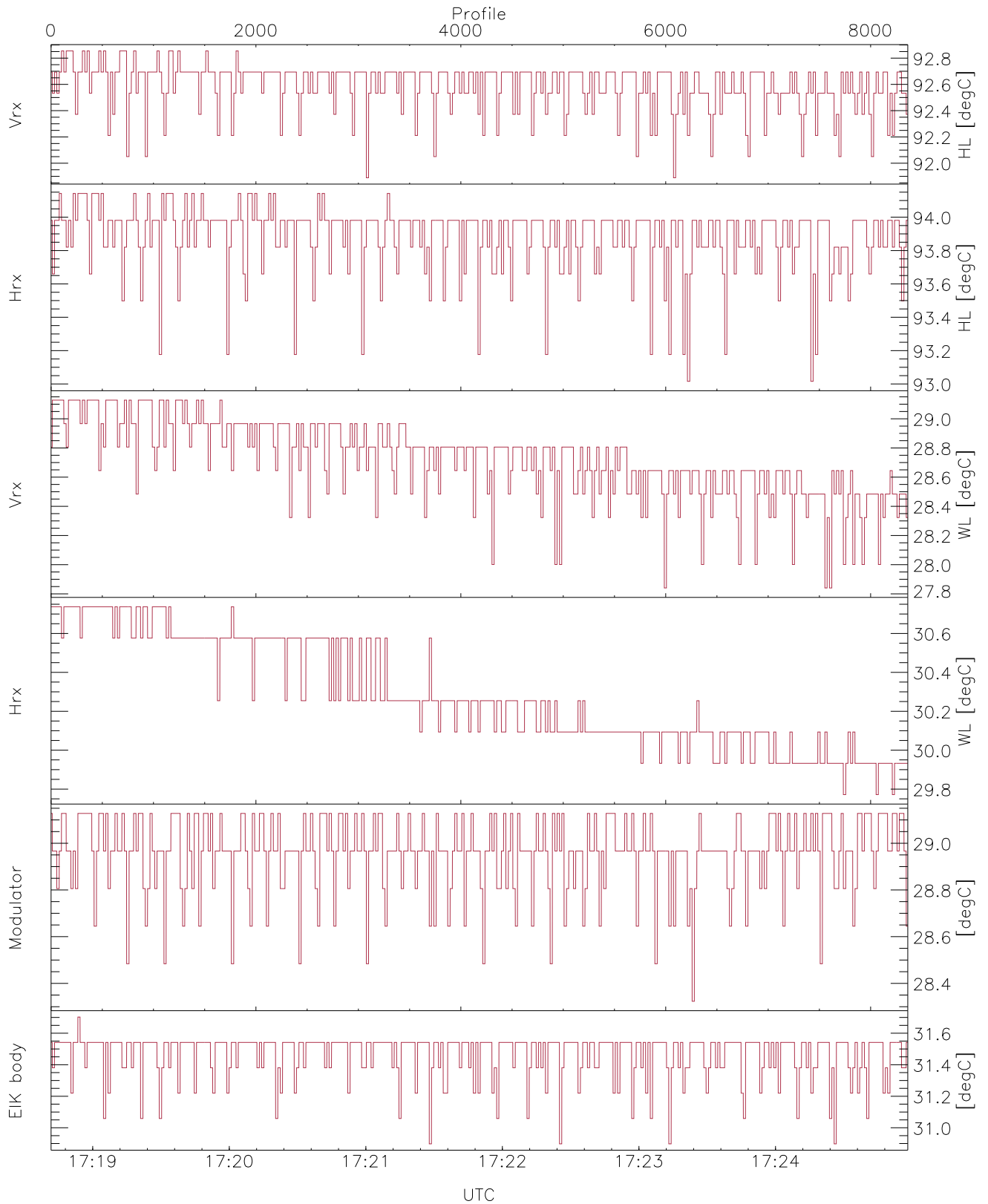


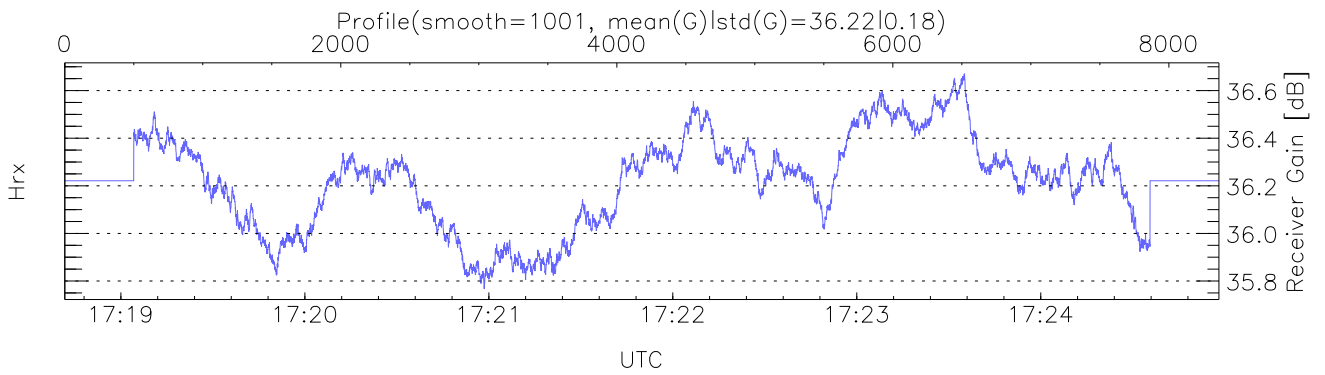
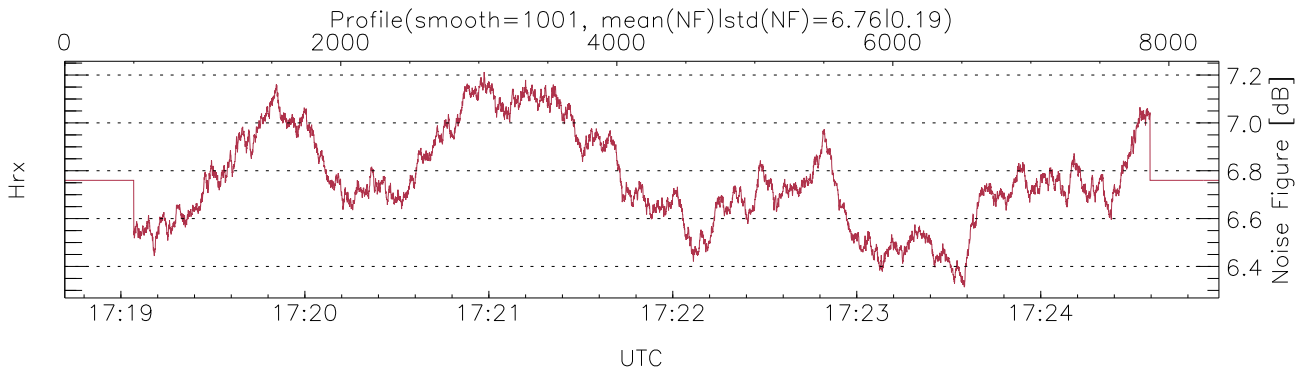
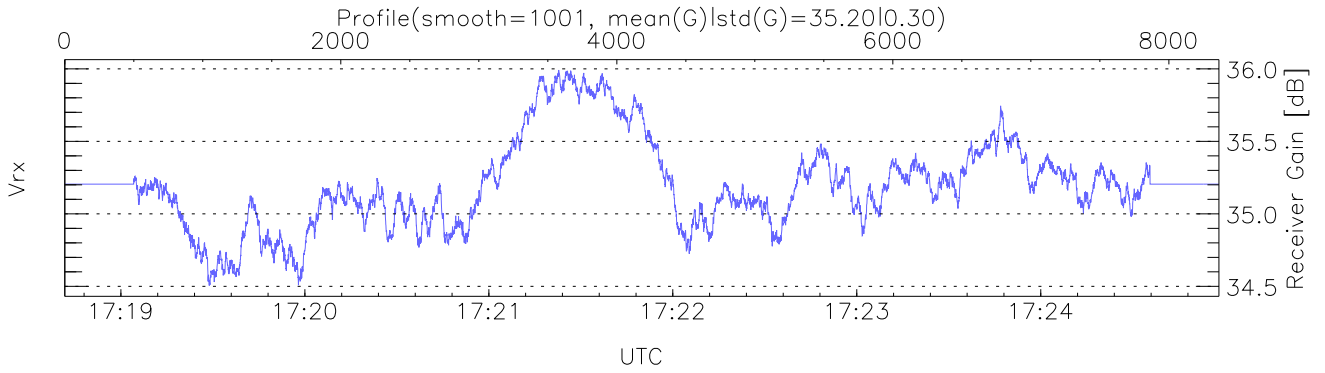
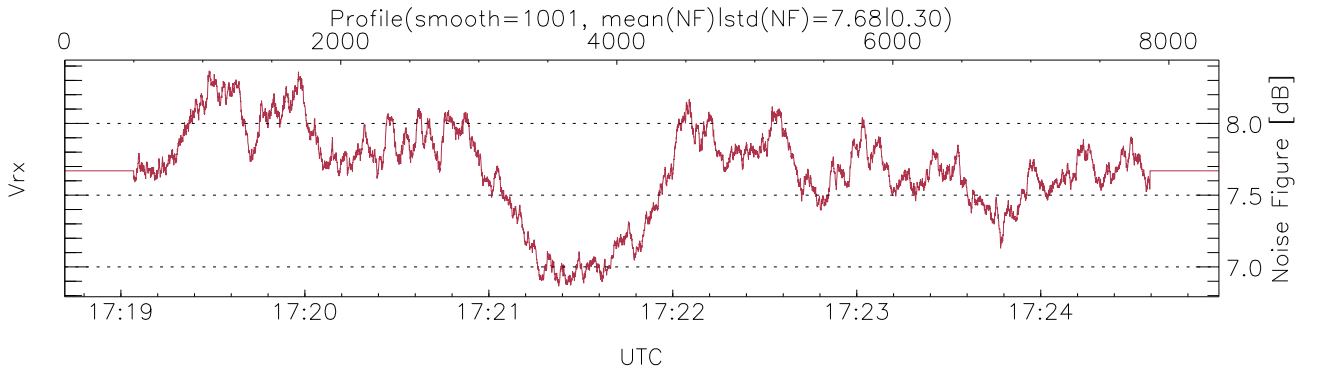
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:18:42-17:24:58, TimeCor: 0.00s, Dur: 376.43s  
 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): 8364/8364, 0-8363/17:18:42-17:24:58  
