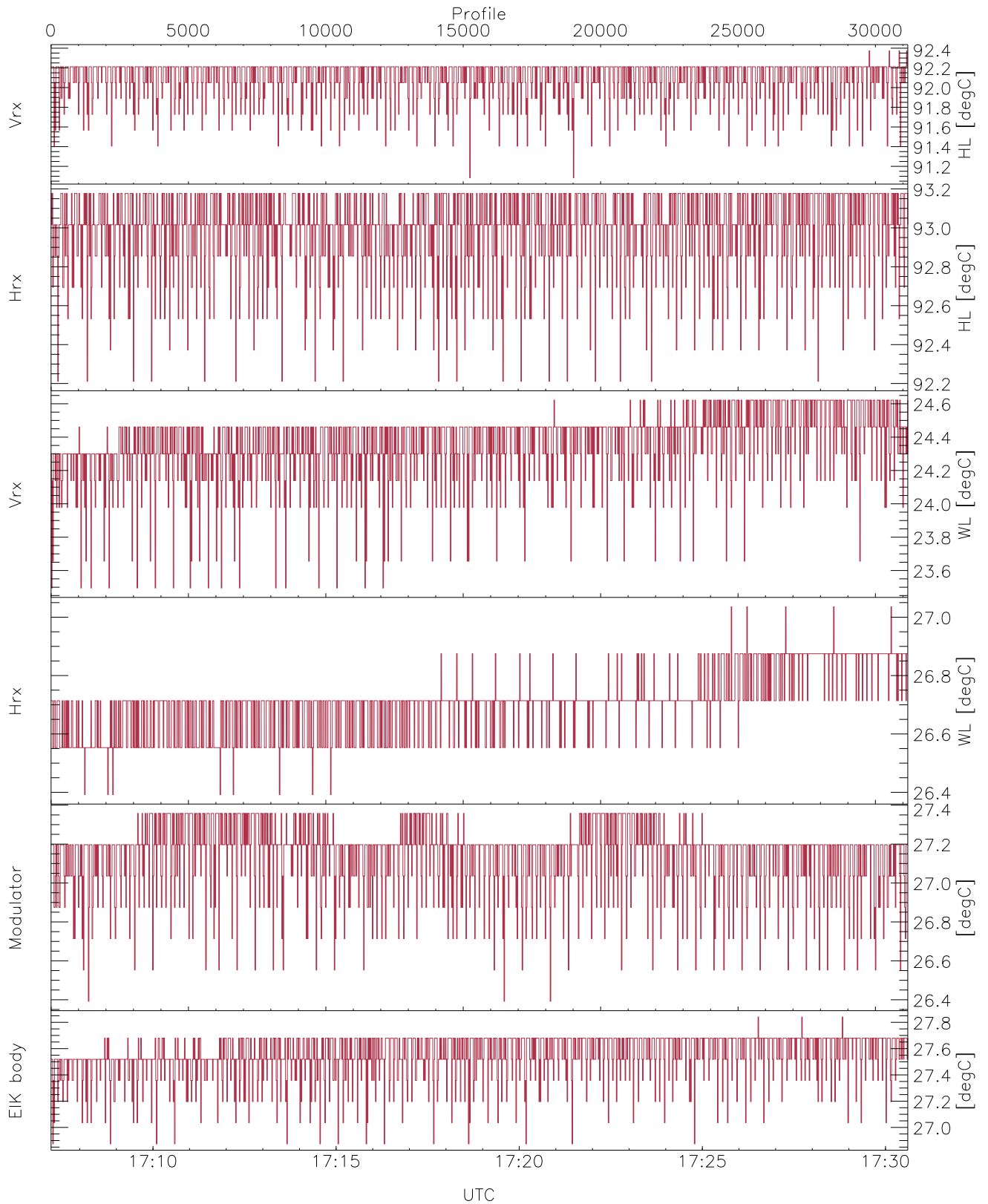


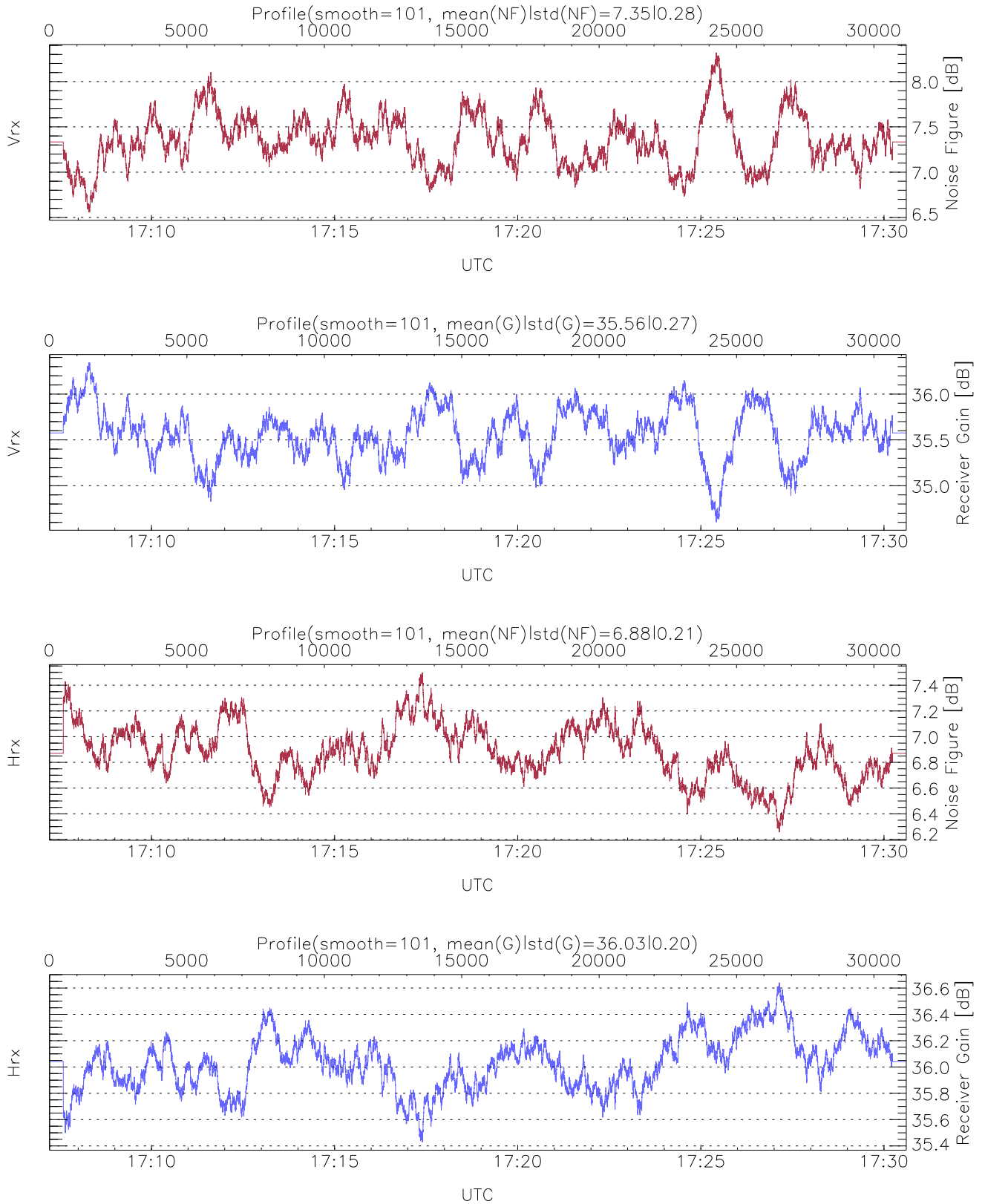
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:07:13-17:30:36, TimeCor: 0.00s, Dur: 1403.41s
 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): 31180/31180, 0-31179/17:07:13-17:30:36
 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



