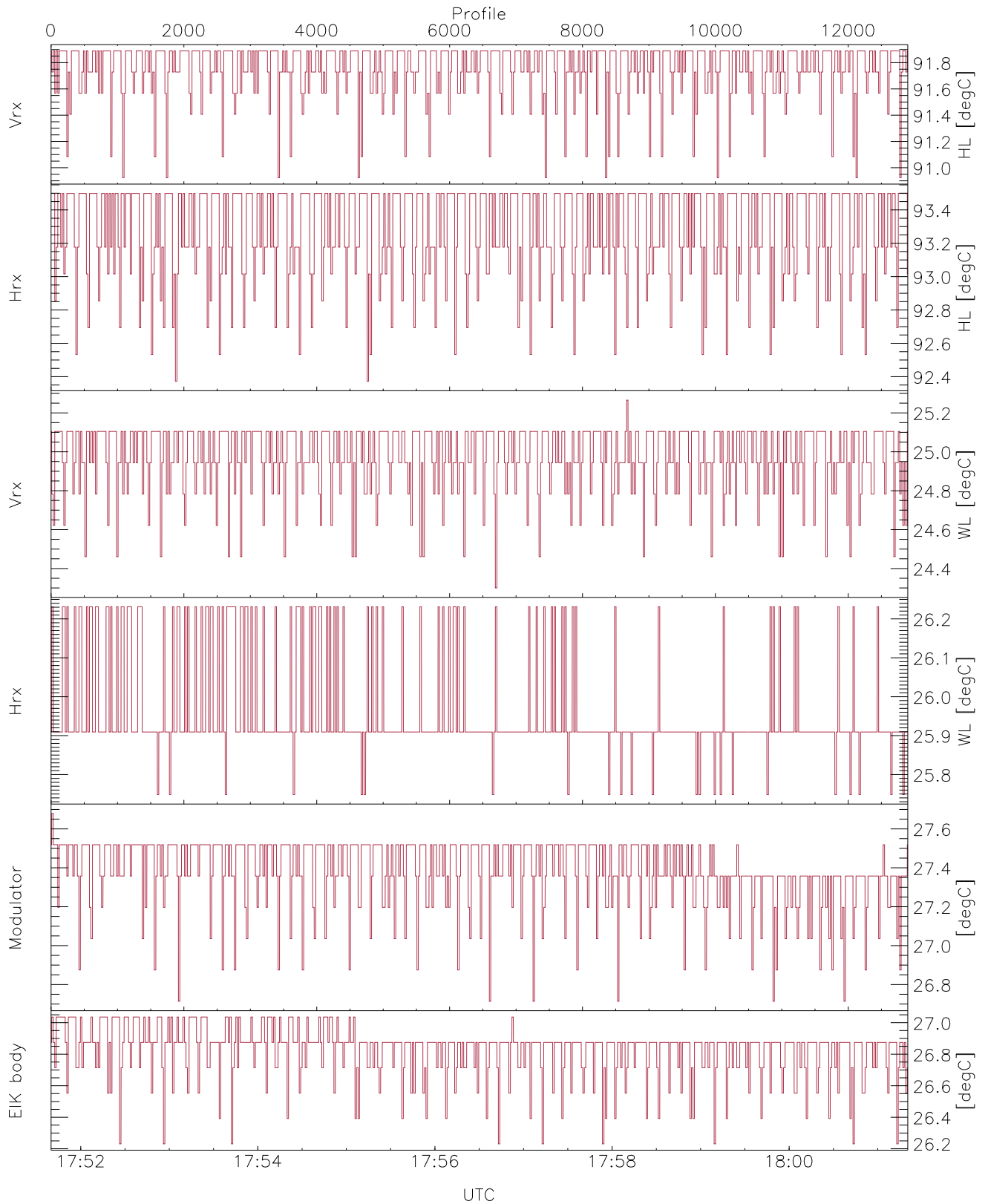


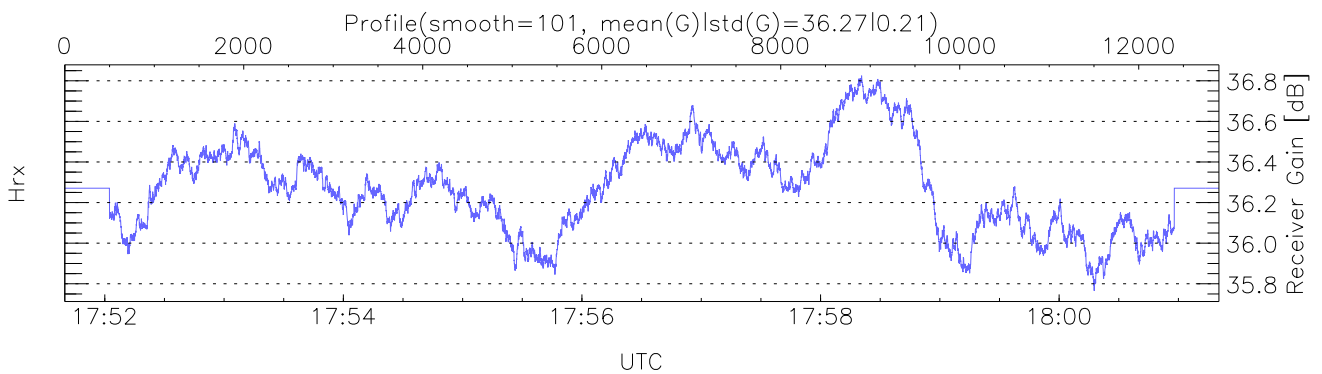
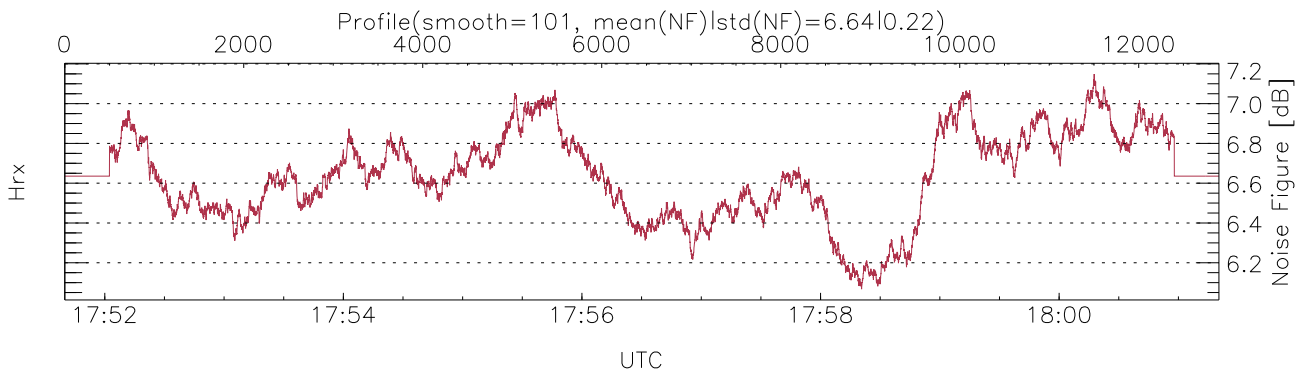
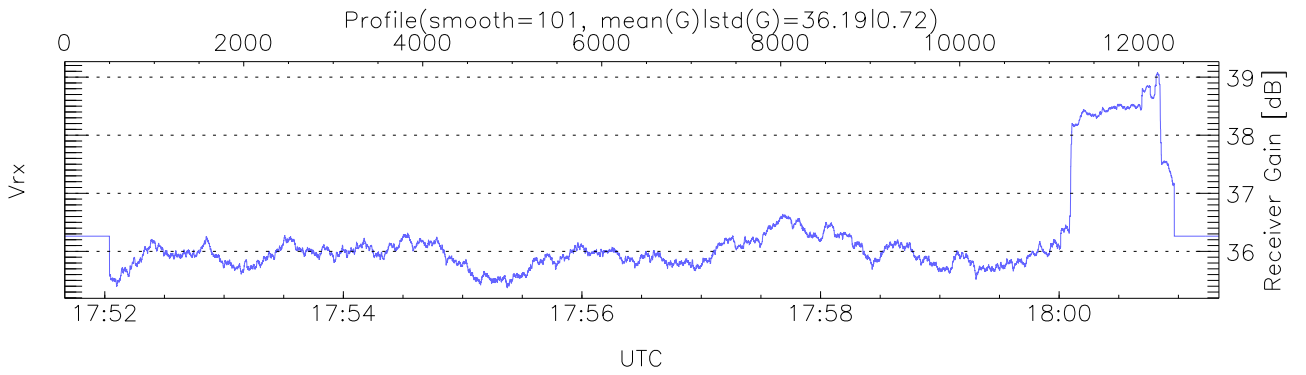
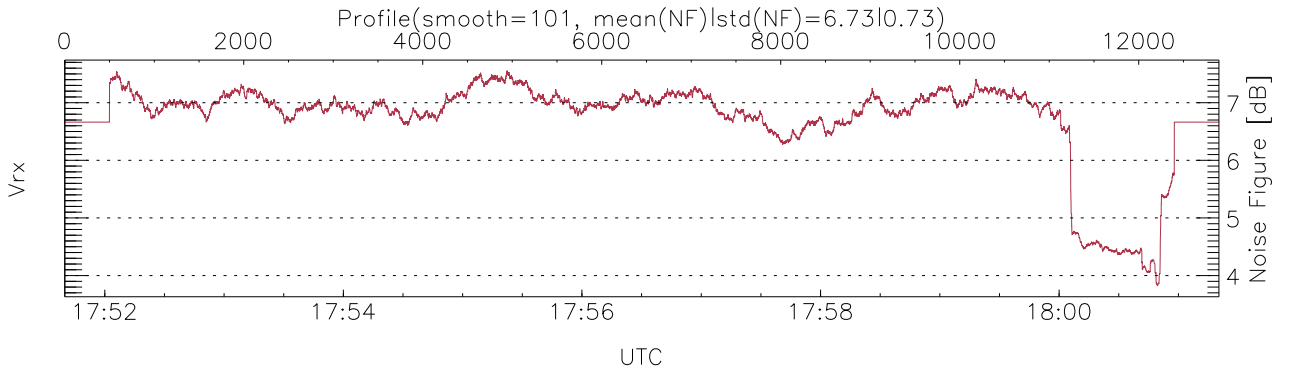
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:51:40-18:01:20, TimeCor: 0.00s, Dur: 580.51s
 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): 12898/12898, 0-12897/17:51:40-18:01:20
 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



