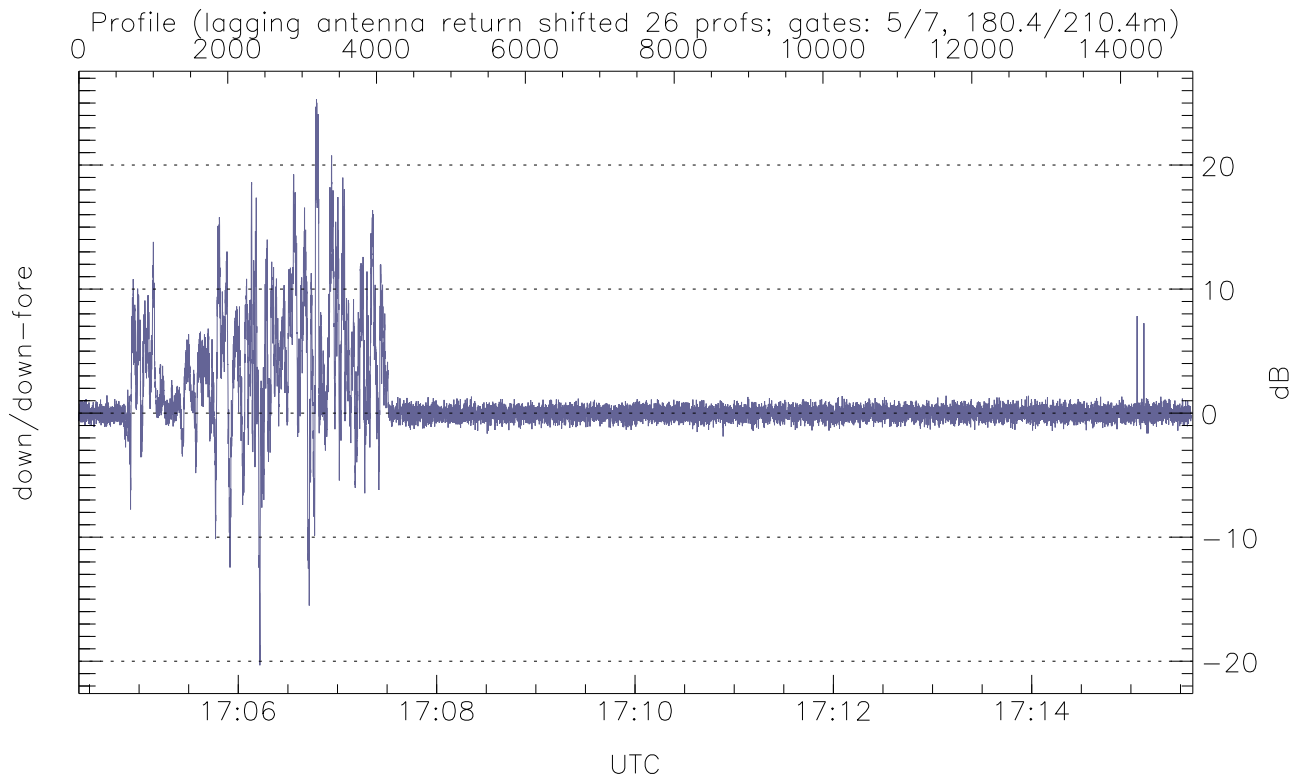
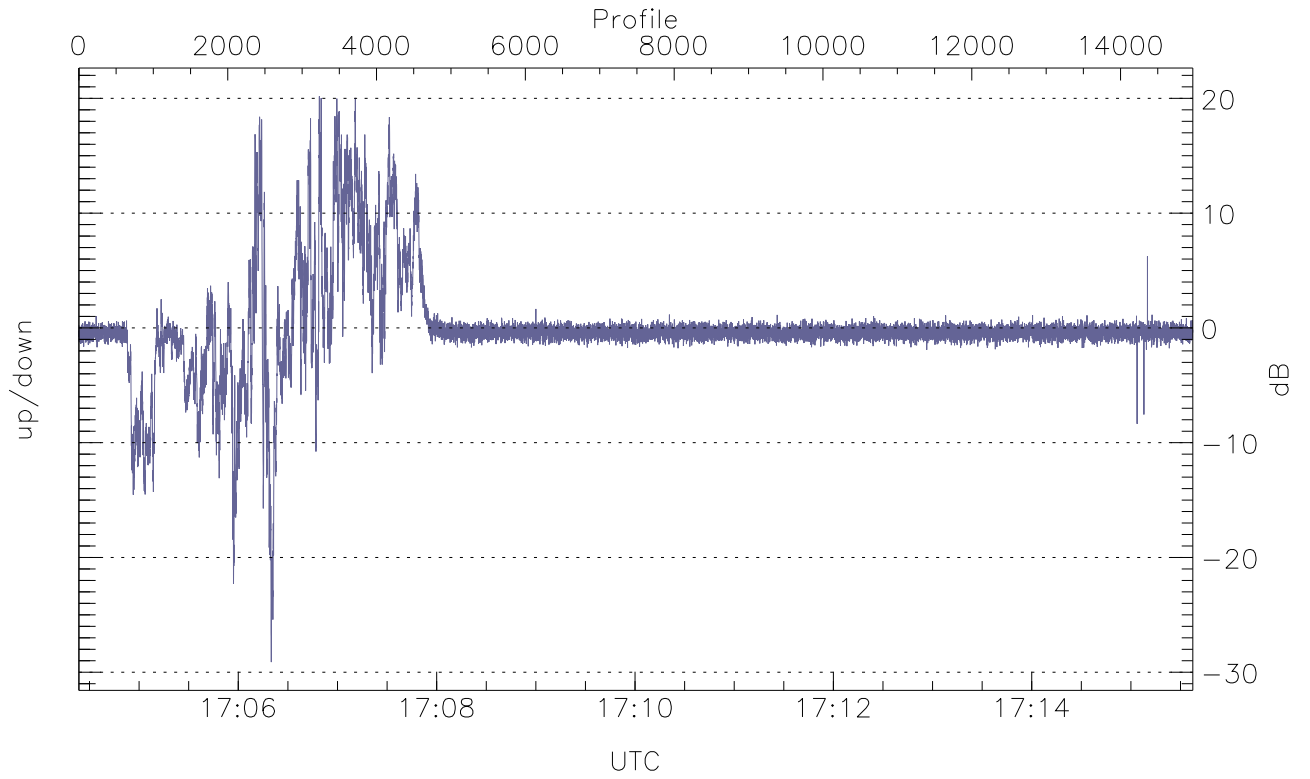


