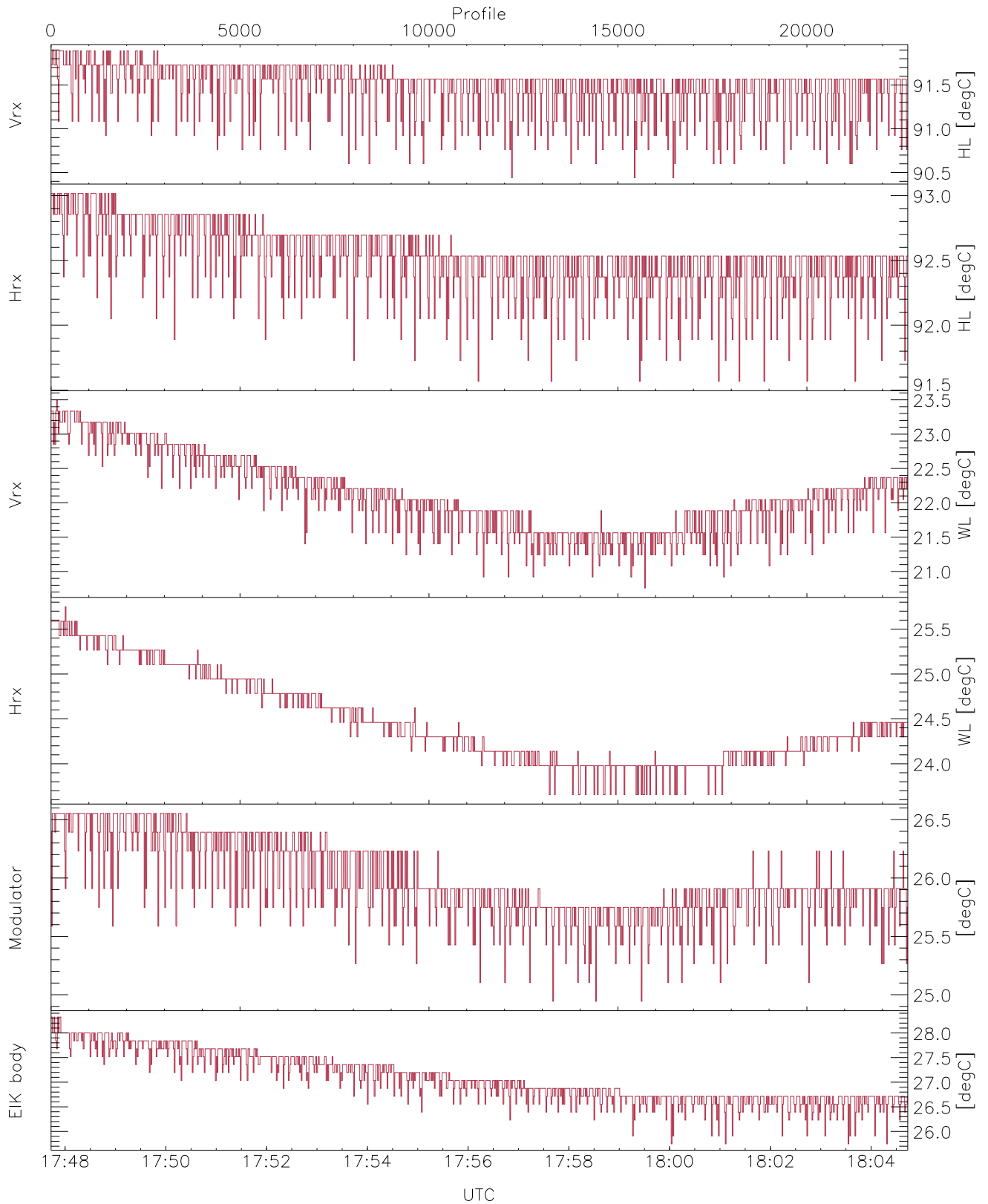


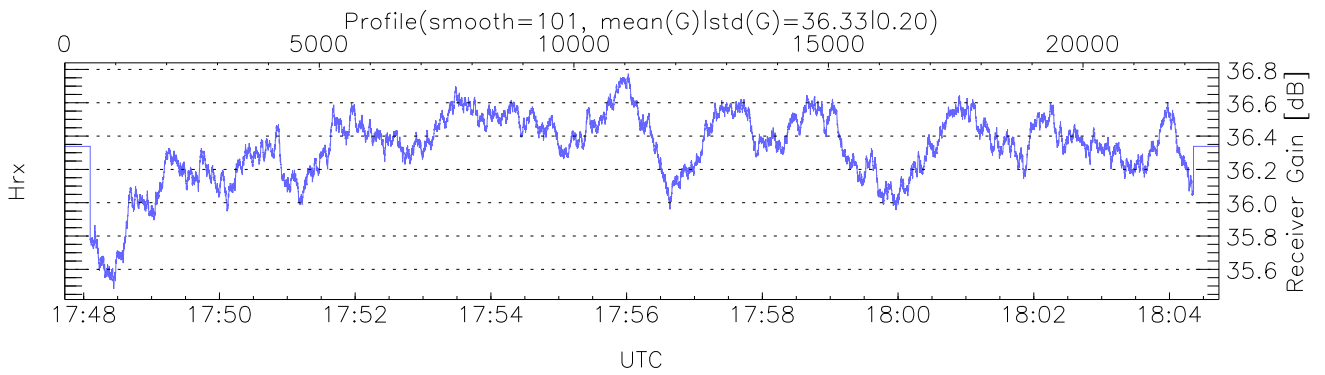
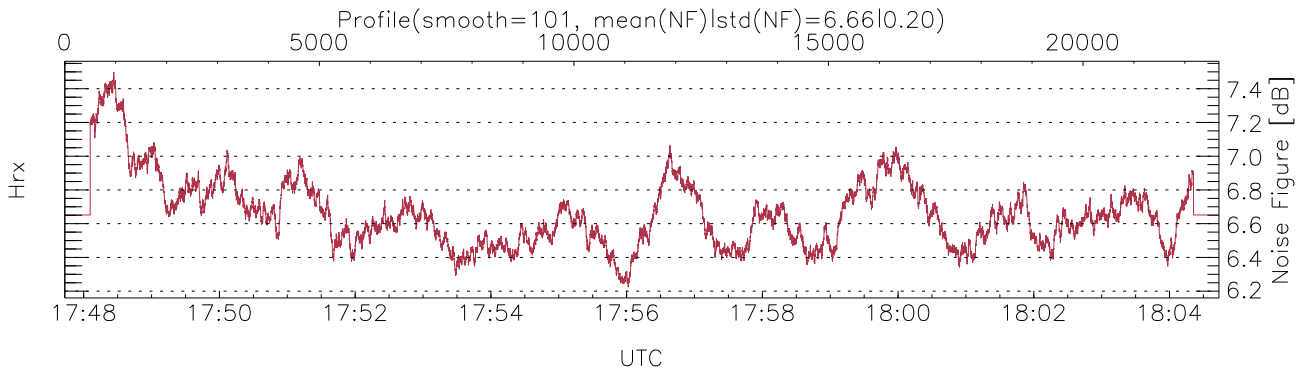
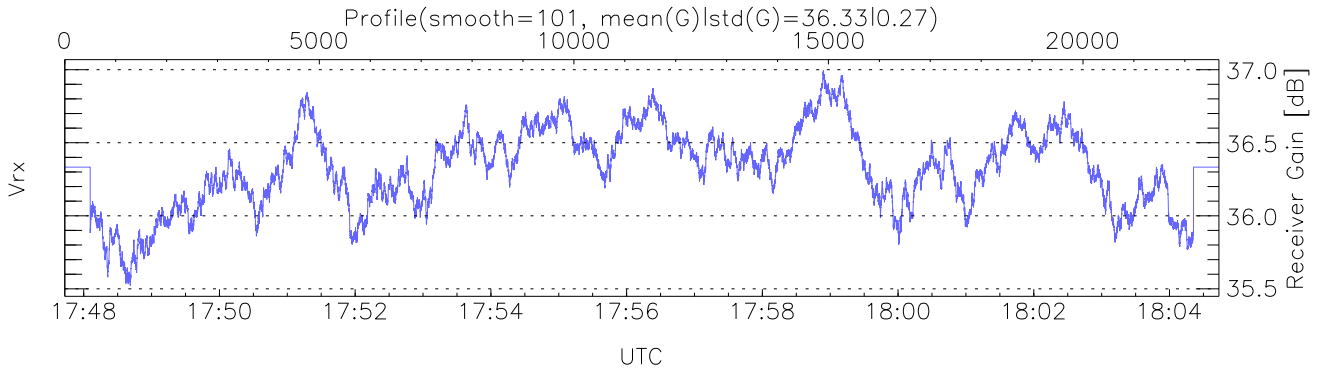
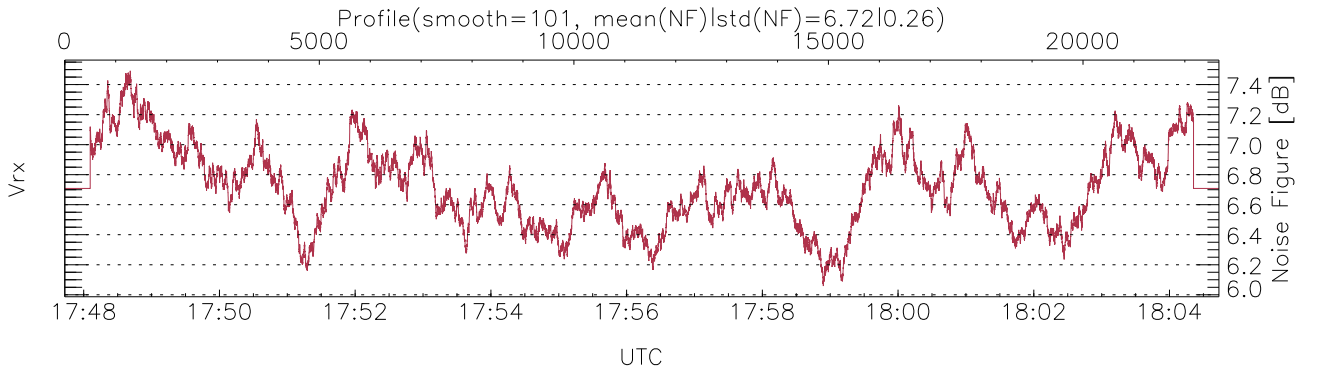
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:47:43-18:04:44, TimeCor: 0.00s, Dur: 1020.45s  
 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): 22672/22672, 0-22671/17:47:43-18:04:44  
 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