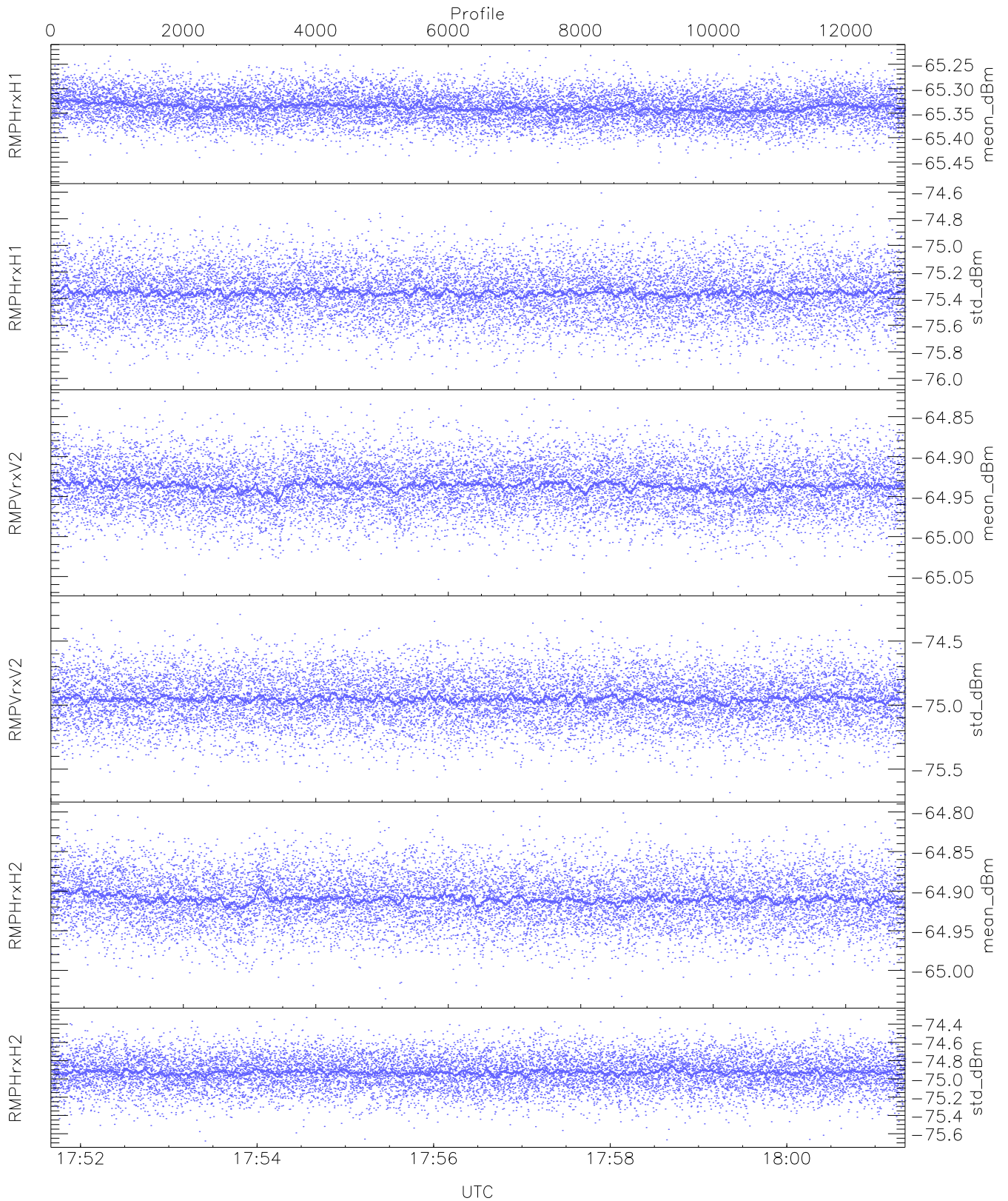
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,25,26,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,25,26,27,27
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



