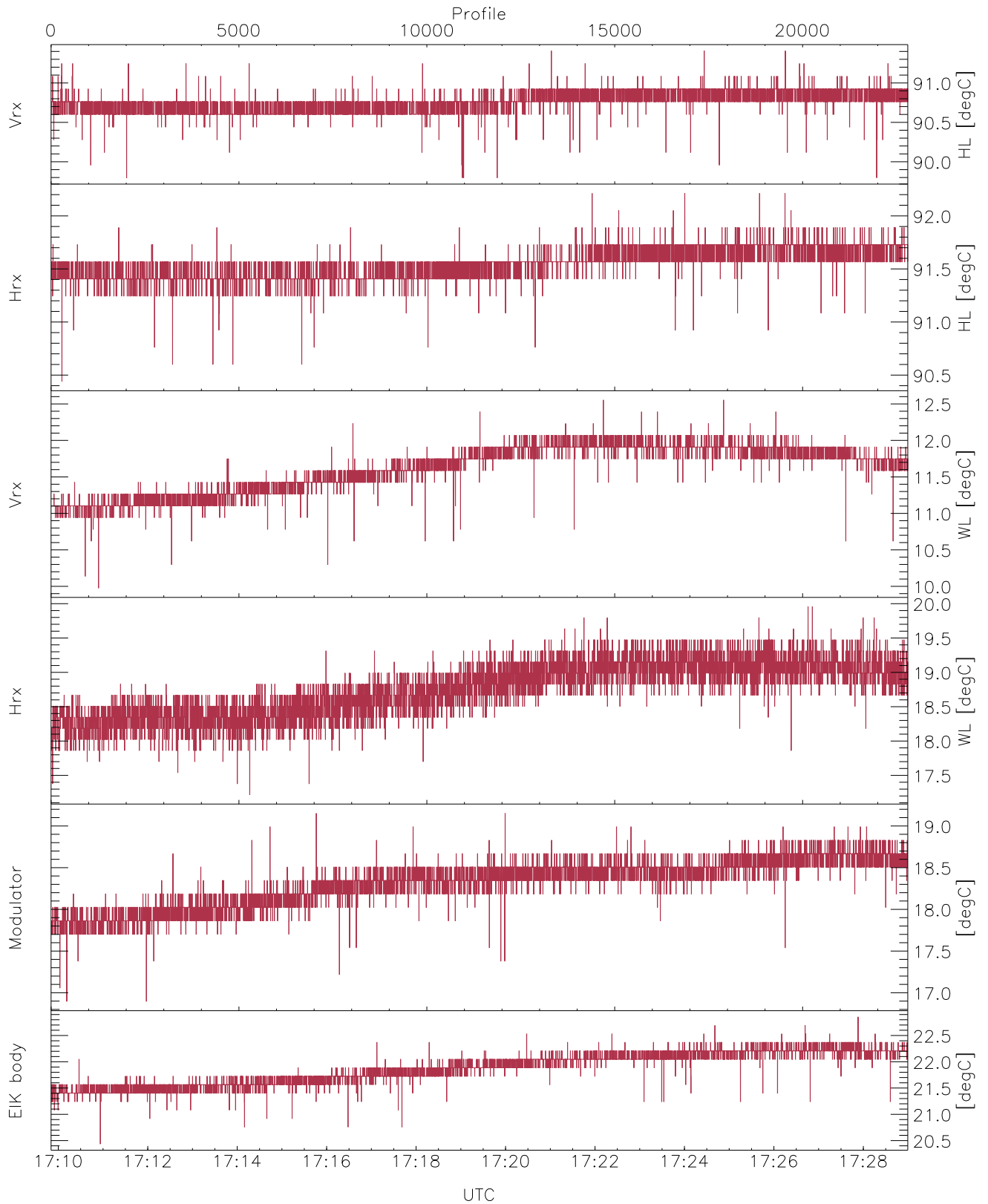


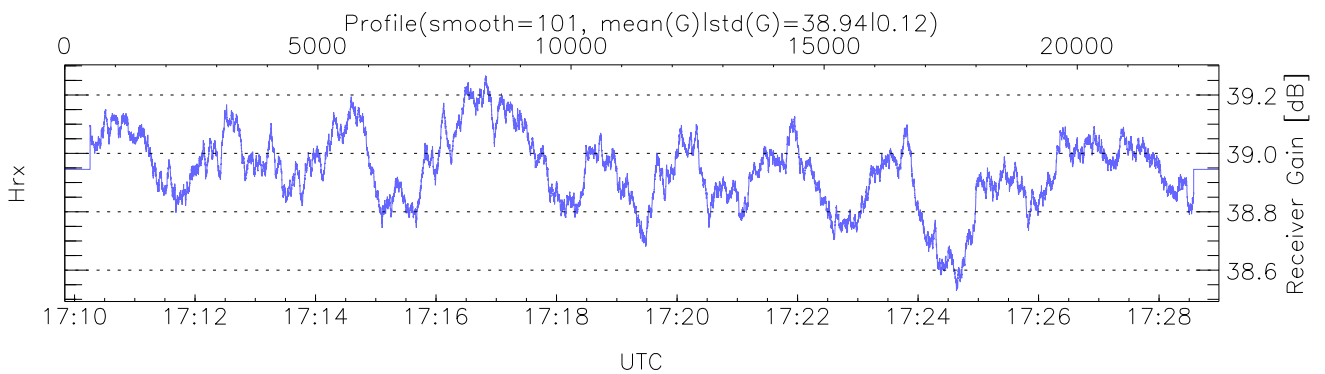
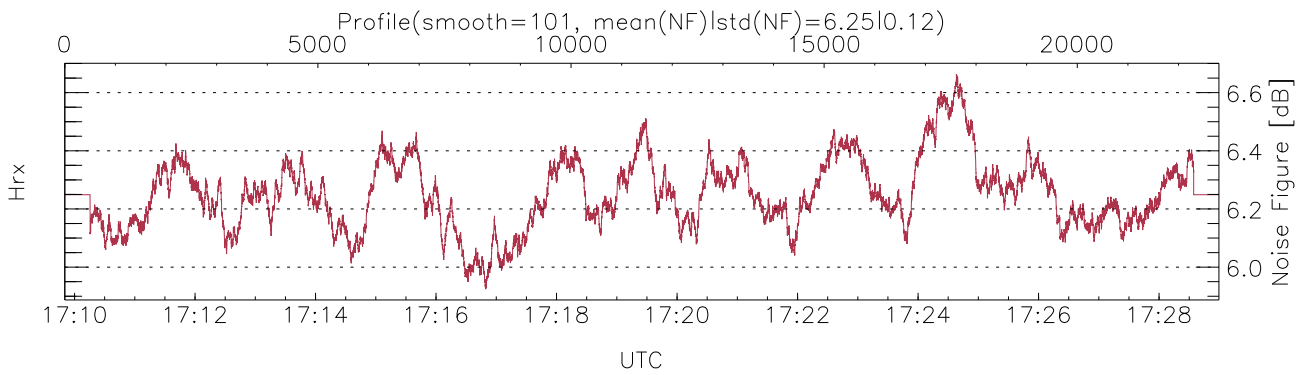
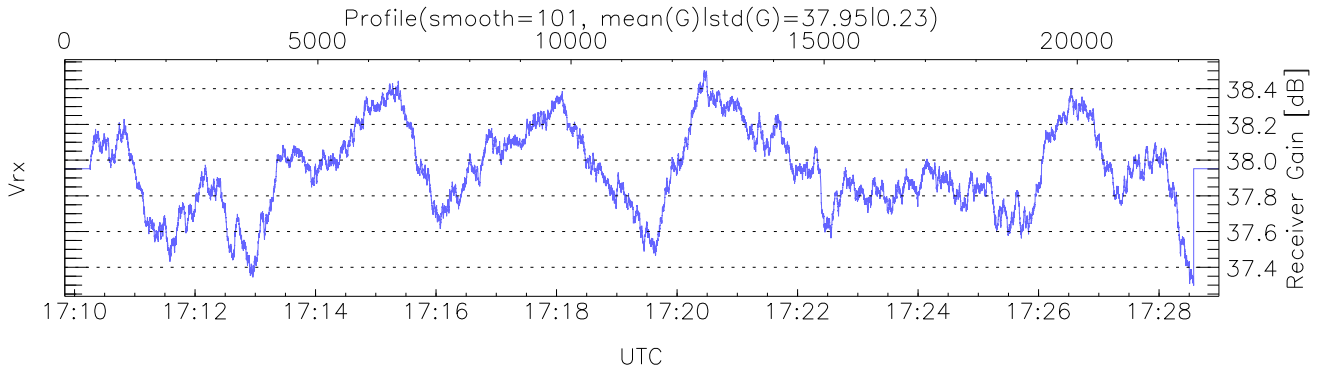
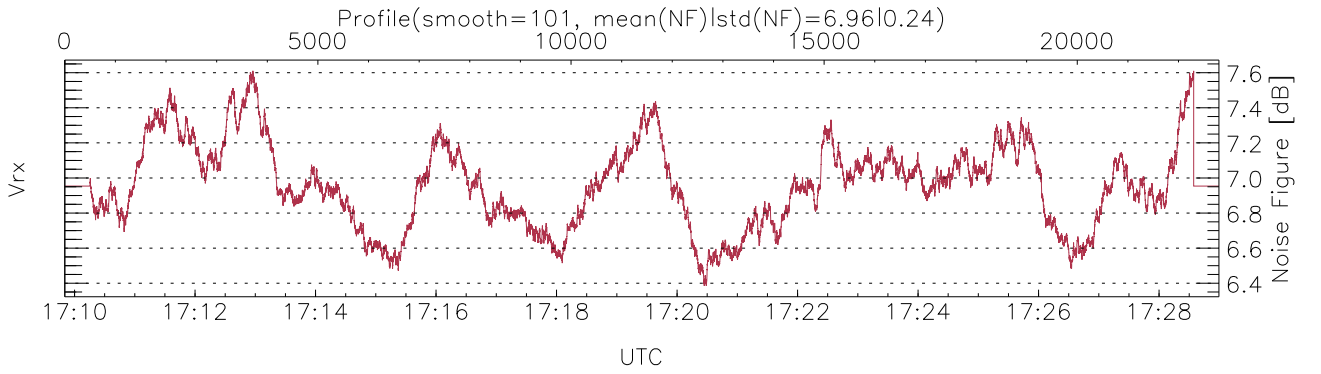