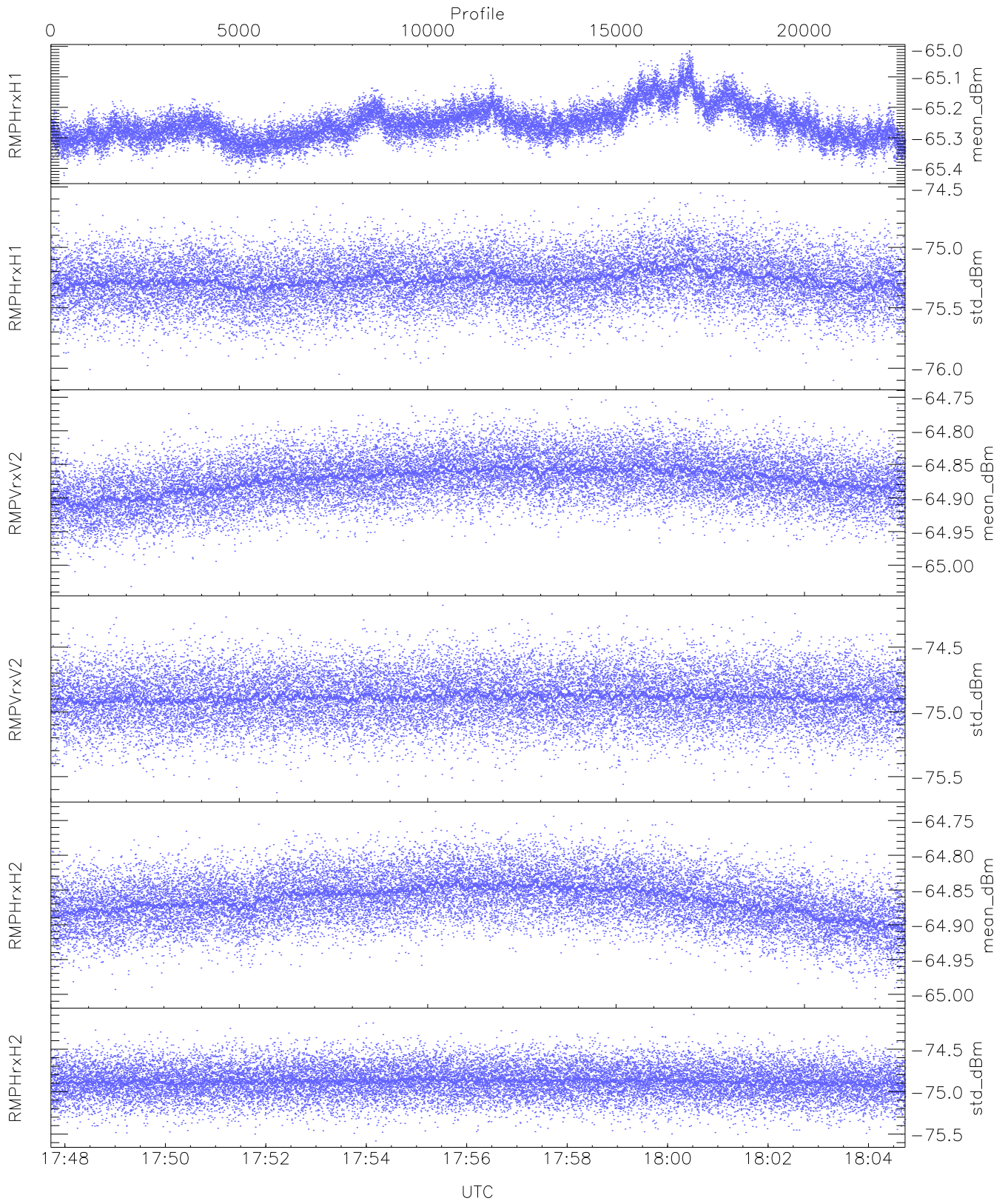
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,23,24,25`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,25,26,28`  
`LOalarm(20,240,2817,14861 MHz): 0,0,68,0`  
`EIK/Modulator Faults: None`