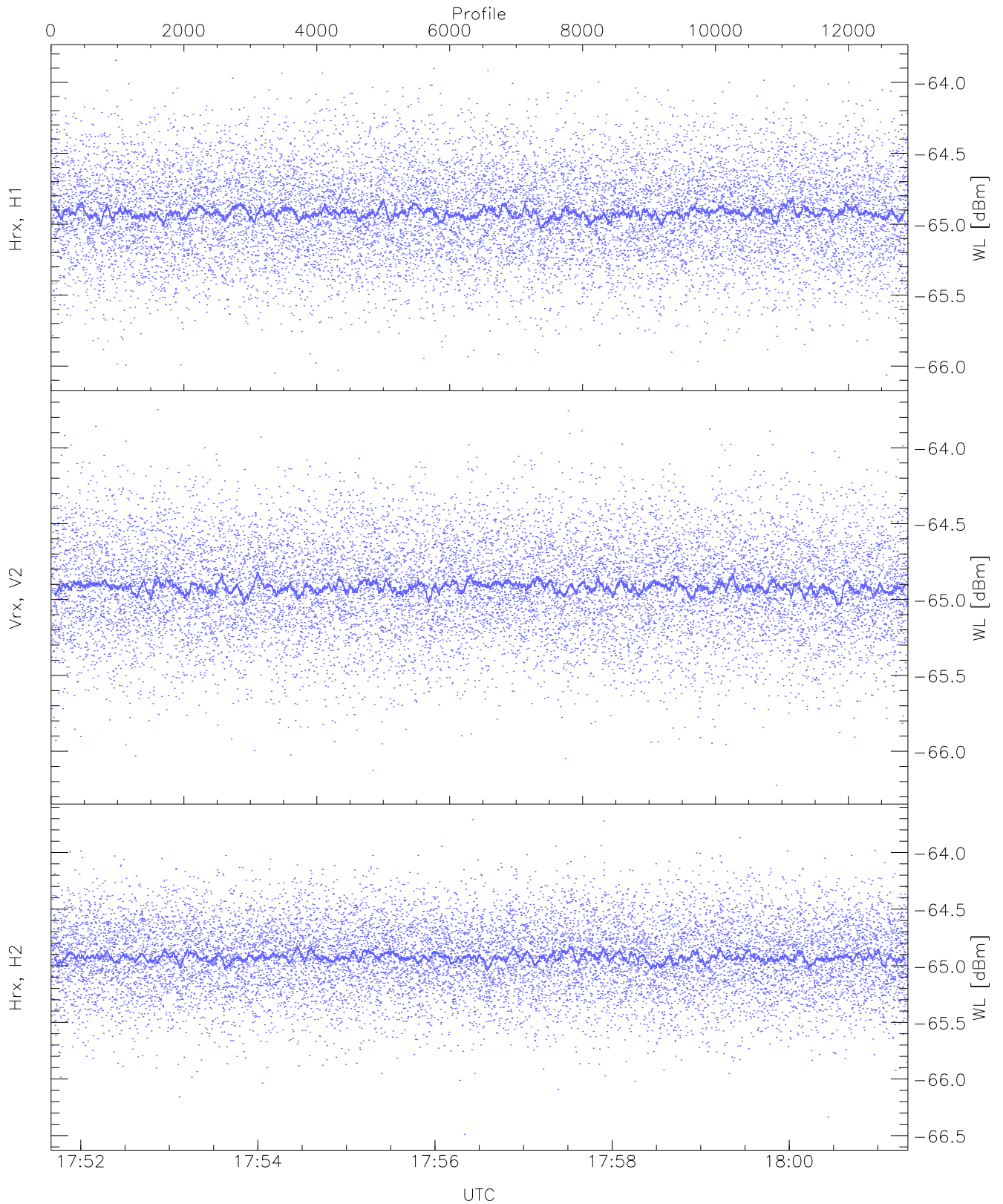
WCR3 CPP Receivers Gain and Noise Figure

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



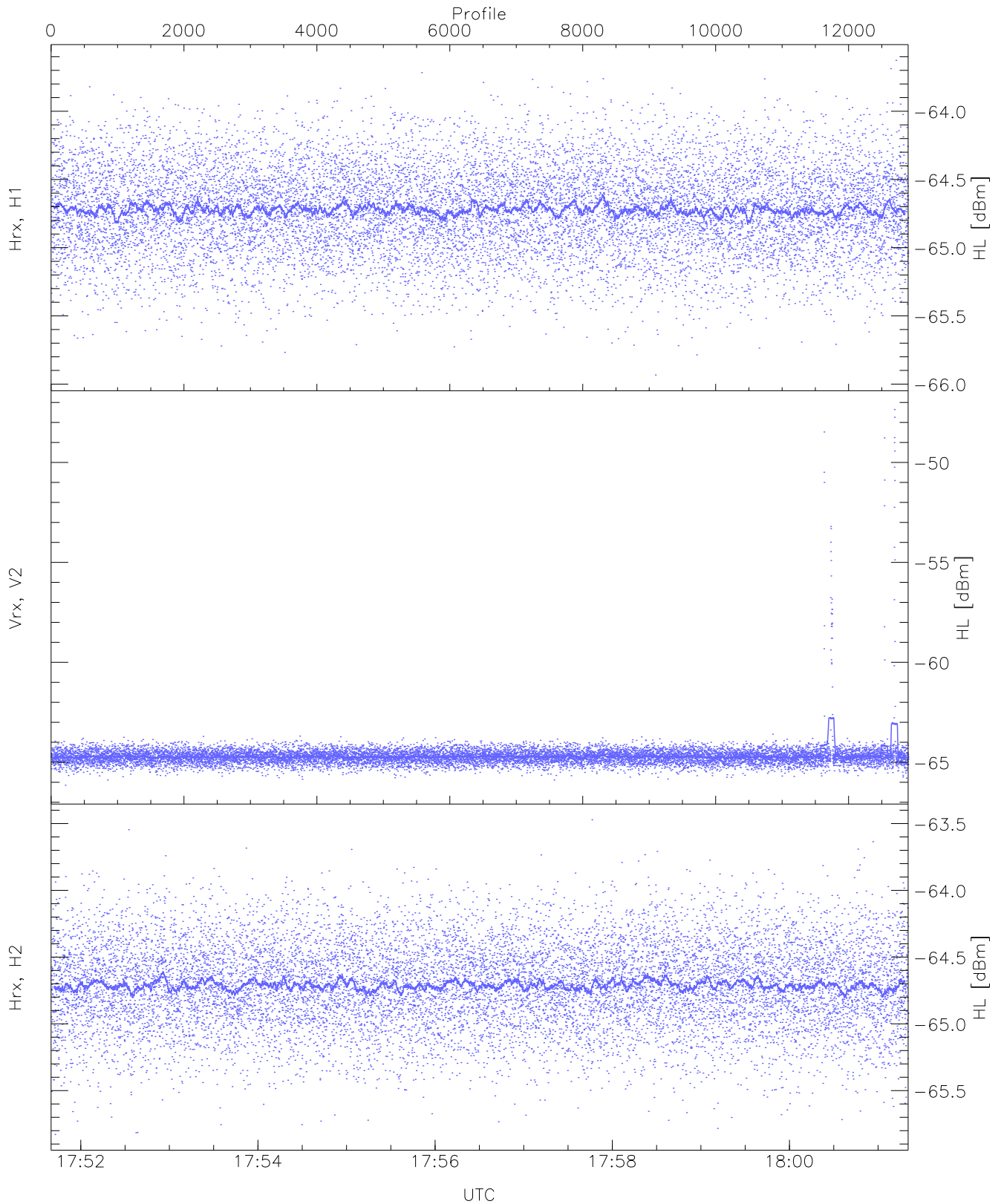
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.48	-65.22	-65.34	-65.34	-86.86
RMPHrxH1(std_dBm)	-76.01	-74.61	-75.36	-75.36	-89.08
RMPVrxV2(mean_dBm)	-65.06	-64.83	-64.94	-64.94	-86.52
RMPVrxV2(std_dBm)	-75.68	-74.22	-74.95	-74.95	-88.73
RMPHrxH2(mean_dBm)	-65.04	-64.80	-64.91	-64.91	-86.42
RMPHrxH2(std_dBm)	-75.68	-74.29	-74.93	-74.93	-88.74