 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7  
 Mirror(-910112,3,9x = no mirror|sideluplerror): 3



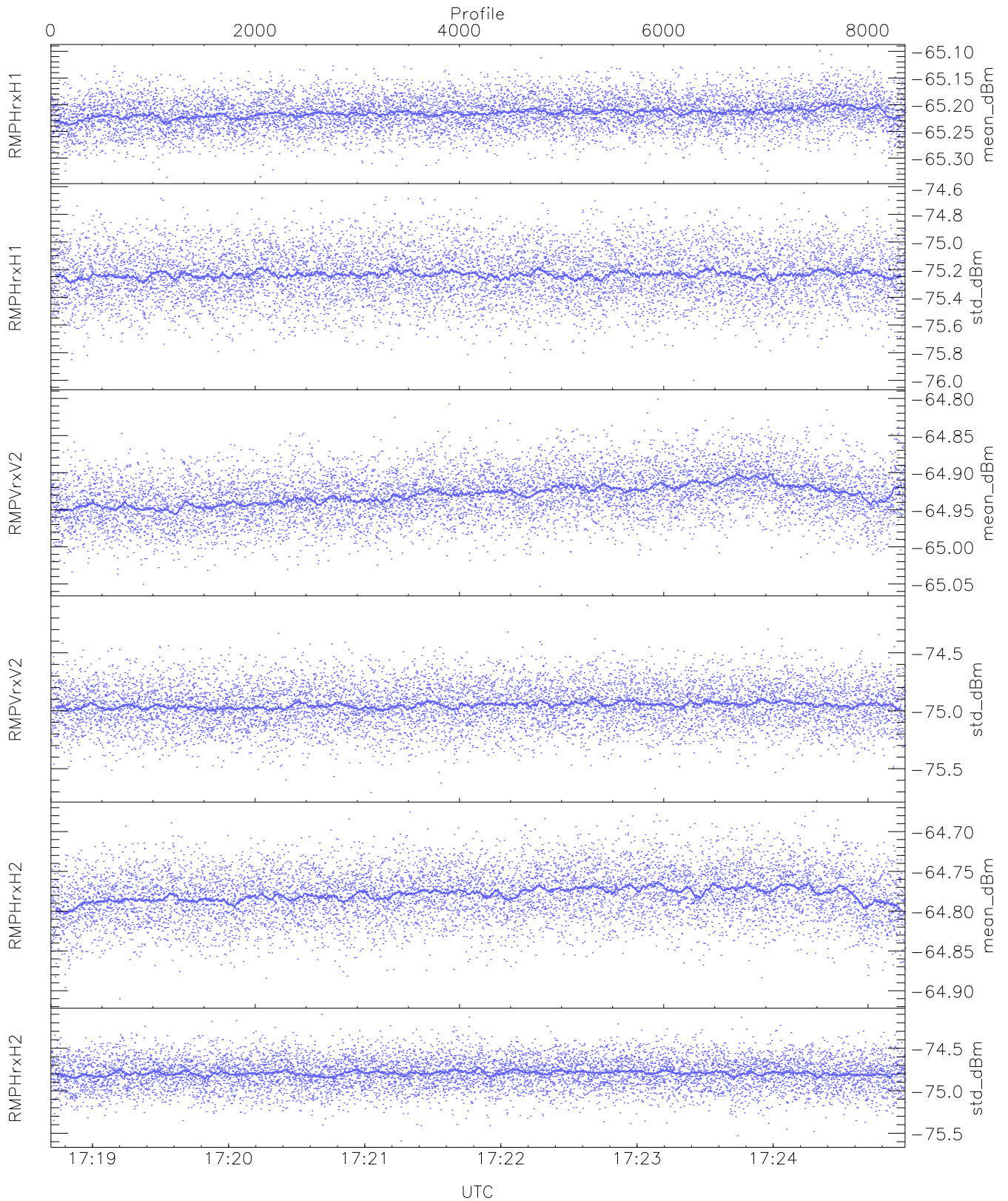
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,27,29,28,30  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,29,30,29,31  
 LOalarm(20,240,2817,14861 MHz): None  
 EIK/Modulator Faults: None



