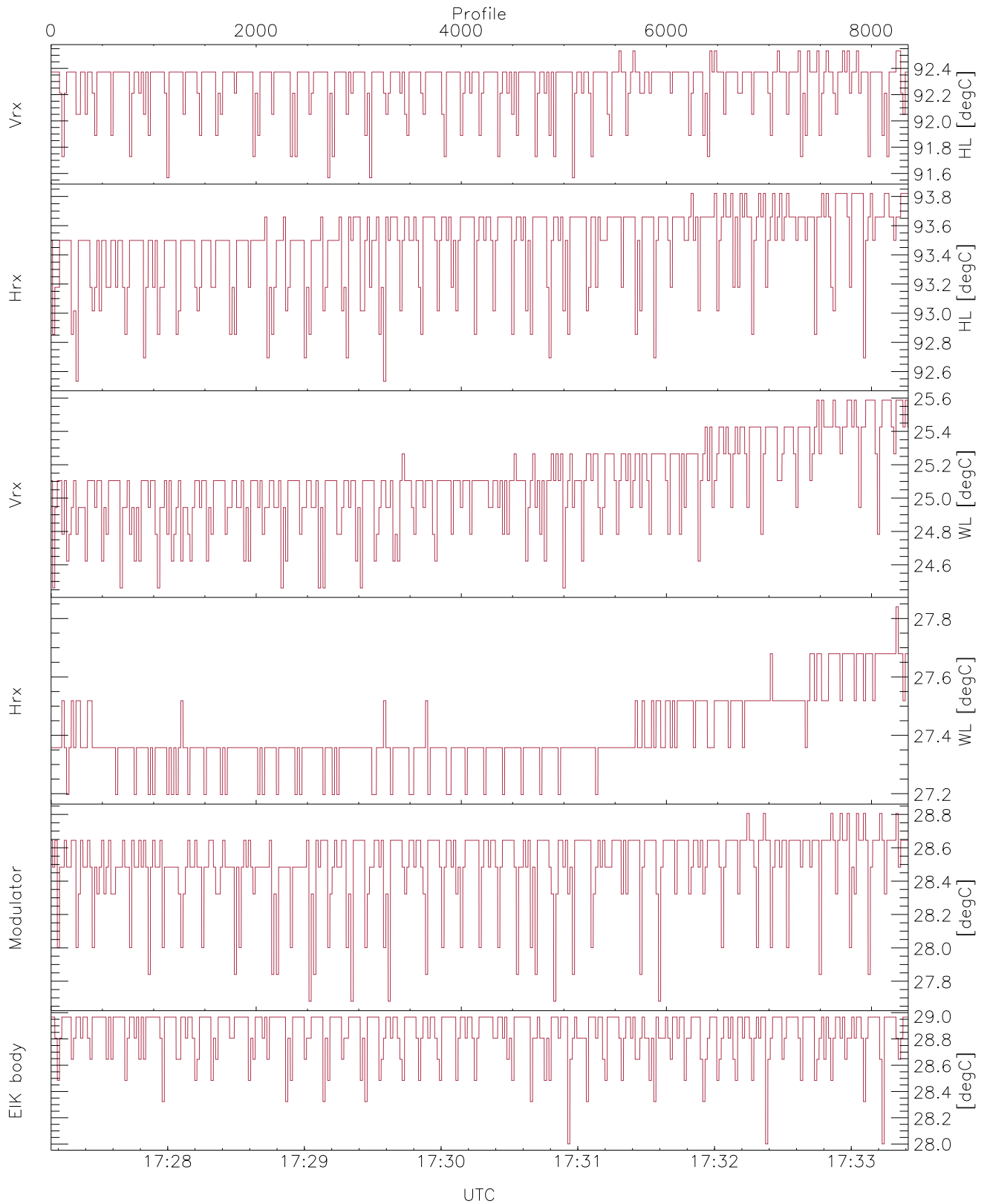


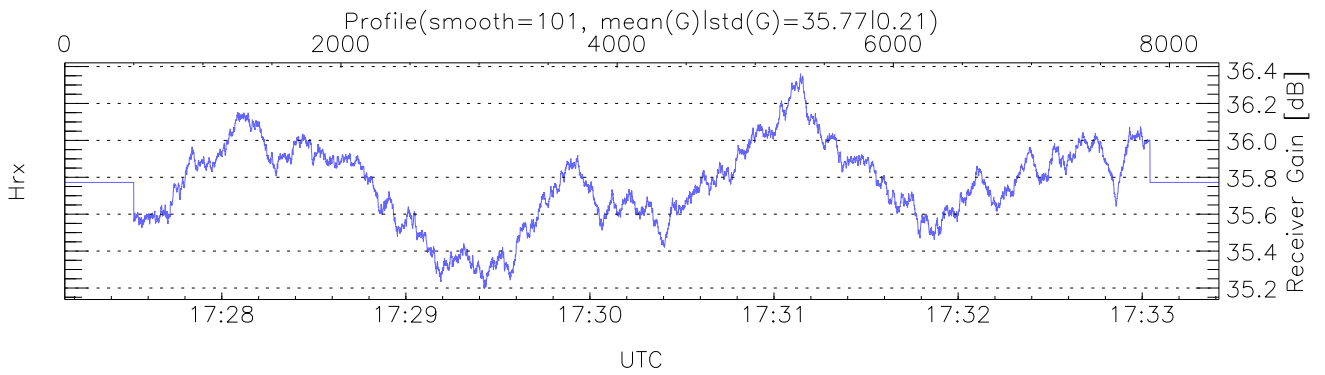
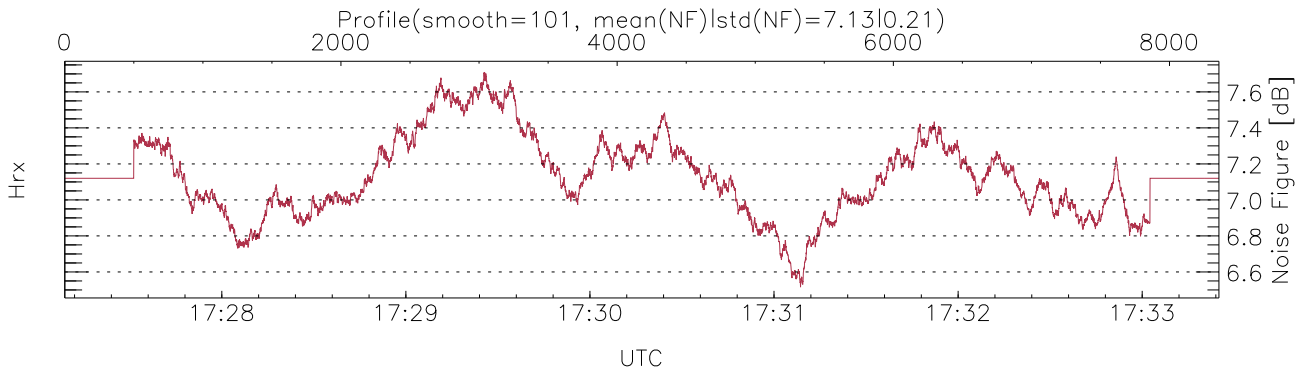
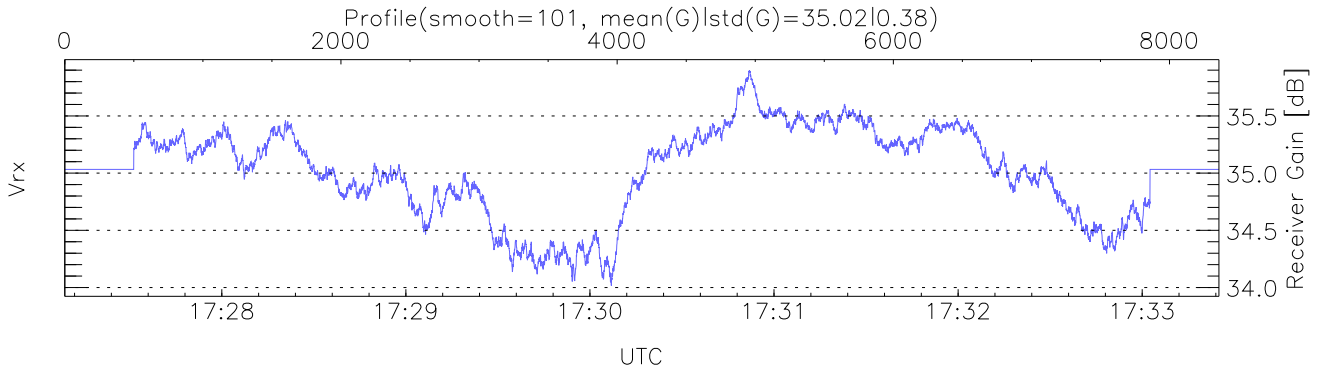
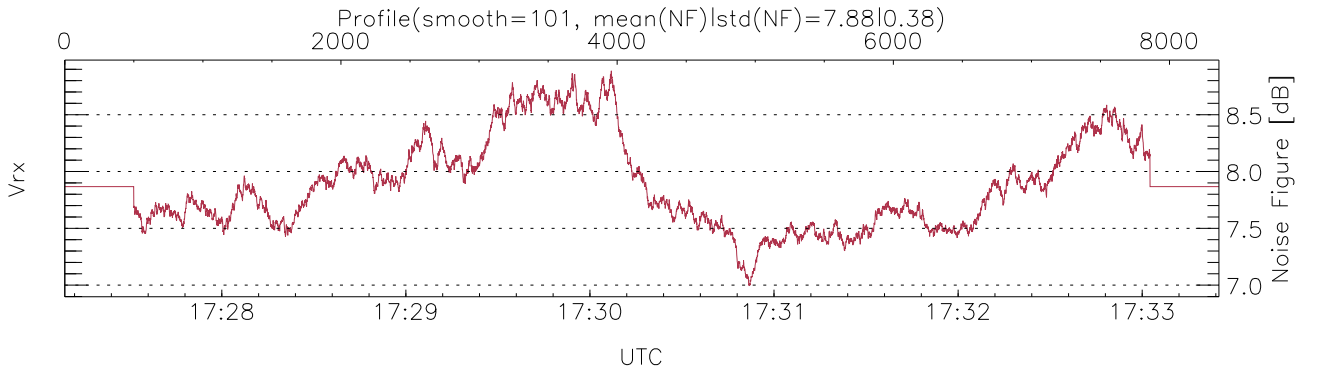
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:27:09-17:33:25, TimeCor: 0.00s, Dur: 376.20s  
 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): 8359/8359, 0-8358/17:27:09-17:33:25  
 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