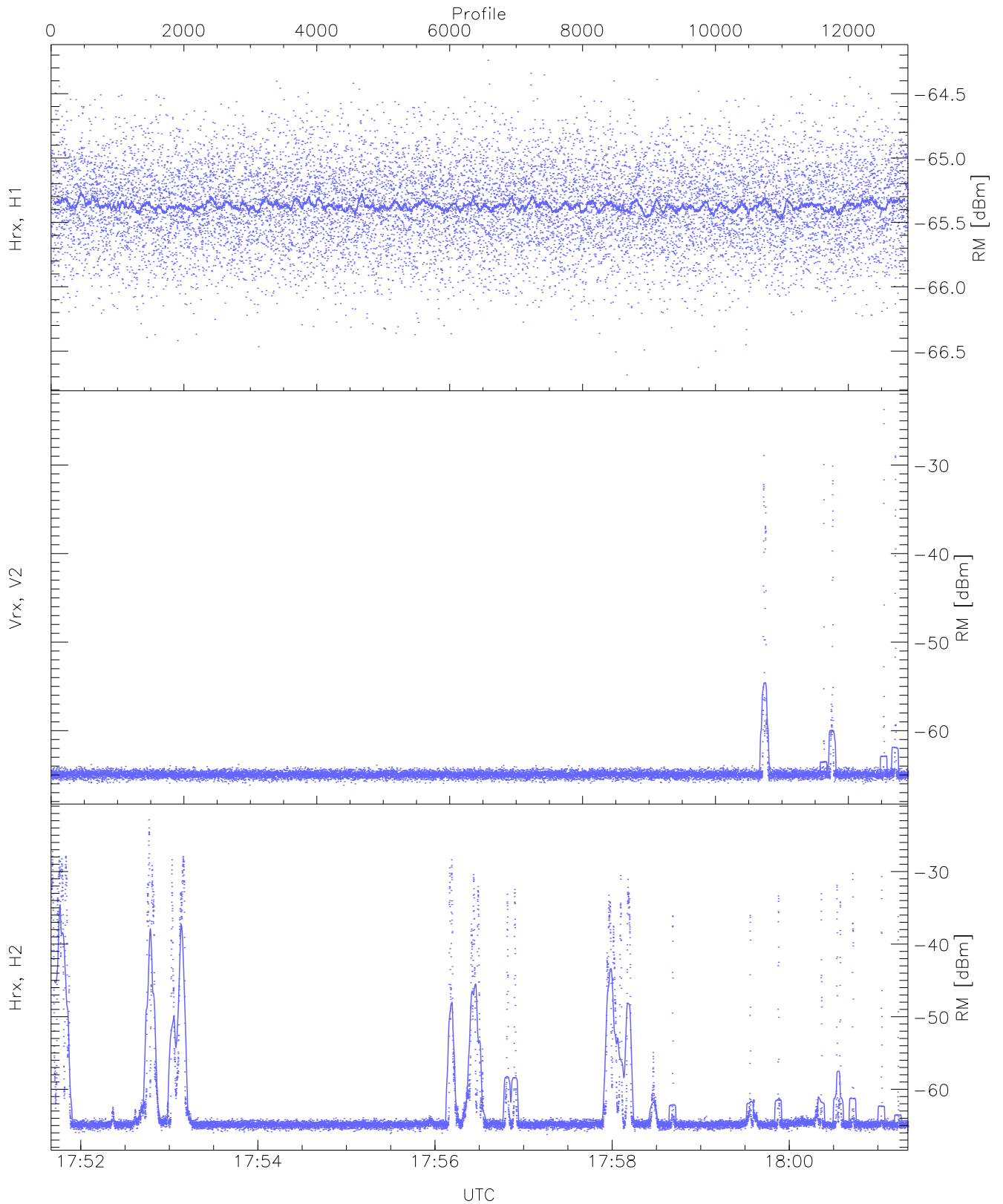
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.06	-63.84	-64.91	-64.92	-76.40
Vrx, V2 (WL [dBm])	-66.22	-63.75	-64.91	-64.92	-76.43
Hrx, H2 (WL [dBm])	-66.49	-63.71	-64.92	-64.92	-76.37



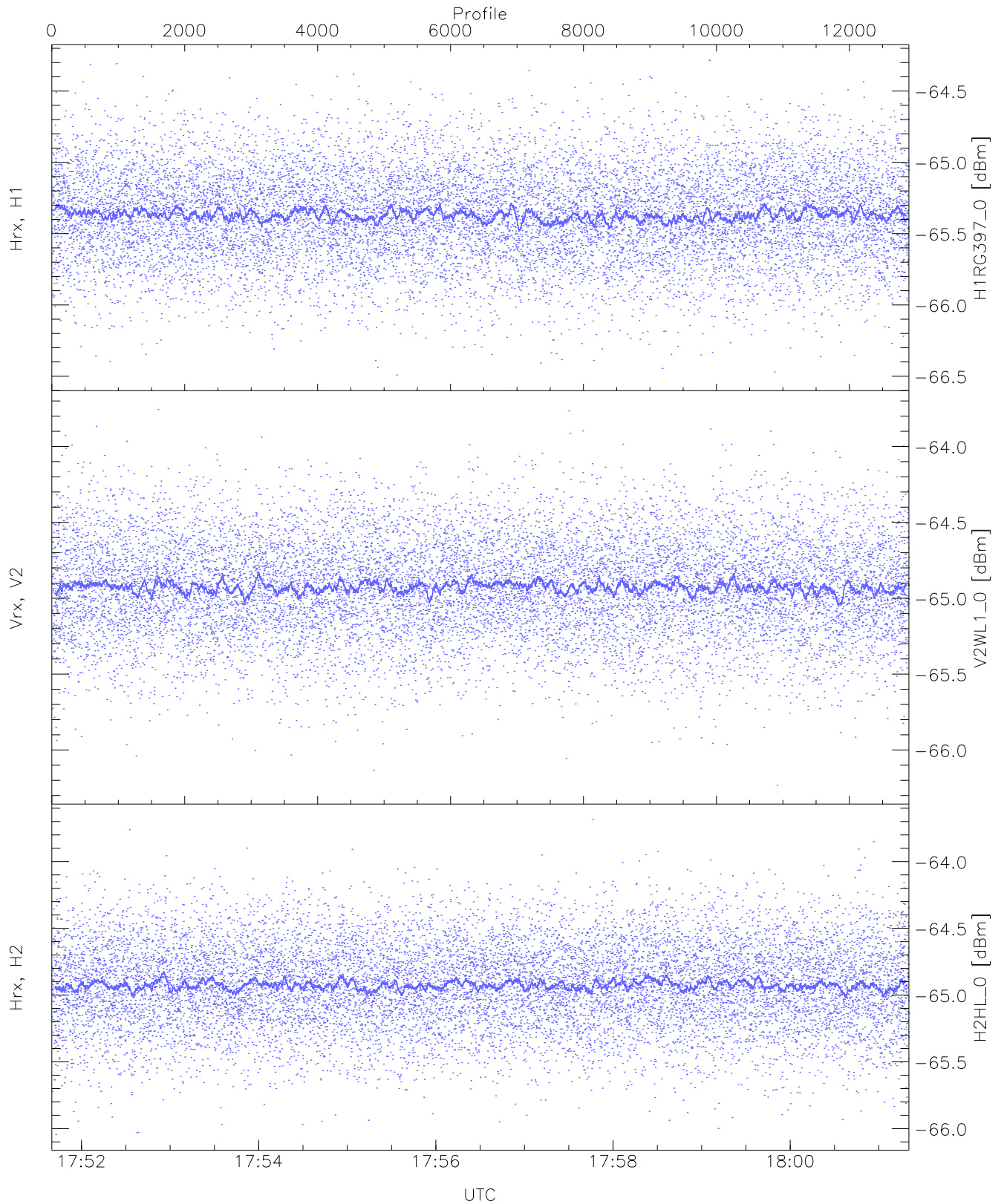
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.93	-63.63	-64.71	-64.72	-76.24
Vrx, V2 (HL [dBm])	-66.15	-47.35	-64.52	-64.73	-64.11
Hrx, H2 (HL [dBm])	-65.83	-63.47	-64.70	-64.71	-76.23