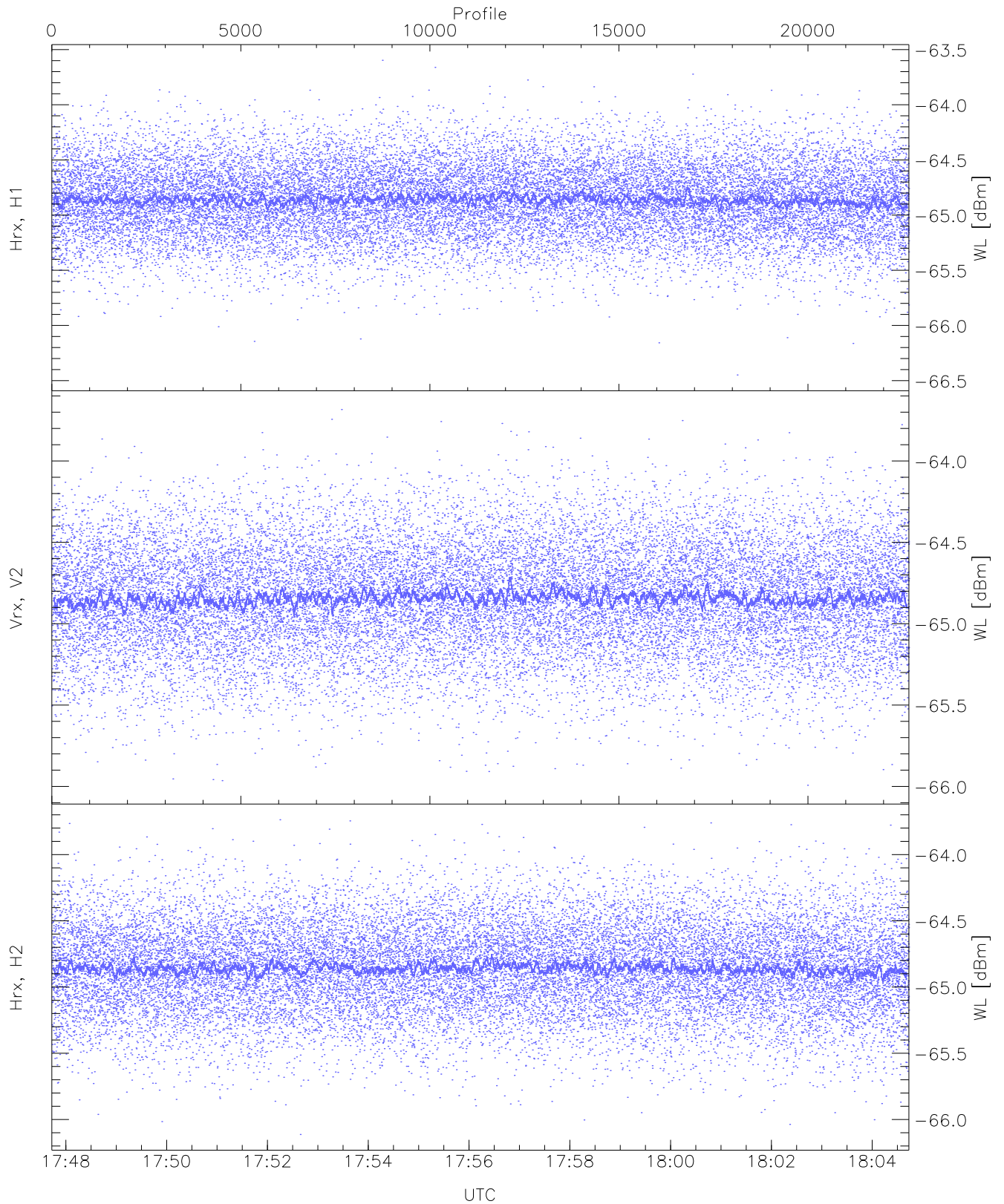
### WCR3 CPP Receivers Gain and Noise Figure

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



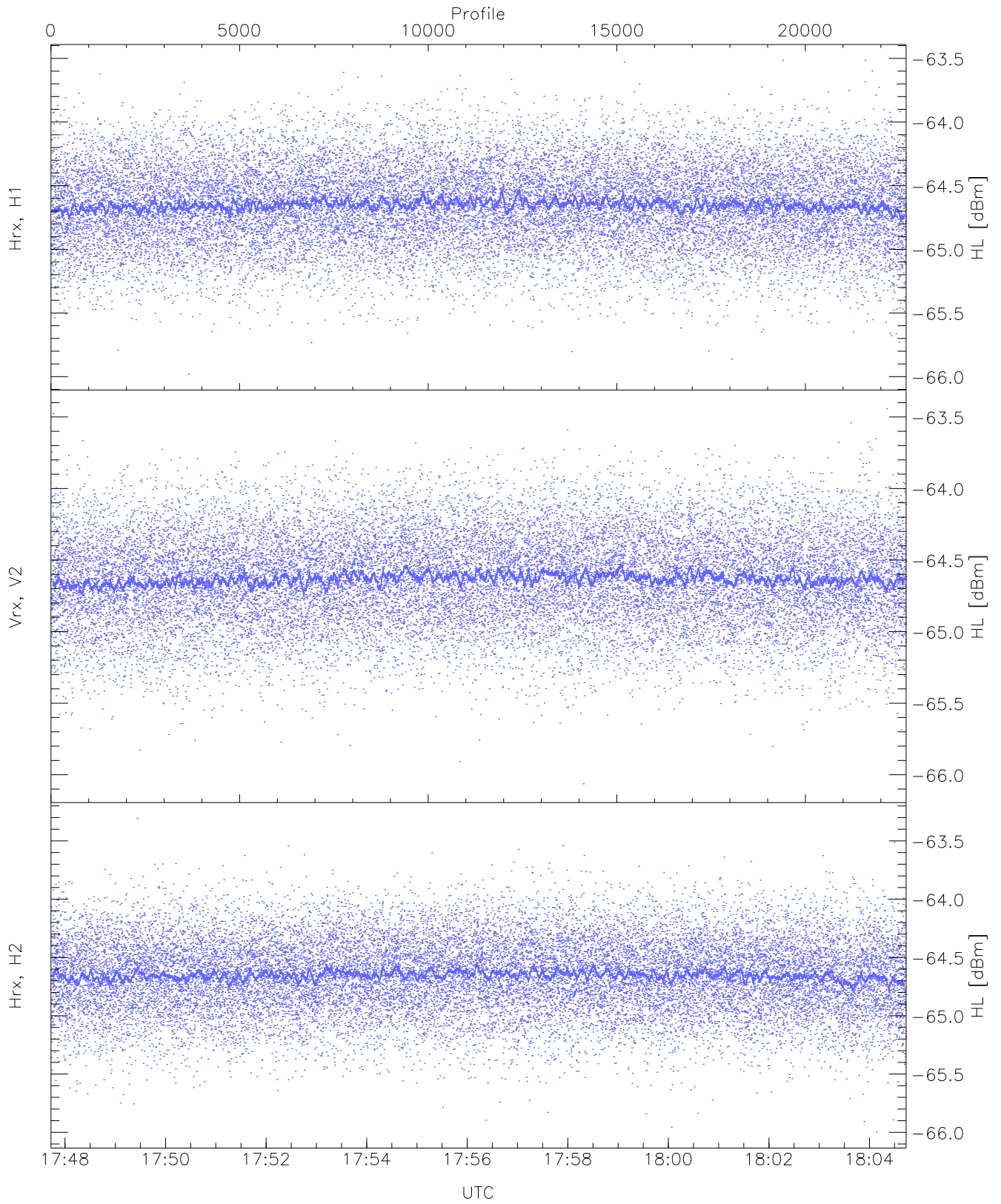
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.43	-65.01	-65.25	-65.26	-84.04
RMPHrxH1(std_dBm)	-76.10	-74.55	-75.27	-75.27	-88.92
RMPVrxV2(mean_dBm)	-65.03	-64.75	-64.87	-64.87	-85.95
RMPVrxV2(std_dBm)	-75.62	-74.18	-74.89	-74.89	-88.64
RMPHrxH2(mean_dBm)	-65.01	-64.74	-64.86	-64.86	-85.87
RMPHrxH2(std_dBm)	-75.58	-74.09	-74.88	-74.88	-88.66