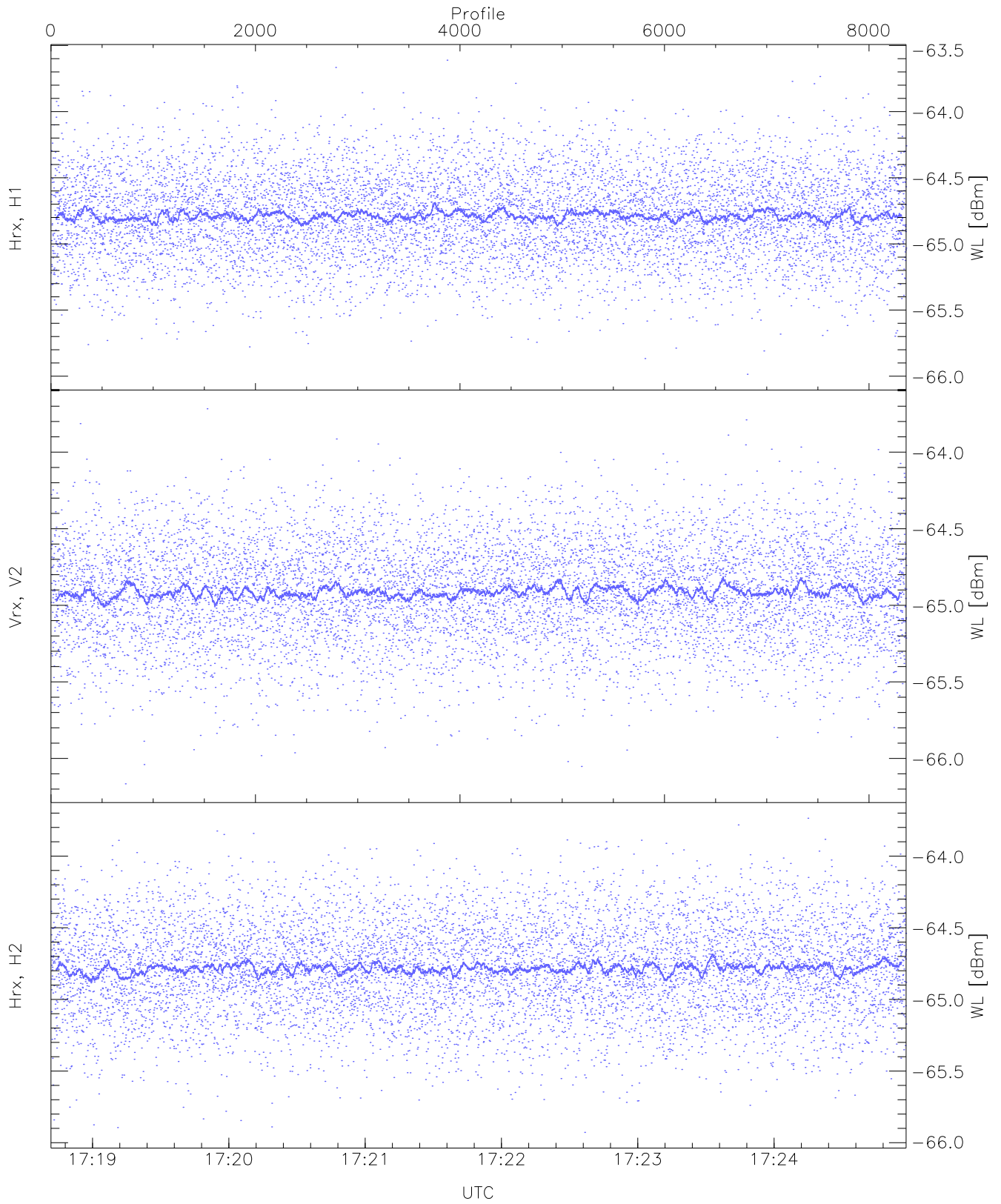
### WCR3 CPP Receivers Gain and Noise Figure

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



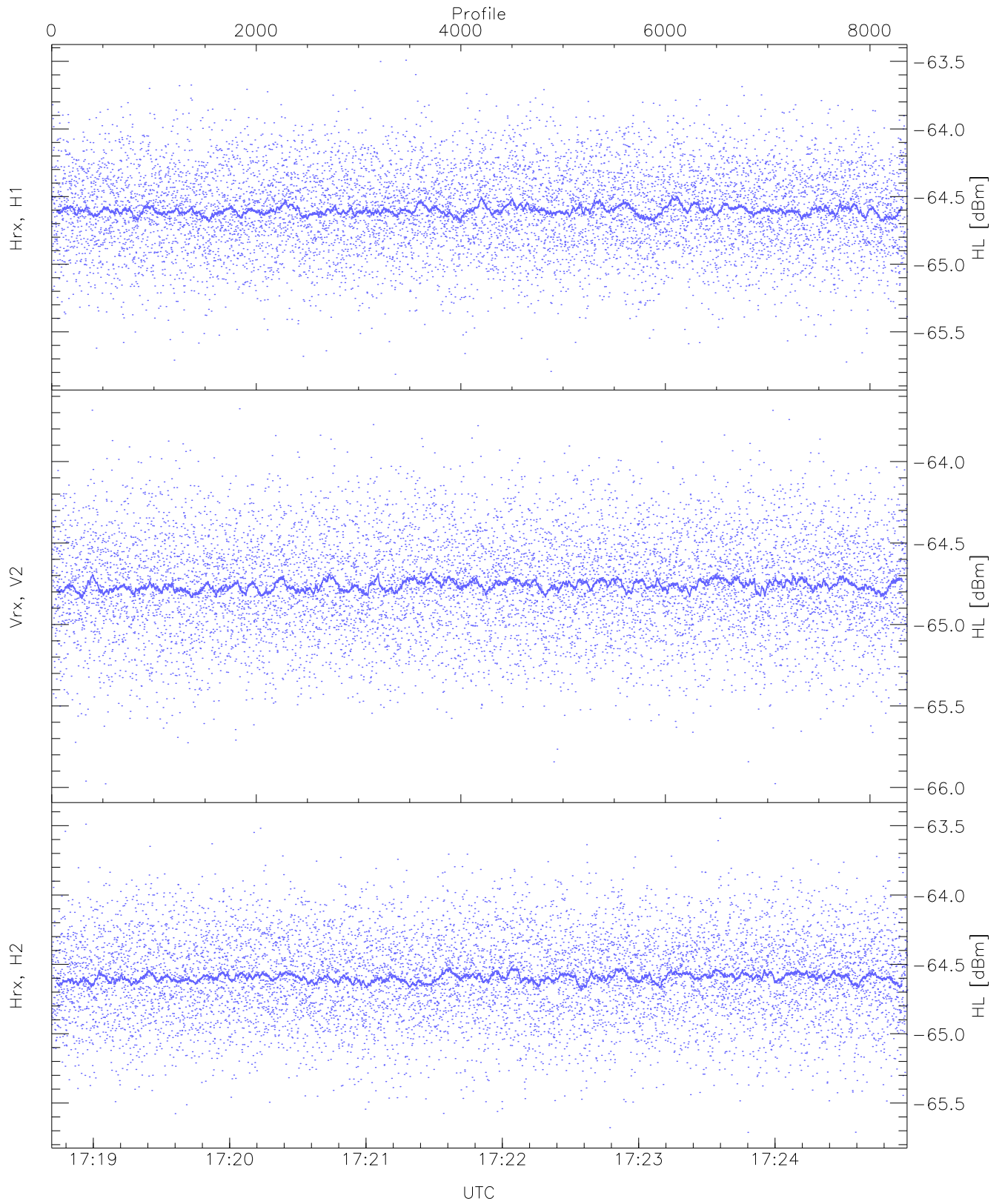
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.34	-65.10	-65.22	-65.22	-86.71
RMPHrxH1(std_dBm)	-76.00	-74.65	-75.23	-75.24	-89.00
RMPVrxV2(mean_dBm)	-65.05	-64.80	-64.93	-64.93	-86.24
RMPVrxV2(std_dBm)	-75.71	-74.09	-74.95	-74.95	-88.74
RMPHrxH2(mean_dBm)	-64.91	-64.67	-64.78	-64.78	-86.24
RMPHrxH2(std_dBm)	-75.59	-74.10	-74.79	-74.79	-88.59



WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

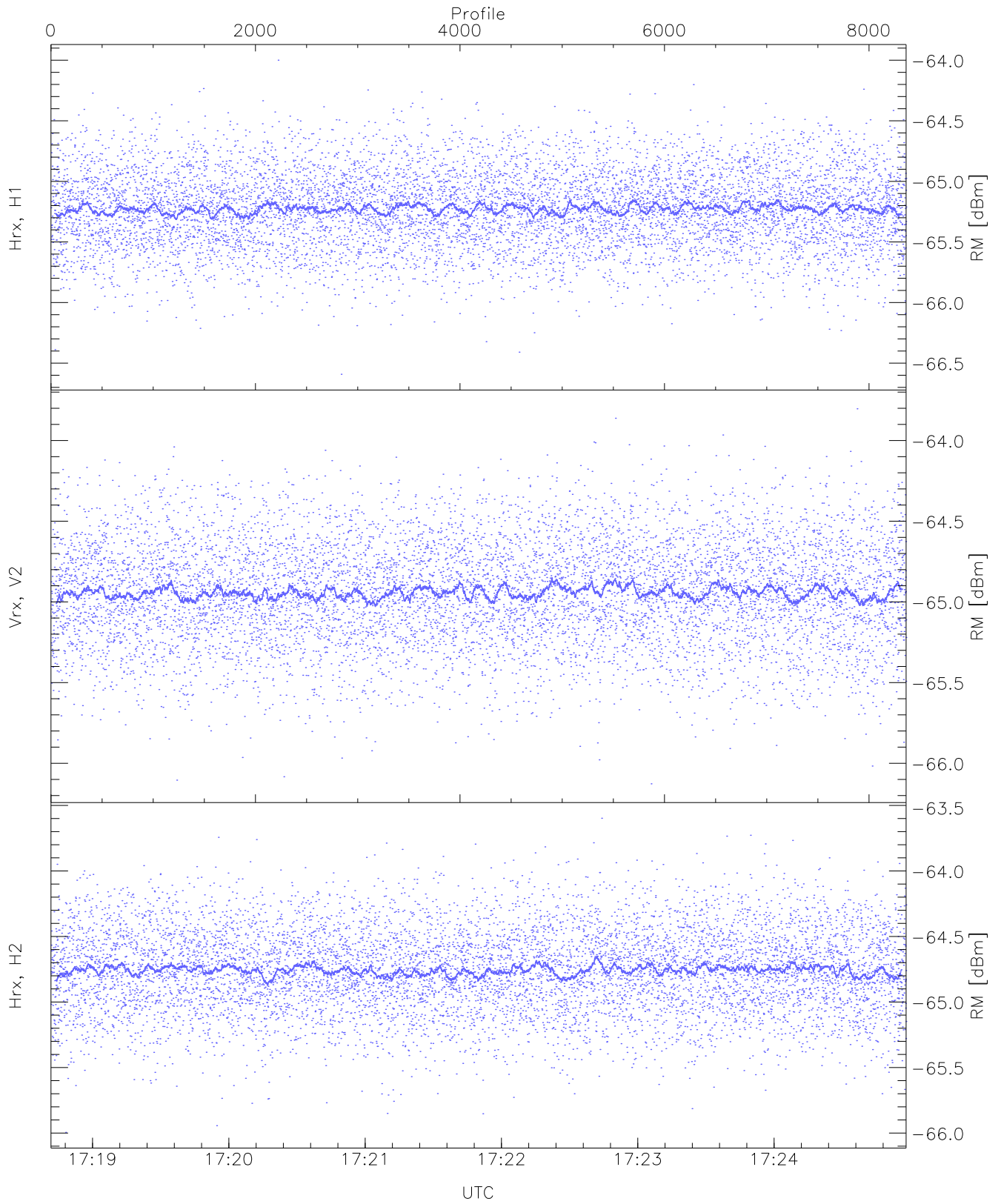
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.99	-63.61	-64.78	-64.79	-76.28
Vrx, V2 (WL [dBm])	-66.17	-63.72	-64.91	-64.91	-76.44
Hrx, H2 (WL [dBm])	-65.93	-63.74	-64.78	-64.78	-76.26



WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

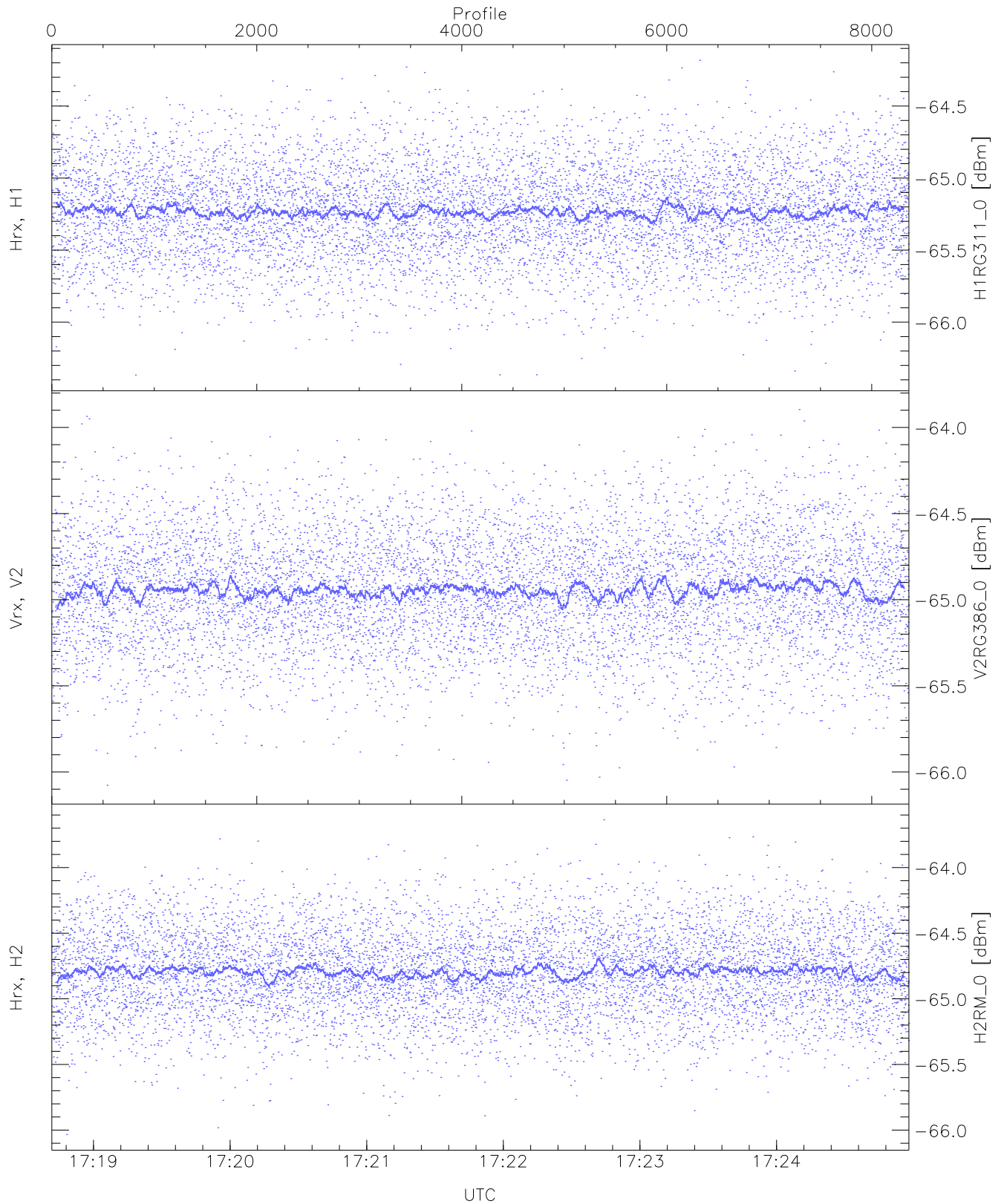
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.81	-63.49	-64.59	-64.60	-76.11
Vrx, V2 (HL [dBm])	-65.98	-63.68	-64.75	-64.76	-76.28
Hrx, H2 (HL [dBm])	-65.71	-63.45	-64.59	-64.59	-76.09





WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

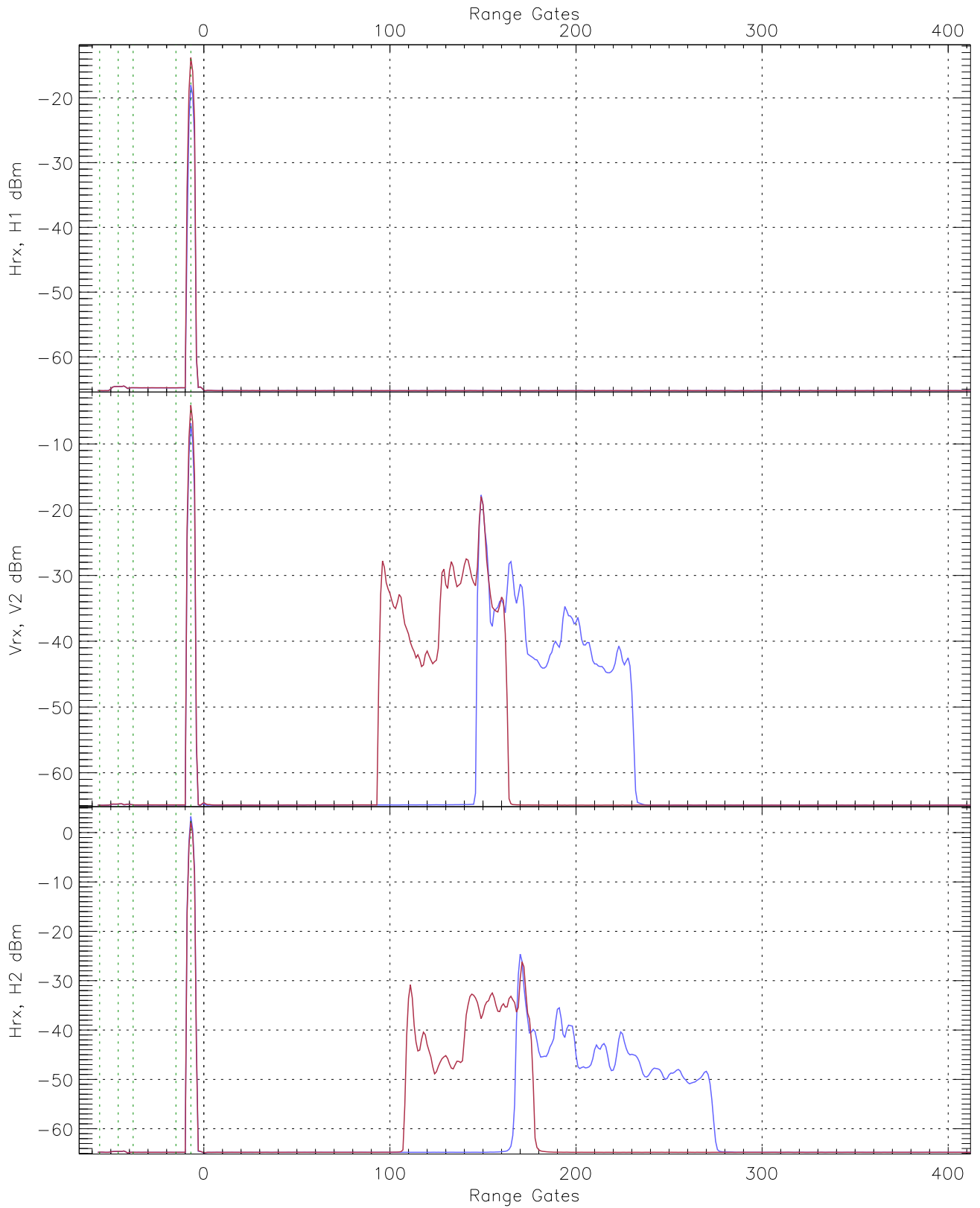
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.59	-64.00	-65.22	-65.22	-76.70
Vrx, V2 (RM [dBm])	-66.13	-63.80	-64.93	-64.94	-76.43
Hrx, H2 (RM [dBm])	-65.99	-63.60	-64.75	-64.76	-76.25



