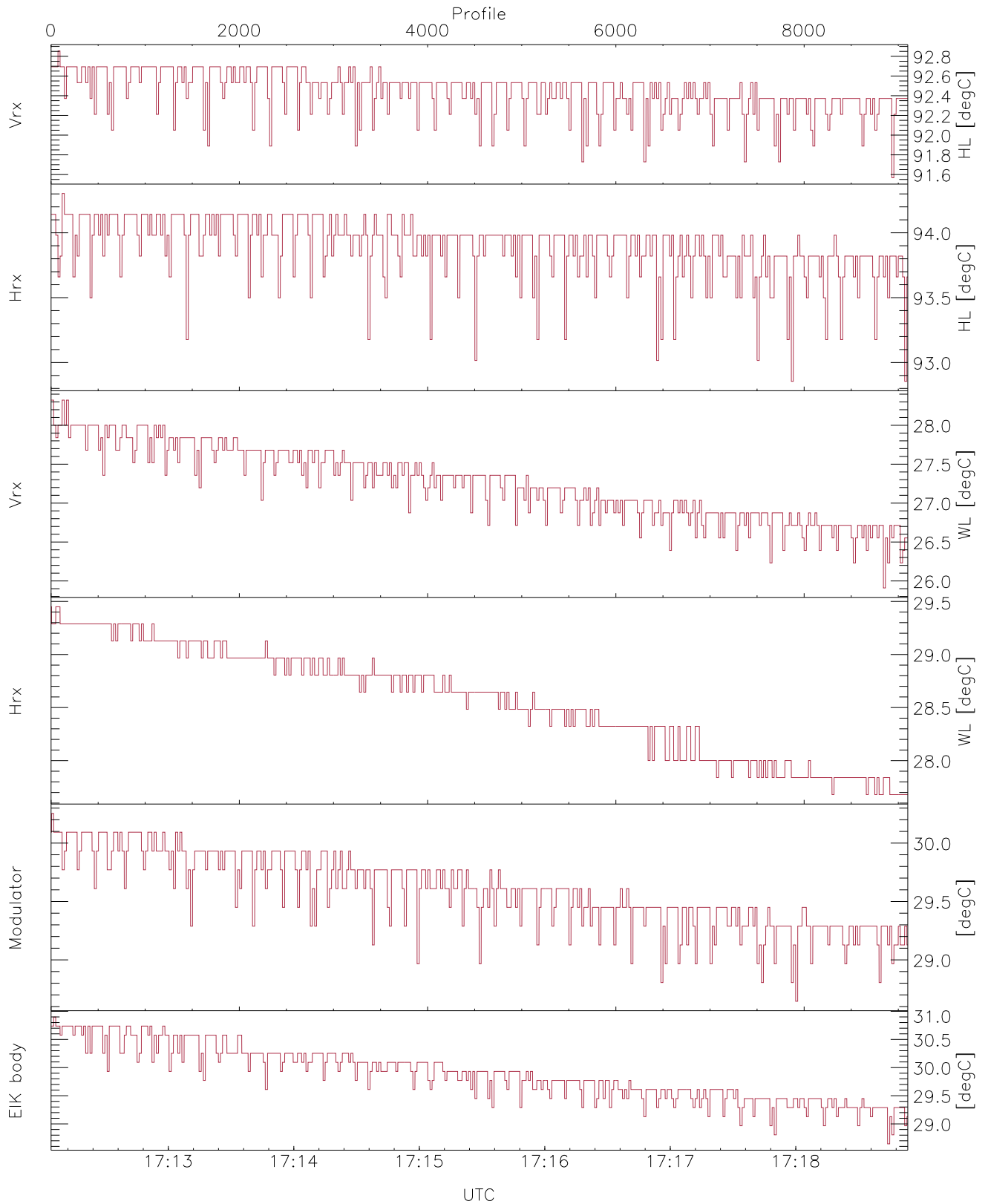


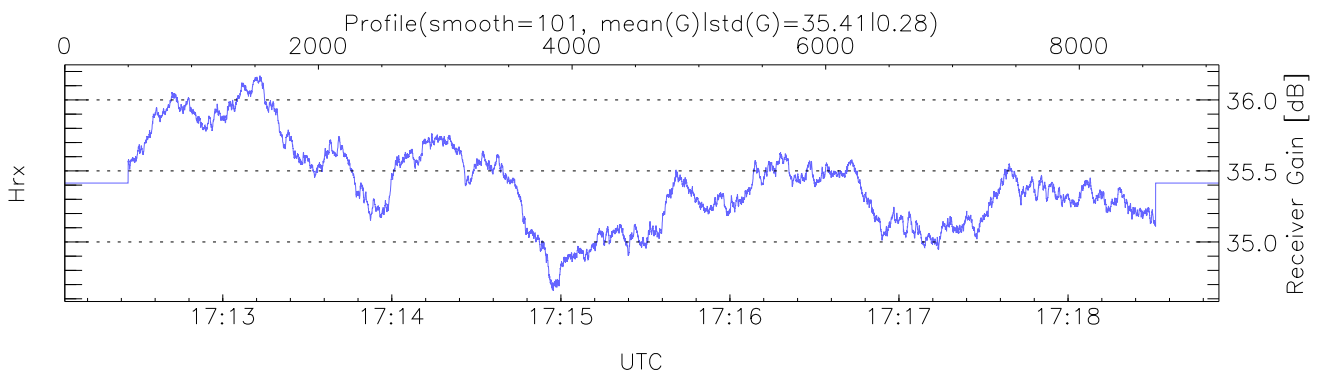
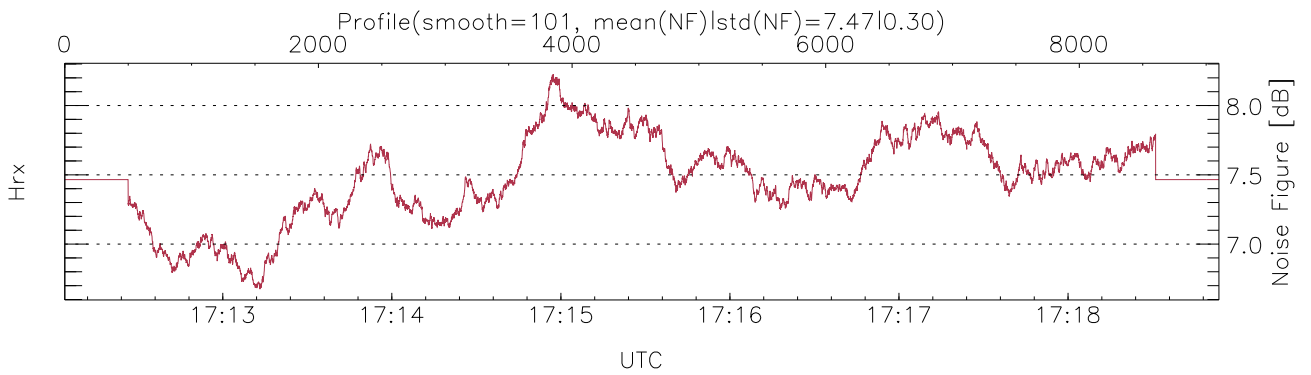
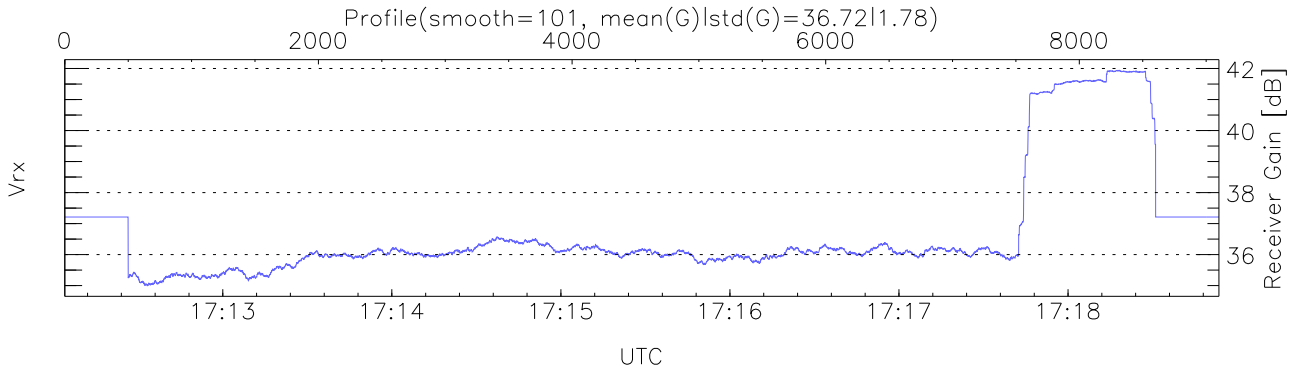
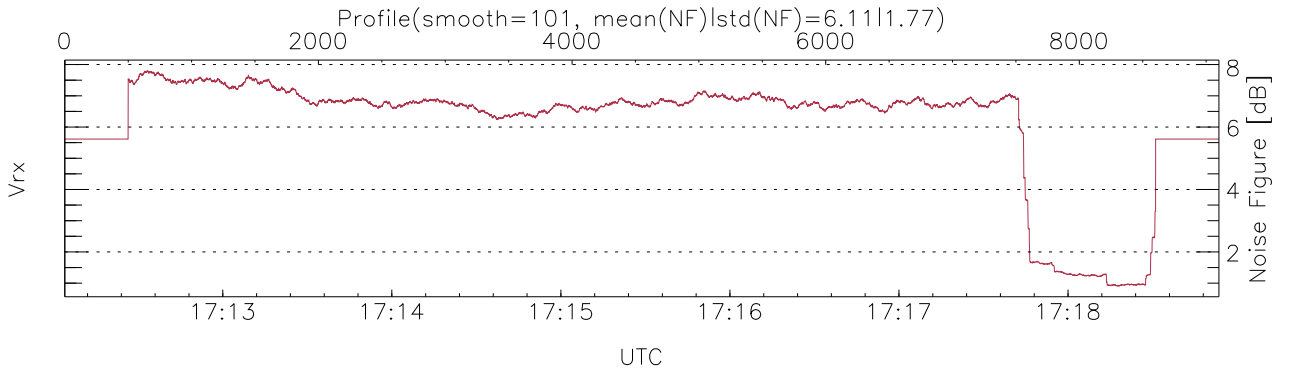
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:12:04-17:18:54, TimeCor: 0.00s, Dur: 409.65s  
 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): 9102/9102, 0-9101/17:12:04-17:18:54  
 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(-910112,3,9x = no mirror|sideluplerror): 1



