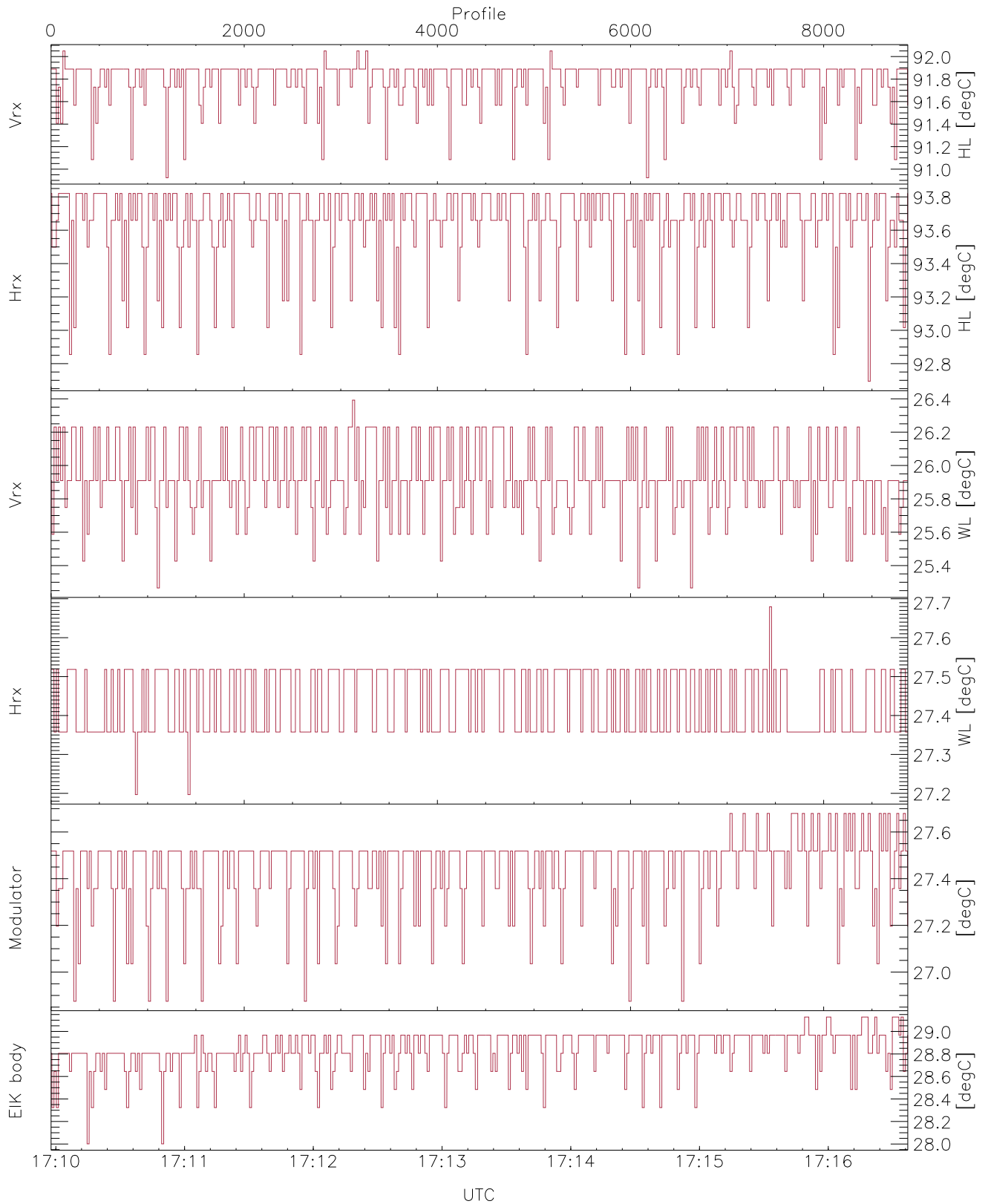


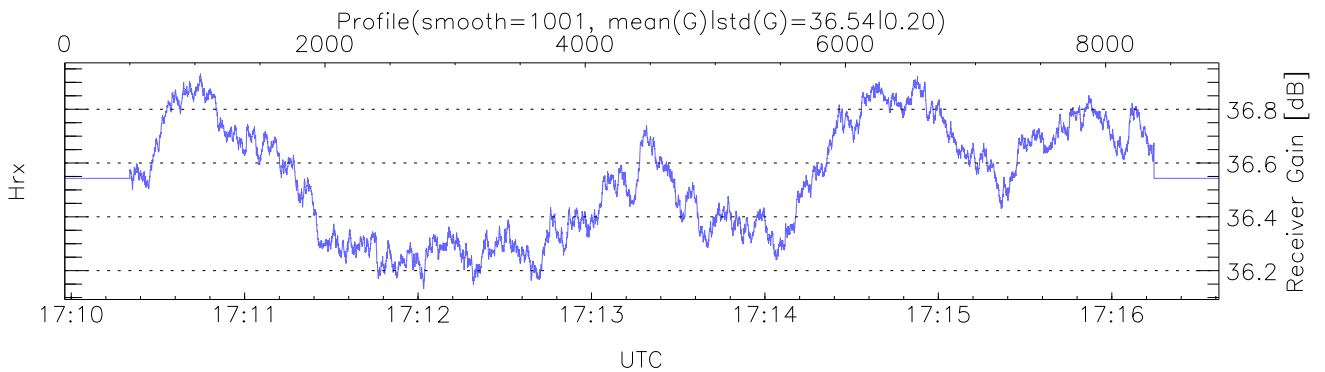
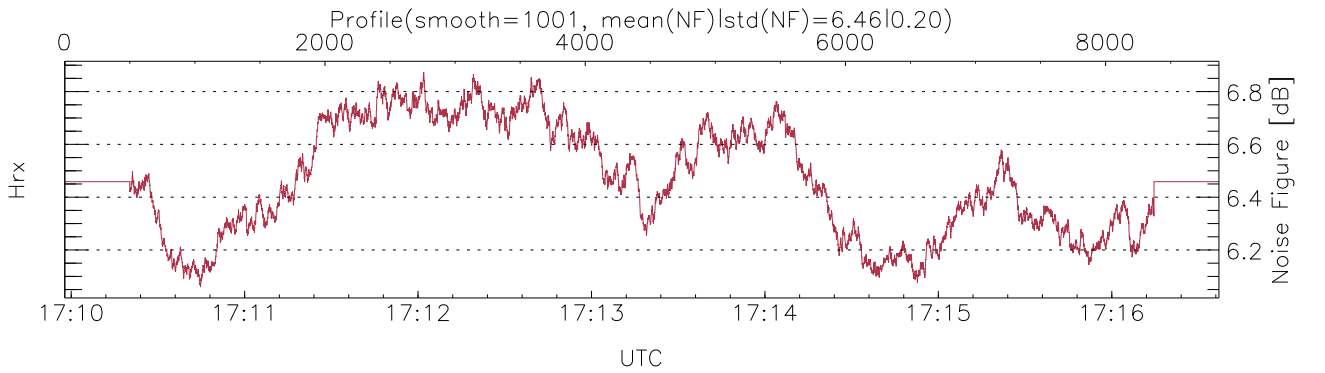
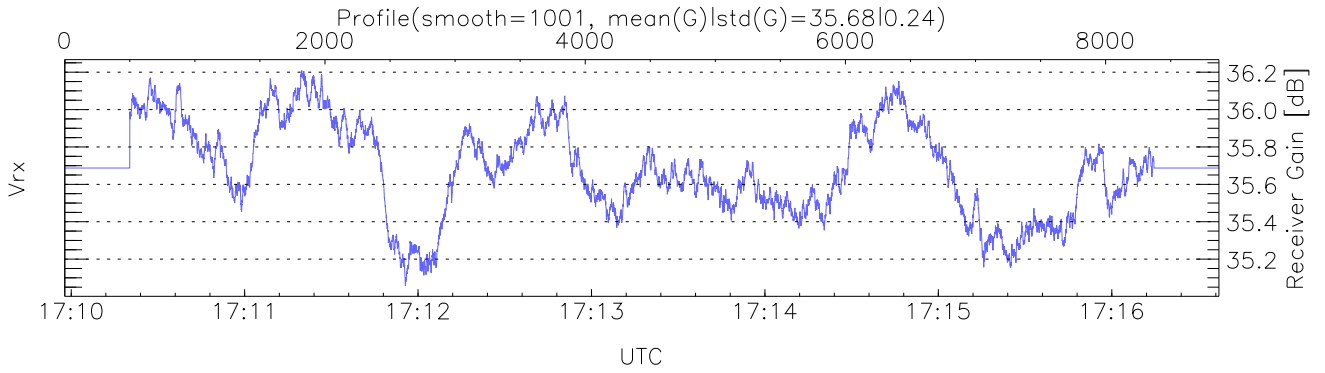
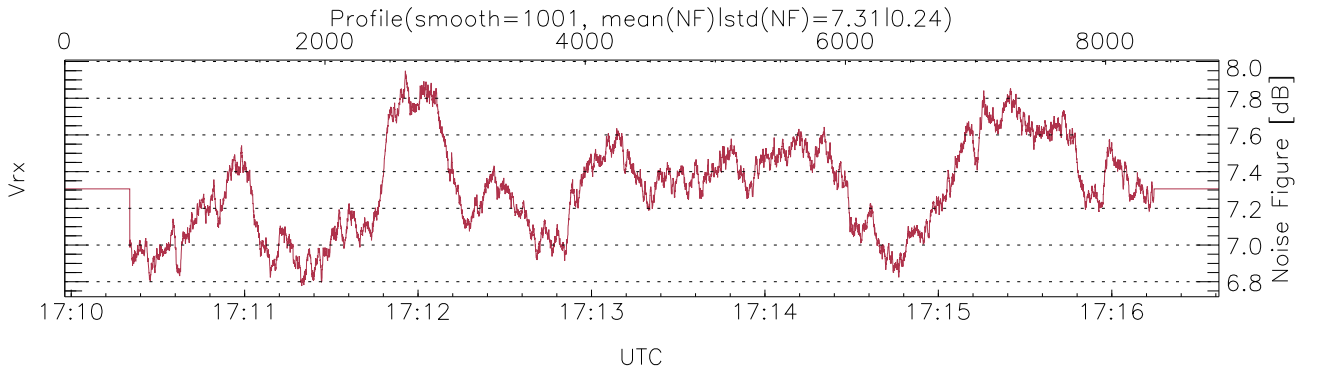
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:09:58-17:16:37, TimeCor: 0.00s, Dur: 399.29s  
 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): 8872/8872, 0-8871/17:09:58-17:16:37  
 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