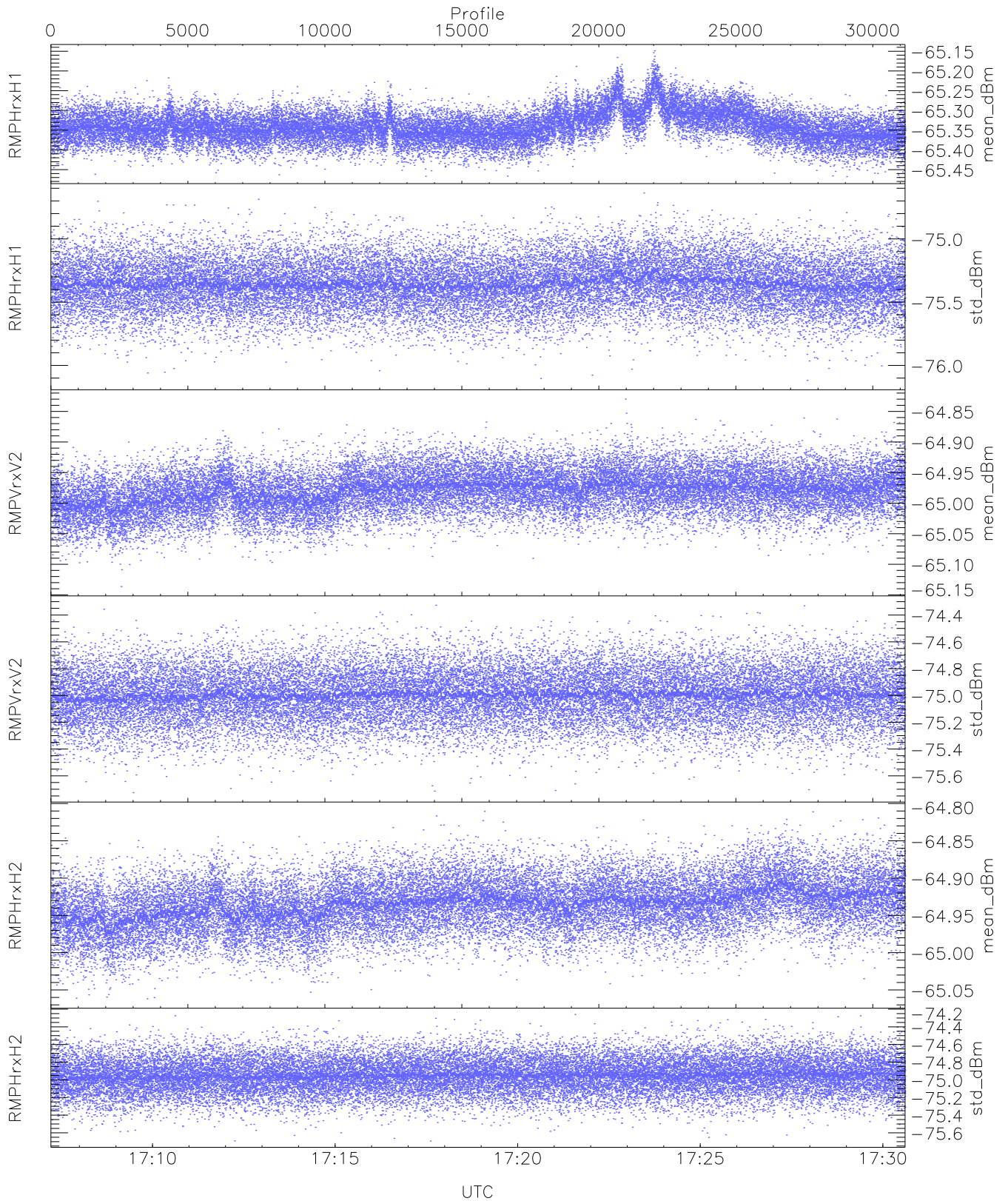
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,26,26`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,27,27,27`
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`
`EIK/Modulator Faults: None`



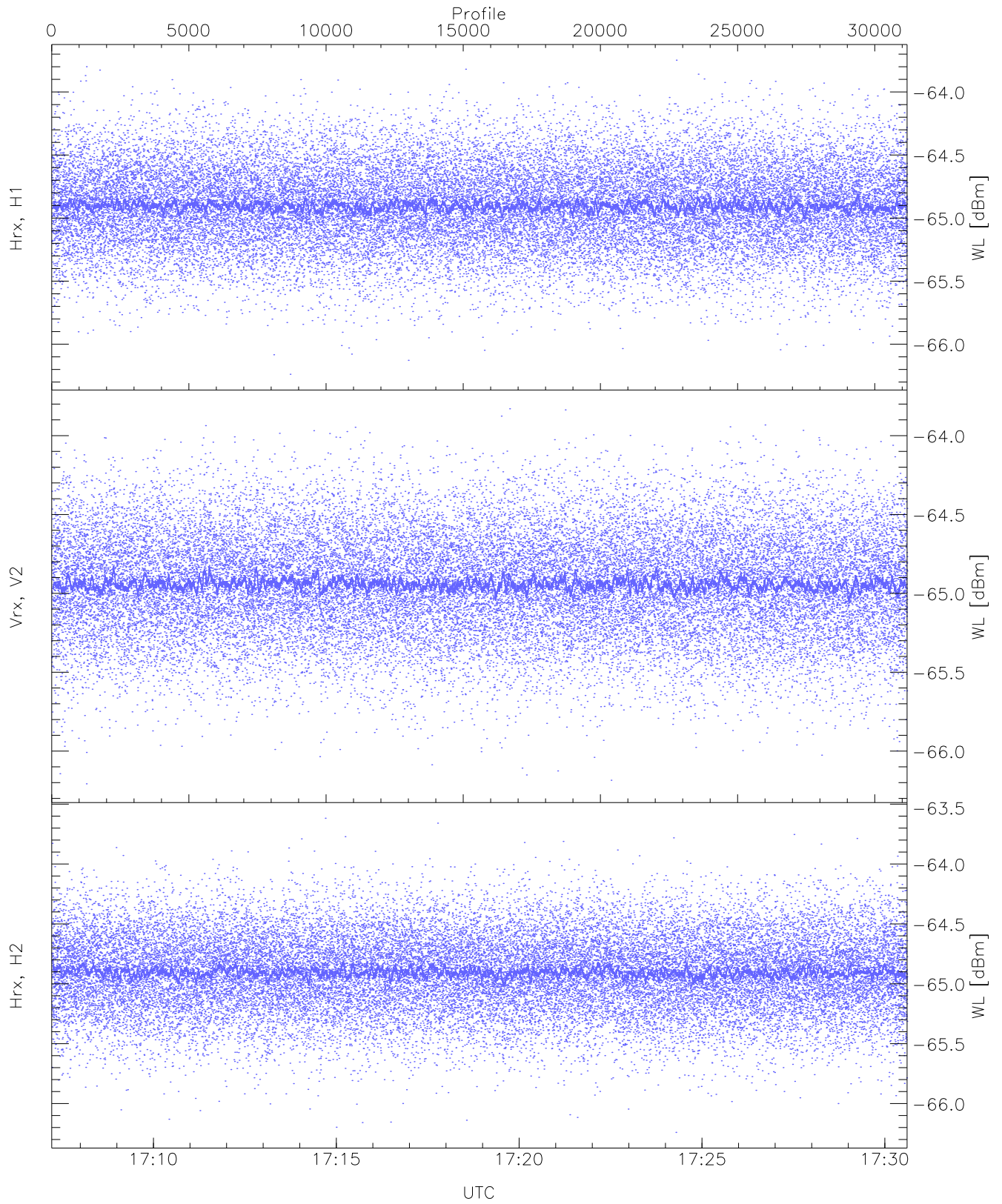
WCR3 CPP Receivers Gain and Noise Figure