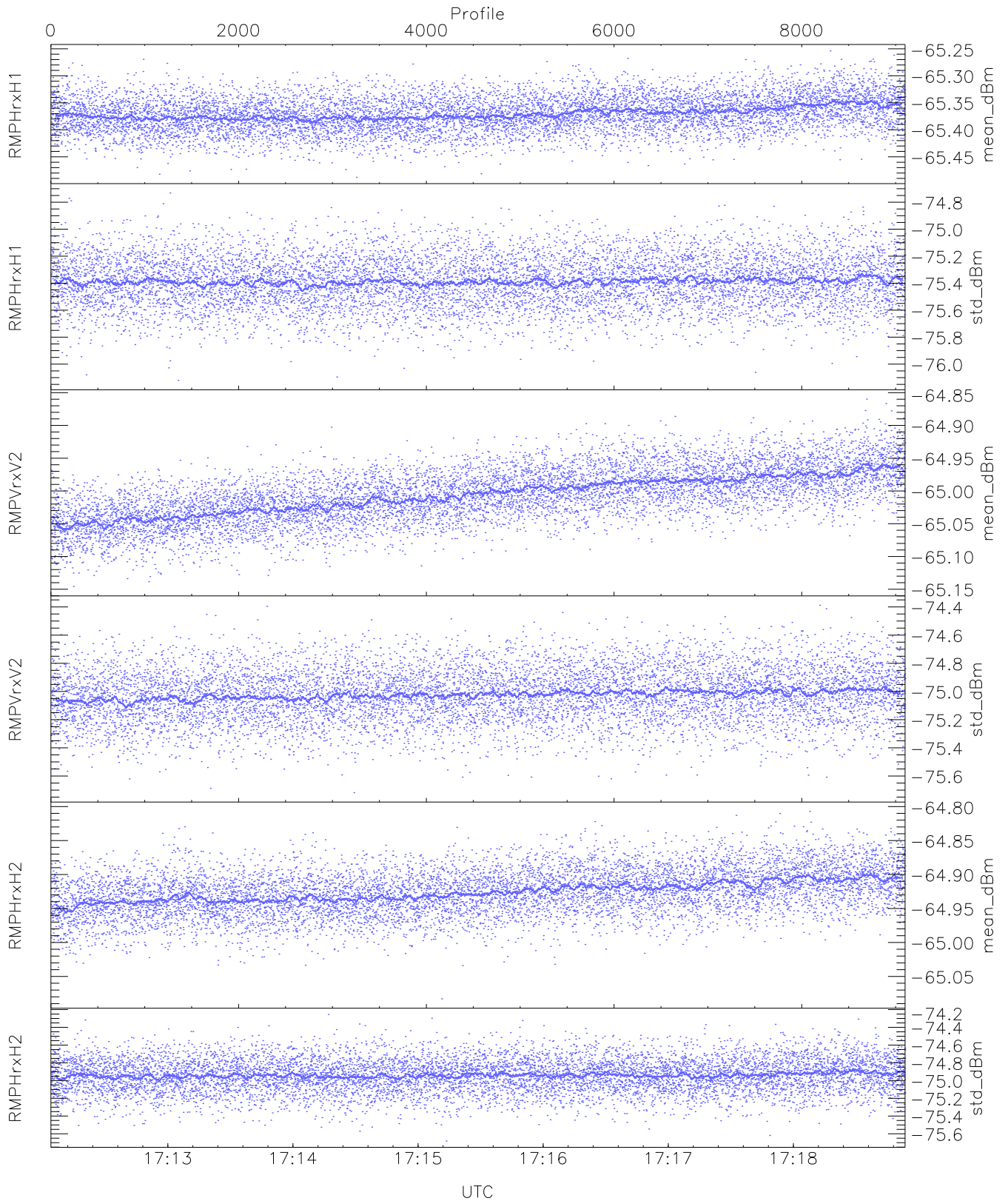
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,27,28,28  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,28,29,30,30  
LOalarm(20,240,2817,14861 MHz): 0,0,24,0  
EIK/Modulator Faults: None