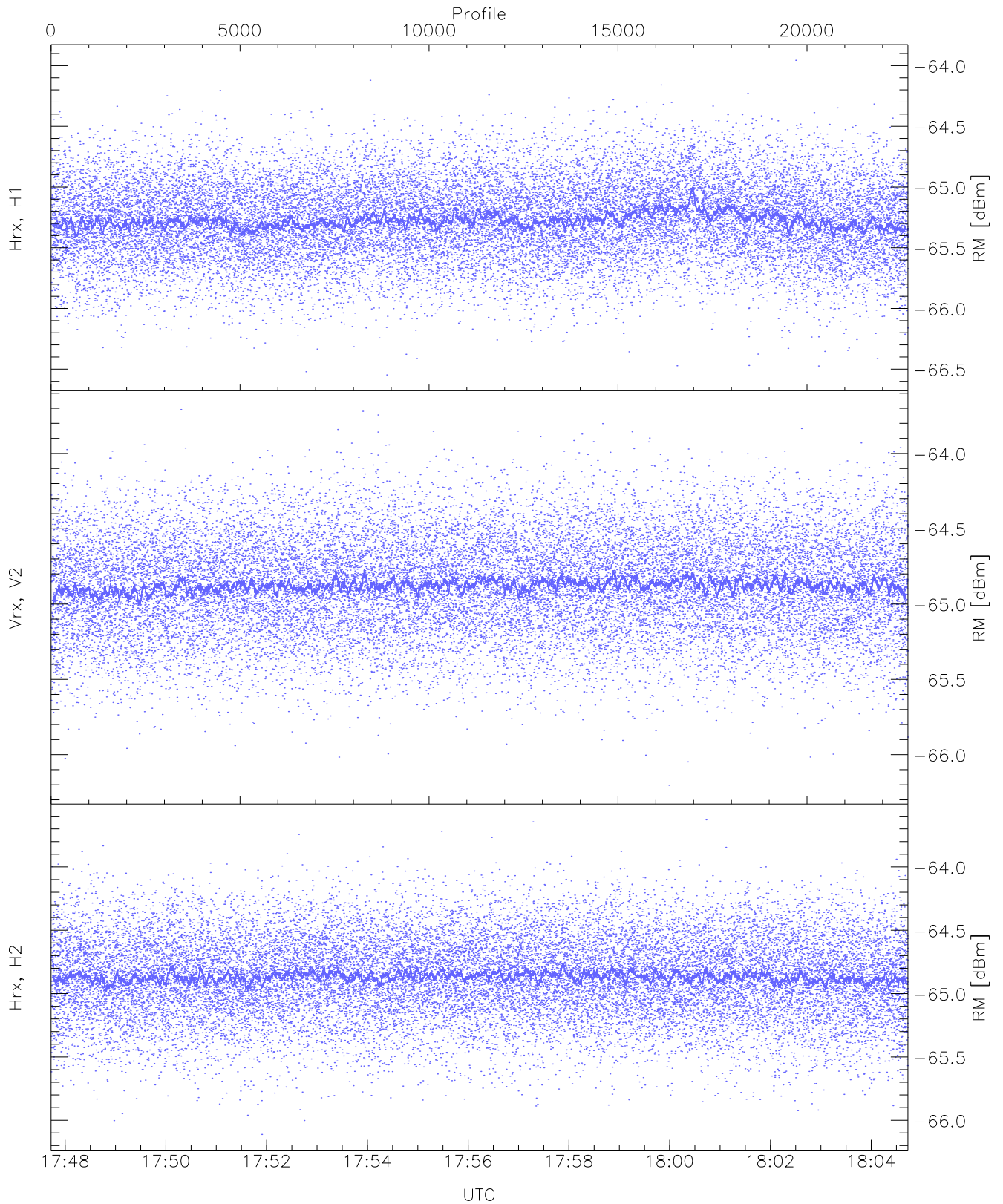
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.45	-63.60	-64.86	-64.86	-76.36
Vrx, V2 (WL [dBm])	-65.99	-63.68	-64.84	-64.84	-76.36
Hrx, H2 (WL [dBm])	-66.11	-63.74	-64.85	-64.86	-76.33