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:09:50-17:45:39, Dur: 2149.14s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20  
 NumRec(r/t): 22800/42632, 0-22799/17:09:50-17:29:00  
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168  
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2  
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rqs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



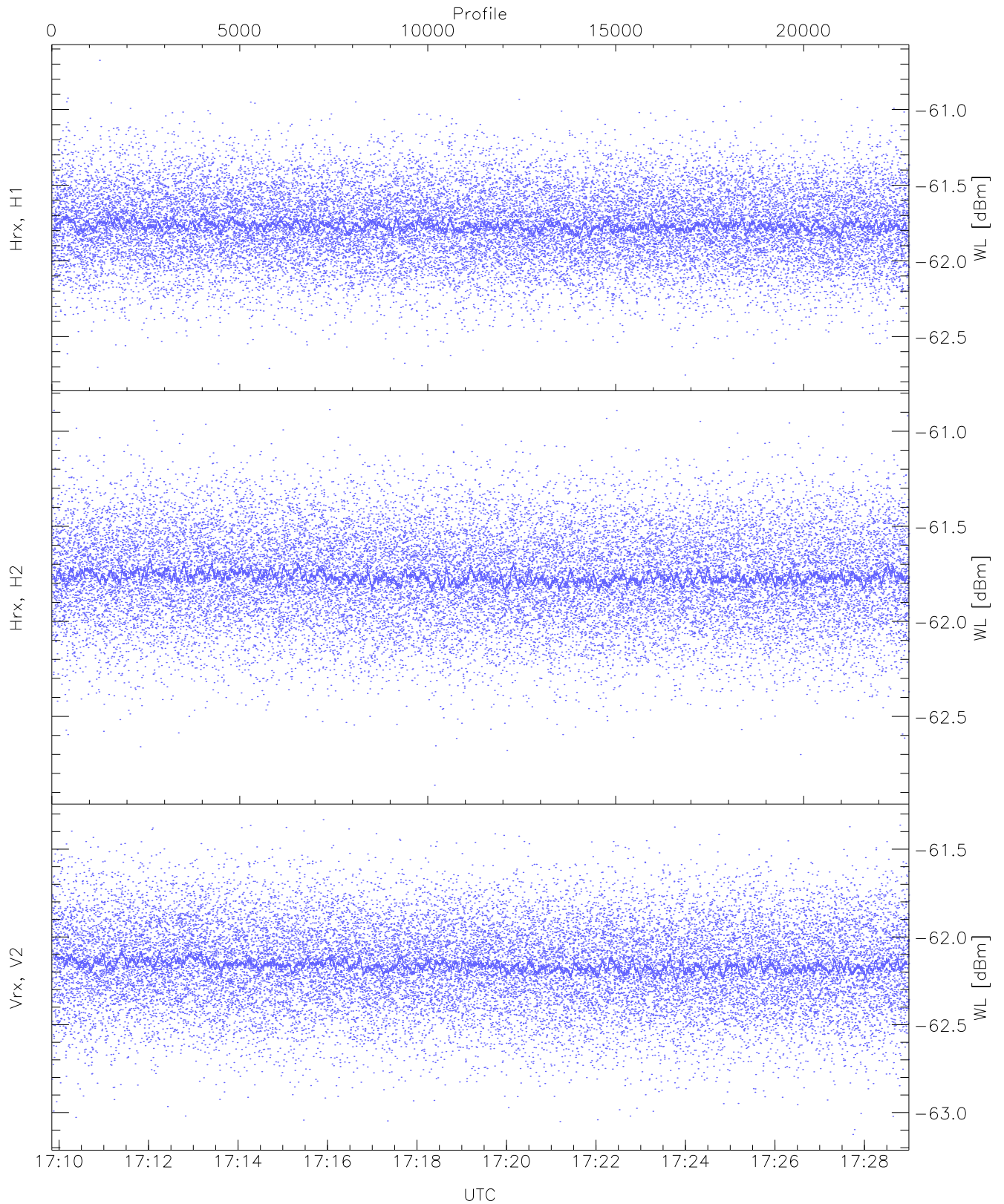
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,90,9,17,16,20  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,12,19,19,22  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK/Modulator Faults: None