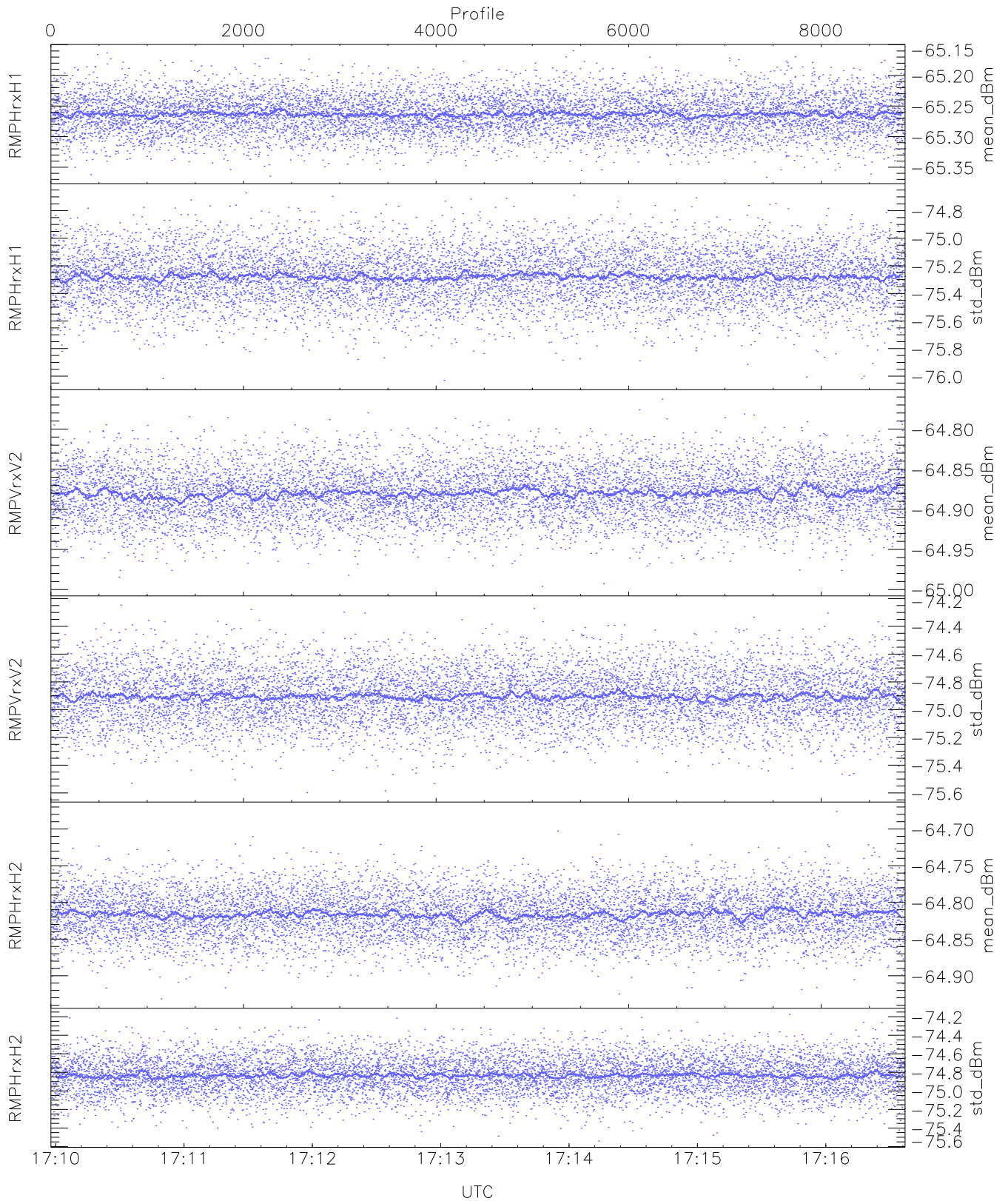
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,25,27,26,28  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,27,27,29  
LOalarm(20,240,2817,14861 MHz): None  
EIK/Modulator Faults: None