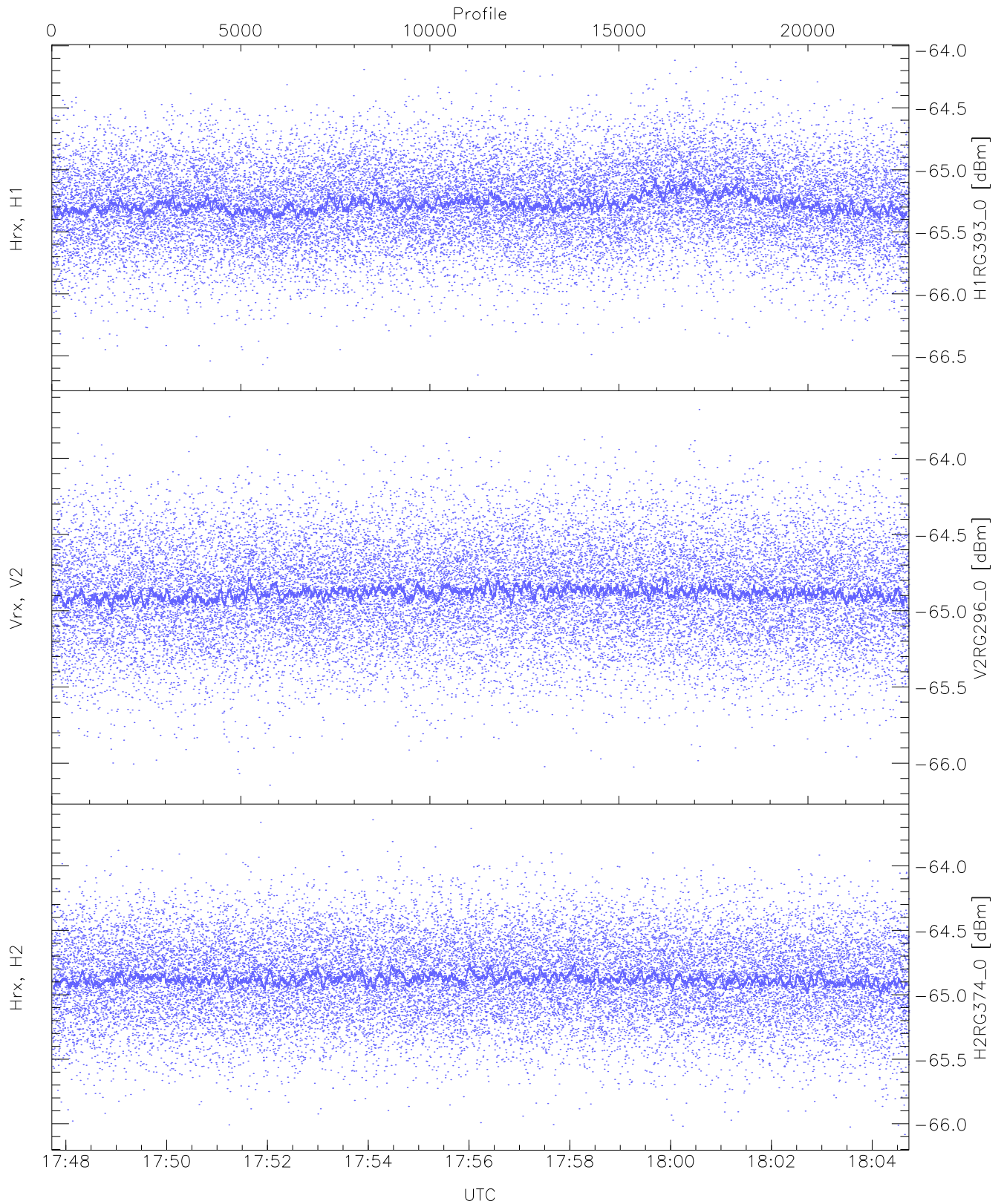
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.98	-63.51	-64.64	-64.65	-76.19
Vrx, V2 (HL [dBm])	-66.06	-63.44	-64.62	-64.63	-76.12
Hrx, H2 (HL [dBm])	-66.00	-63.31	-64.65	-64.65	-76.16



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

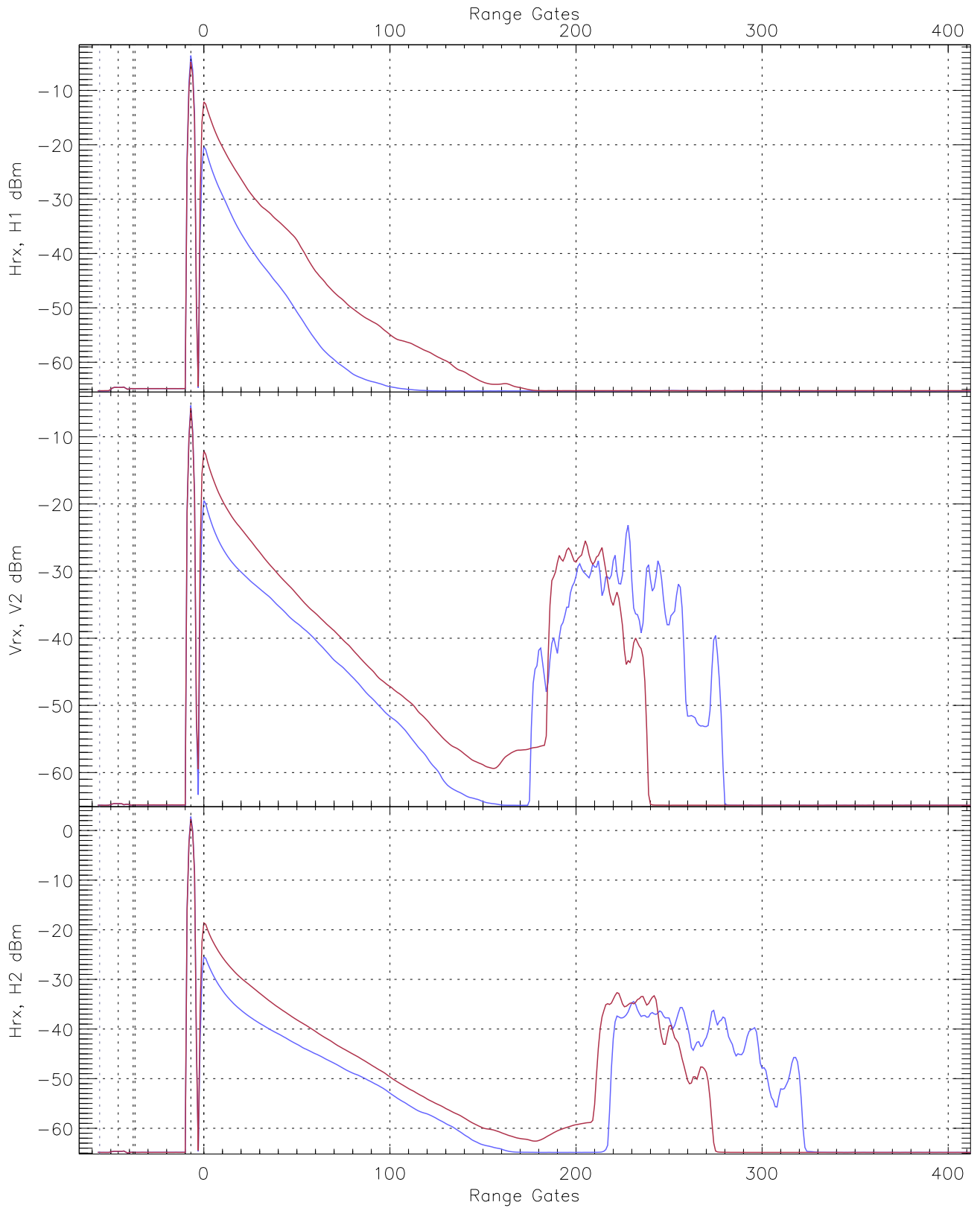
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.55	-63.96	-65.27	-65.27	-76.74
Vrx, V2 (RM [dBm])	-66.20	-63.71	-64.87	-64.88	-76.36
Hrx, H2 (RM [dBm])	-66.11	-63.63	-64.86	-64.87	-76.32