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



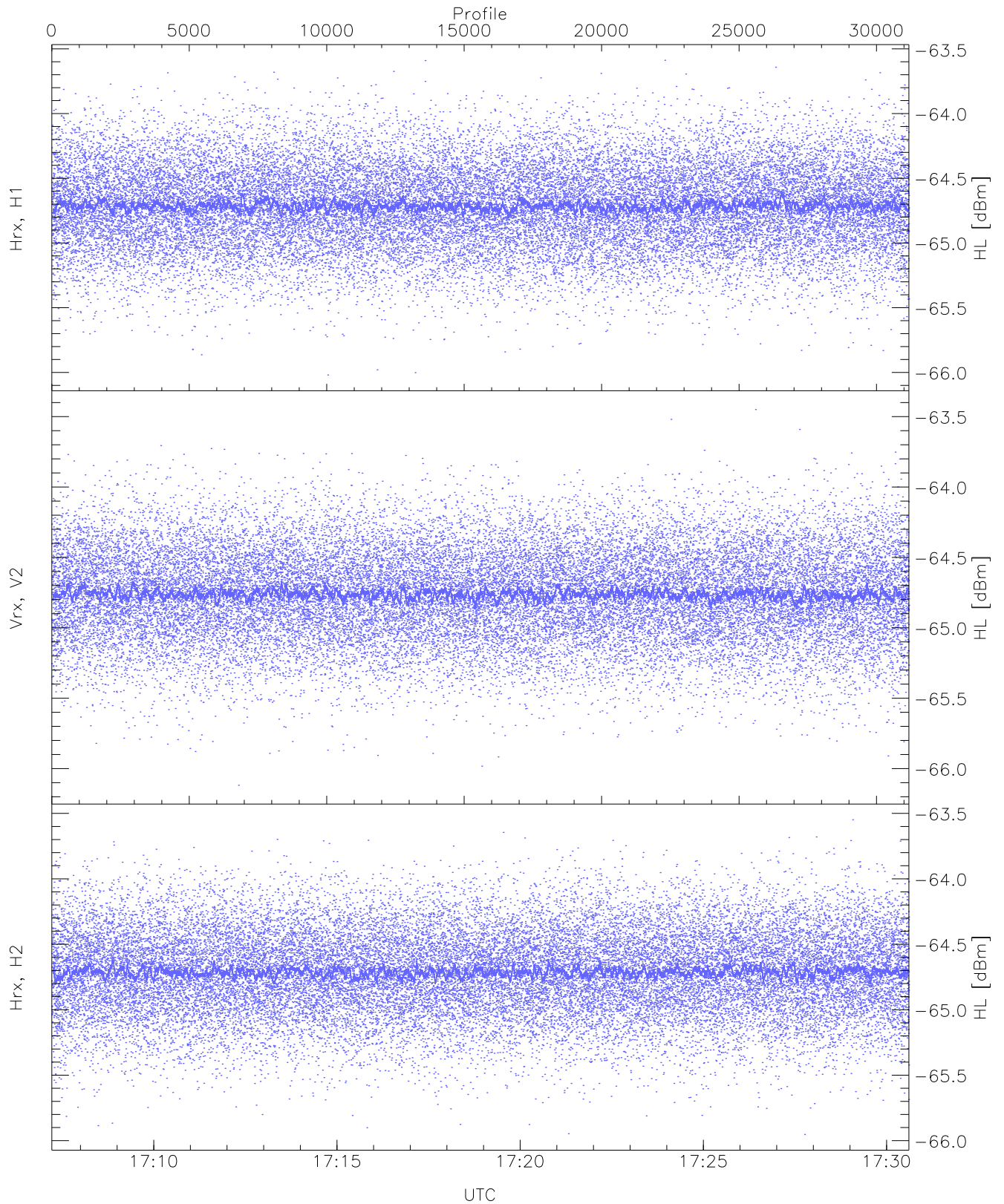
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.47	-65.15	-65.34	-65.34	-85.81
RMPHrxH1(std_dBm)	-76.12	-74.64	-75.35	-75.36	-89.11
RMPVrxV2(mean_dBm)	-65.14	-64.83	-64.98	-64.98	-86.22
RMPVrxV2(std_dBm)	-75.73	-74.33	-75.00	-75.00	-88.79
RMPHrxH2(mean_dBm)	-65.06	-64.81	-64.94	-64.94	-86.15
RMPHrxH2(std_dBm)	-75.69	-74.26	-74.95	-74.95	-88.74