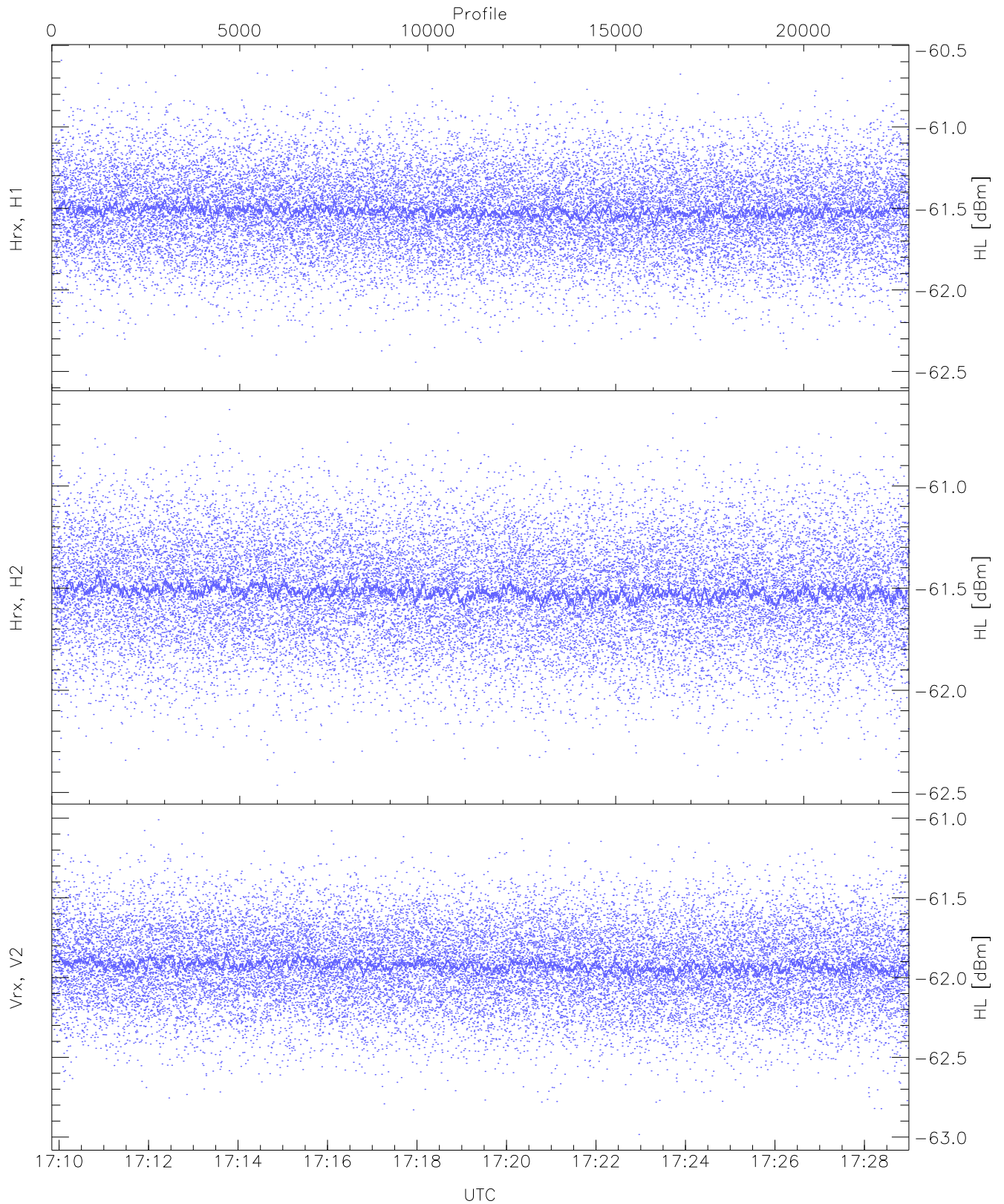
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 29271 pixs, 129 gates, 20211 profs, 2 prods



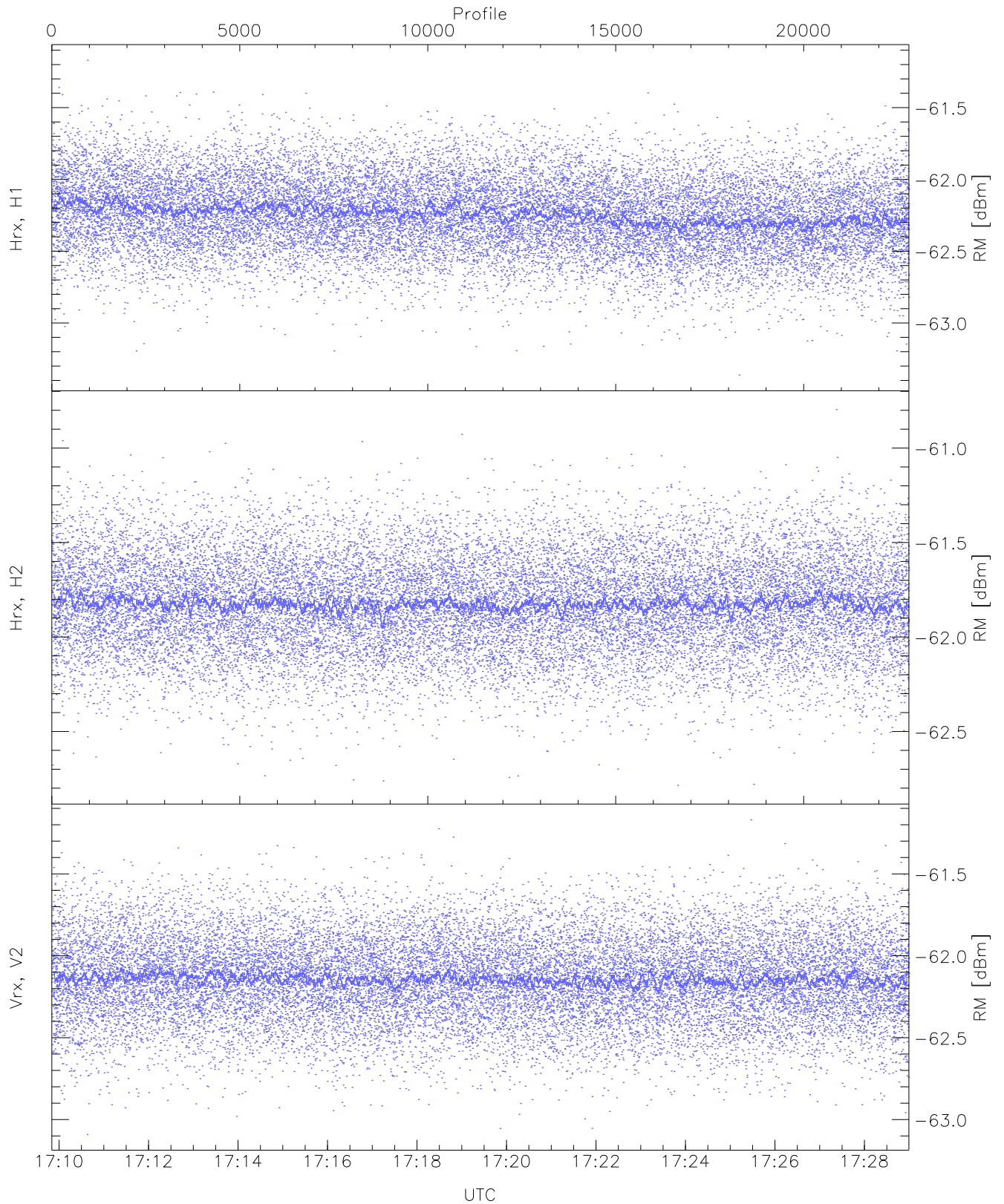