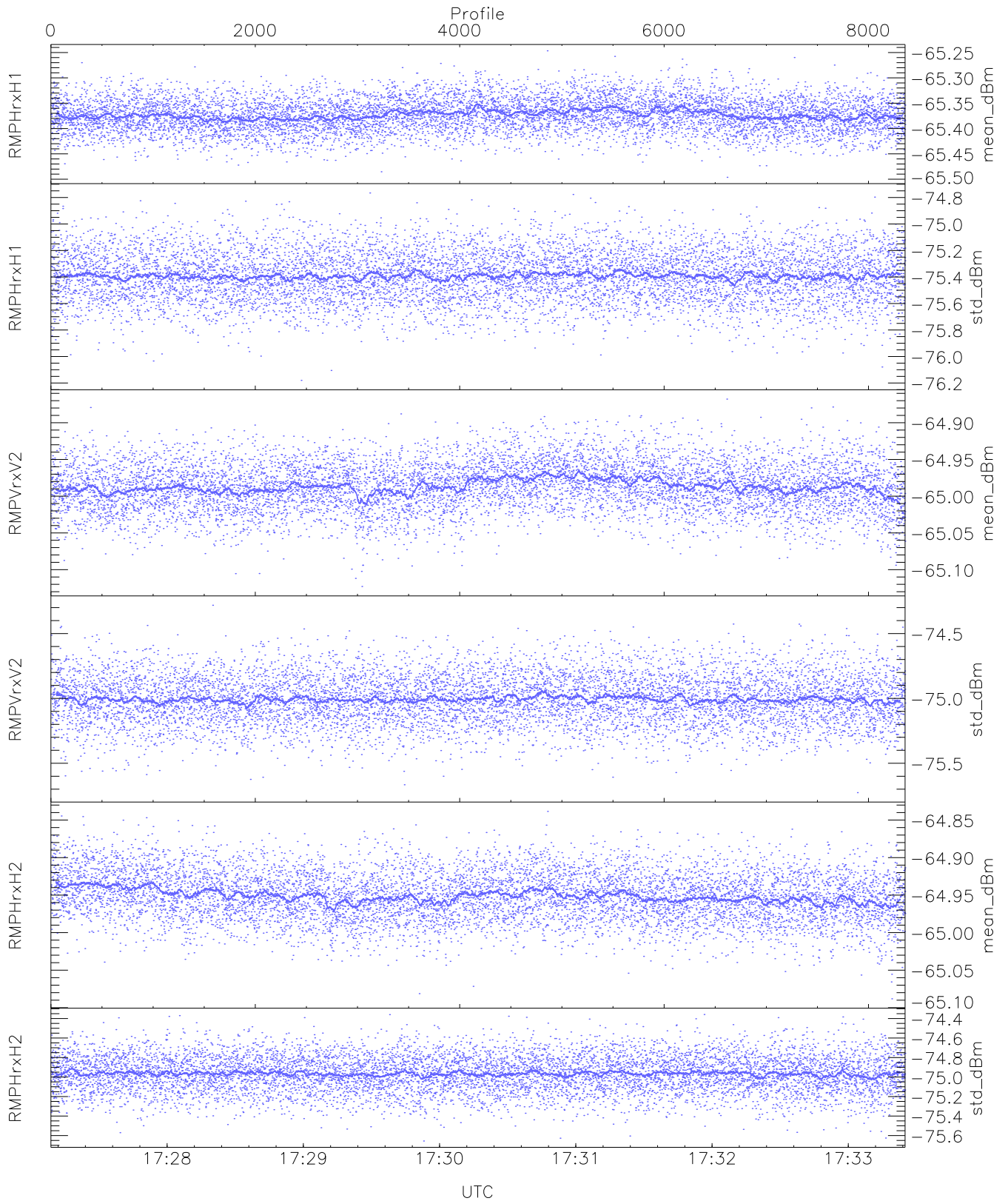
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,27,27,28  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,27,28,28  
LOalarm(20,240,2817,14861 MHz): None  
EIK/Modulator Faults: None