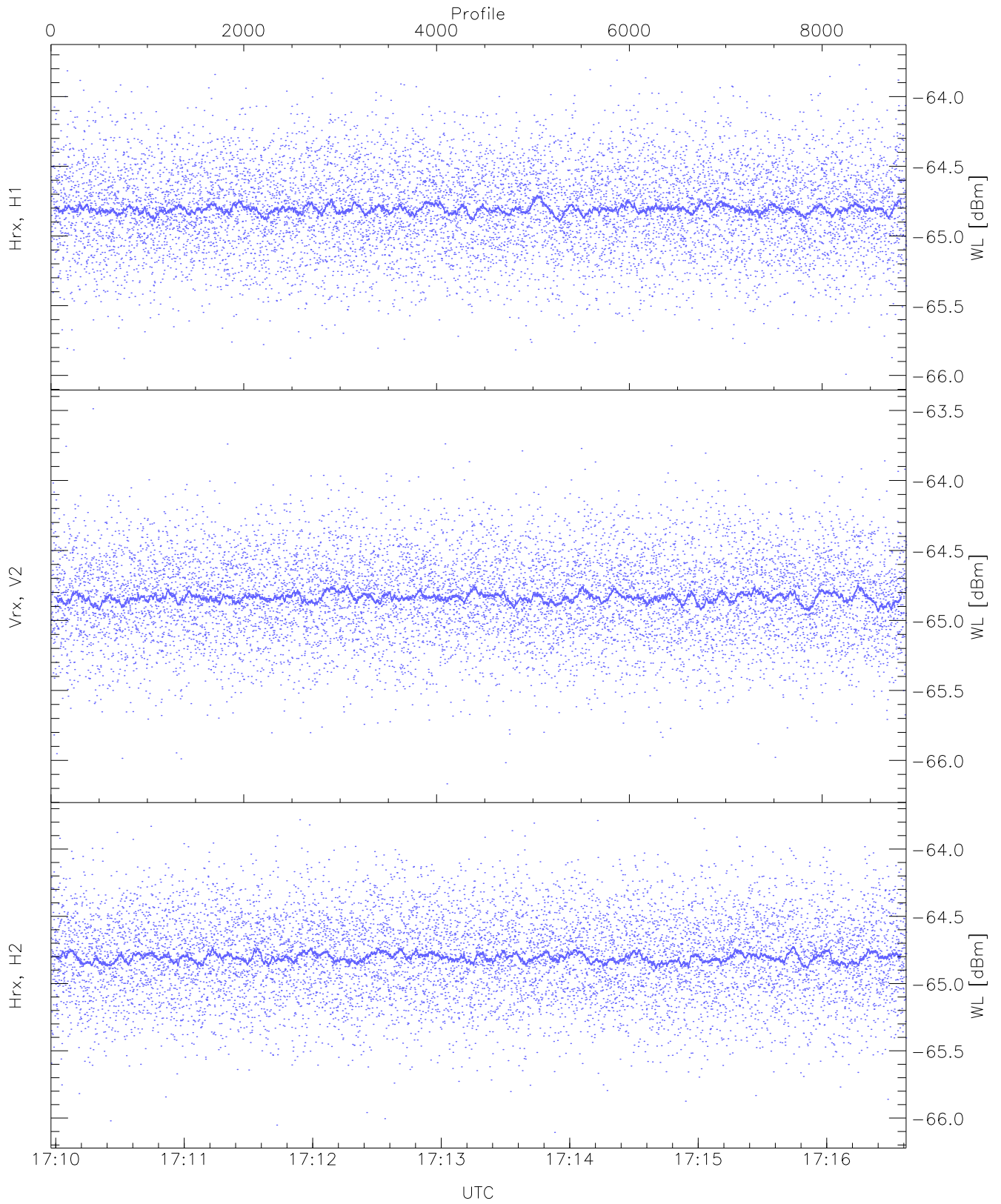
### WCR3 CPP Receivers Gain and Noise Figure

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



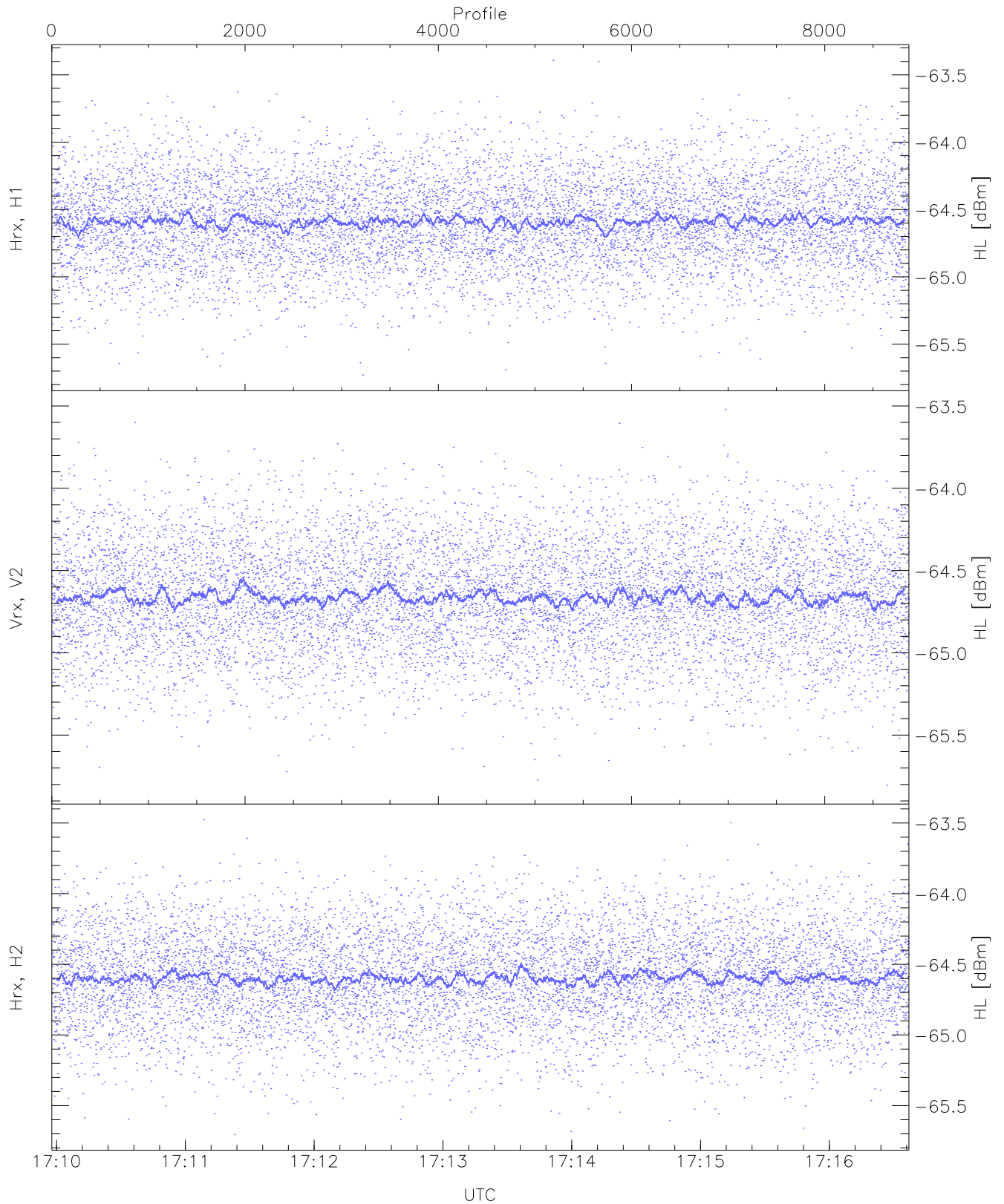
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.37	-65.16	-65.26	-65.26	-86.90
RMPHrxH1 (std_dBm)	-76.03	-74.67	-75.28	-75.28	-89.07
RMPVrxV2 (mean_dBm)	-65.00	-64.76	-64.88	-64.88	-86.44
RMPVrxV2 (std_dBm)	-75.60	-74.25	-74.90	-74.91	-88.68
RMPHrxH2 (mean_dBm)	-64.93	-64.68	-64.82	-64.82	-86.42
RMPHrxH2 (std_dBm)	-75.54	-74.18	-74.83	-74.83	-88.65



WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

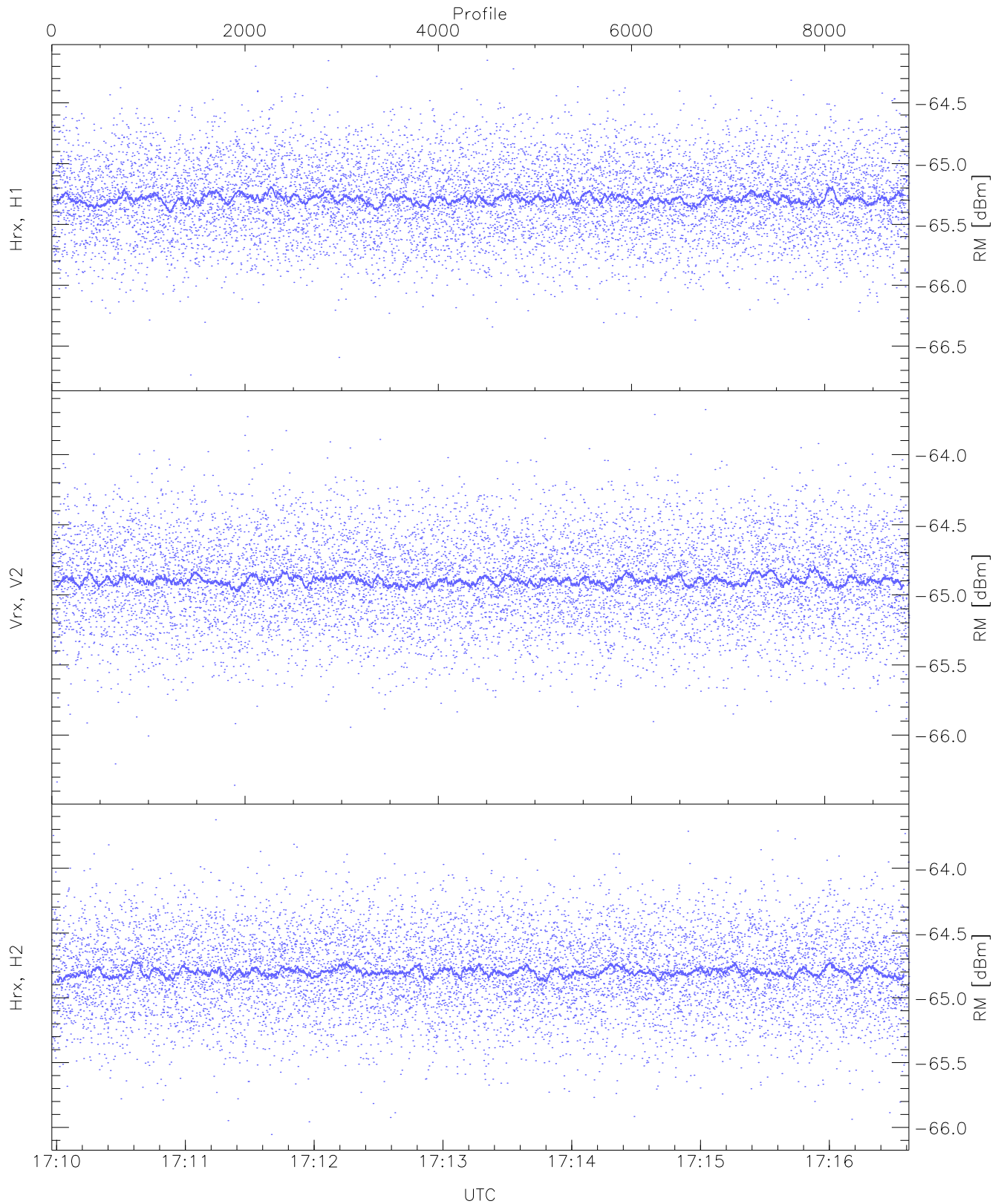
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.99	-63.74	-64.80	-64.80	-76.31
Vrx, V2 (WL [dBm])	-66.17	-63.49	-64.83	-64.83	-76.35
Hrx, H2 (WL [dBm])	-66.11	-63.77	-64.80	-64.80	-76.28



WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

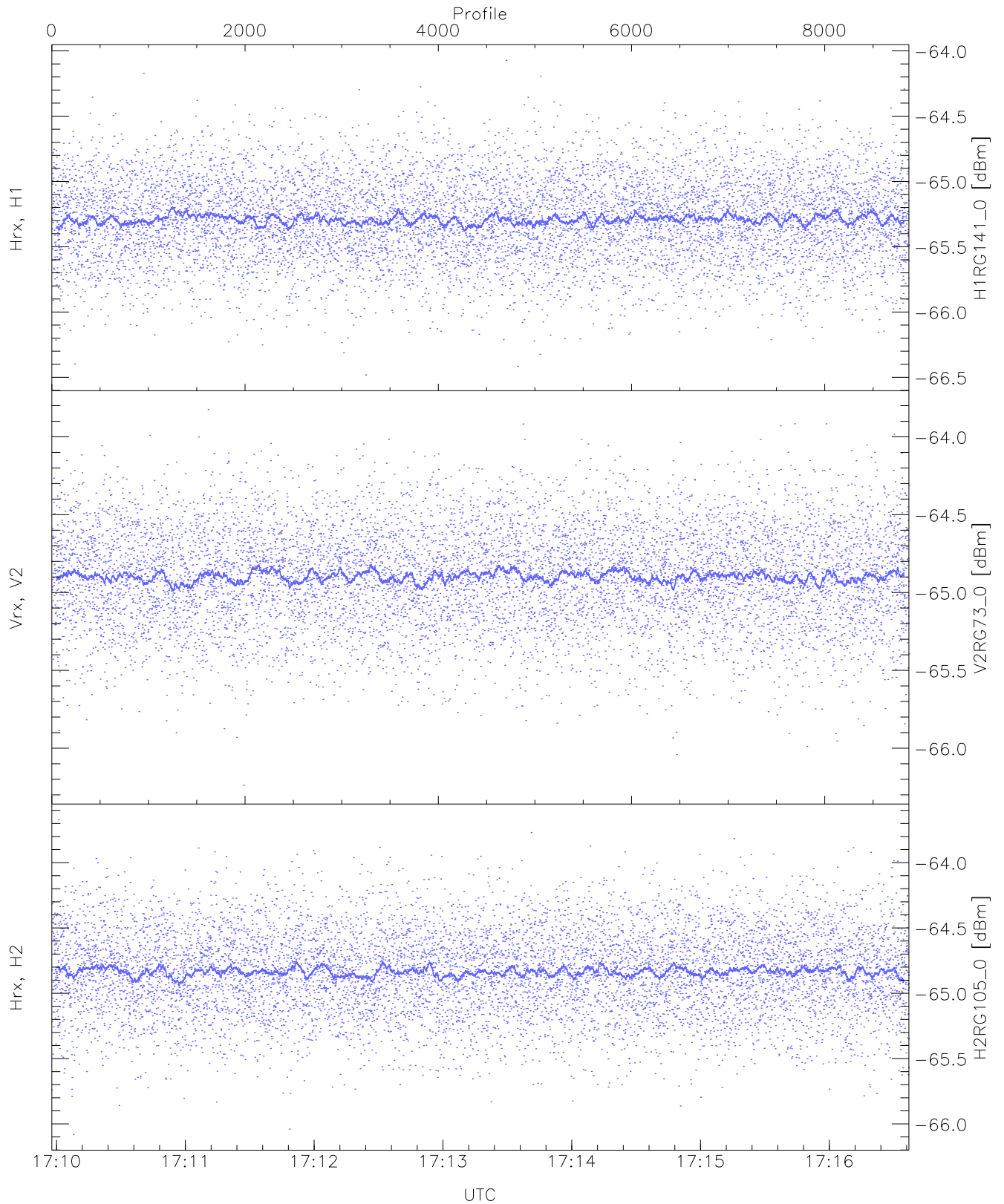
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.73	-63.39	-64.58	-64.59	-76.11
Vrx, V2 (HL [dBm])	-65.80	-63.52	-64.65	-64.66	-76.14
Hrx, H2 (HL [dBm])	-65.70	-63.48	-64.59	-64.60	-76.11





WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

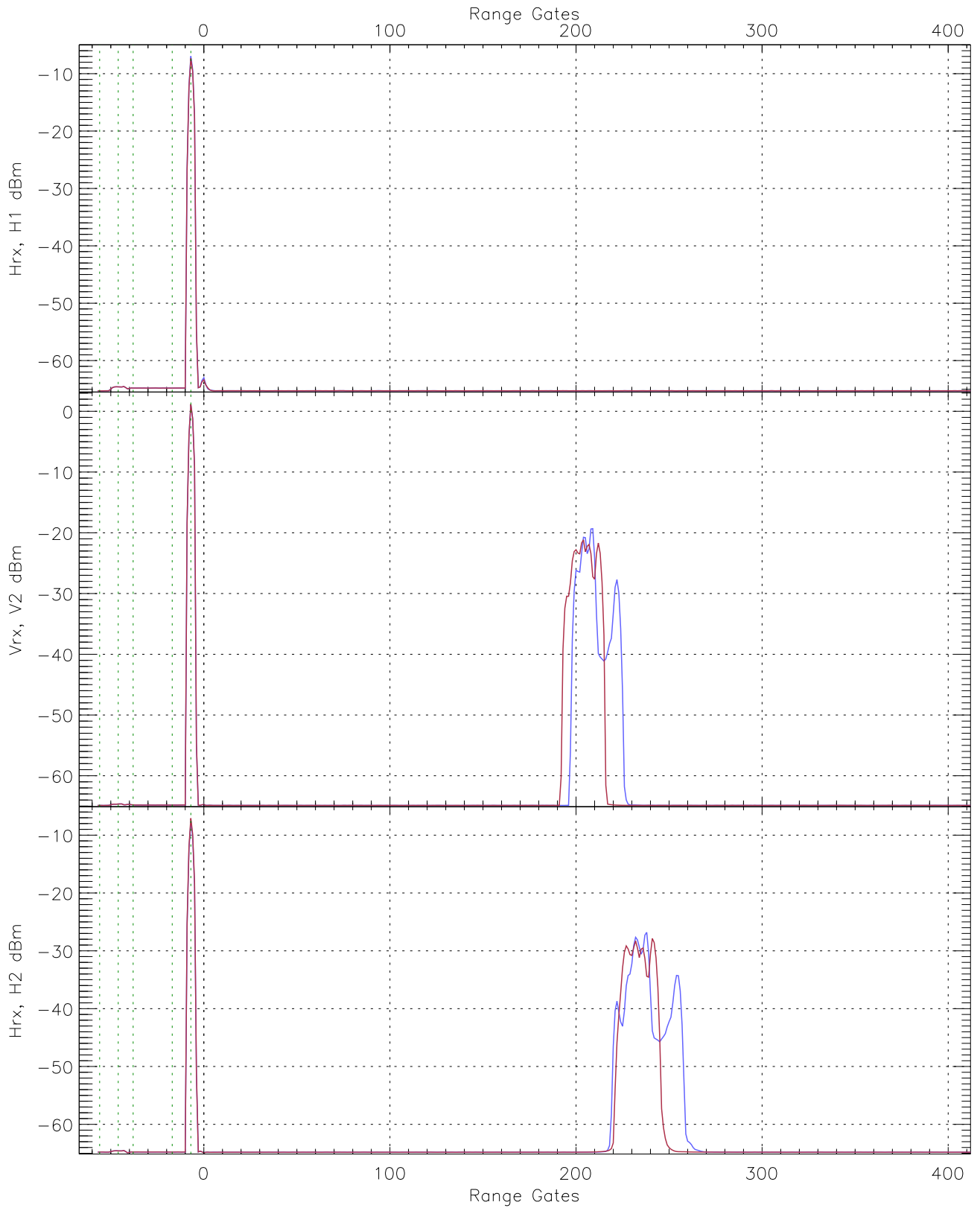
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.74	-64.15	-65.28	-65.29	-76.75
Vrx, V2 (RM [dBm])	-66.36	-63.68	-64.89	-64.90	-76.37
Hrx, H2 (RM [dBm])	-66.05	-63.63	-64.79	-64.80	-76.32