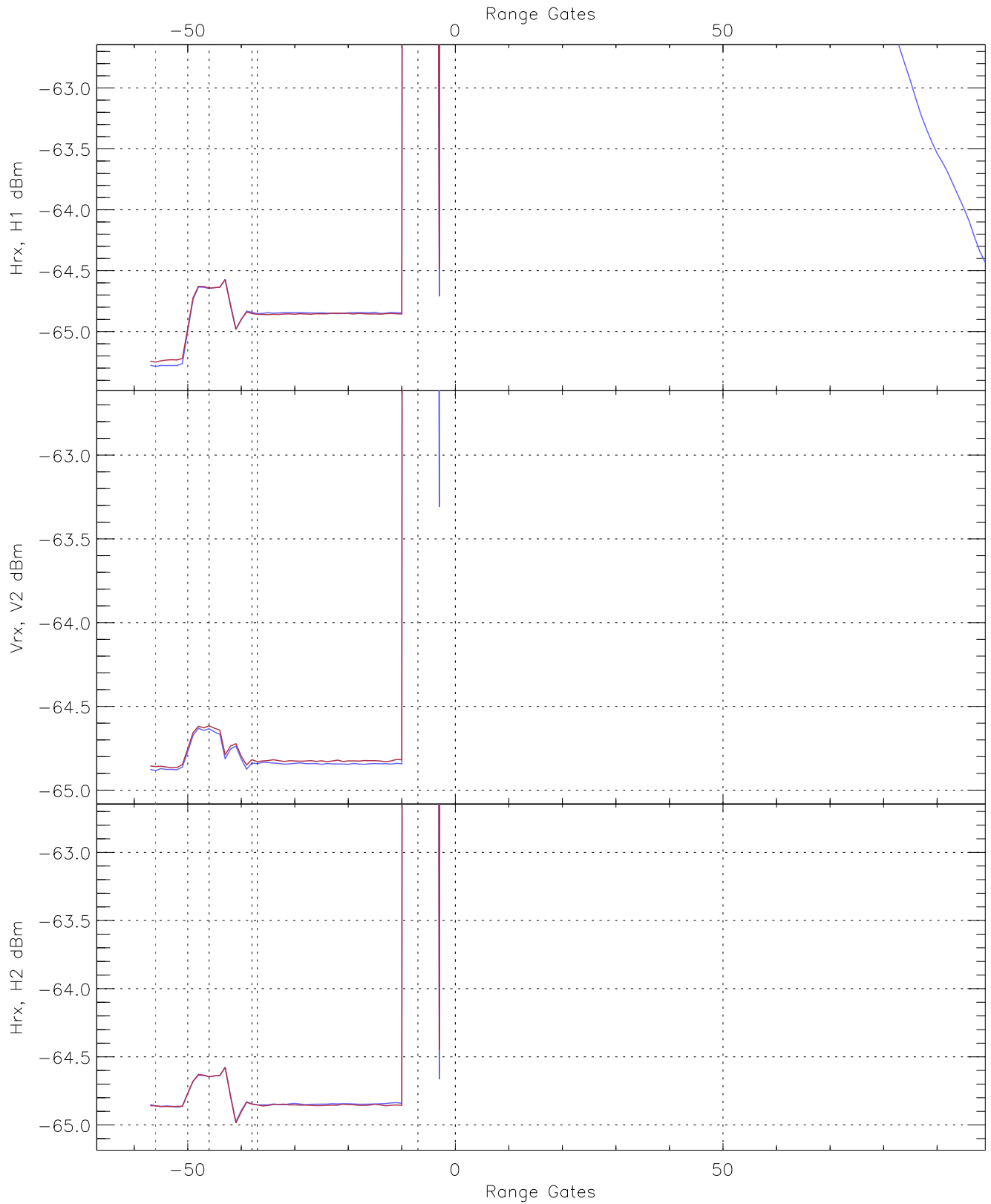
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG393_0 [dBm]	-66.65	-64.12	-65.27	-65.28	-76.69
V2RG296_0 [dBm]	-66.14	-63.68	-64.88	-64.89	-76.37
H2RG374_0 [dBm]	-66.08	-63.64	-64.87	-64.88	-76.38