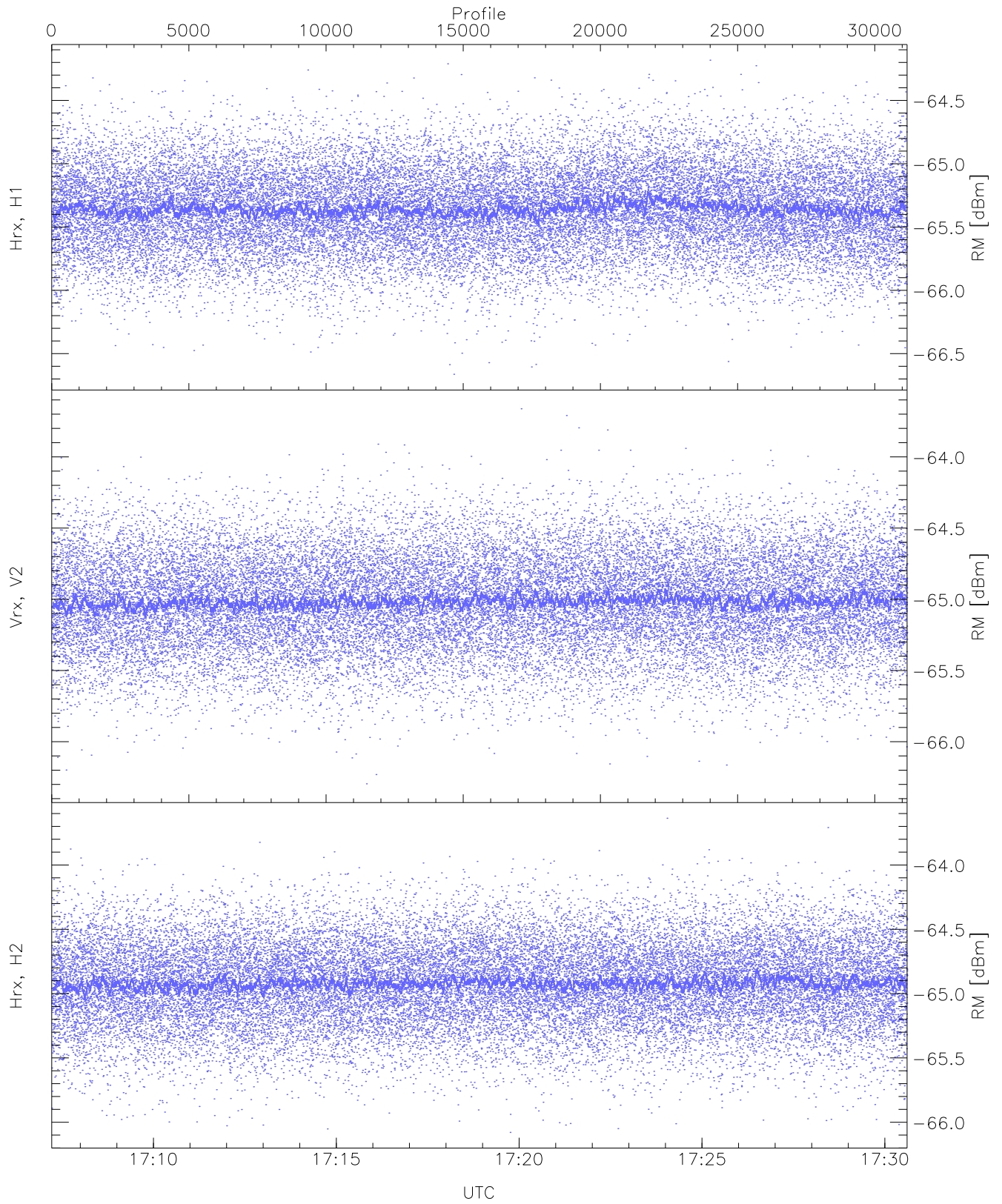
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.24	-63.75	-64.90	-64.90	-76.38
Vrx, V2 (WL [dBm])	-66.21	-63.83	-64.93	-64.94	-76.45
Hrx, H2 (WL [dBm])	-66.24	-63.62	-64.90	-64.91	-76.40



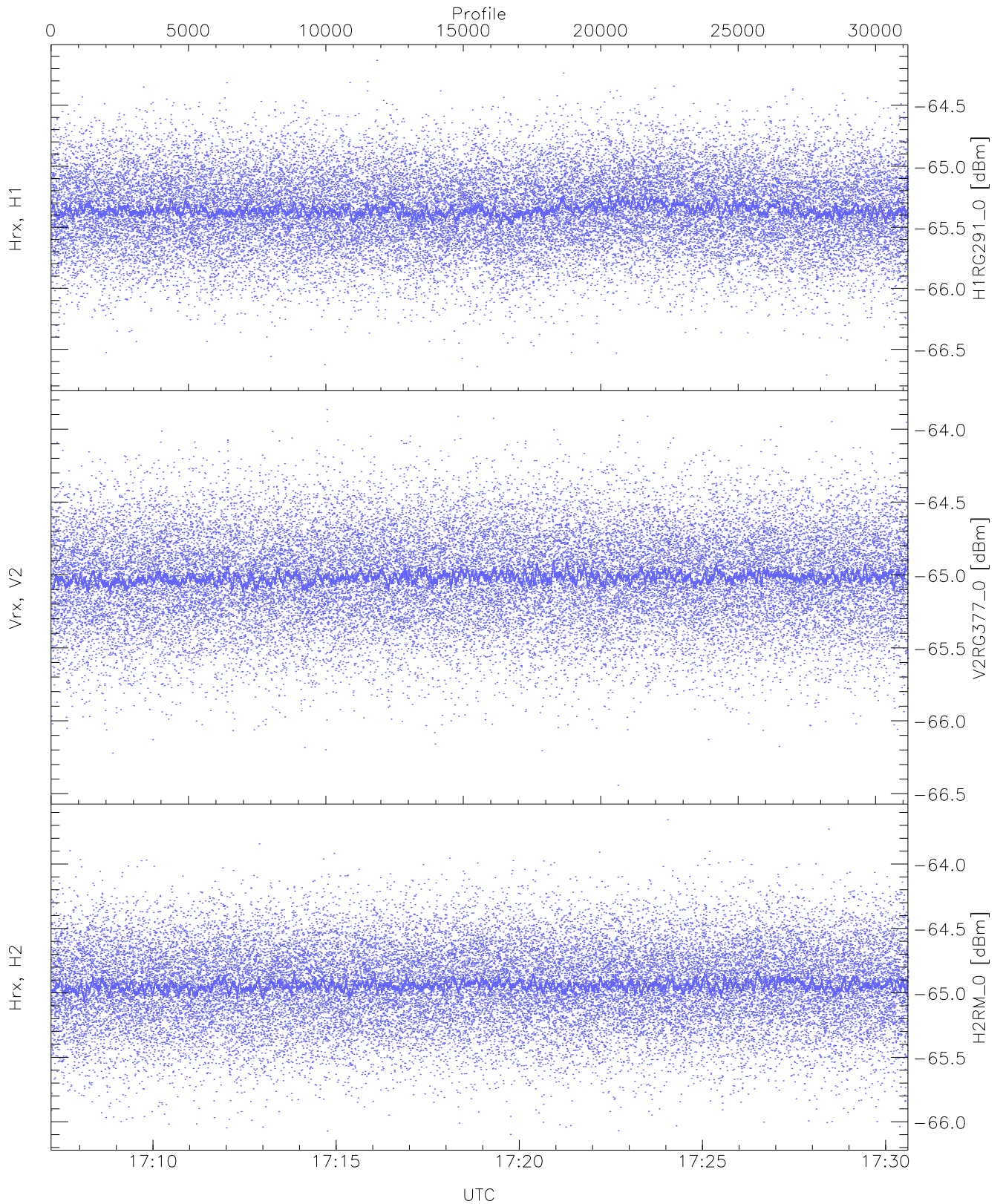
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.02	-63.59	-64.71	-64.71	-76.21
Vrx, V2 (HL [dBm])	-66.12	-63.45	-64.75	-64.76	-76.24
Hrx, H2 (HL [dBm])	-65.95	-63.55	-64.71	-64.71	-76.21