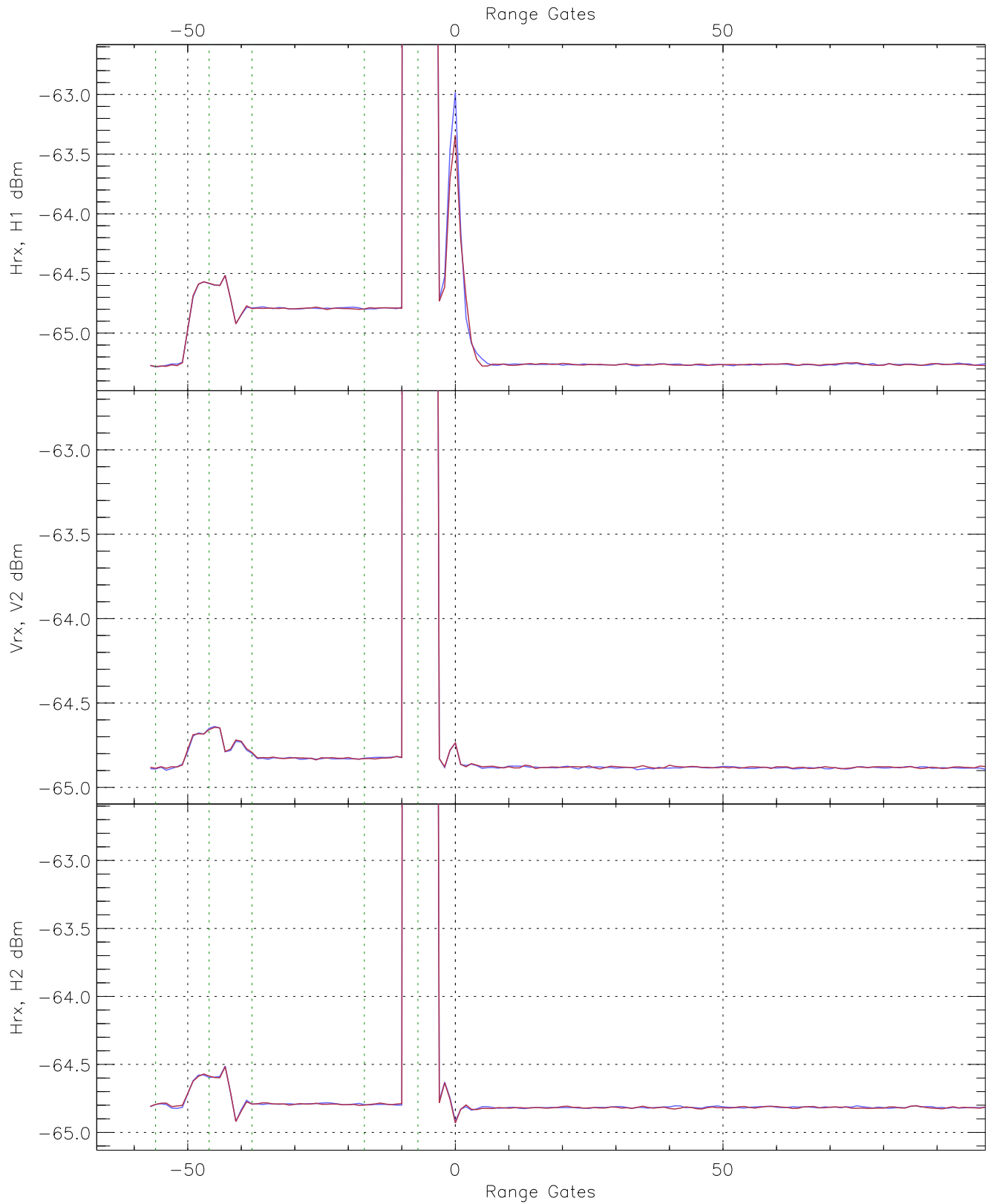
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG141_0 [dBm]	-66.48	-64.07	-65.28	-65.29	-76.80
V2RG73_0 [dBm]	-66.24	-63.82	-64.89	-64.89	-76.41
H2RG105_0 [dBm]	-66.08	-63.67	-64.83	-64.83	-76.28