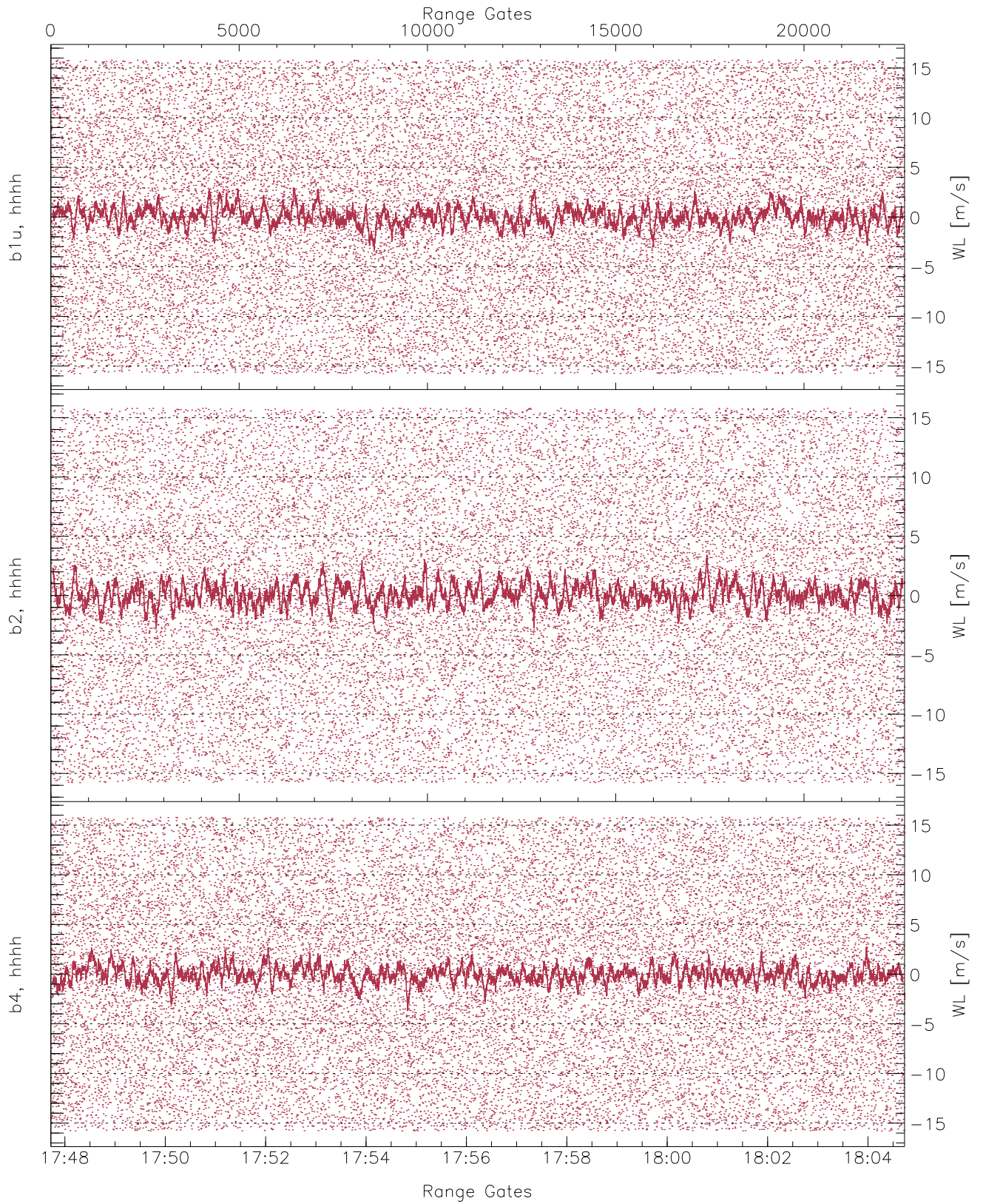




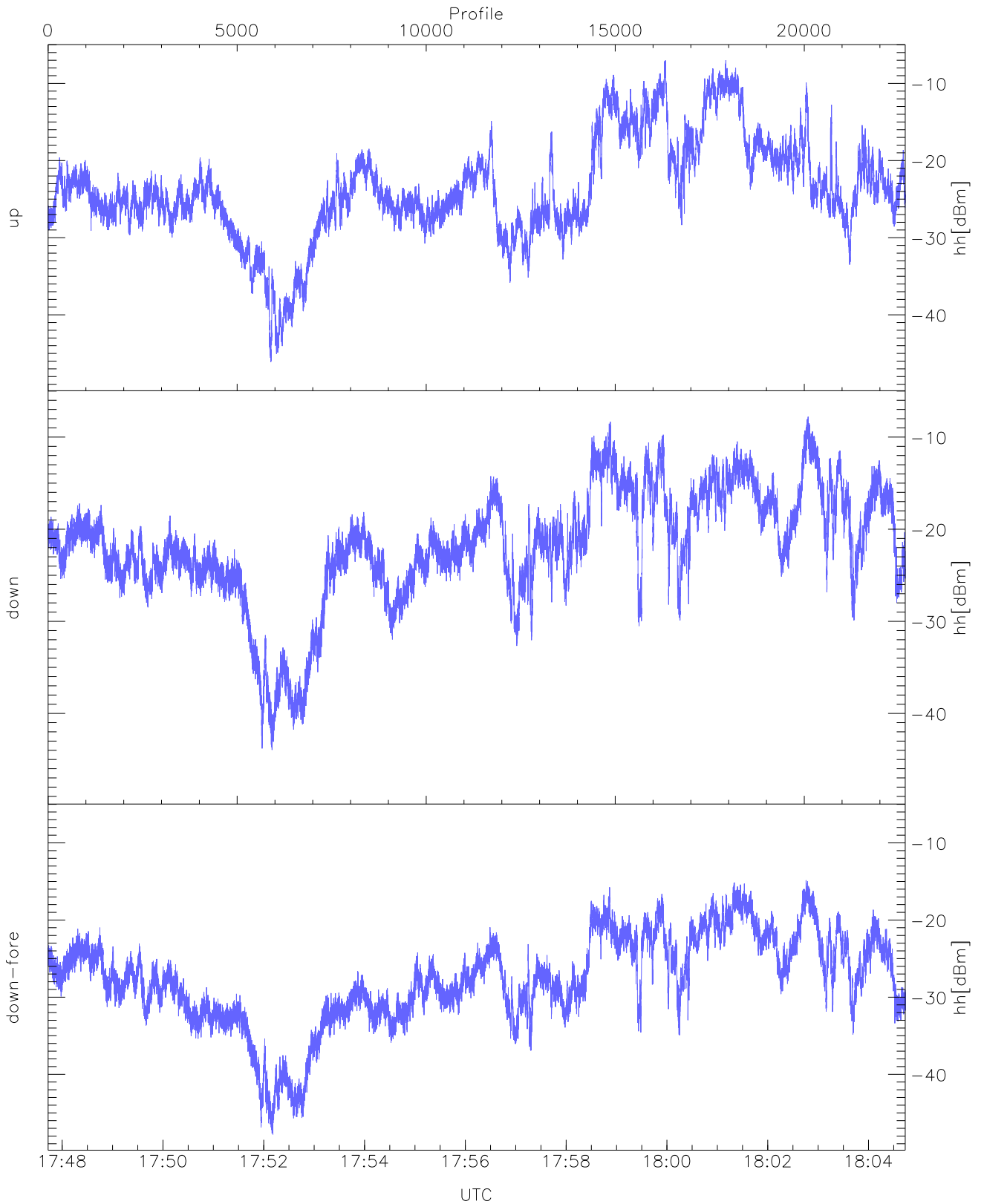
WCR3 CPP Averaged Received power for all recorded gates  
blue: 174743-175613, 11337 profiles averaged  
red: 175613-180444, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 174743-175613, 11337 profiles averaged  
red: 175613-180444, 11336 profiles averaged

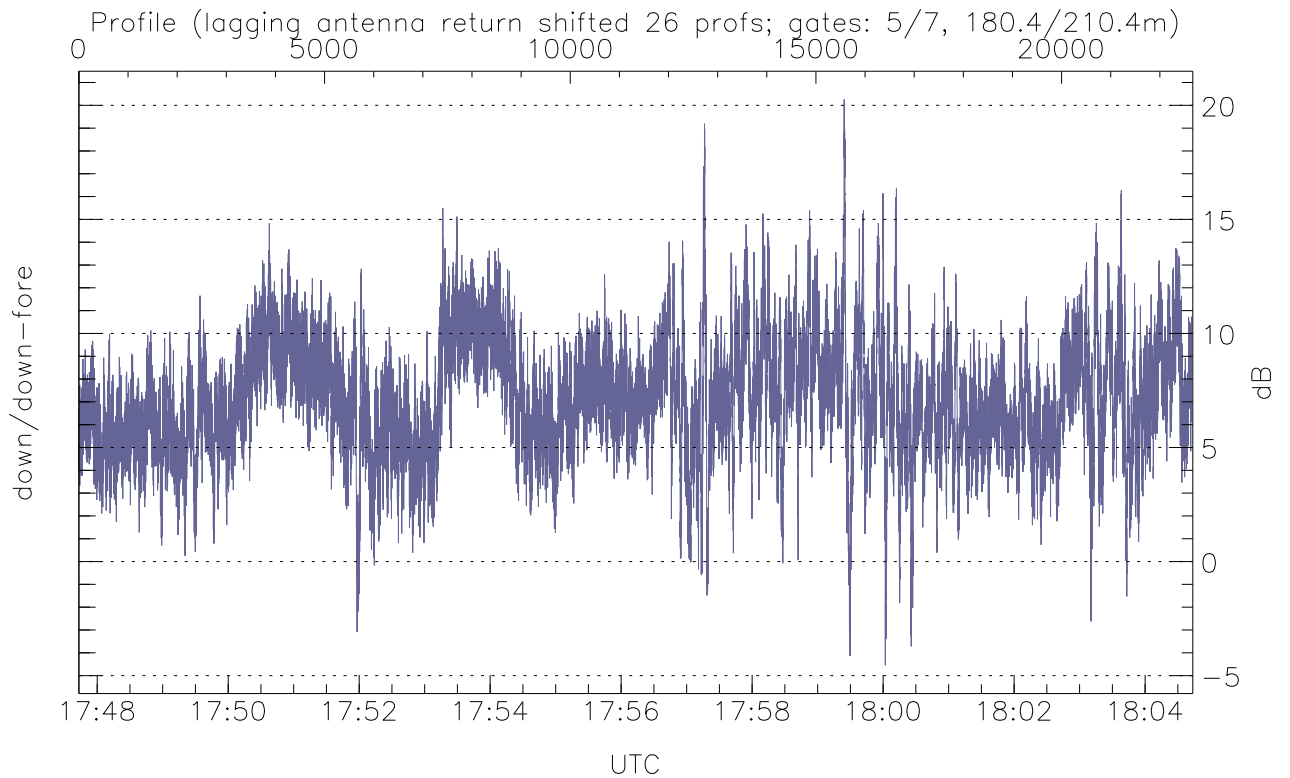
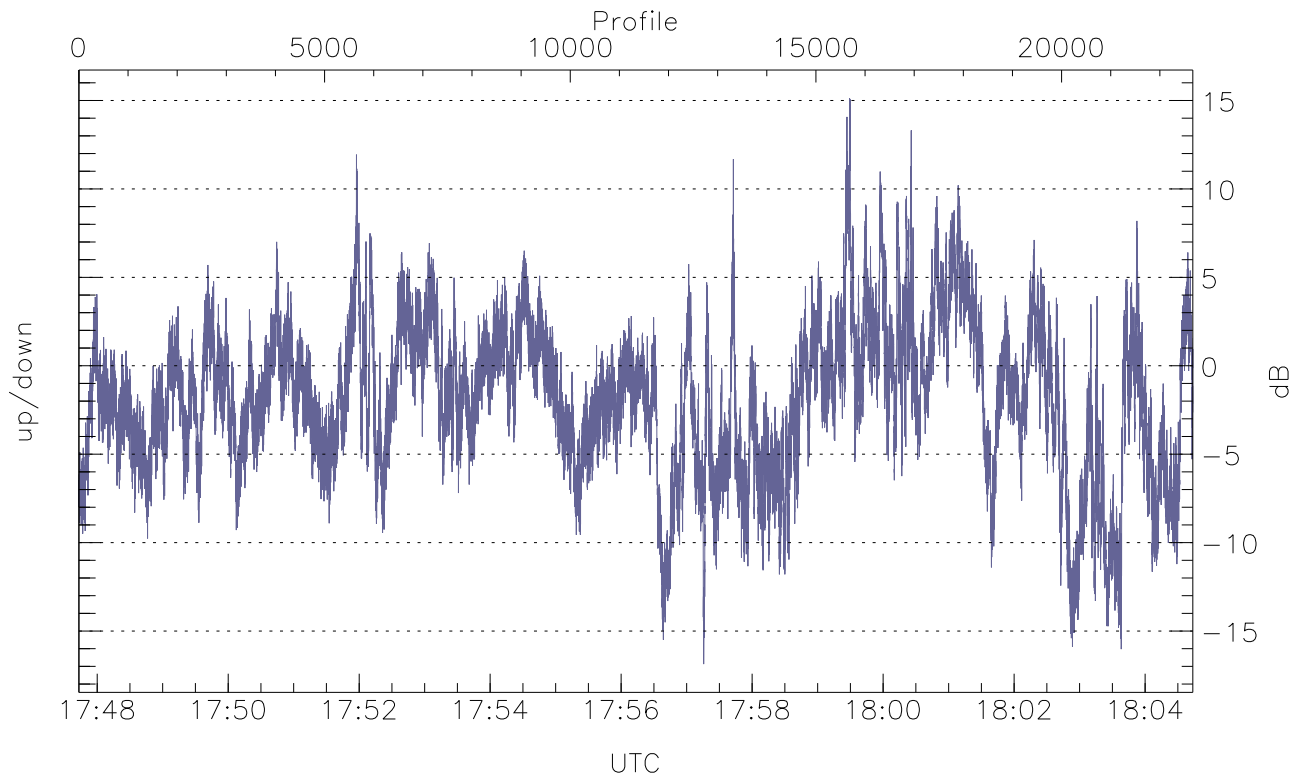