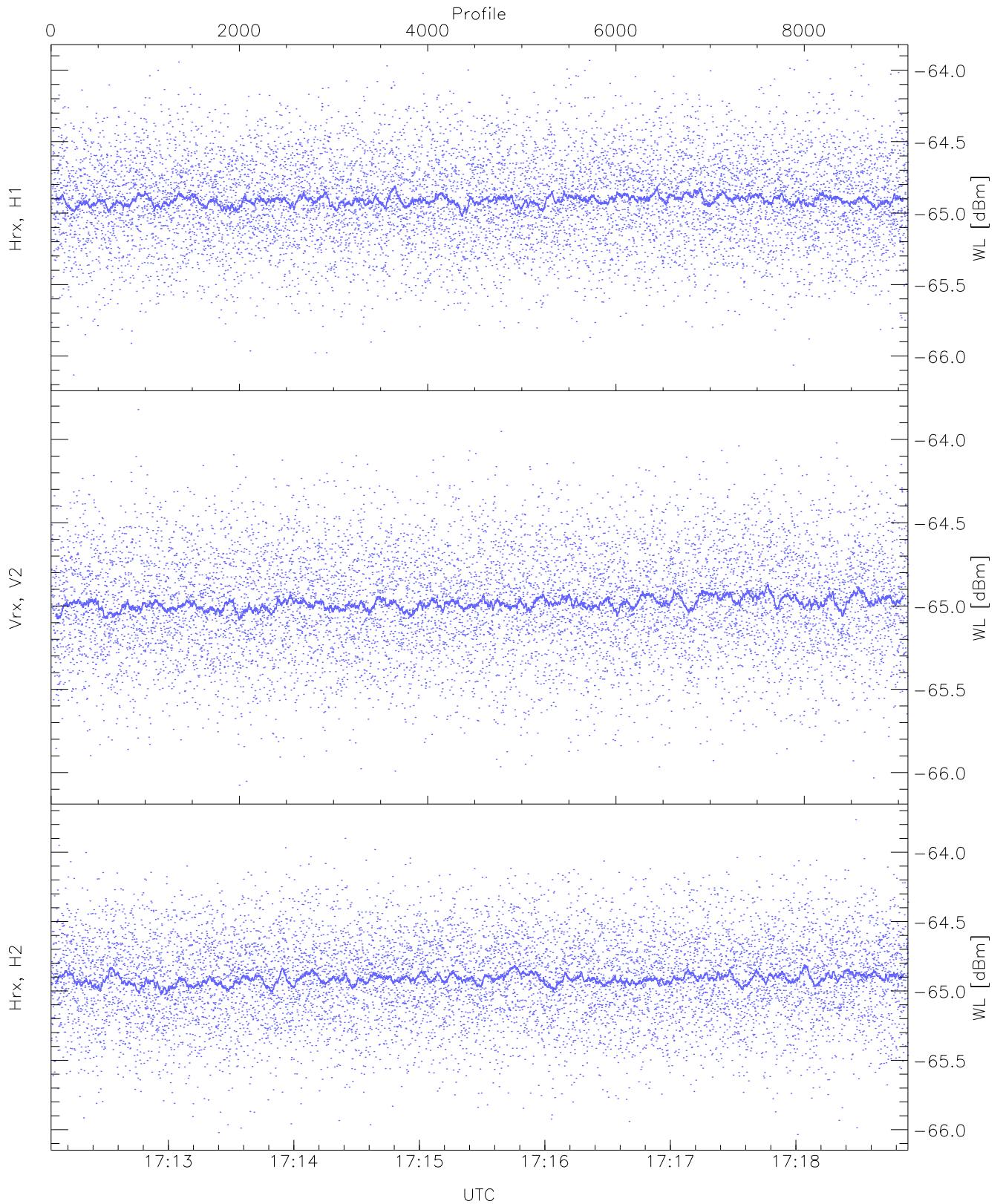
### WCR3 CPP Receivers Gain and Noise Figure

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



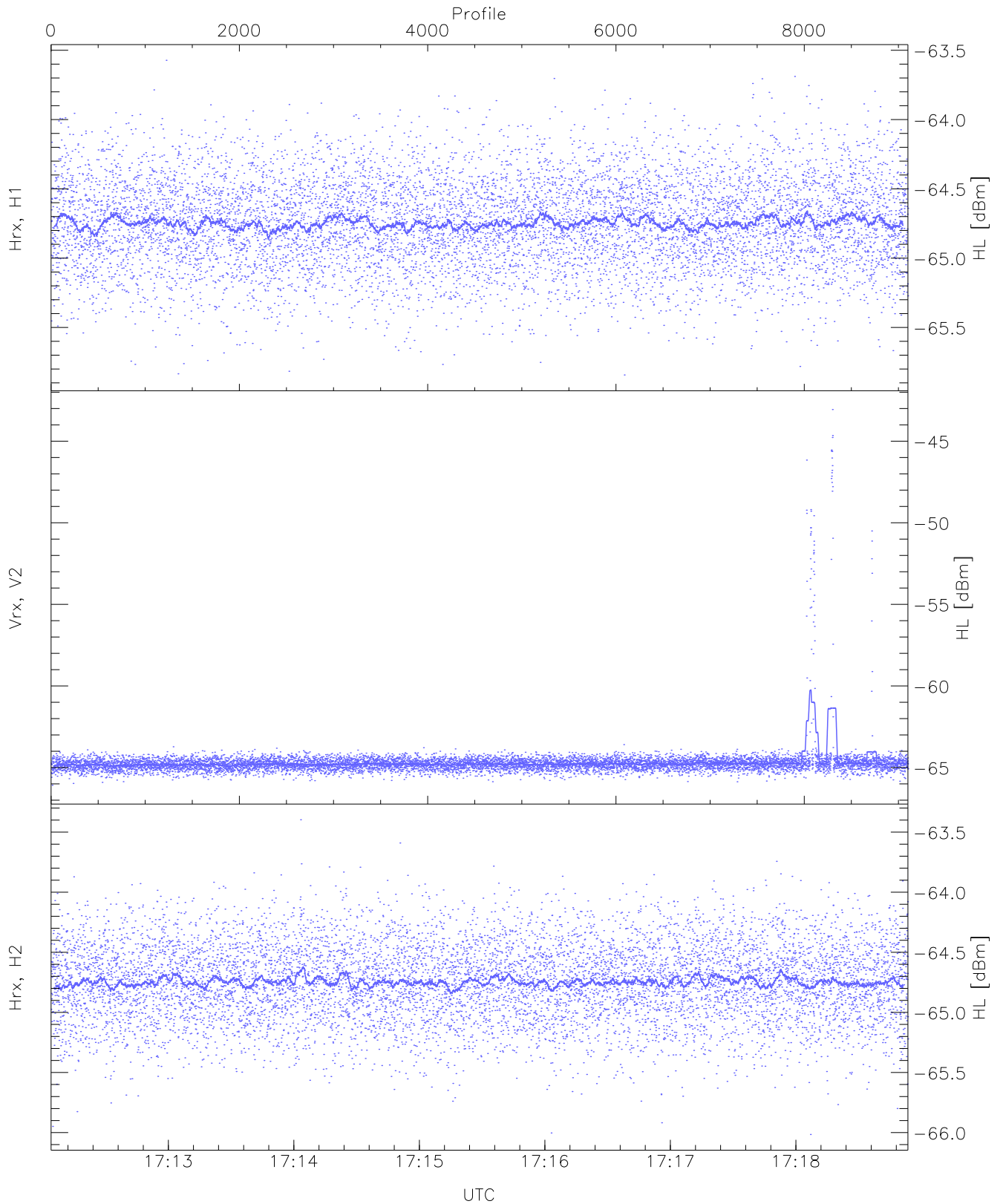
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.49	-65.25	-65.37	-65.37	-86.77
RMPHrxH1 (std_dBm)	-76.12	-74.73	-75.39	-75.39	-89.18
RMPVrxV2 (mean_dBm)	-65.15	-64.86	-65.01	-65.01	-85.35
RMPVrxV2 (std_dBm)	-75.72	-74.39	-75.02	-75.02	-88.81
RMPHrxH2 (mean_dBm)	-65.08	-64.81	-64.93	-64.93	-86.20
RMPHrxH2 (std_dBm)	-75.68	-74.26	-74.94	-74.94	-88.73