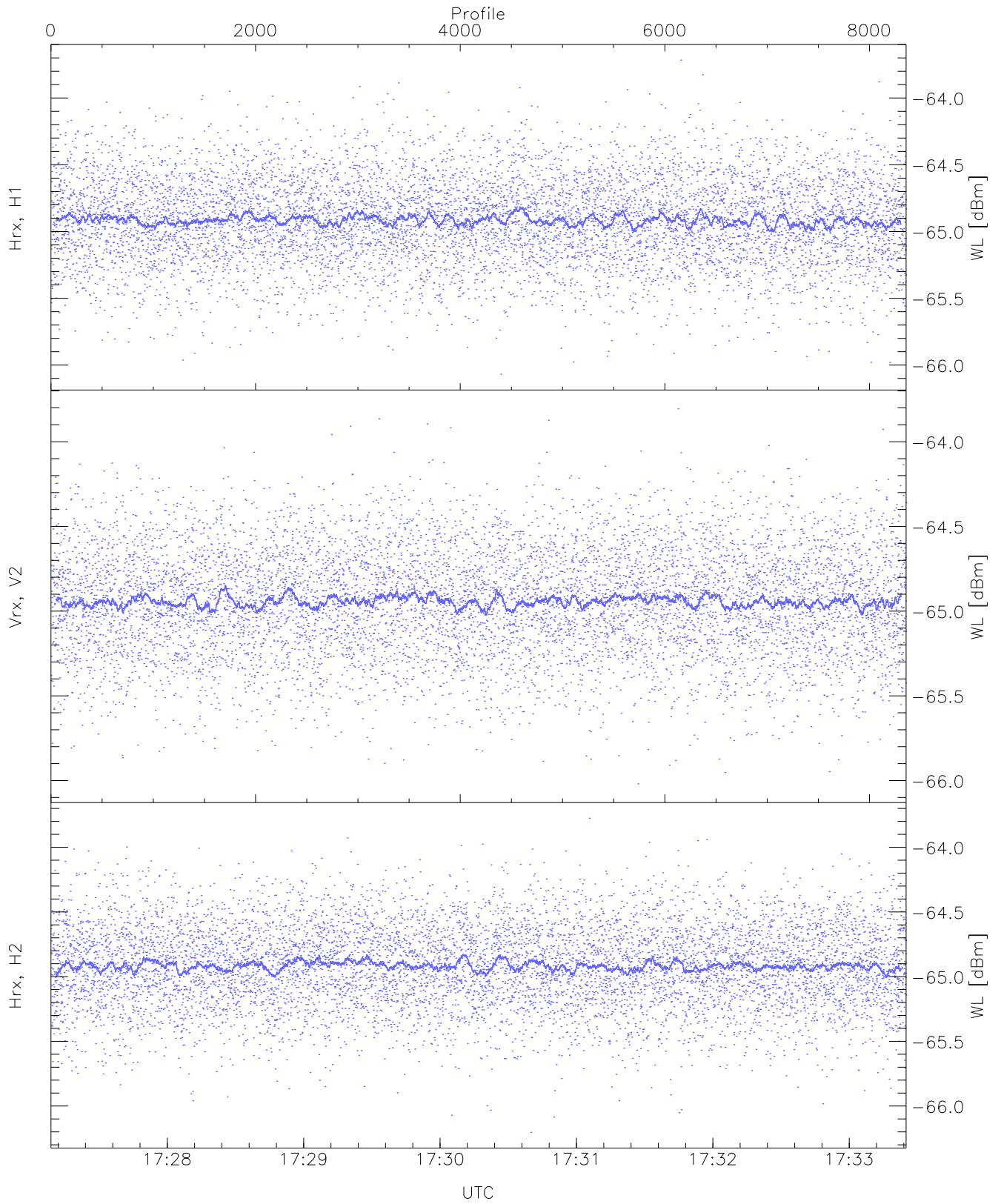
### WCR3 CPP Receivers Gain and Noise Figure

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



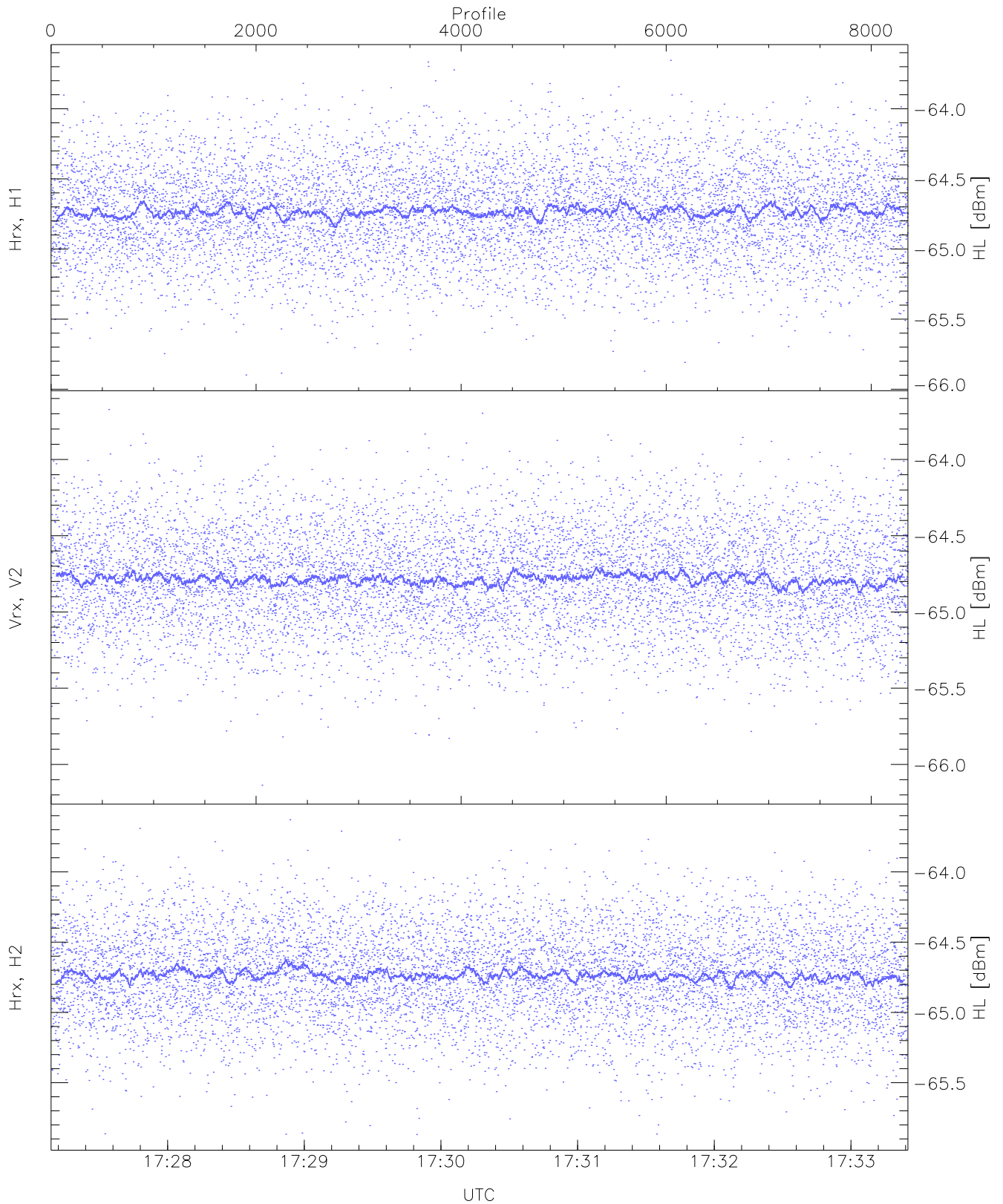
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.50	-65.25	-65.37	-65.37	-86.83
RMPHrxH1 (std_dBm)	-76.18	-74.77	-75.39	-75.39	-89.16
RMPVrxV2 (mean_dBm)	-65.12	-64.87	-64.99	-64.99	-86.38
RMPVrxV2 (std_dBm)	-75.73	-74.28	-75.00	-75.01	-88.80
RMPHrxH2 (mean_dBm)	-65.09	-64.84	-64.95	-64.95	-86.39
RMPHrxH2 (std_dBm)	-75.66	-74.36	-74.96	-74.97	-88.79



WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

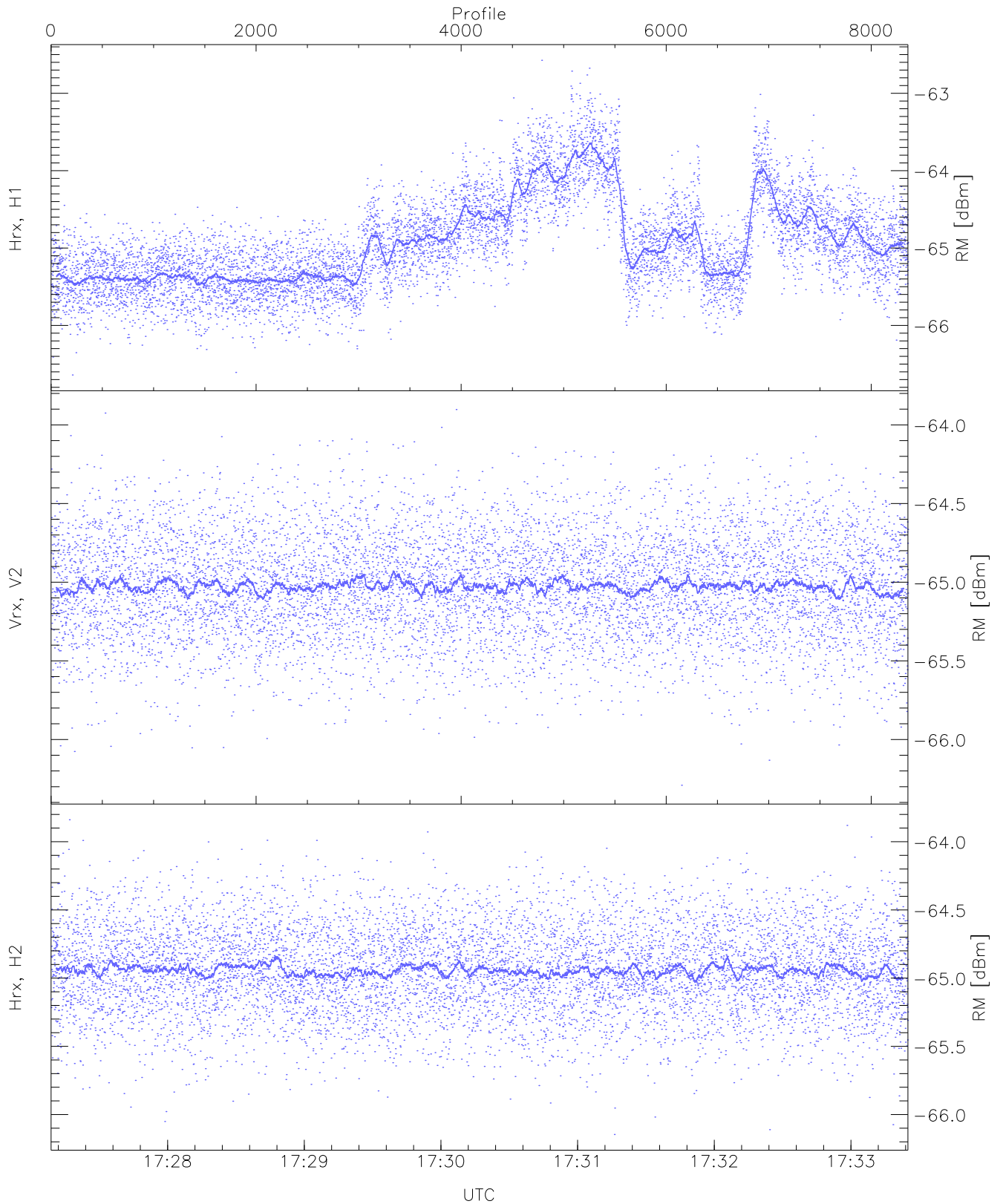
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.07	-63.72	-64.91	-64.92	-76.40
Vrx, V2 (WL [dBm])	-66.02	-63.81	-64.93	-64.94	-76.50
Hrx, H2 (WL [dBm])	-66.20	-63.78	-64.91	-64.91	-76.41



WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

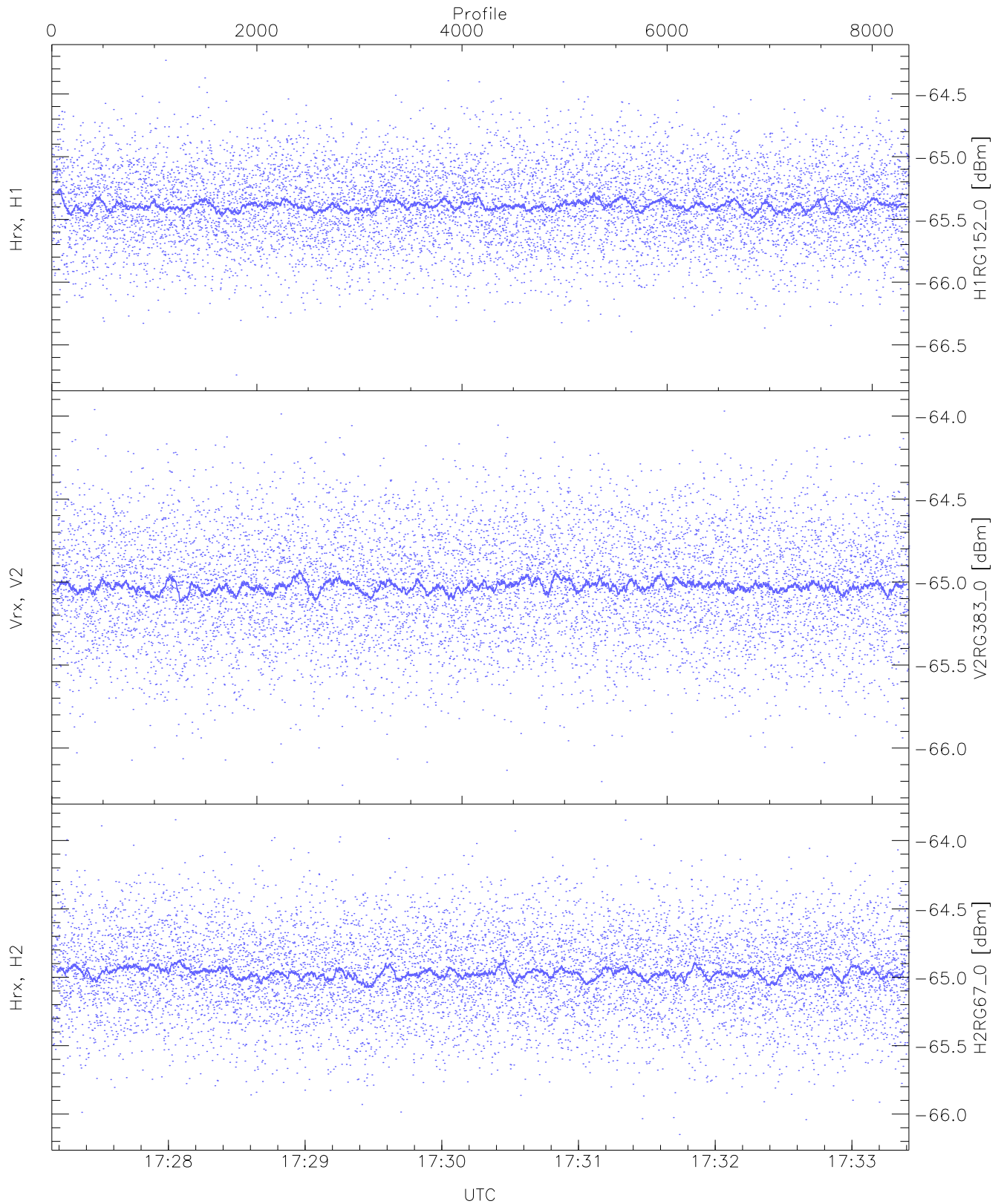
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.90	-63.65	-64.73	-64.73	-76.23
Vrx, V2 (HL [dBm])	-66.14	-63.67	-64.78	-64.78	-76.29
Hrx, H2 (HL [dBm])	-65.87	-63.63	-64.73	-64.73	-76.27





WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

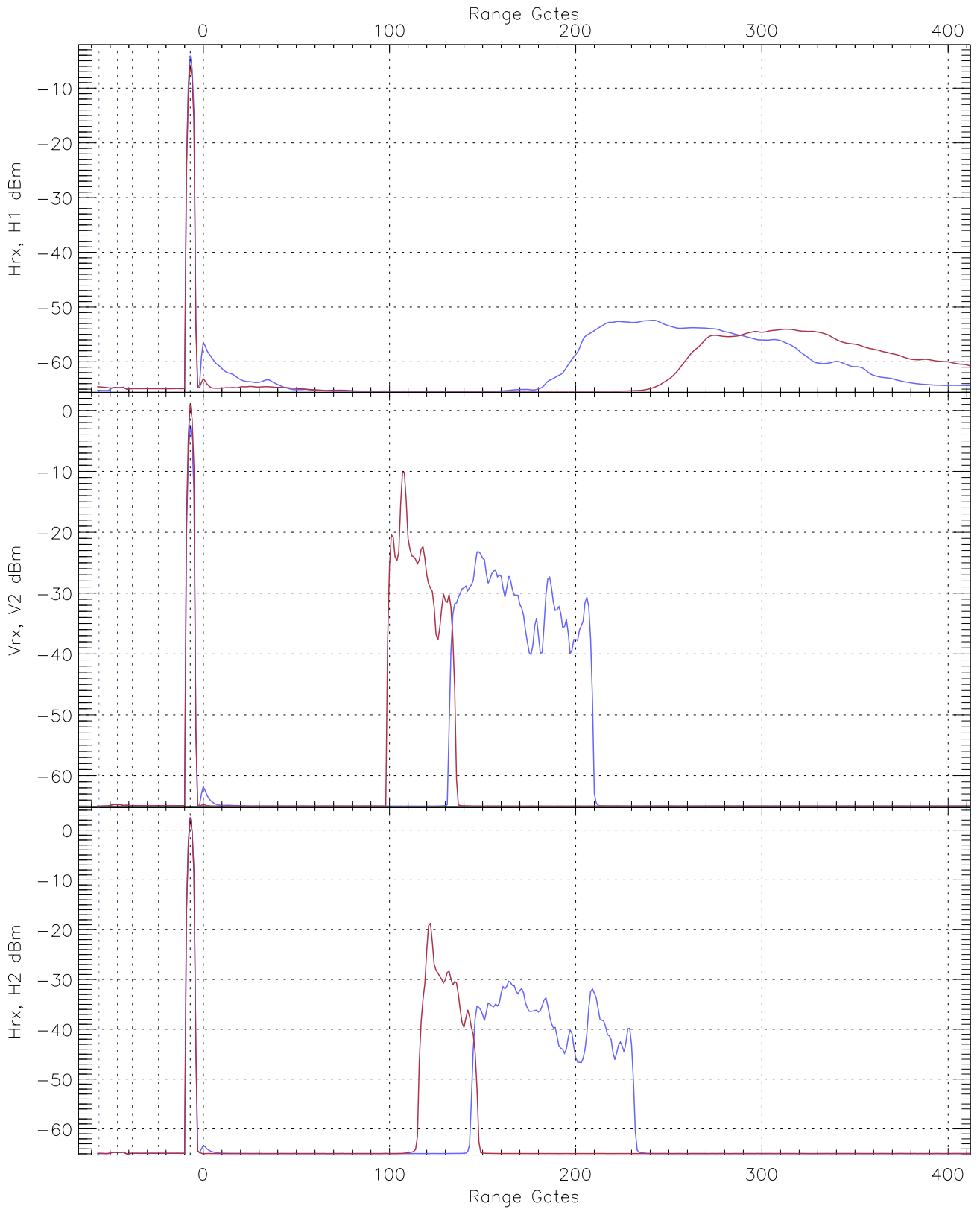
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.64	-62.57	-64.89	-65.03	-73.30
Vrx, V2 (RM [dBm])	-66.29	-63.90	-65.02	-65.03	-76.51
Hrx, H2 (RM [dBm])	-66.15	-63.84	-64.94	-64.95	-76.52