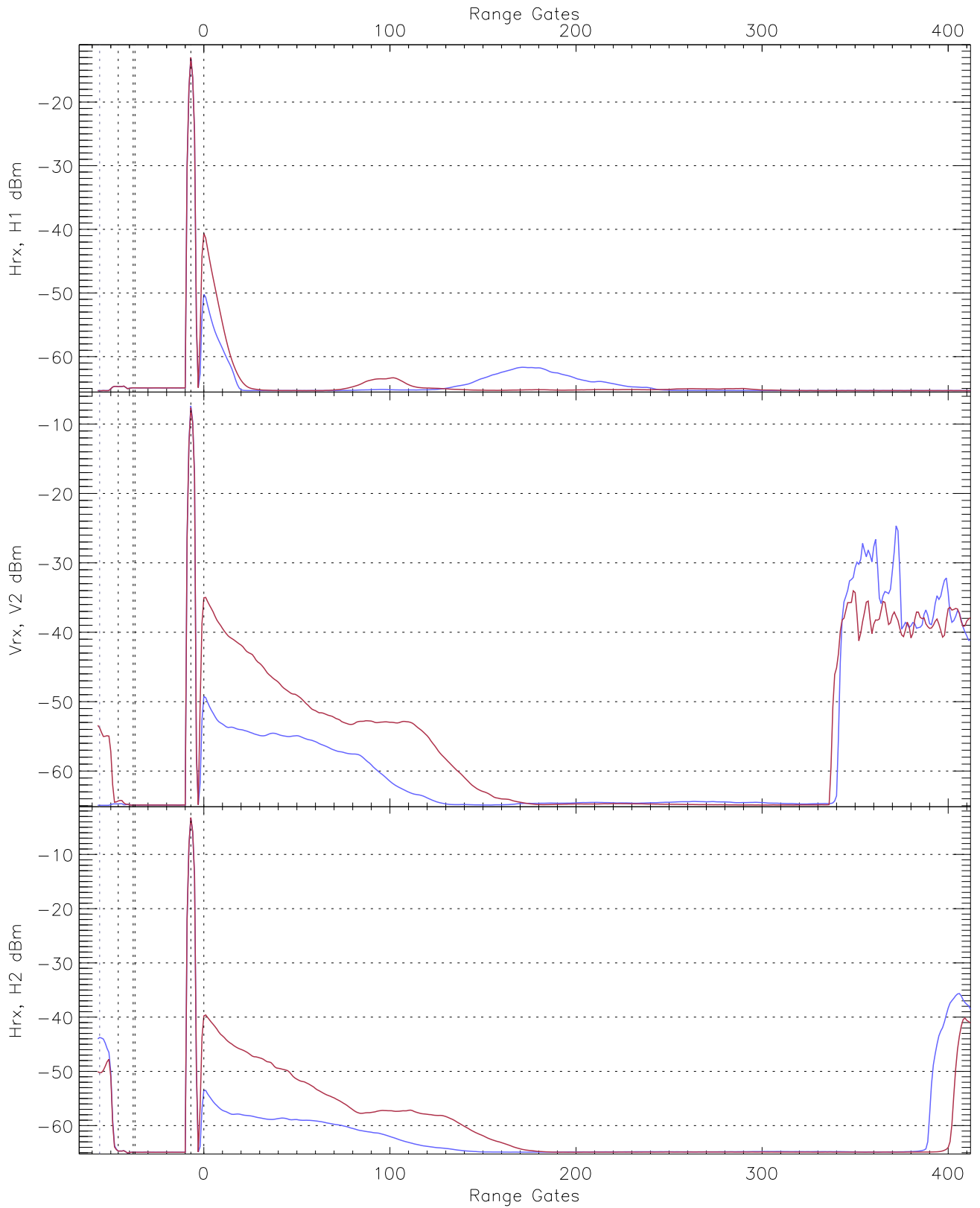
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.69	-64.24	-65.36	-65.37	-76.83
Vrx, V2 (RM [dBm])	-66.16	-23.73	-56.47	-64.94	-42.65
Hrx, H2 (RM [dBm])	-66.23	-22.87	-45.89	-64.74	-38.00