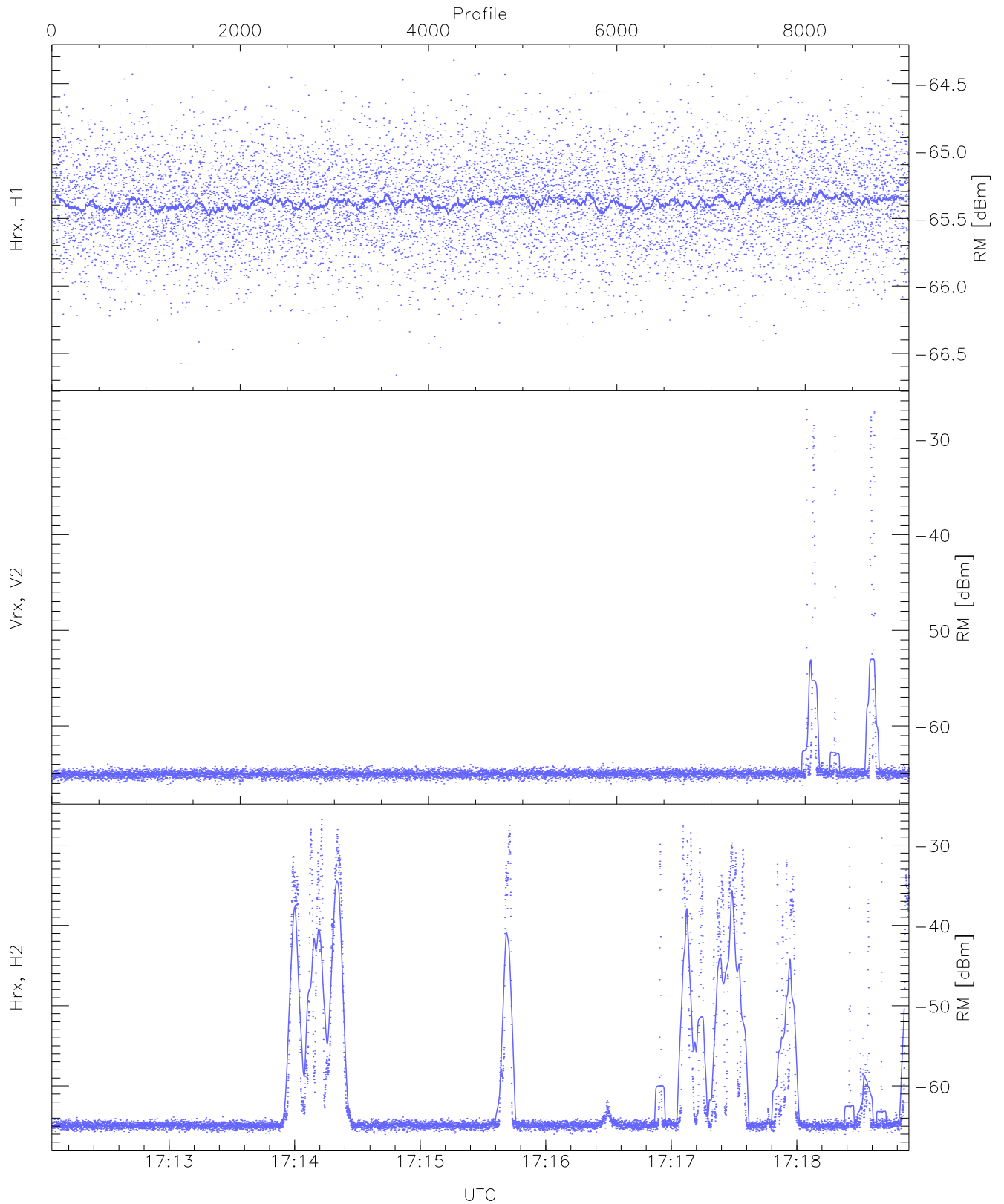
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.13	-63.93	-64.90	-64.91	-76.40
Vrx, V2 (WL [dBm])	-66.08	-63.82	-64.98	-64.99	-76.46
Hrx, H2 (WL [dBm])	-66.03	-63.77	-64.90	-64.90	-76.37



WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

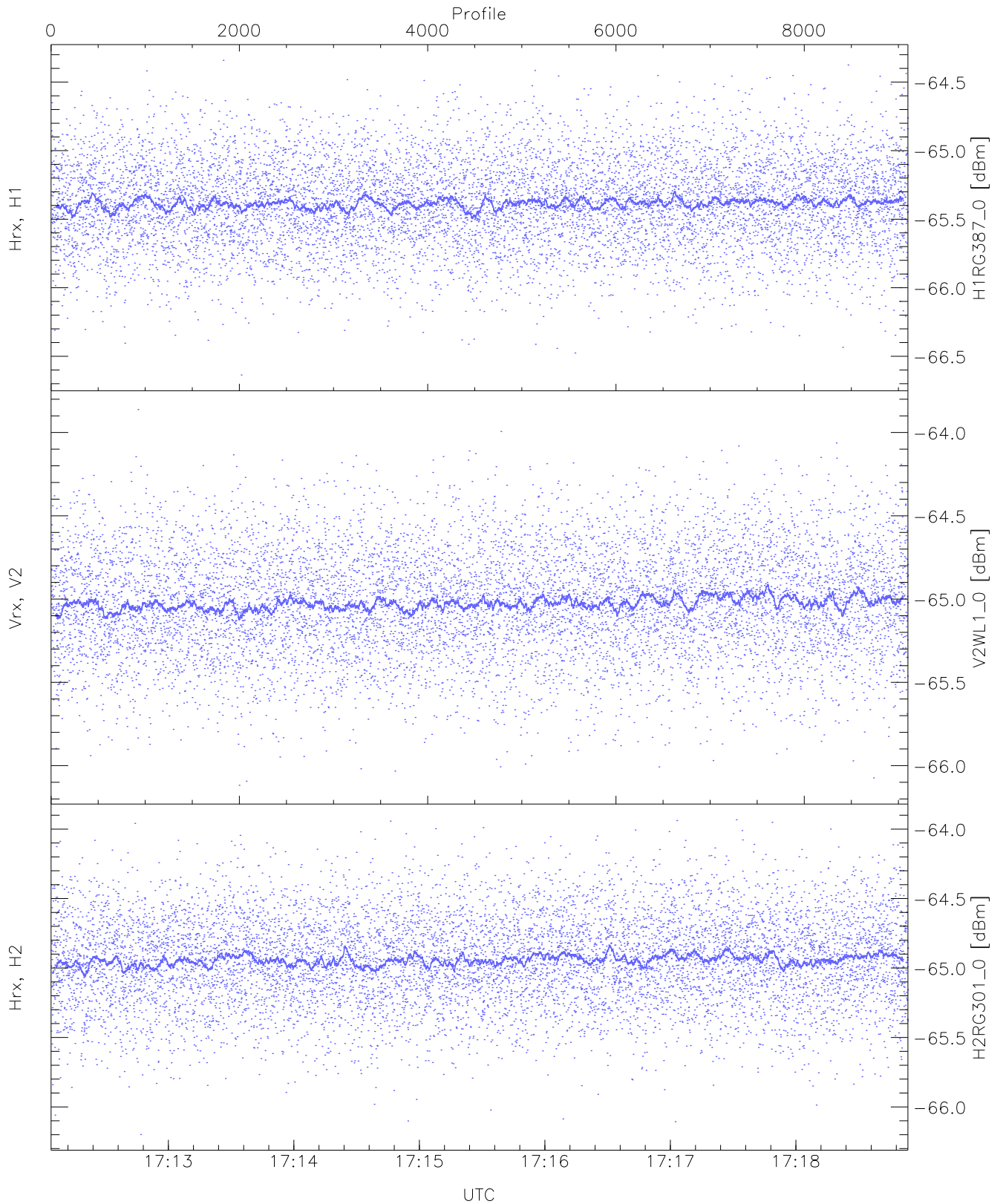
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.84	-63.57	-64.74	-64.75	-76.22
Vrx, V2 (HL [dBm])	-66.09	-43.06	-63.92	-64.79	-59.18
Hrx, H2 (HL [dBm])	-66.02	-63.40	-64.74	-64.74	-76.23



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.66	-64.33	-65.37	-65.37	-76.87
Vrx, V2 (RM [dBm])	-66.19	-26.91	-52.78	-65.00	-41.26
Hrx, H2 (RM [dBm])	-66.03	-26.84	-44.37	-64.76	-38.17