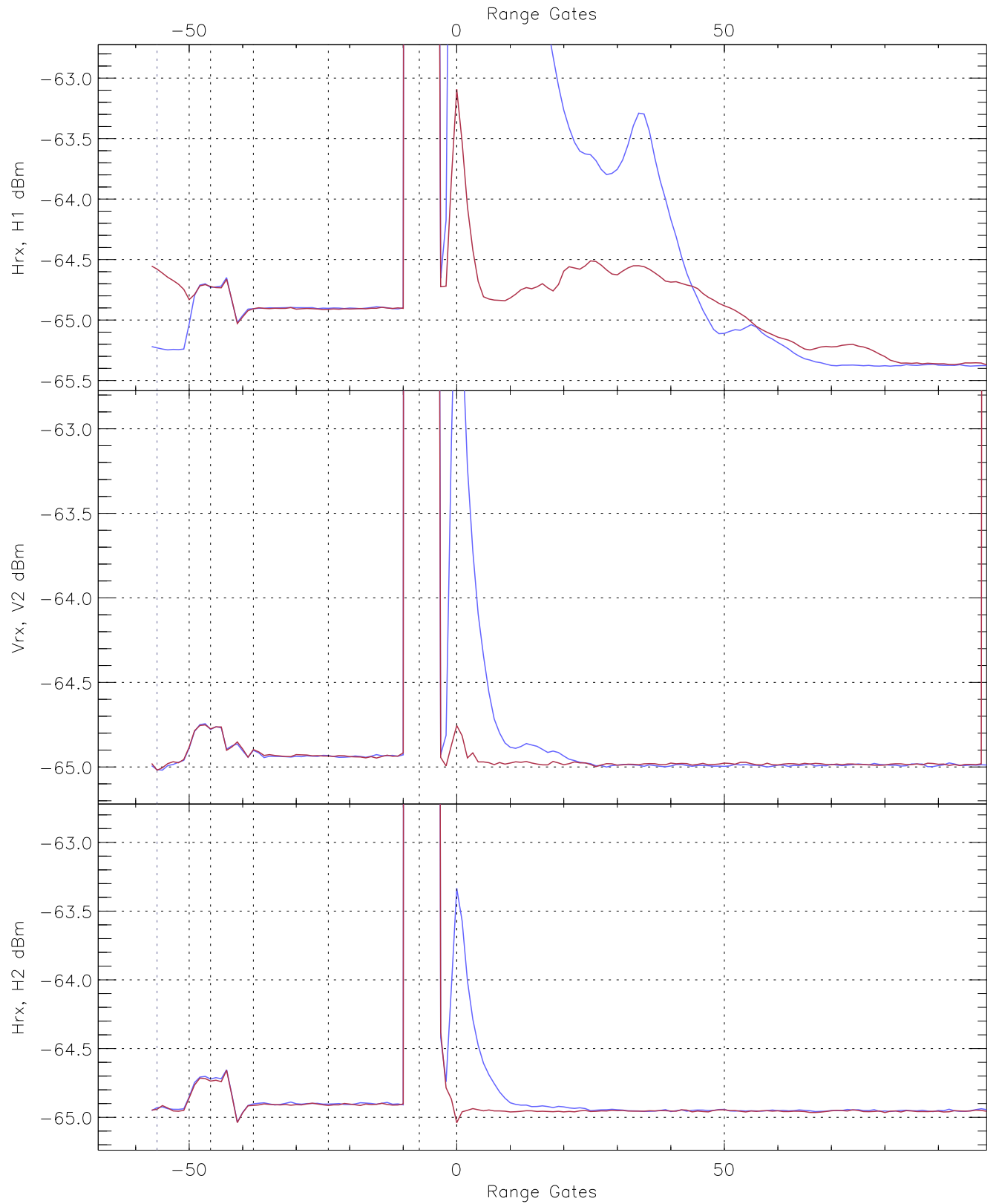
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG152_0 [dBm]	-66.74	-64.23	-65.38	-65.39	-76.95
V2RG383_0 [dBm]	-66.22	-63.96	-65.02	-65.03	-76.44
H2RG67_0 [dBm]	-66.15	-63.85	-64.96	-64.97	-76.50