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



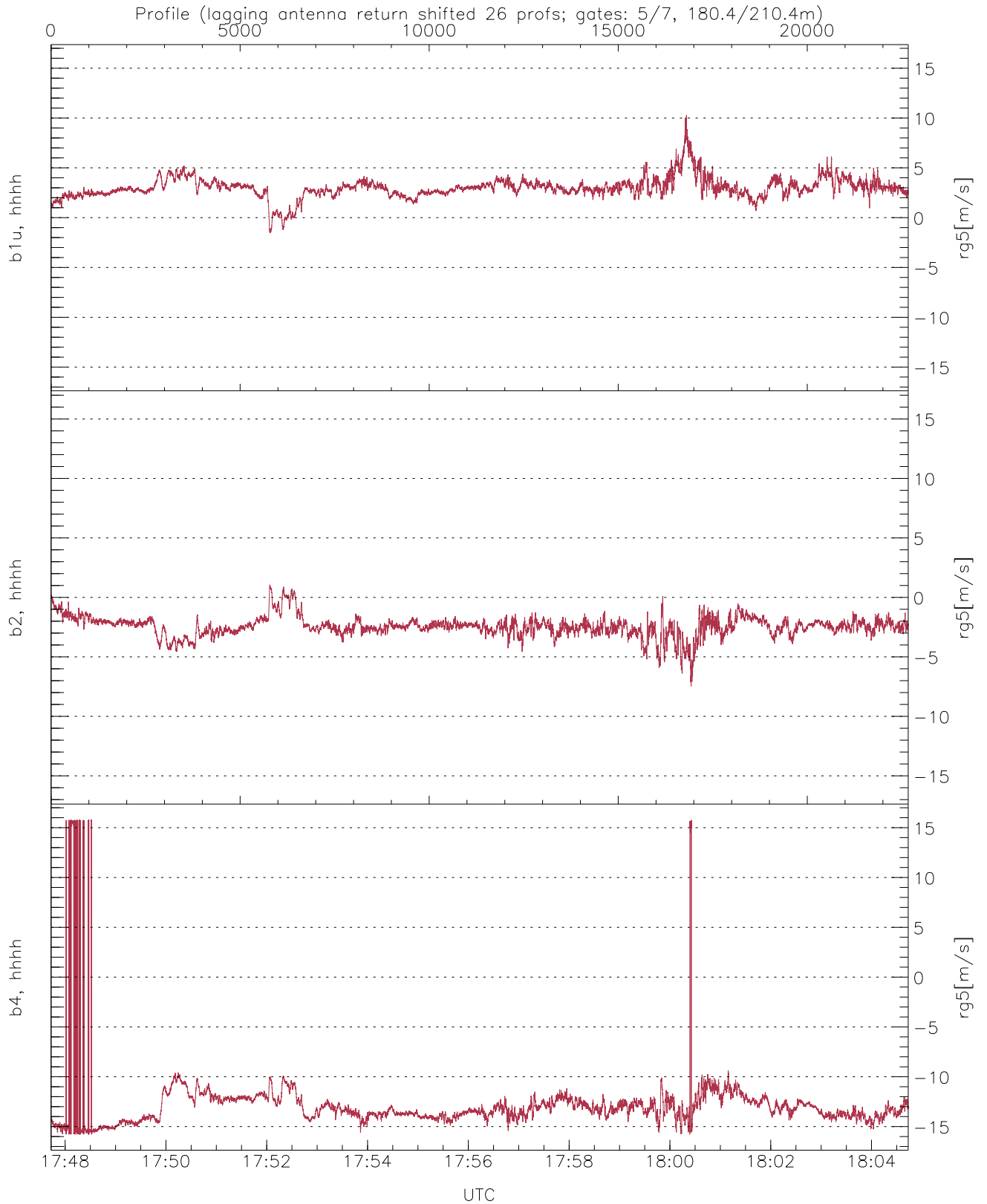
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-46.12	-7.00	-19.06
down(hh[dBm])	-43.96	-7.78	-18.55
down-fore(hh[dBm])	-47.80	-14.84	-24.62



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

	Min	Max	Mean
up/down (dB)	-16.87	15.12	-1.85
down/down-fore (dB)	-4.55	20.26	7.16



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.50	10.30	2.98	1.04
b2, hhhh(rg5[m/s])	-7.47	1.06	-2.45	0.86
b4, hhhh(rg5[m/s])	-15.79	15.79	-12.85	3.20