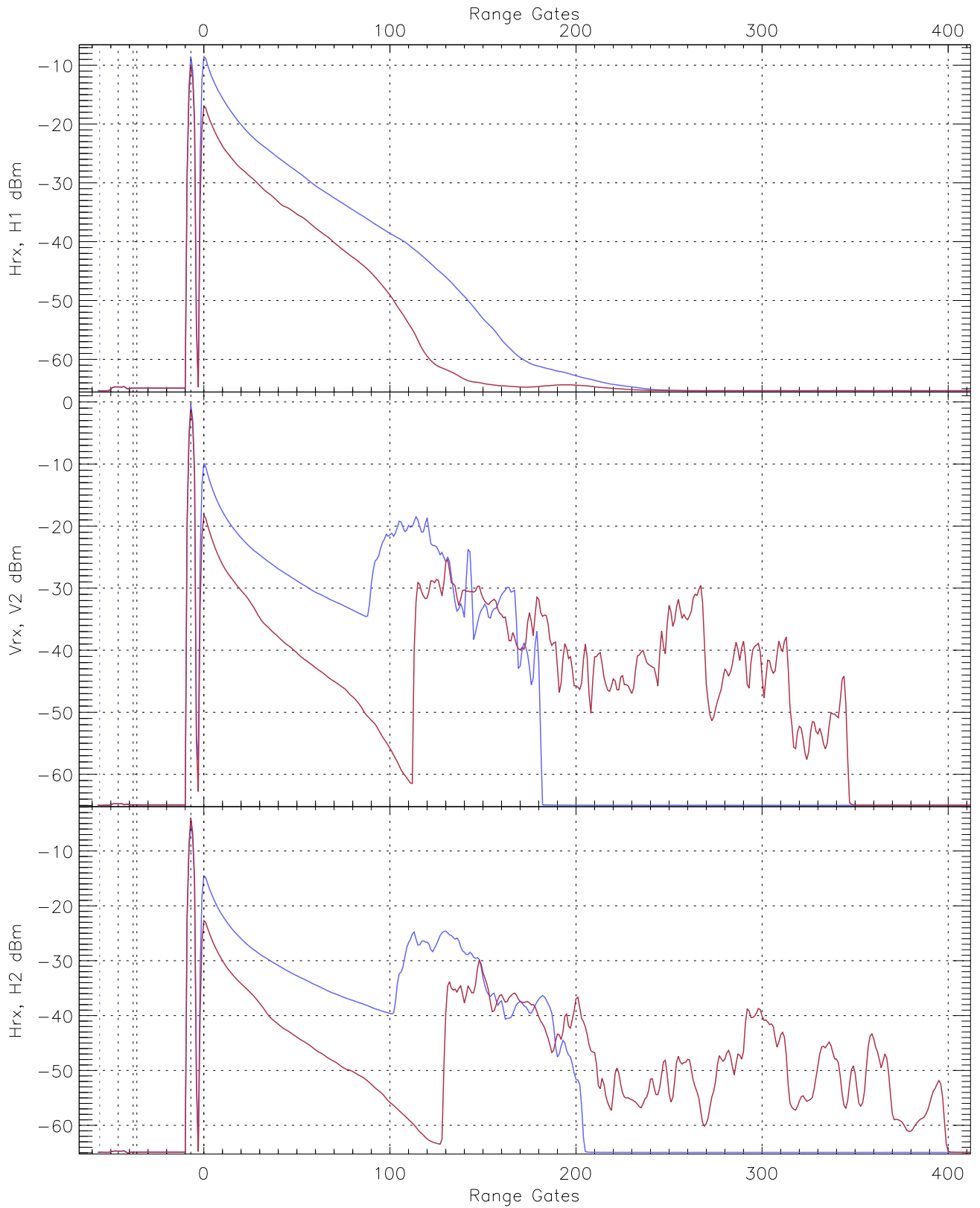
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.66	-64.18	-65.35	-65.36	-76.84
Vrx, V2 (RM [dBm])	-66.30	-63.66	-65.01	-65.02	-76.47
Hrx, H2 (RM [dBm])	-66.08	-63.64	-64.92	-64.92	-76.44