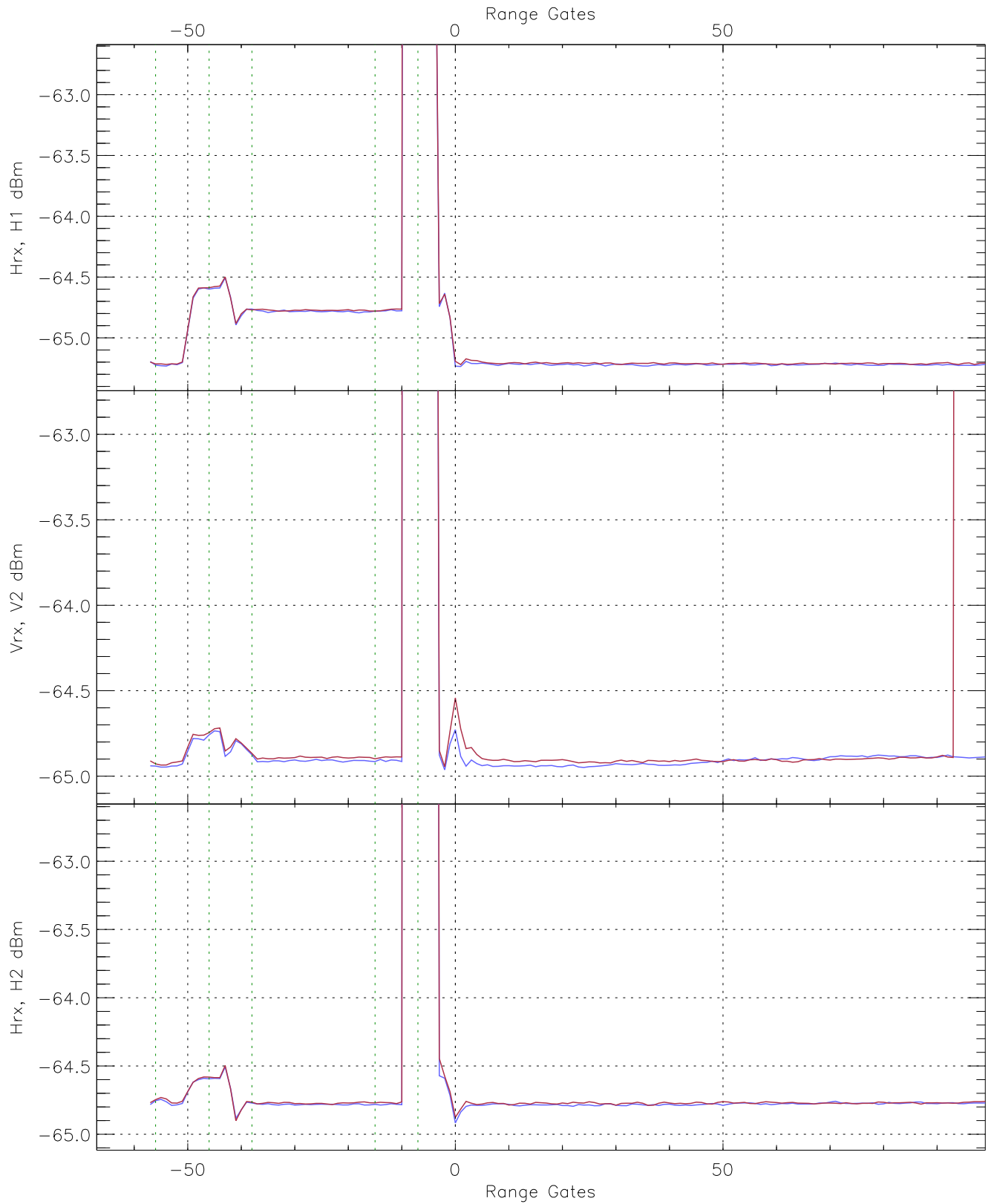
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG311_0 [dBm]	-66.37	-64.18	-65.23	-65.23	-76.72
V2RG386_0 [dBm]	-66.08	-63.90	-64.94	-64.95	-76.41
H2RM_0 [dBm]	-66.03	-63.64	-64.79	-64.80	-76.28