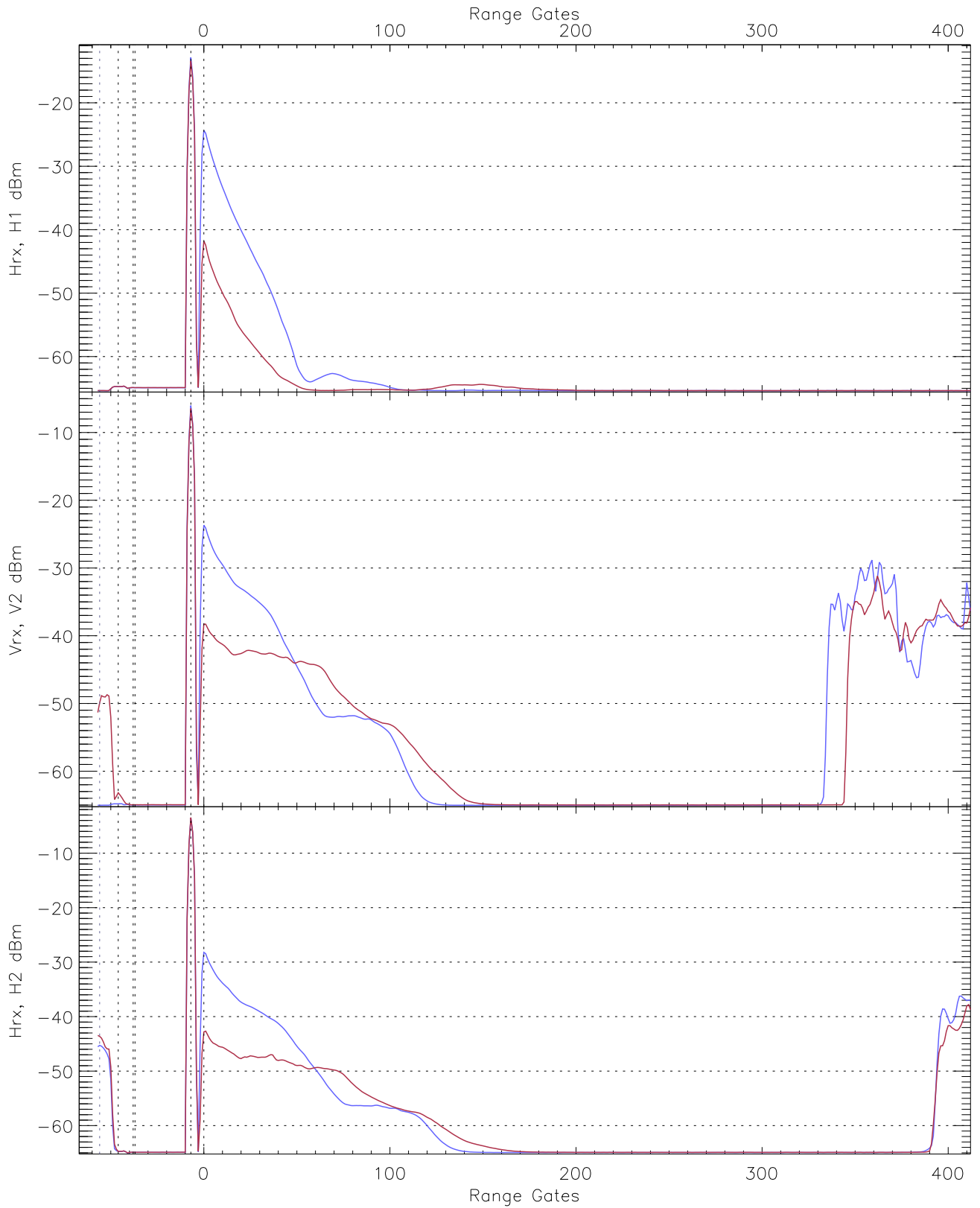




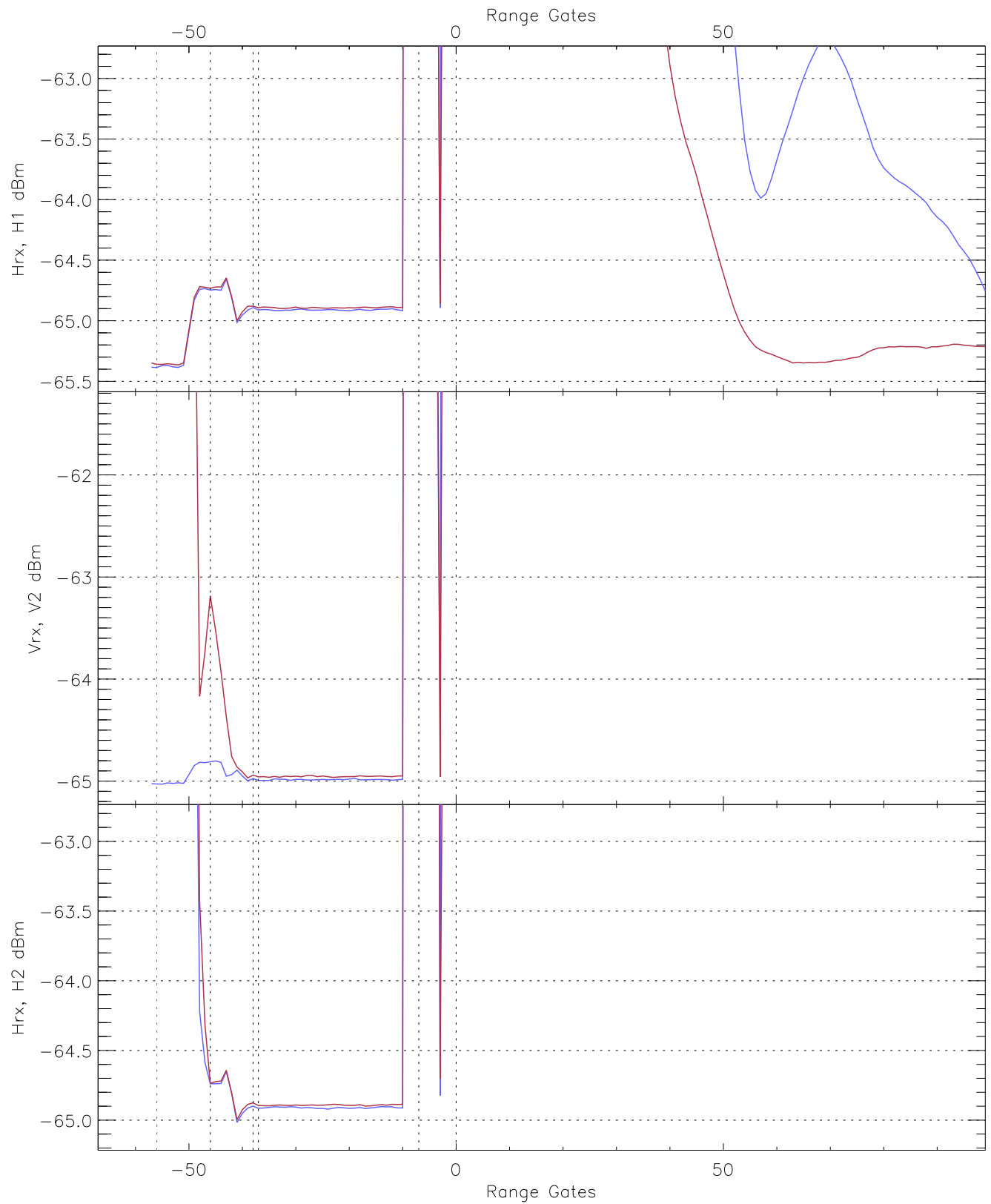
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG387_0 [dBm]	-66.64	-64.34	-65.38	-65.39	-76.87
V2WL1_0 [dBm]	-66.12	-63.86	-65.02	-65.03	-76.50
H2RG301_0 [dBm]	-66.20	-63.93	-64.93	-64.94	-76.39