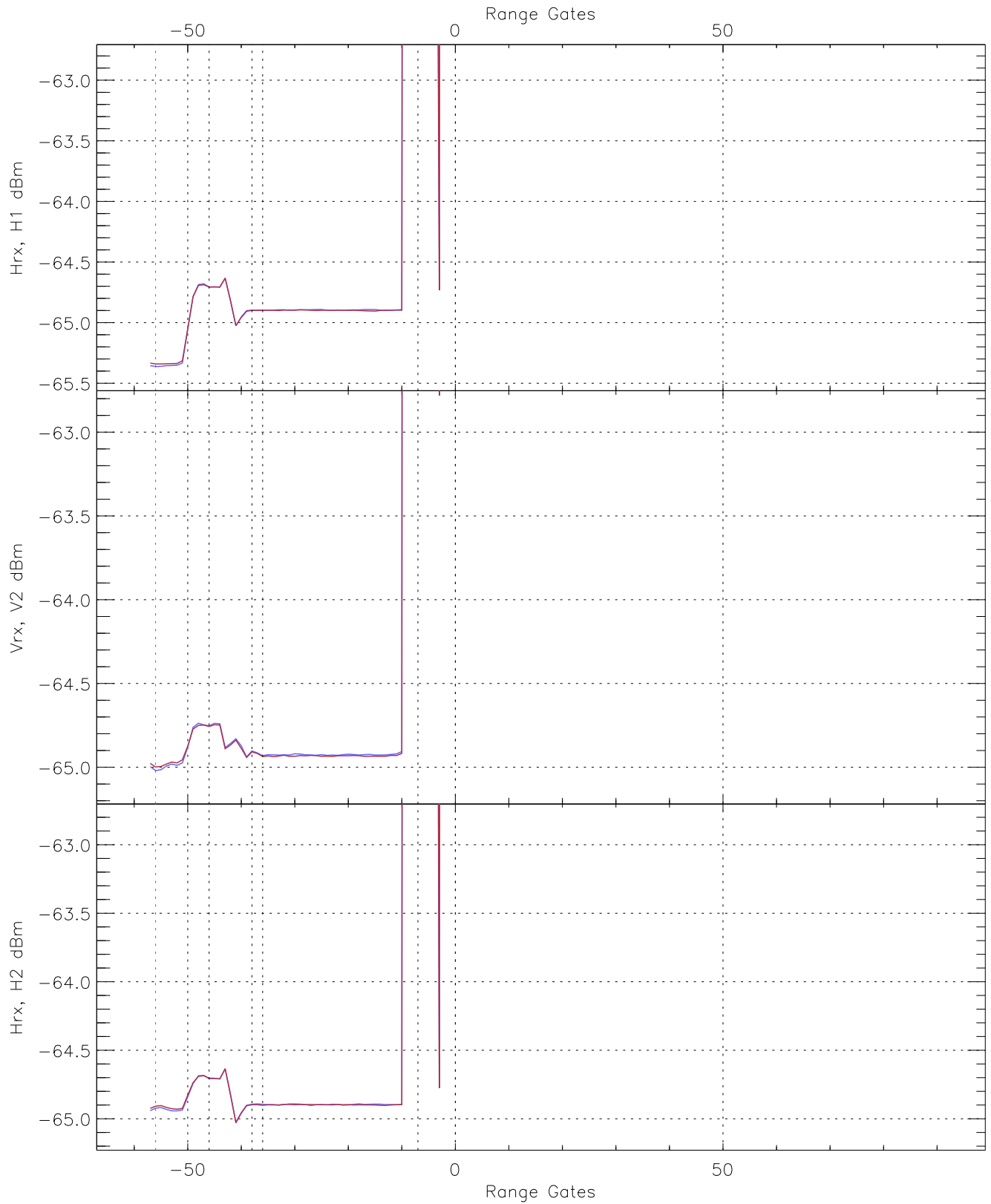


WCR3 CPP "Best" estimate Receivers Noise Power

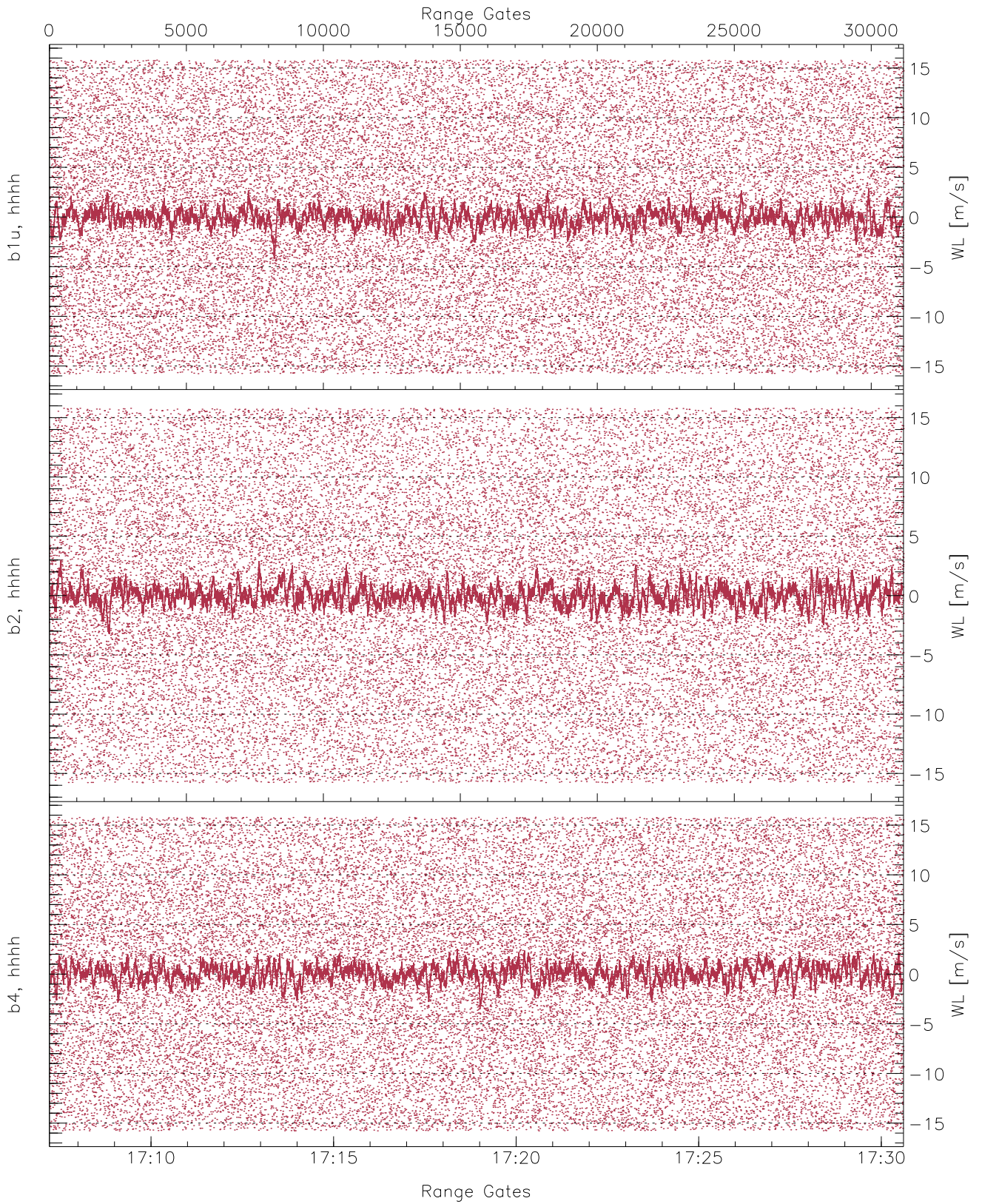
	Min	Max	Mean	Median	StDev
H1RG291_0 [dBm]	-66.71	-64.13	-65.35	-65.36	-76.86
V2RG377_0 [dBm]	-66.44	-63.87	-65.01	-65.01	-76.52
H2RM_0 [dBm]	-66.10	-63.66	-64.94	-64.94	-76.46