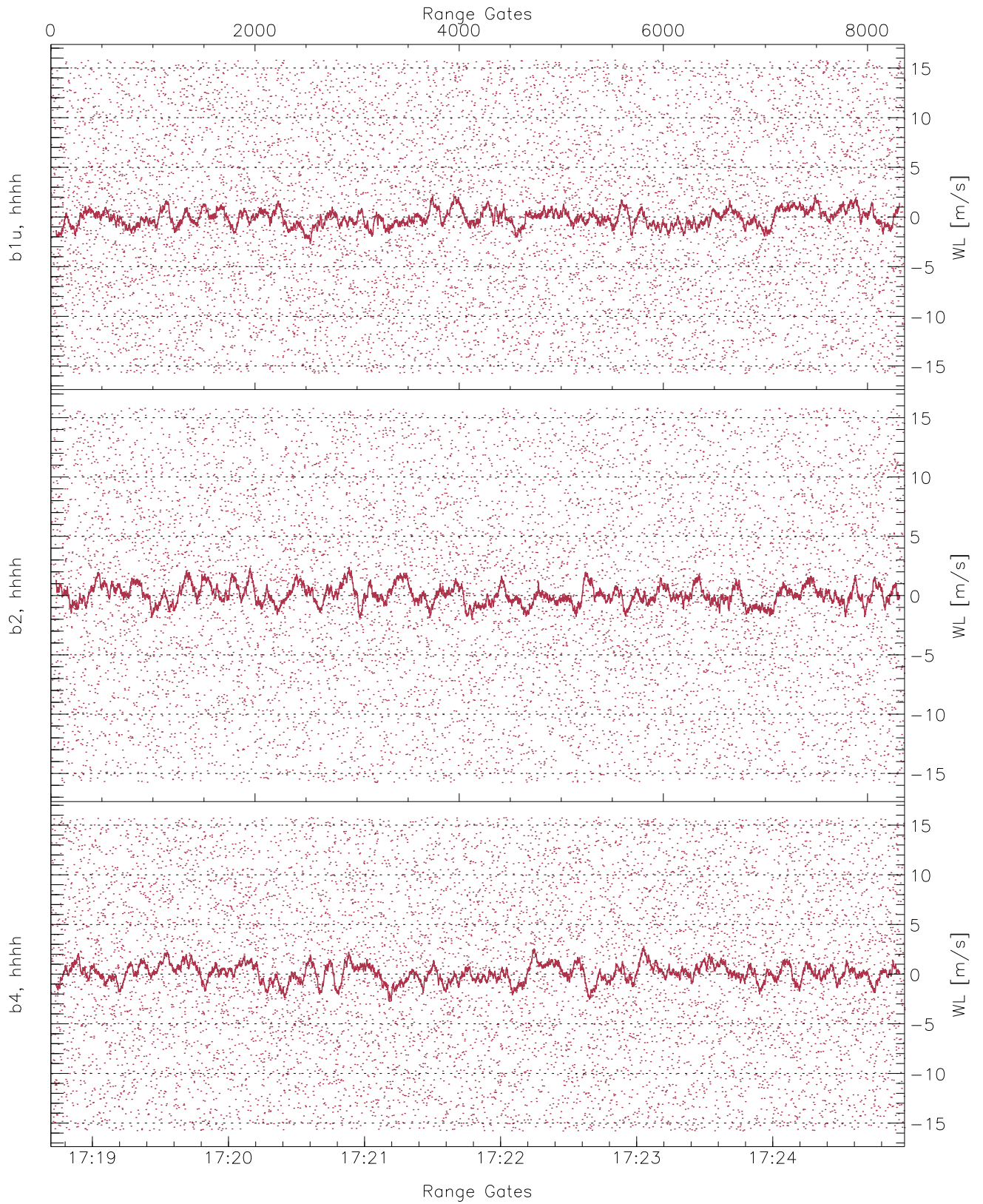




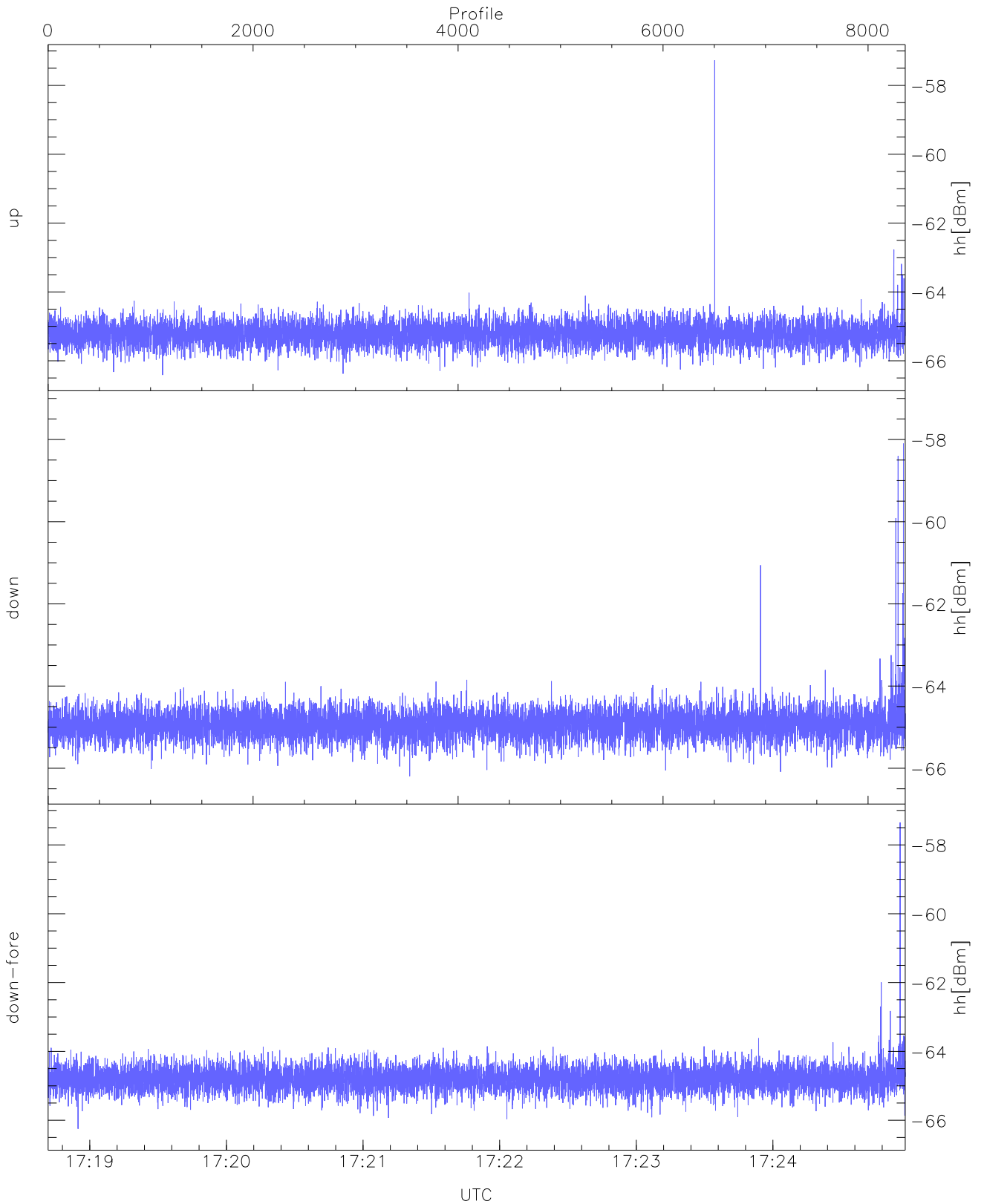
WCR3 CPP Averaged Received power for all recorded gates  
blue: 171842-172150, 4183 profiles averaged  
red: 172150-172458, 4182 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 171842-172150, 4183 profiles averaged  
red: 172150-172458, 4182 profiles averaged

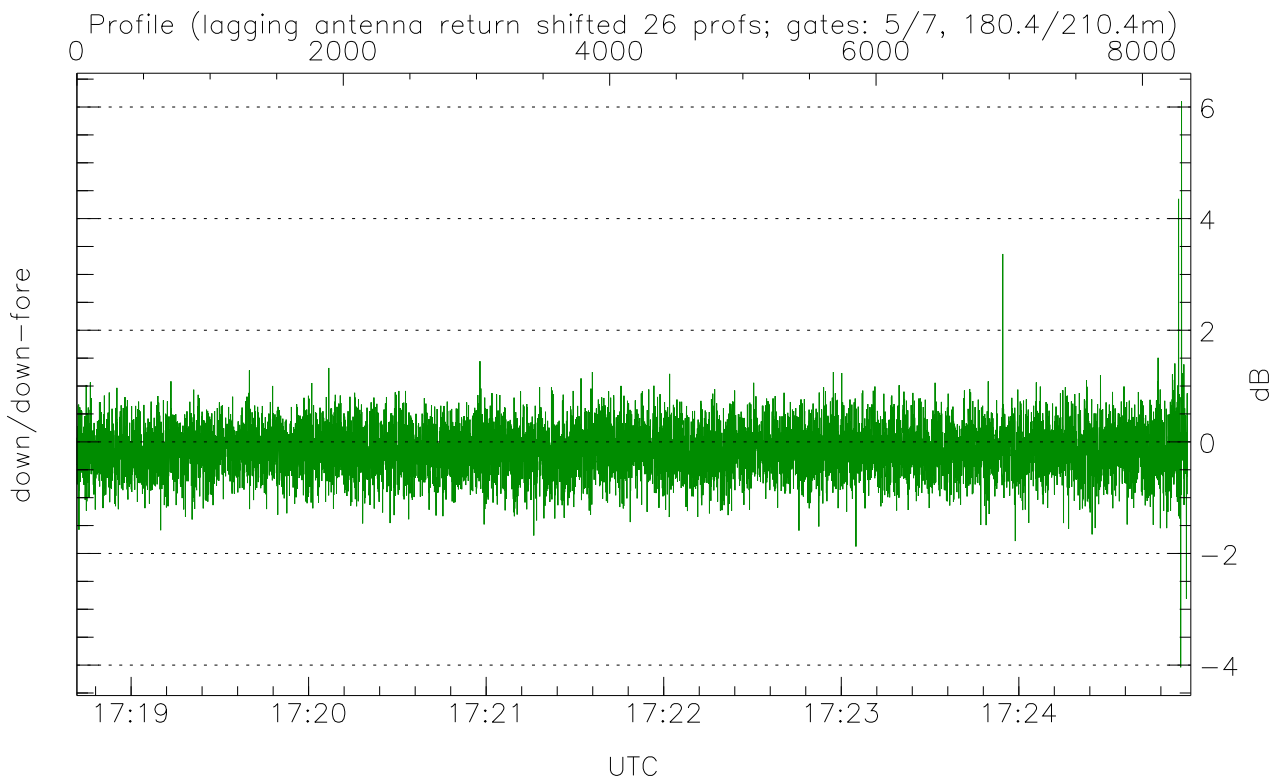
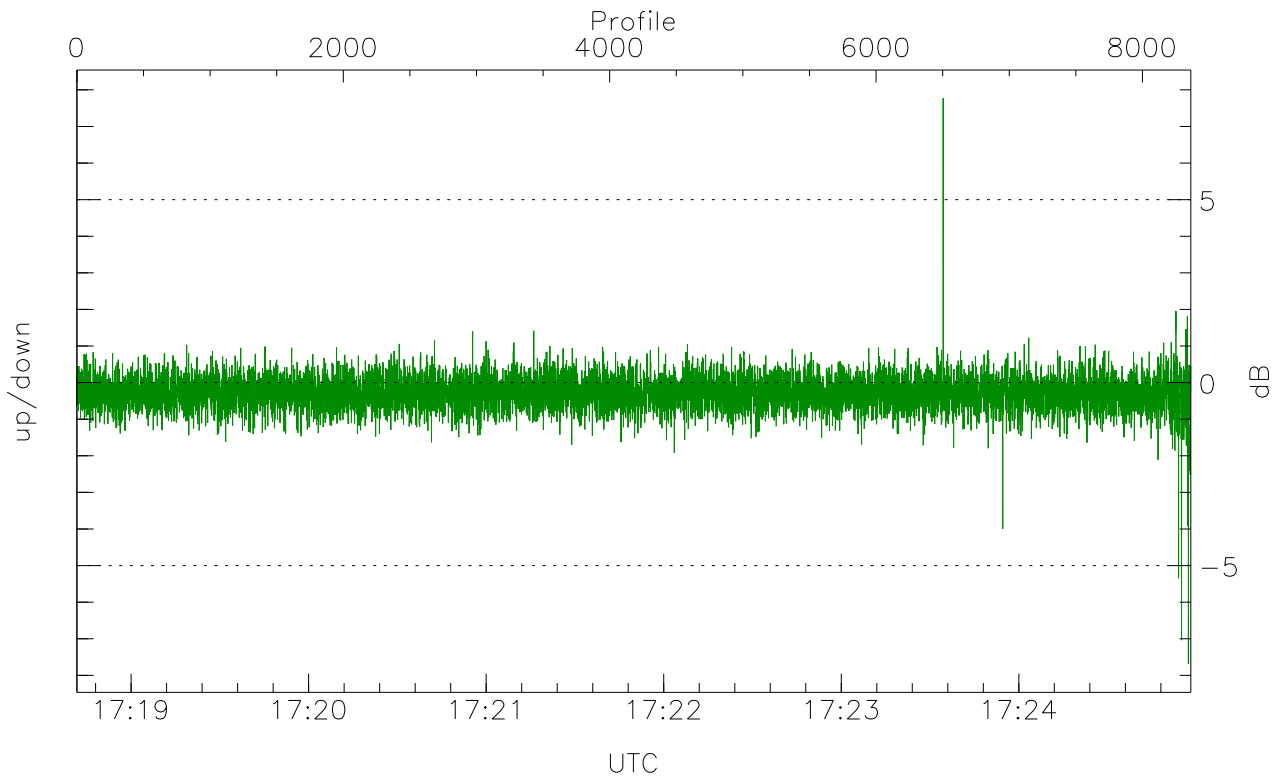