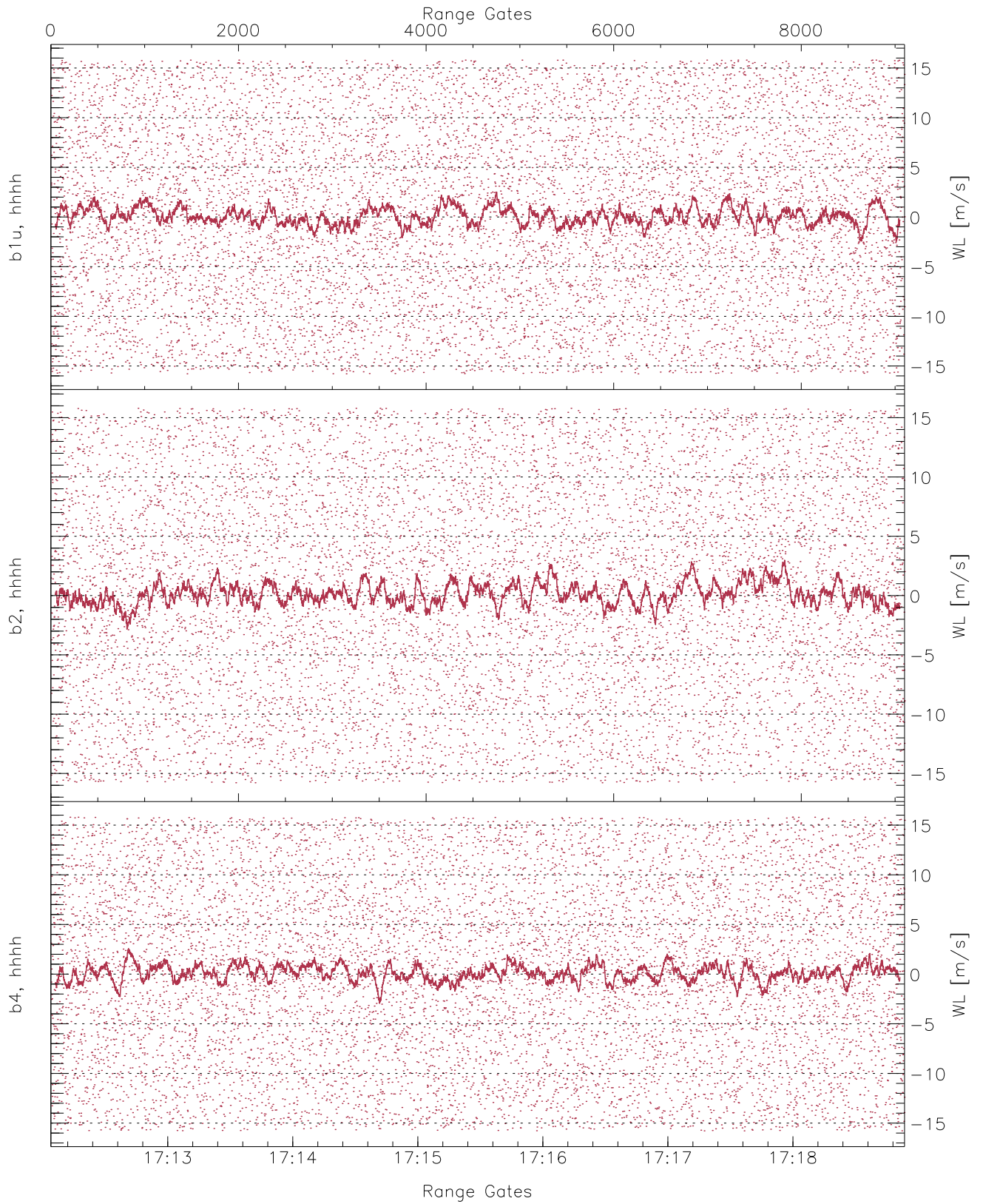




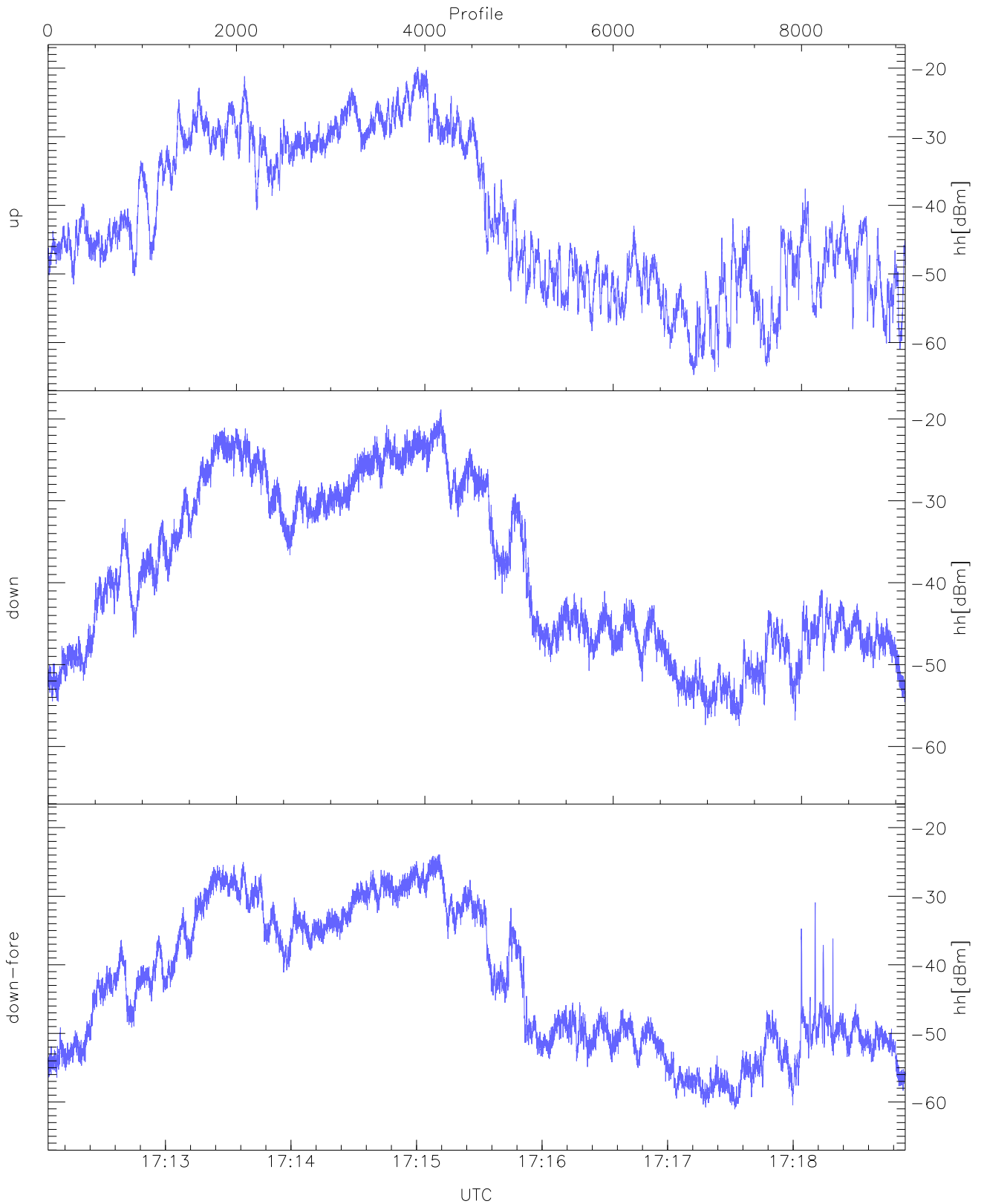
WCR3 CPP Averaged Received power for all recorded gates  
blue: 171204-171529, 4552 profiles averaged  
red: 171529-171854, 4551 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 171204-171529, 4552 profiles averaged  
red: 171529-171854, 4551 profiles averaged

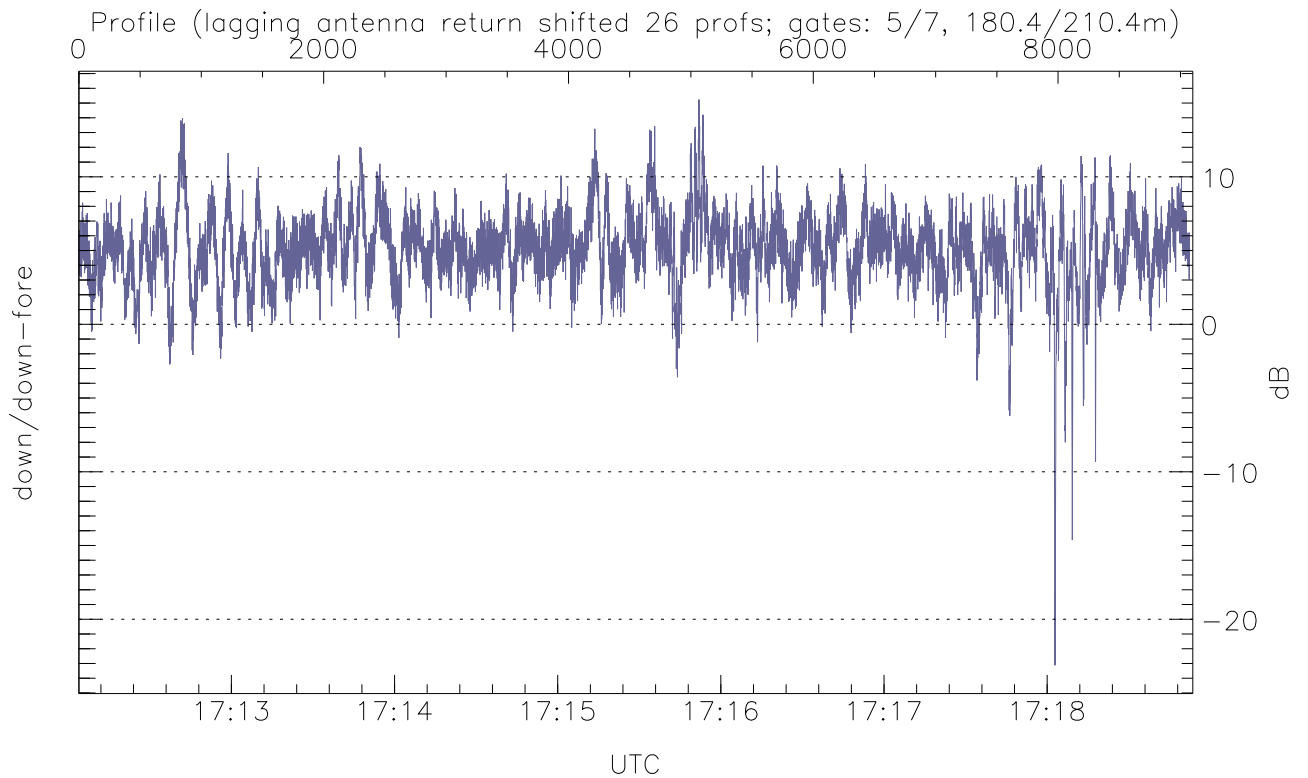
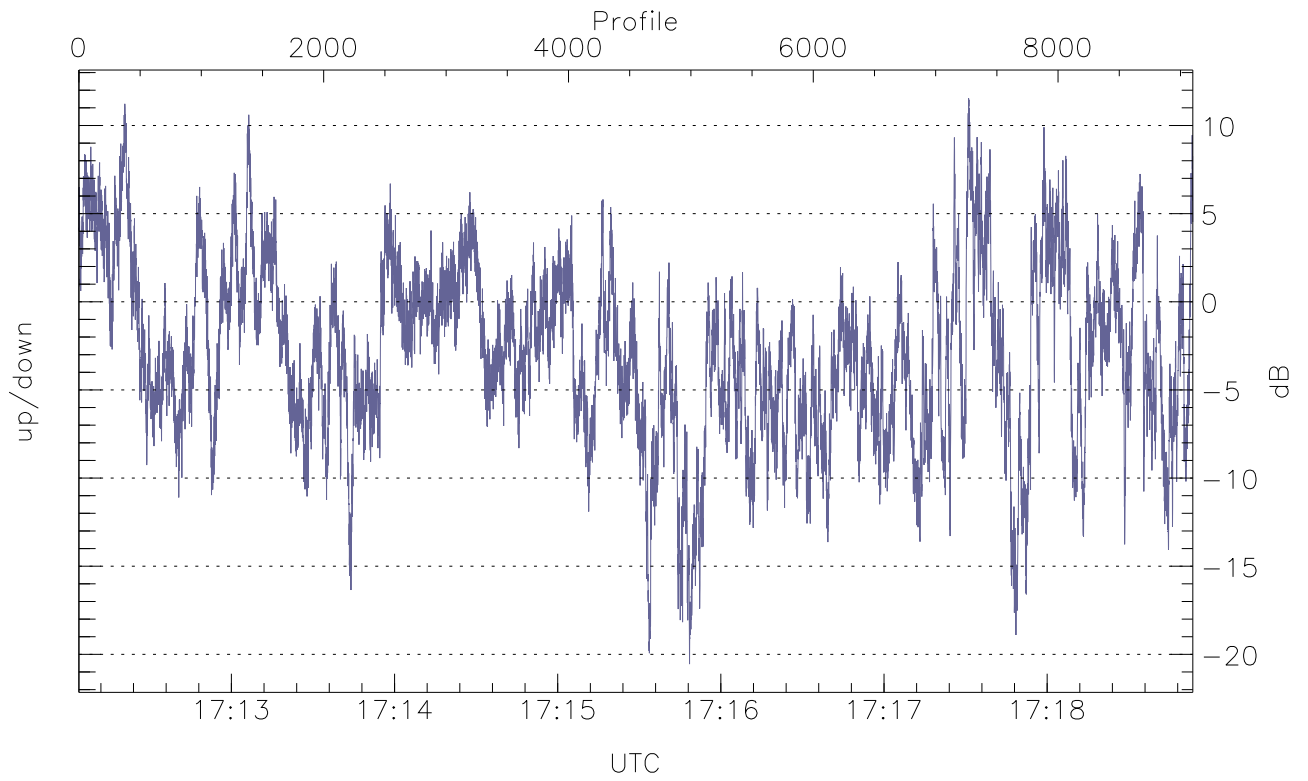