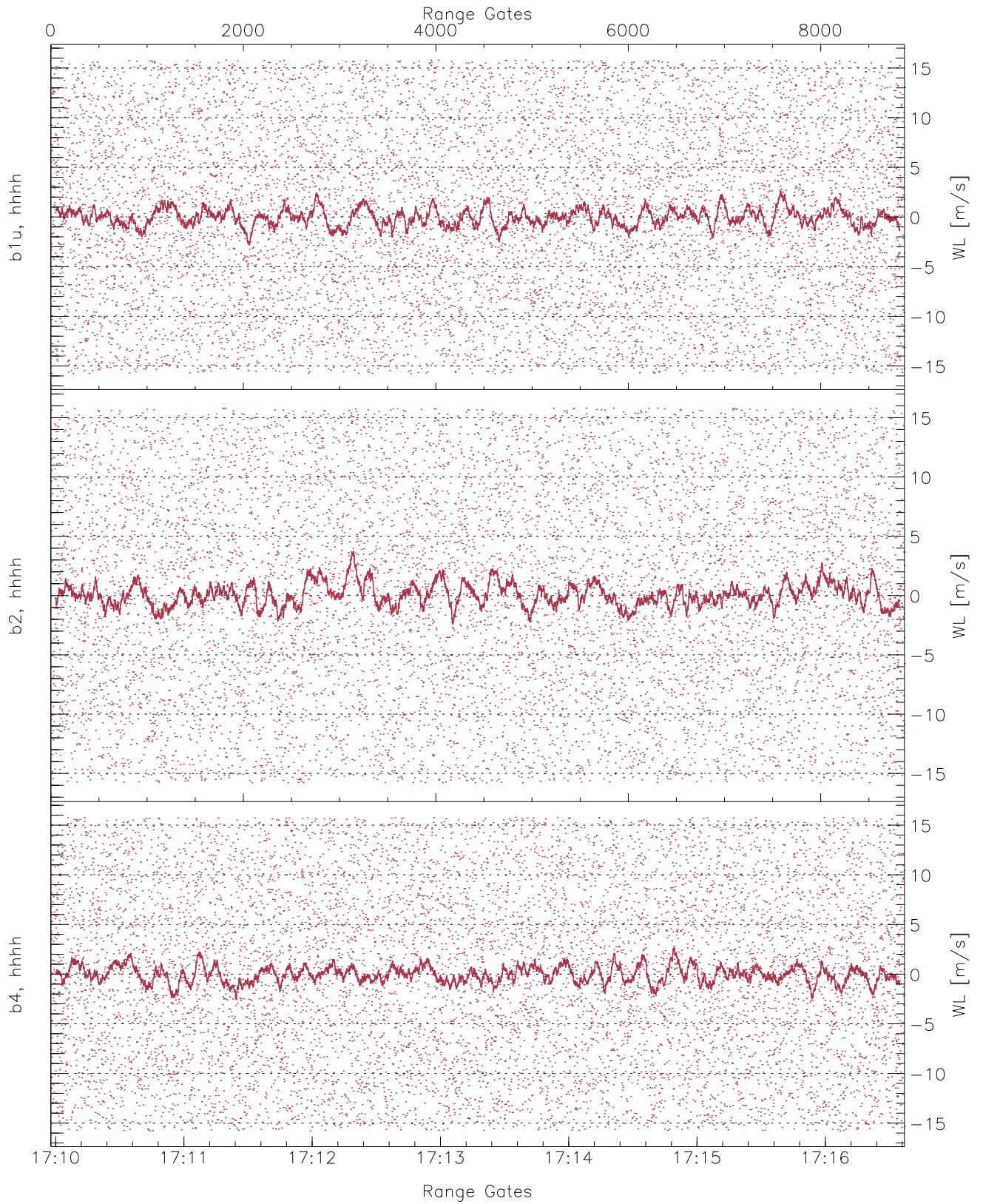




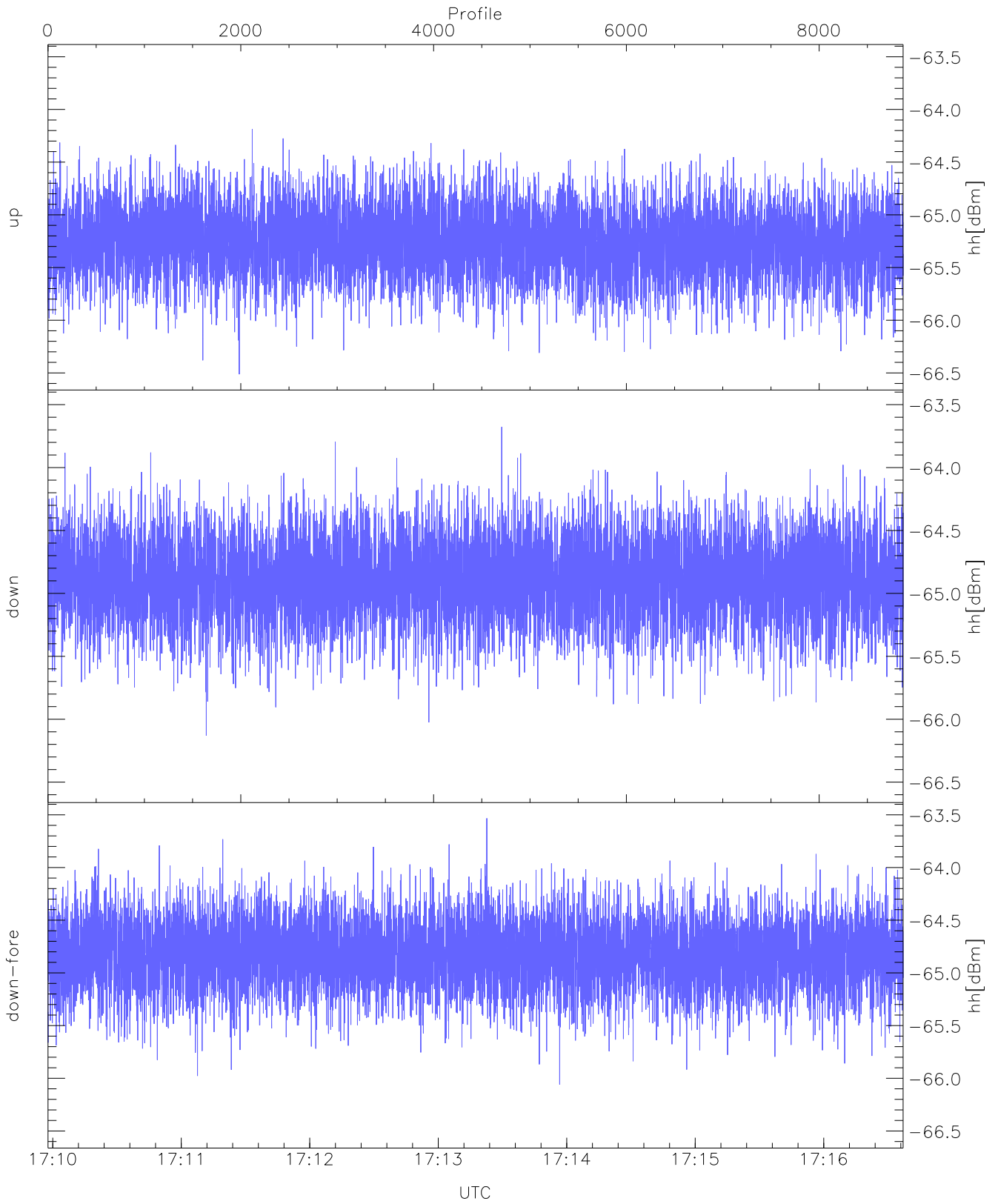
WCR3 CPP Averaged Received power for all recorded gates  
blue: 170958-171317, 4437 profiles averaged  
red: 171317-171637, 4436 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 170958-171317, 4437 profiles averaged  
red: 171317-171637, 4436 profiles averaged

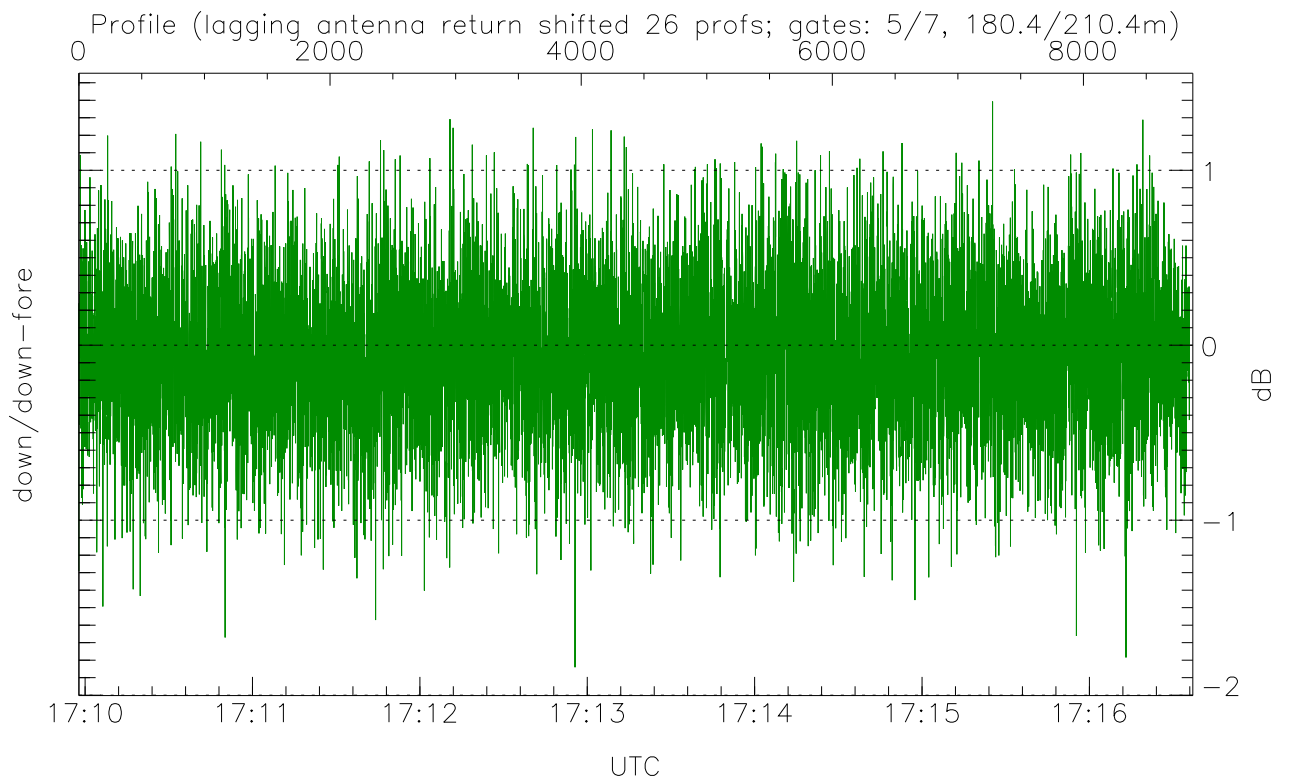
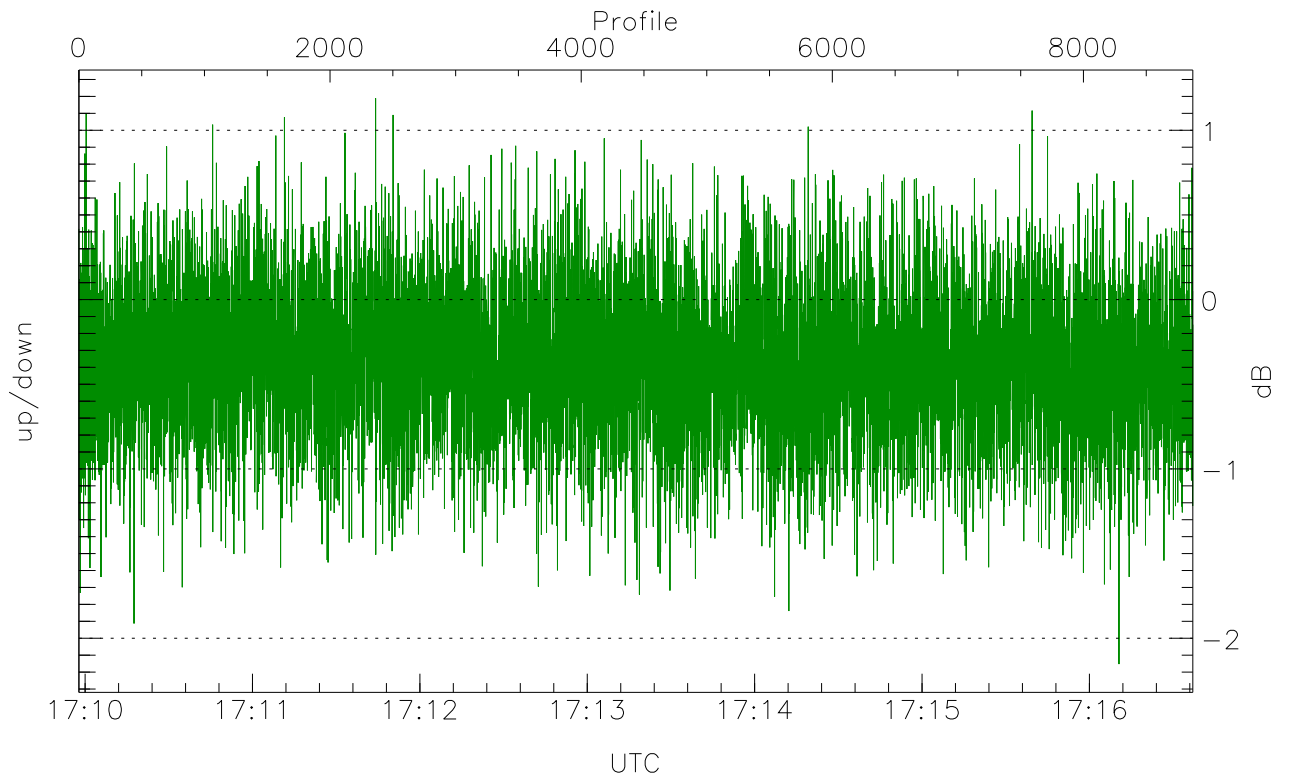