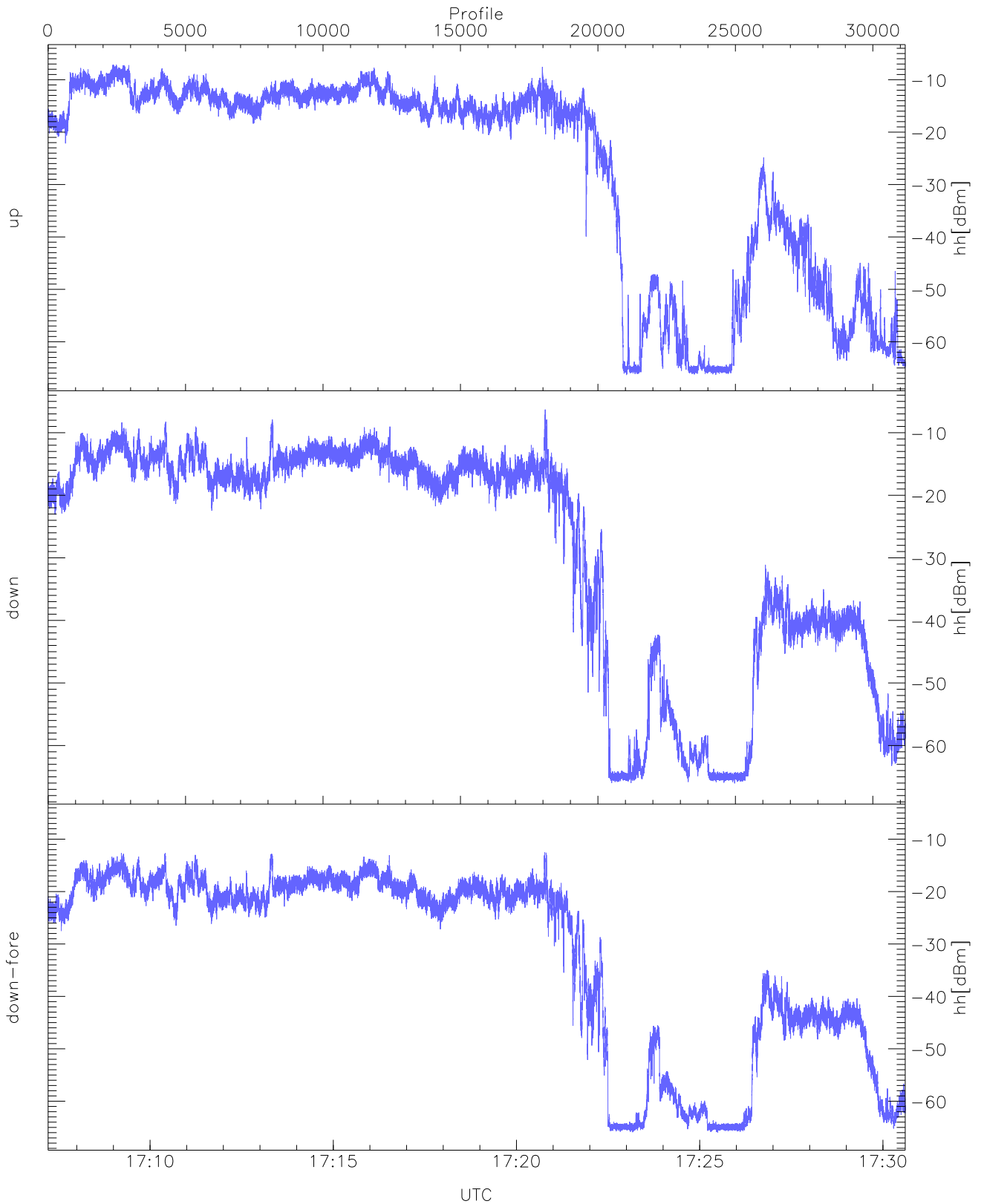
WCR3 CPP Averaged Received power for all recorded gates
blue: 170713-171855, 15591 profiles averaged
red: 171855-173036, 15590 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 170713-171855, 15591 profiles averaged
red: 171855-173036, 15590 profiles averaged

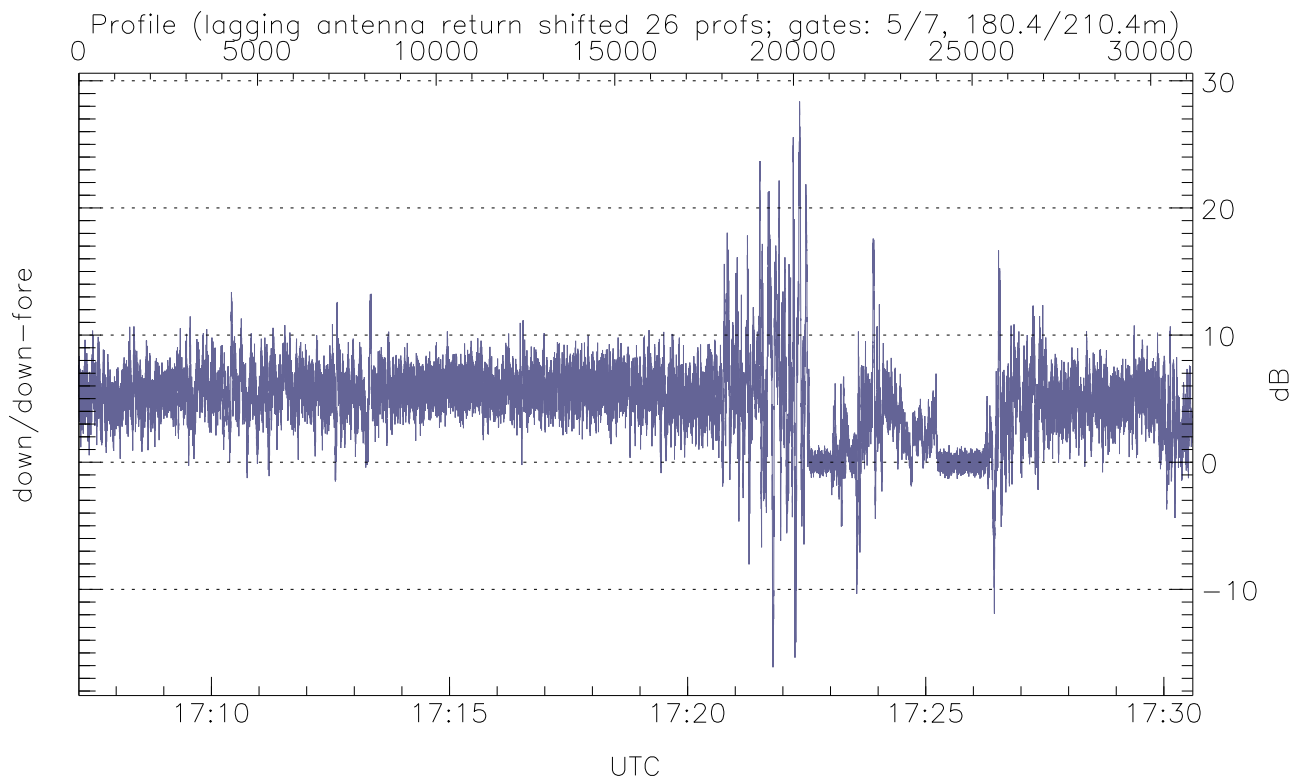
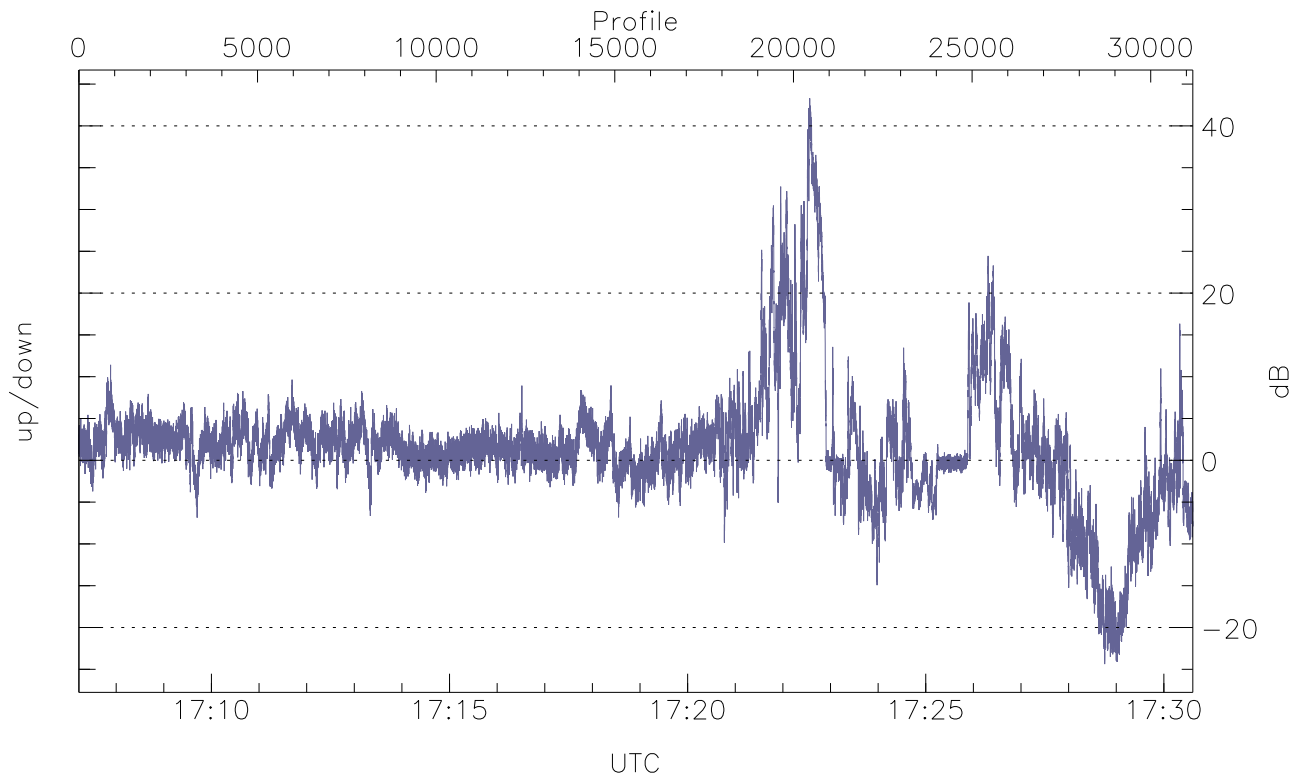