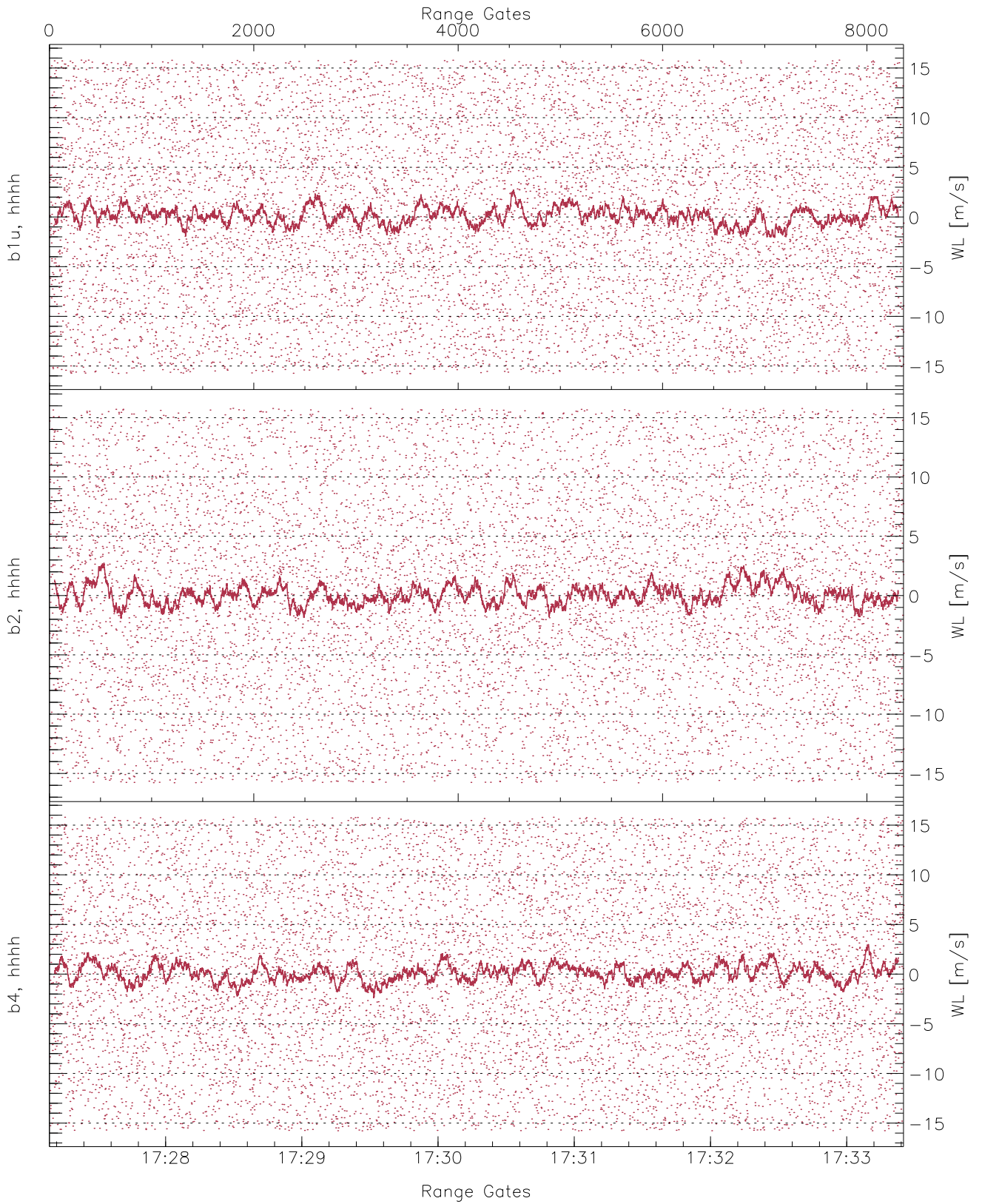




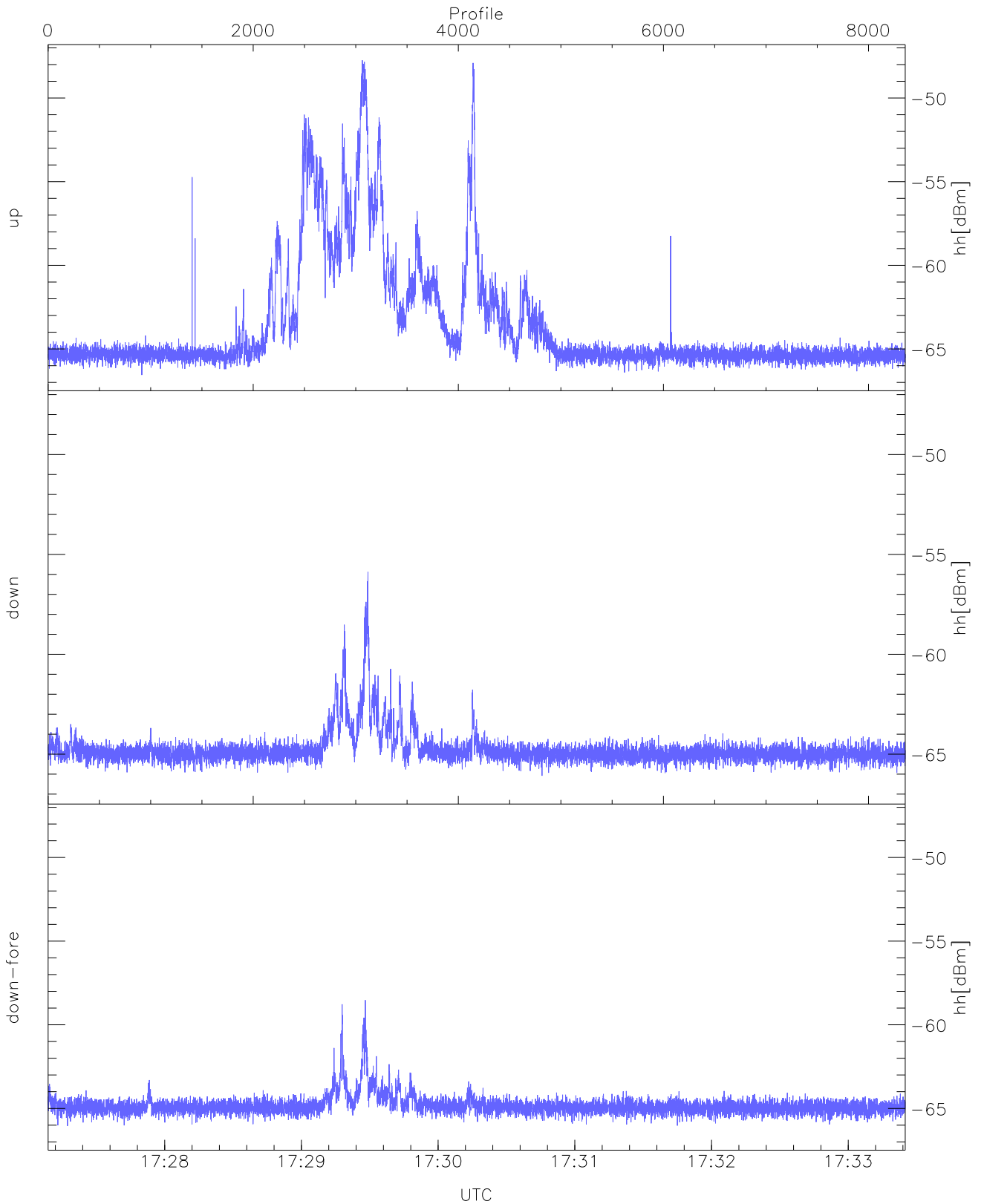
WCR3 CPP Averaged Received power for all recorded gates  
blue: 172709-173017, 4180 profiles averaged  
red: 173017-173325, 4180 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 172709-173017, 4180 profiles averaged  
red: 173017-173325, 4180 profiles averaged

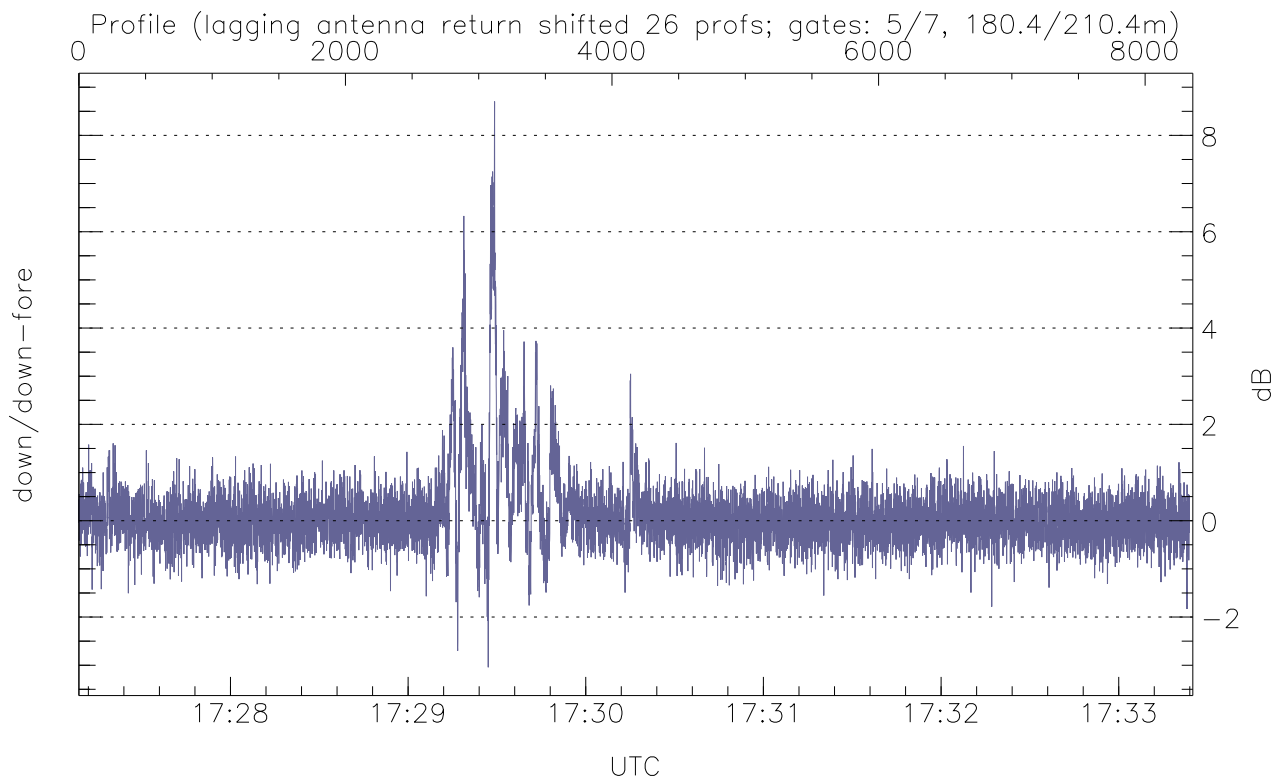
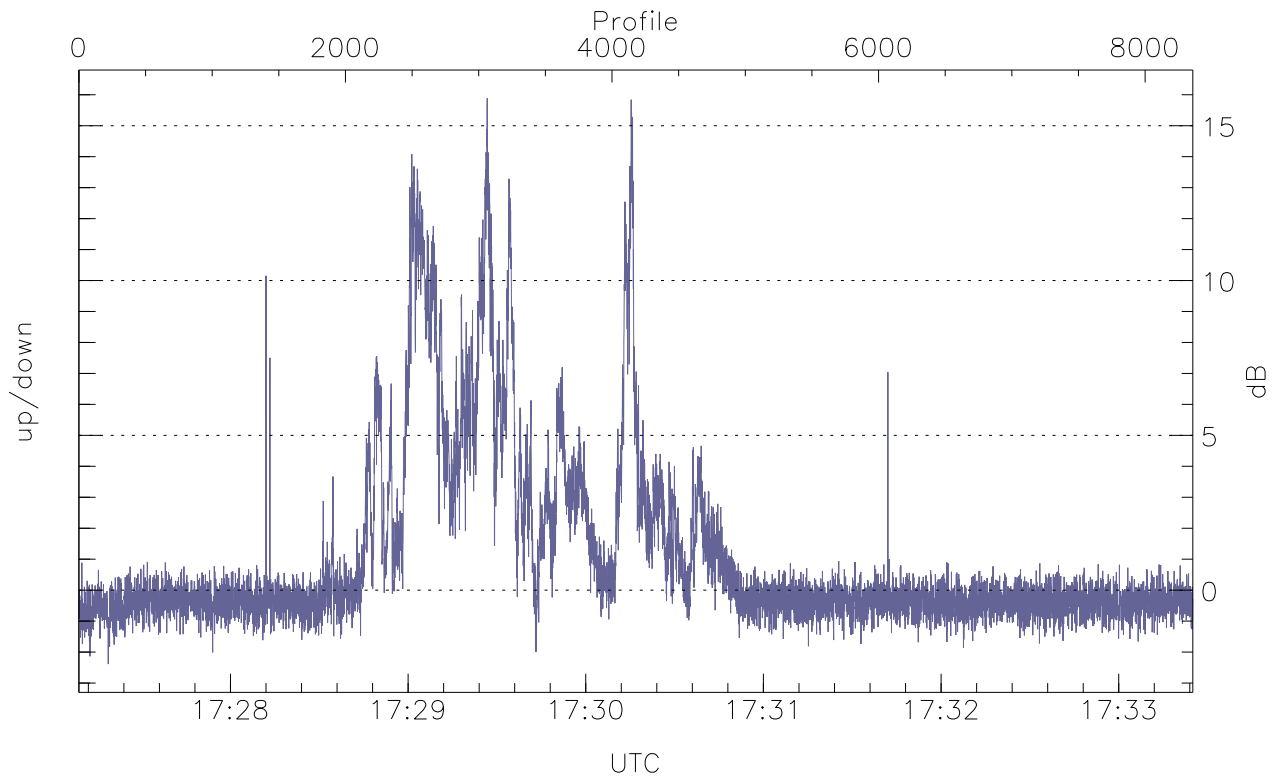