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



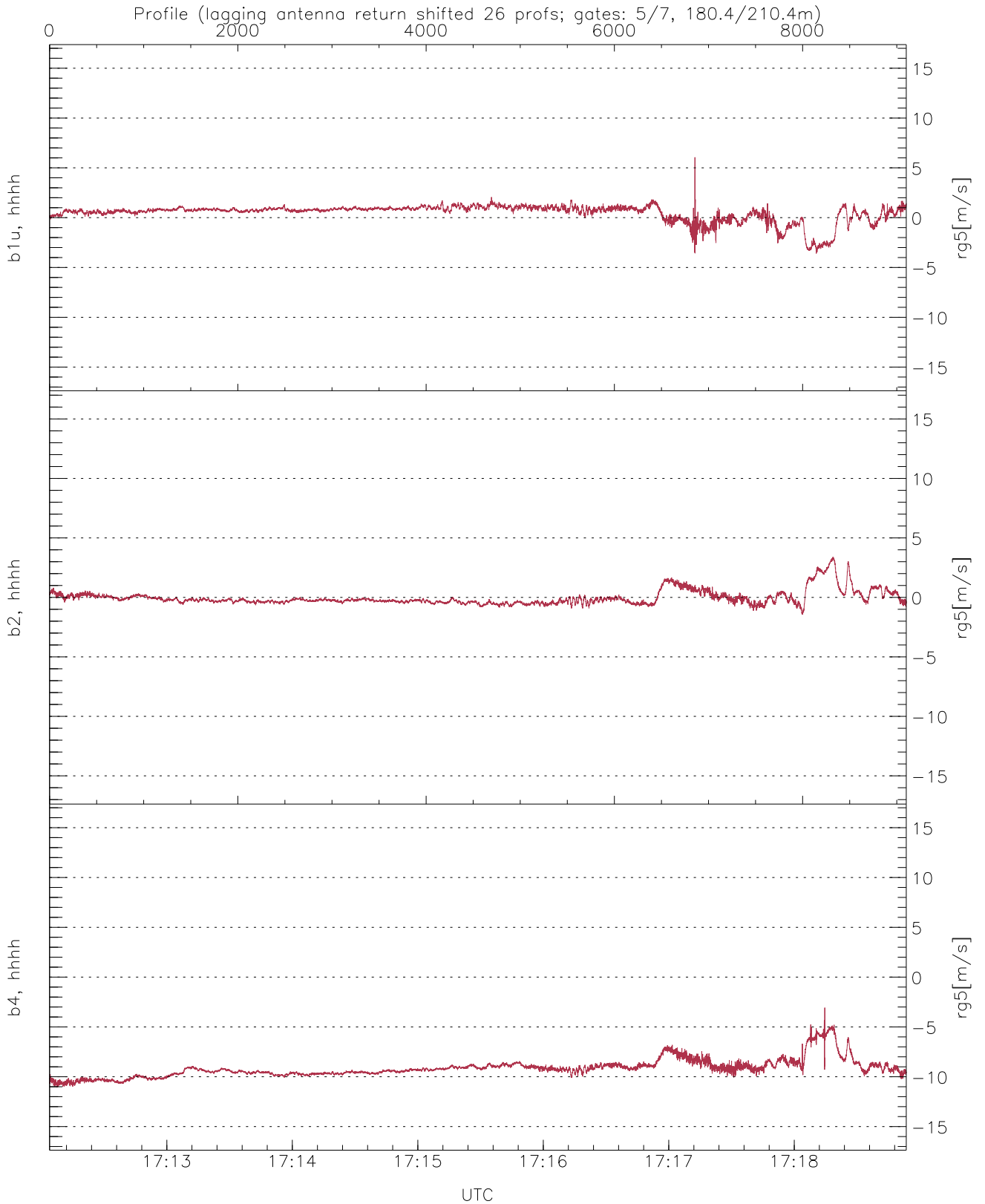
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-64.73	-19.80	-32.01
down(hh[dBm])	-57.48	-18.86	-30.03
down-fore(hh[dBm])	-61.04	-23.94	-34.27



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

	Min	Max	Mean
up/down (dB)	-20.55	11.54	-2.85
down/down-fore (dB)	-23.12	15.24	5.12



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-3.60	6.06	0.46	0.88
b2, hhhh(rg5[m/s])	-1.44	3.38	-0.03	0.64
b4, hhhh(rg5[m/s])	-11.07	-3.07	-9.15	0.94