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



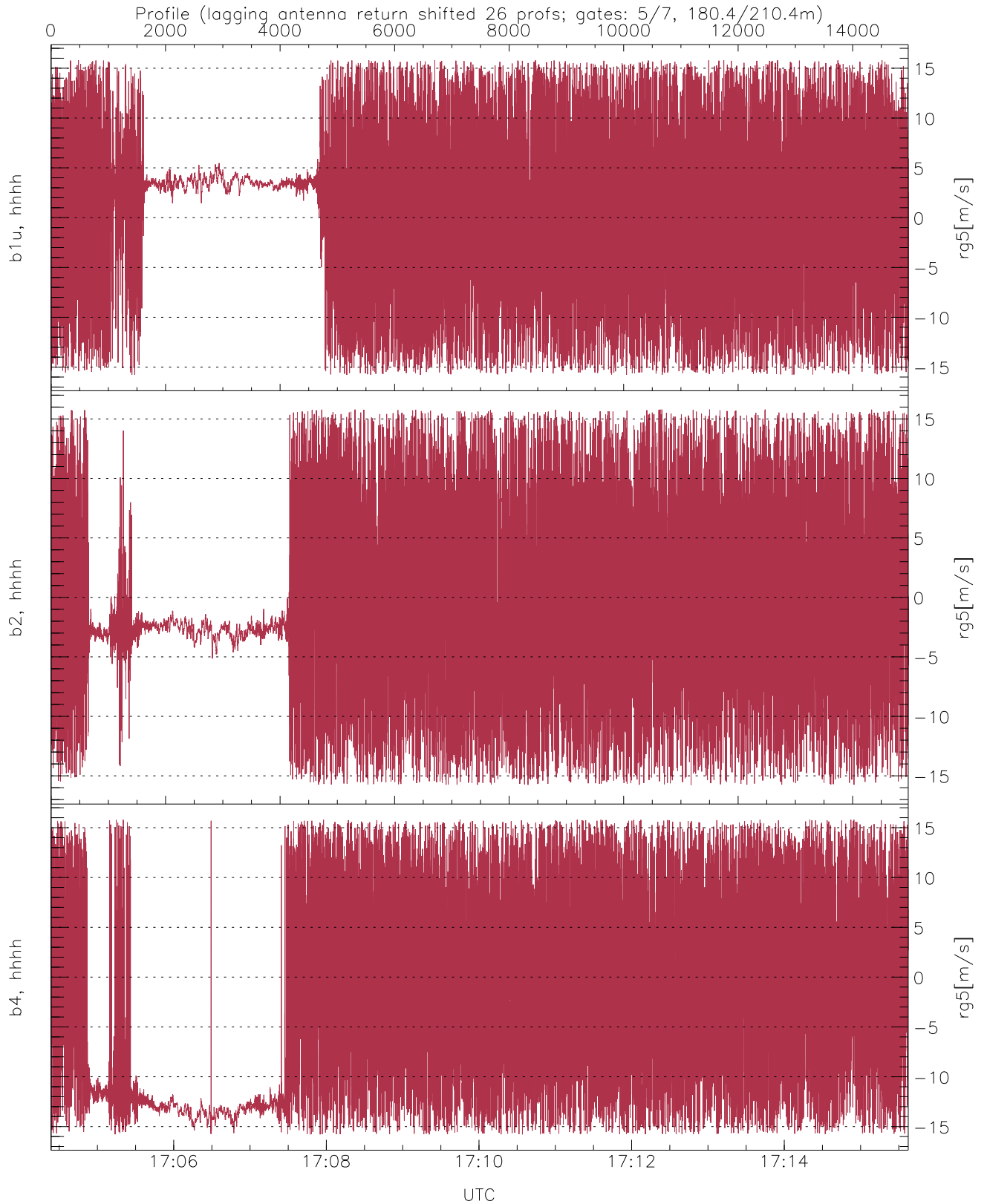
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.54	-14.74	-38.33
down(hh[dBm])	-66.16	-14.50	-36.48
down-fore(hh[dBm])	-66.15	-17.25	-40.01



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

	Min	Max	Mean
up/down (dB)	-29.11	20.18	-0.05
down/down-fore (dB)	-20.33	25.29	0.93



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.77	7.75
b2, hhhh(rg5[m/s])	-15.76	15.79	-0.58	7.36
b4, hhhh(rg5[m/s])	-15.78	15.79	-2.95	9.46