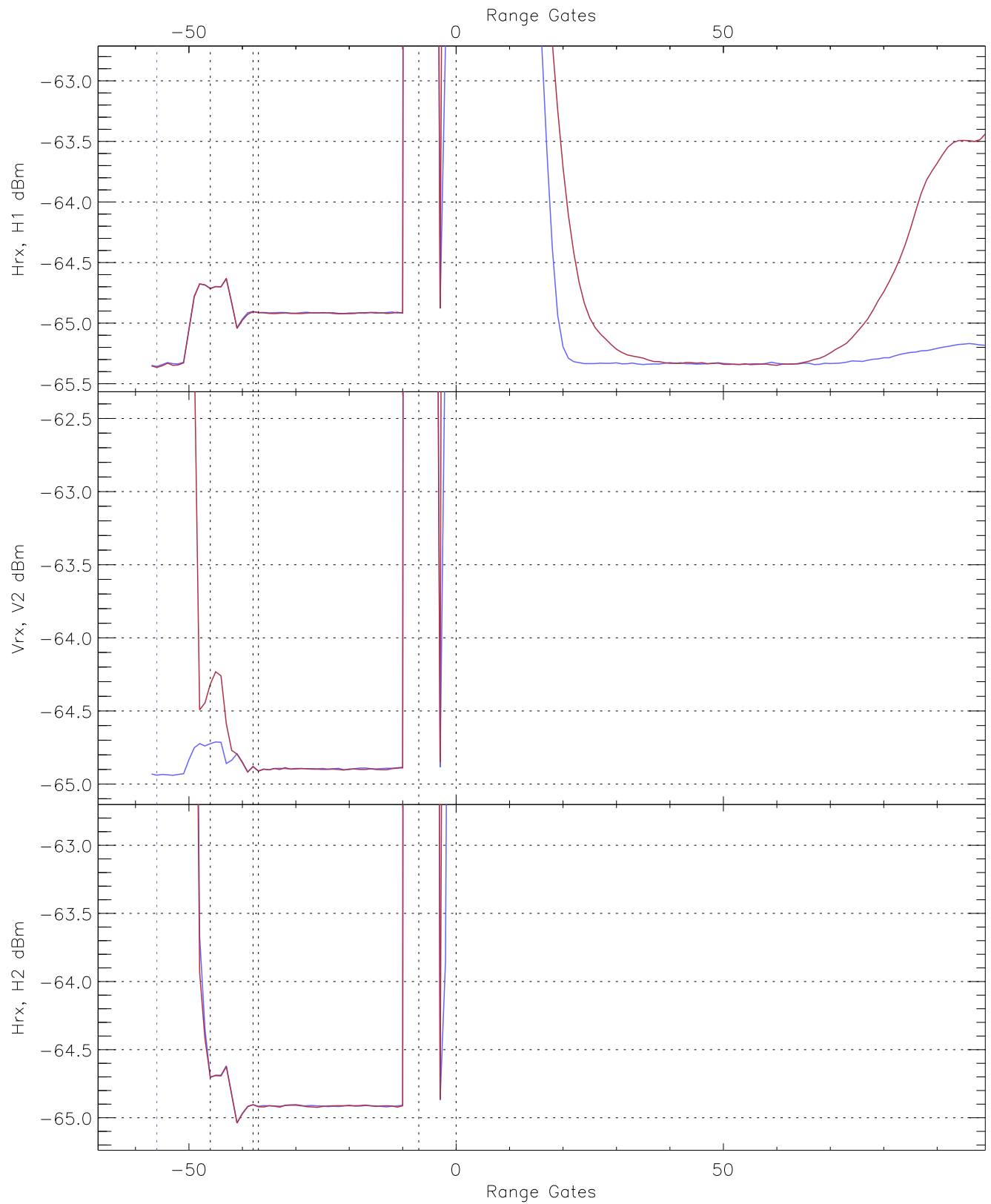


WCR3 CPP "Best" estimate Receivers Noise Power

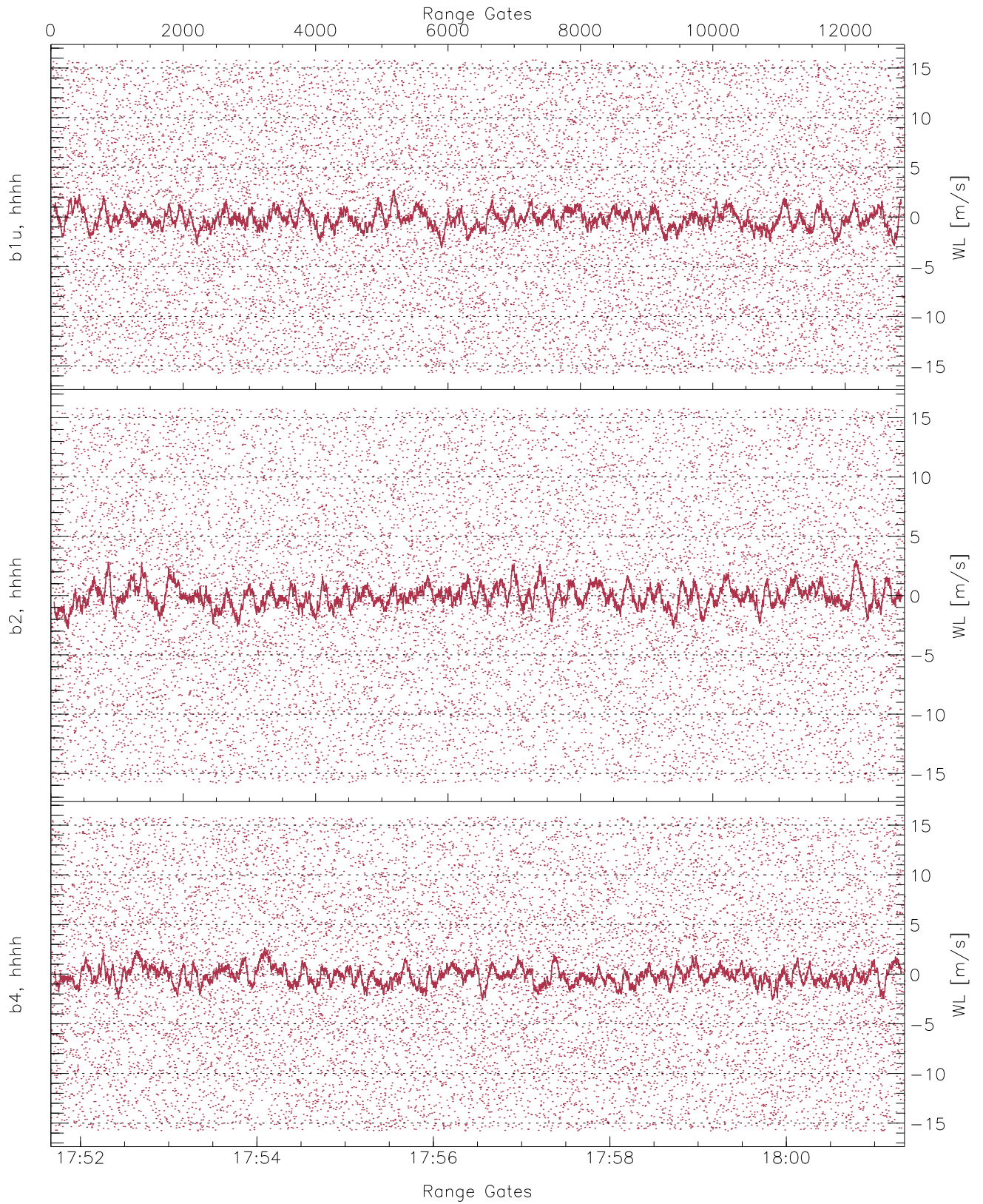
	Min	Max	Mean	Median	StDev
H1RG397_0 [dBm]	-66.49	-64.28	-65.36	-65.37	-76.87
V2WL1_0 [dBm]	-66.23	-63.76	-64.92	-64.93	-76.44
H2HL_0 [dBm]	-66.04	-63.69	-64.92	-64.93	-76.45