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



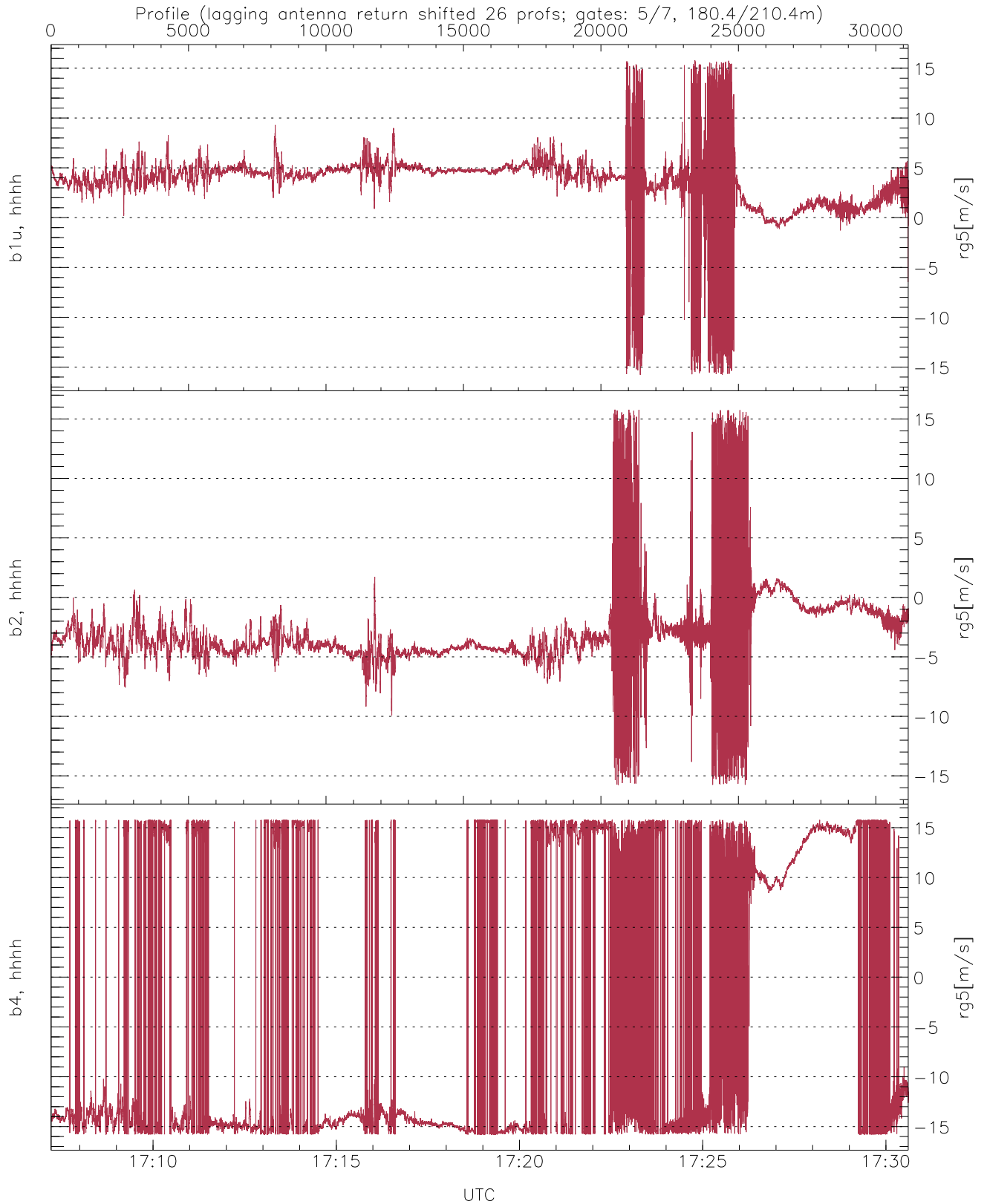
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.35	-7.09	-14.91
down(hh[dBm])	-66.04	-6.30	-16.74
down-fore(hh[dBm])	-65.97	-12.47	-20.93



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

	Min	Max	Mean
up/down (dB)	-24.37	43.30	1.52
down/down-fore (dB)	-16.13	28.37	4.79



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	3.57	2.74
b2, hhhh(rg5[m/s])	-15.76	15.78	-3.03	2.84
b4, hhhh(rg5[m/s])	-15.79	15.79	-3.70	13.66