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



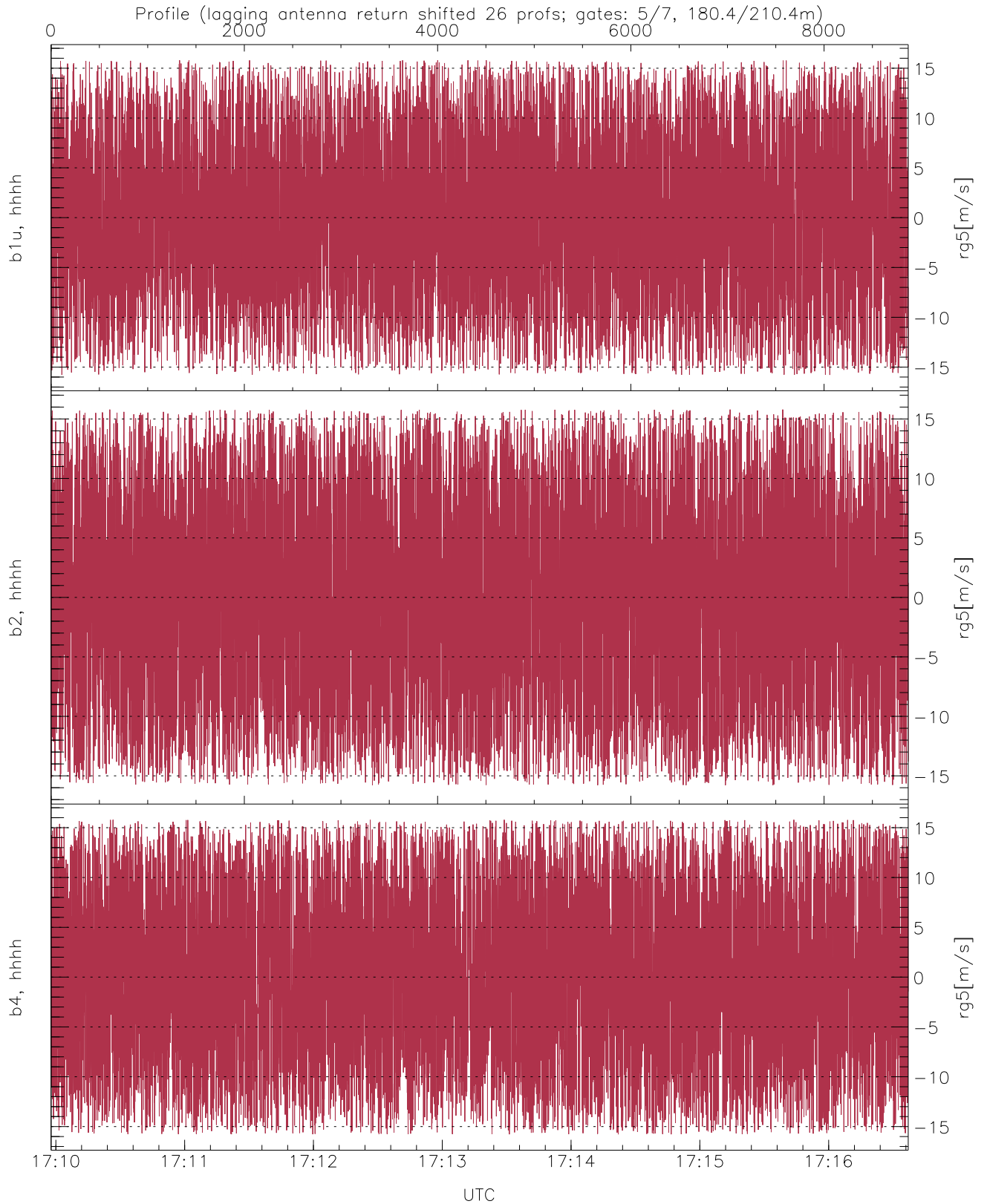
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.51	-64.19	-65.25
down(hh[dBm])	-66.13	-63.68	-64.88
down-fore(hh[dBm])	-66.06	-63.53	-64.82



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

	Min	Max	Mean
up/down (dB)	-2.15	1.19	-0.36
down/down-fore (dB)	-1.84	1.39	-0.06



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	0.03	8.28
b2, hhhh(rg5[m/s])	-15.79	15.79	-0.02	8.72
b4, hhhh(rg5[m/s])	-15.78	15.79	-0.02	8.66