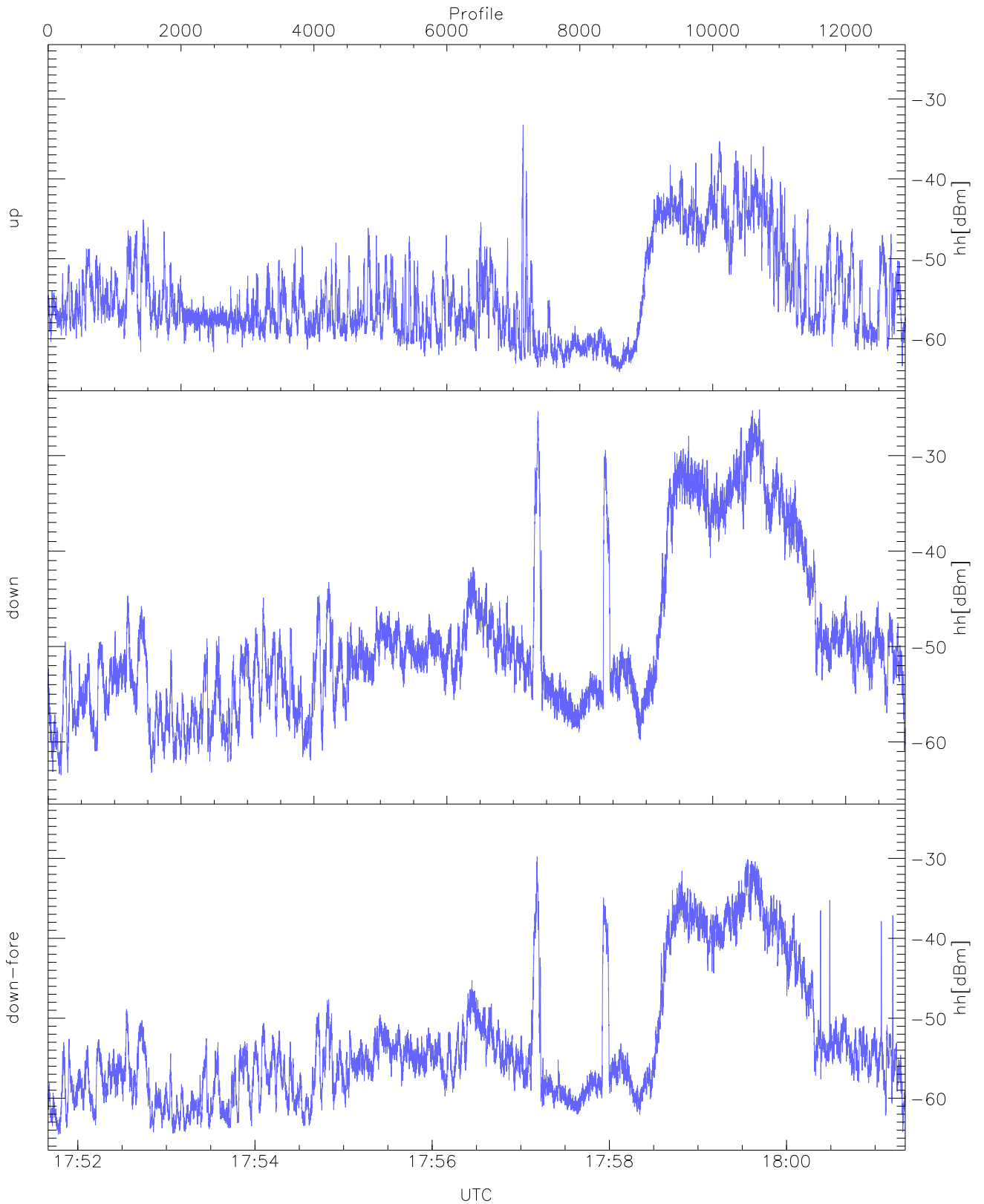
WCR3 CPP Averaged Received power for all recorded gates
blue: 175140-175630, 6450 profiles averaged
red: 175630-180120, 6449 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 175140-175630, 6450 profiles averaged
red: 175630-180120, 6449 profiles averaged

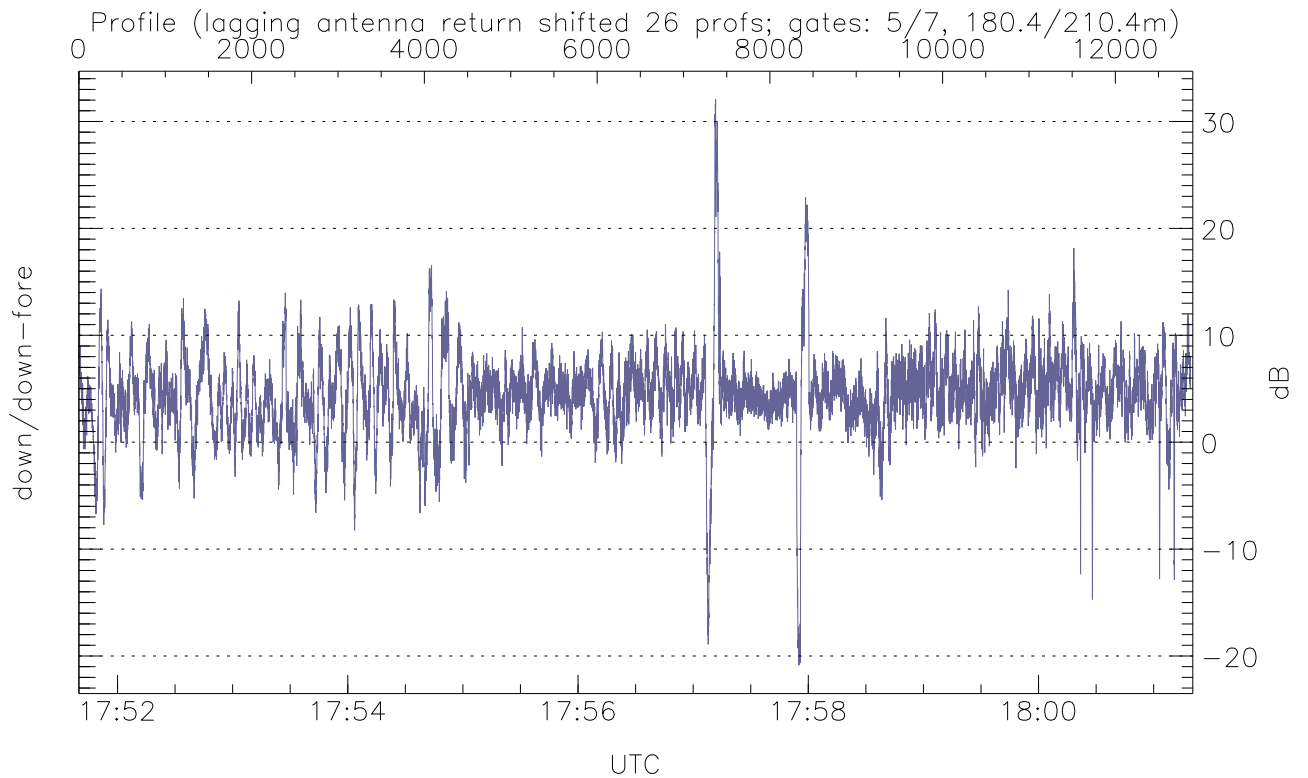
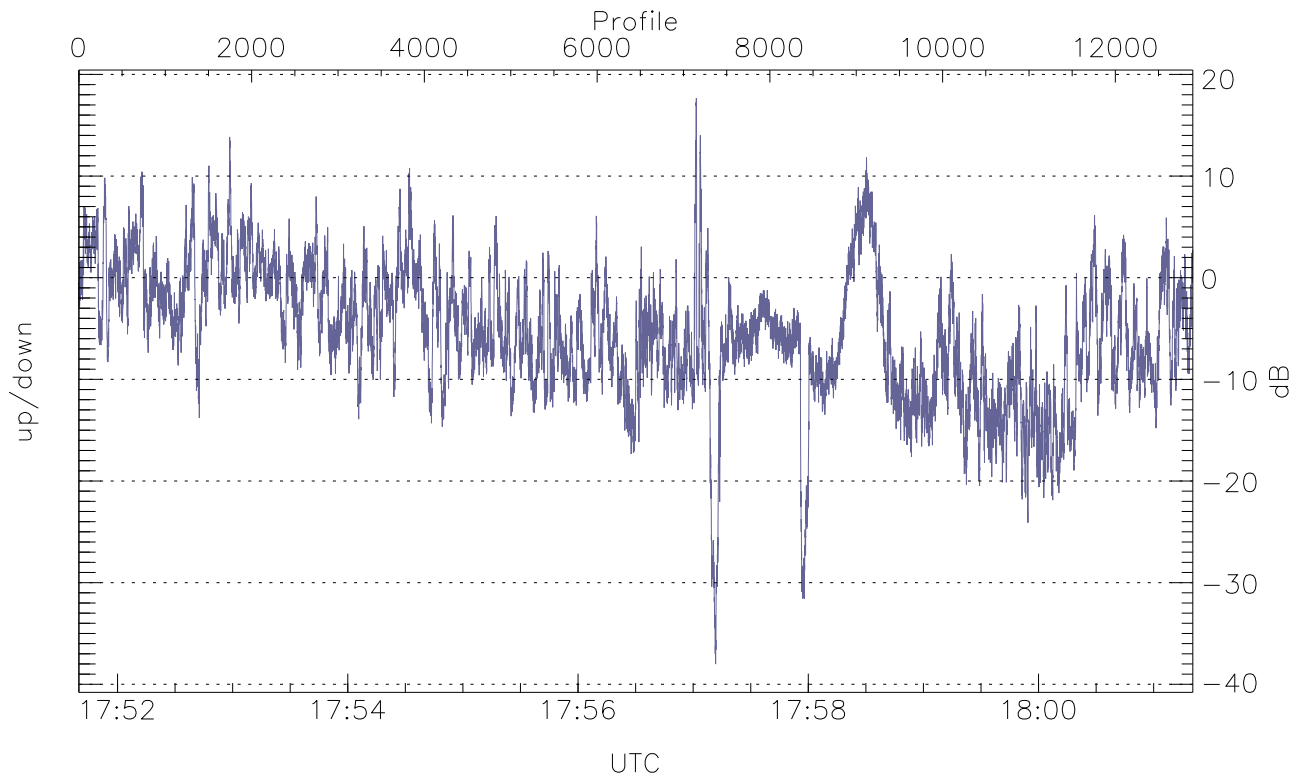