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



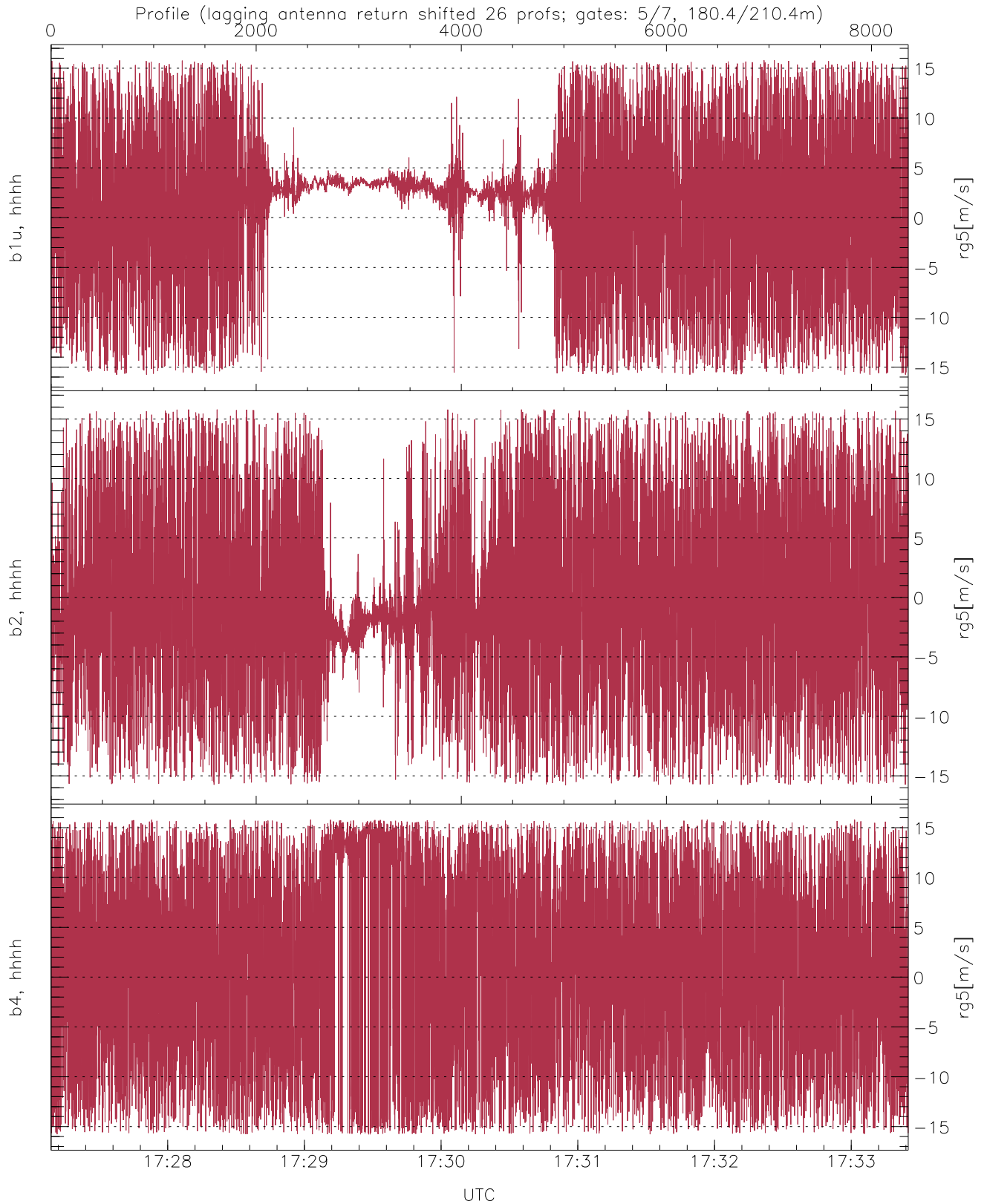
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.56	-47.75	-61.36
down(hh[dBm])	-66.08	-55.88	-64.65
down-fore(hh[dBm])	-66.04	-58.53	-64.78



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

	Min	Max	Mean
up/down (dB)	-2.39	15.89	1.14
down/down-fore (dB)	-3.04	8.70	0.13



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	1.10	7.12
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.38	7.60
b4, hhhh(rg5[m/s])	-15.78	15.79	0.84	9.57