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



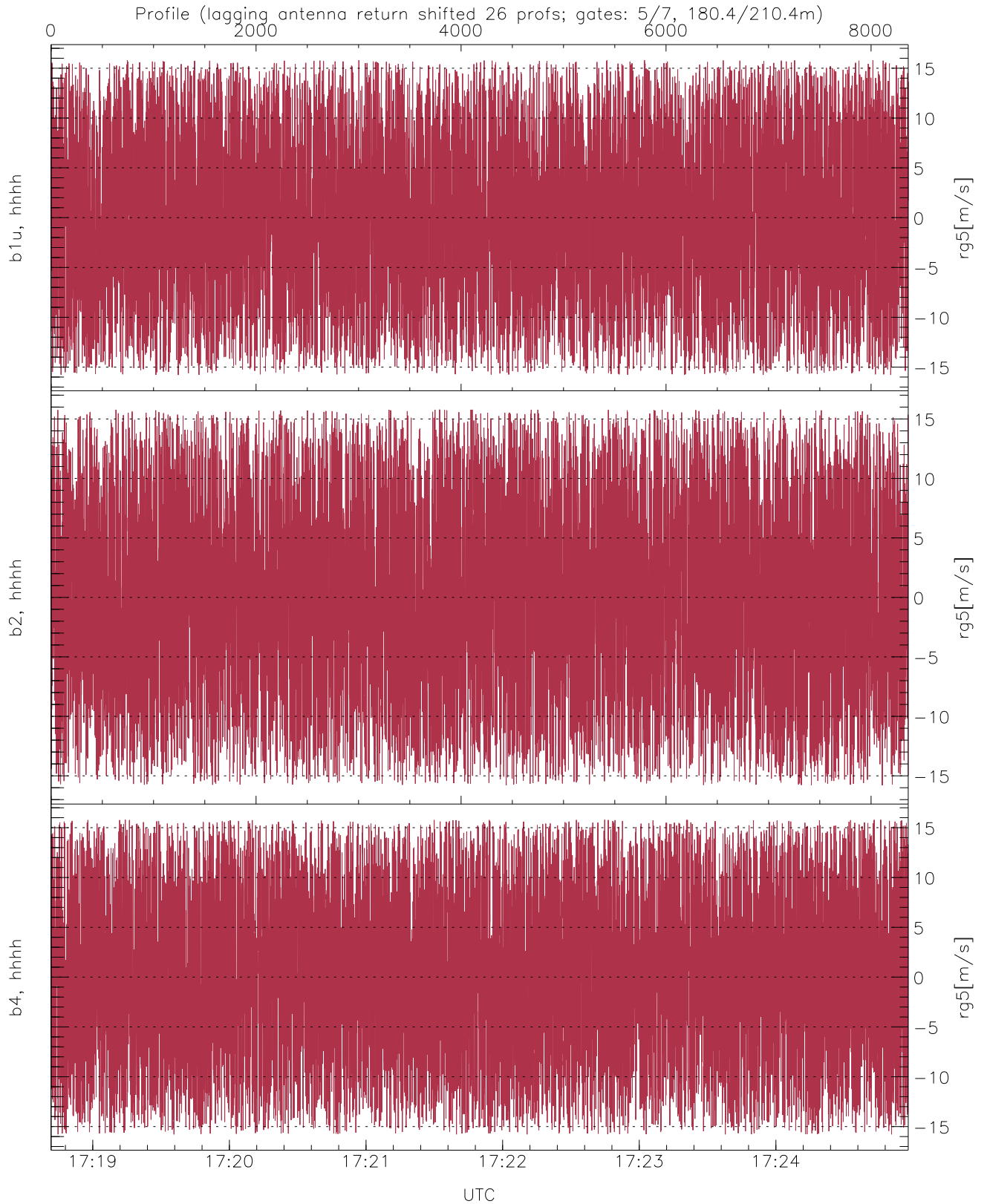
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.41	-57.27	-65.20
down(hh[dBm])	-66.19	-58.10	-64.92
down-fore(hh[dBm])	-66.25	-57.35	-64.78



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

	Min	Max	Mean
up/down (dB)	-7.69	7.77	-0.28
down/down-fore (dB)	-4.04	6.10	-0.15



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	-0.12	8.60
b2, hhhh(rg5[m/s])	-15.78	15.79	0.03	8.57
b4, hhhh(rg5[m/s])	-15.79	15.79	0.00	8.77