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



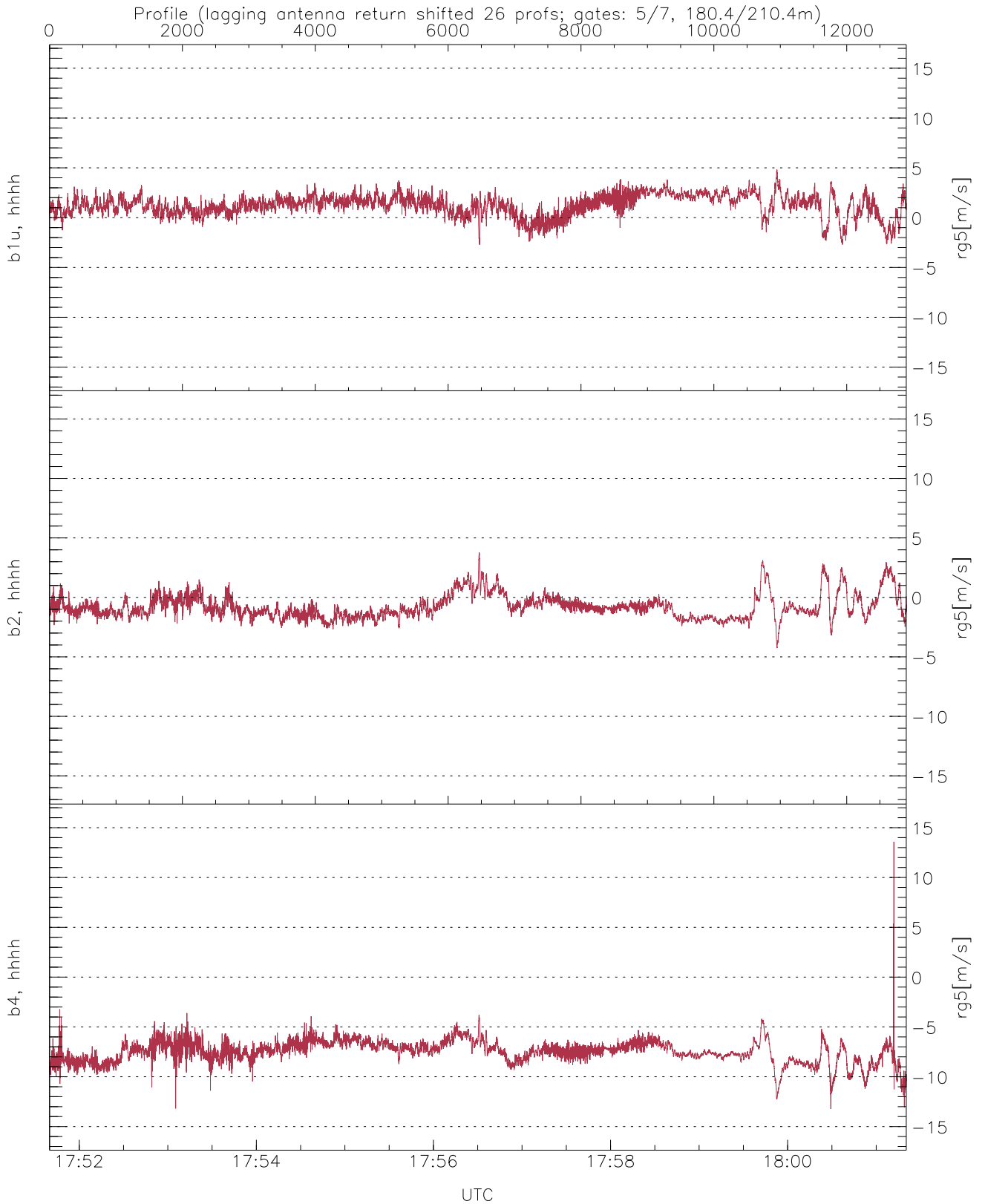
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-64.17	-33.25	-49.97
down(hh[dBm])	-63.48	-25.17	-39.94
down-fore(hh[dBm])	-64.54	-29.77	-44.17



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

	Min	Max	Mean
up/down (dB)	-38.01	17.65	-5.33
down/down-fore (dB)	-20.87	32.06	4.47



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.72	4.82	1.25	1.07
b2, hhhh(rg5[m/s])	-4.24	3.79	-0.77	1.02
b4, hhhh(rg5[m/s])	-13.24	13.59	-7.48	1.12