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.75	-60.67	-61.76	-61.77	-74.31
Hrx, H2 (WL [dBm])	-62.86	-60.89	-61.76	-61.77	-74.34
Vrx, V2 (WL [dBm])	-63.12	-61.33	-62.16	-62.16	-74.72



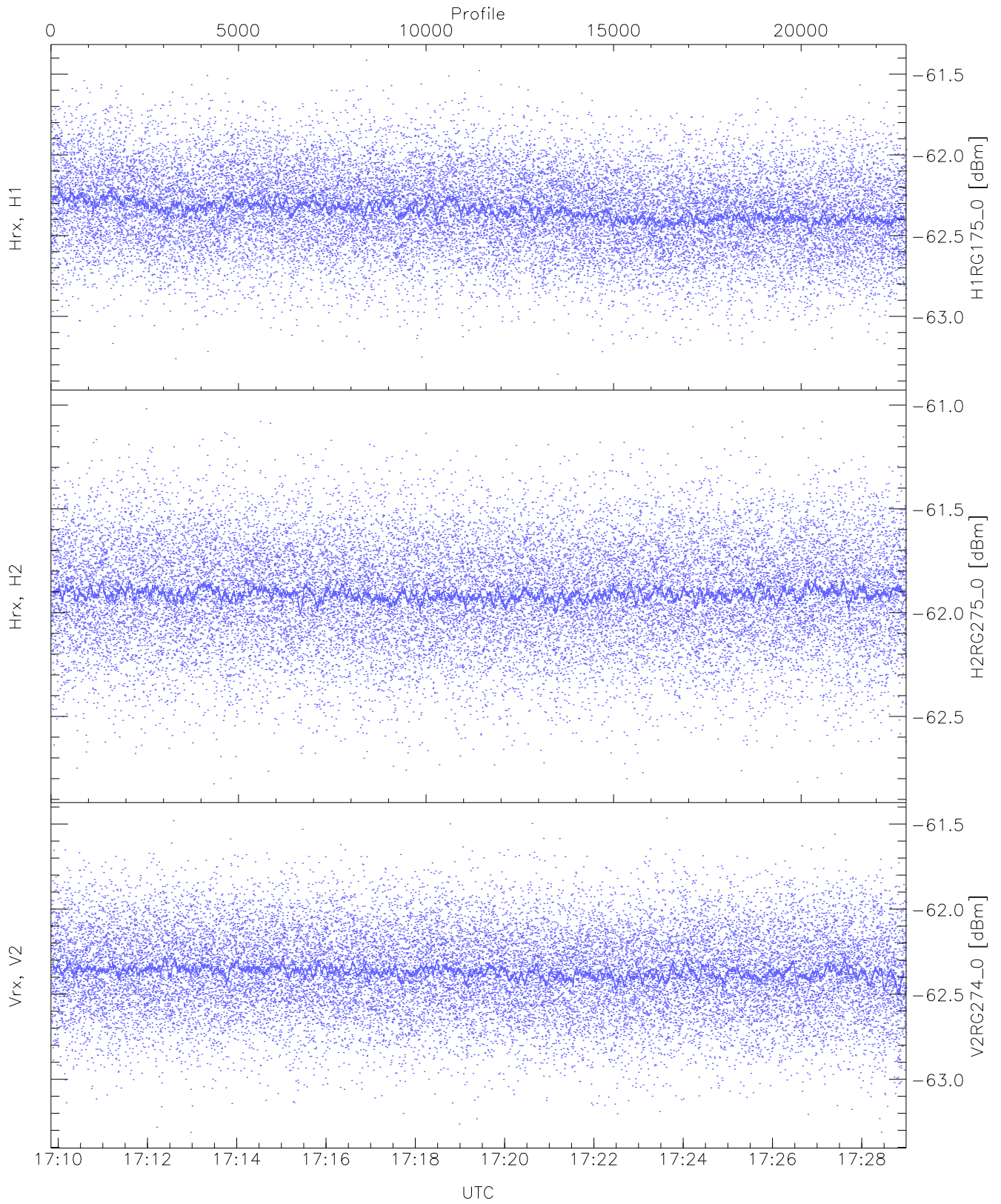
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.52	-60.59	-61.51	-61.52	-74.05
Hrx, H2 (HL [dBm])	-62.46	-60.63	-61.51	-61.52	-74.06
Vrx, V2 (HL [dBm])	-62.98	-61.01	-61.92	-61.93	-74.49



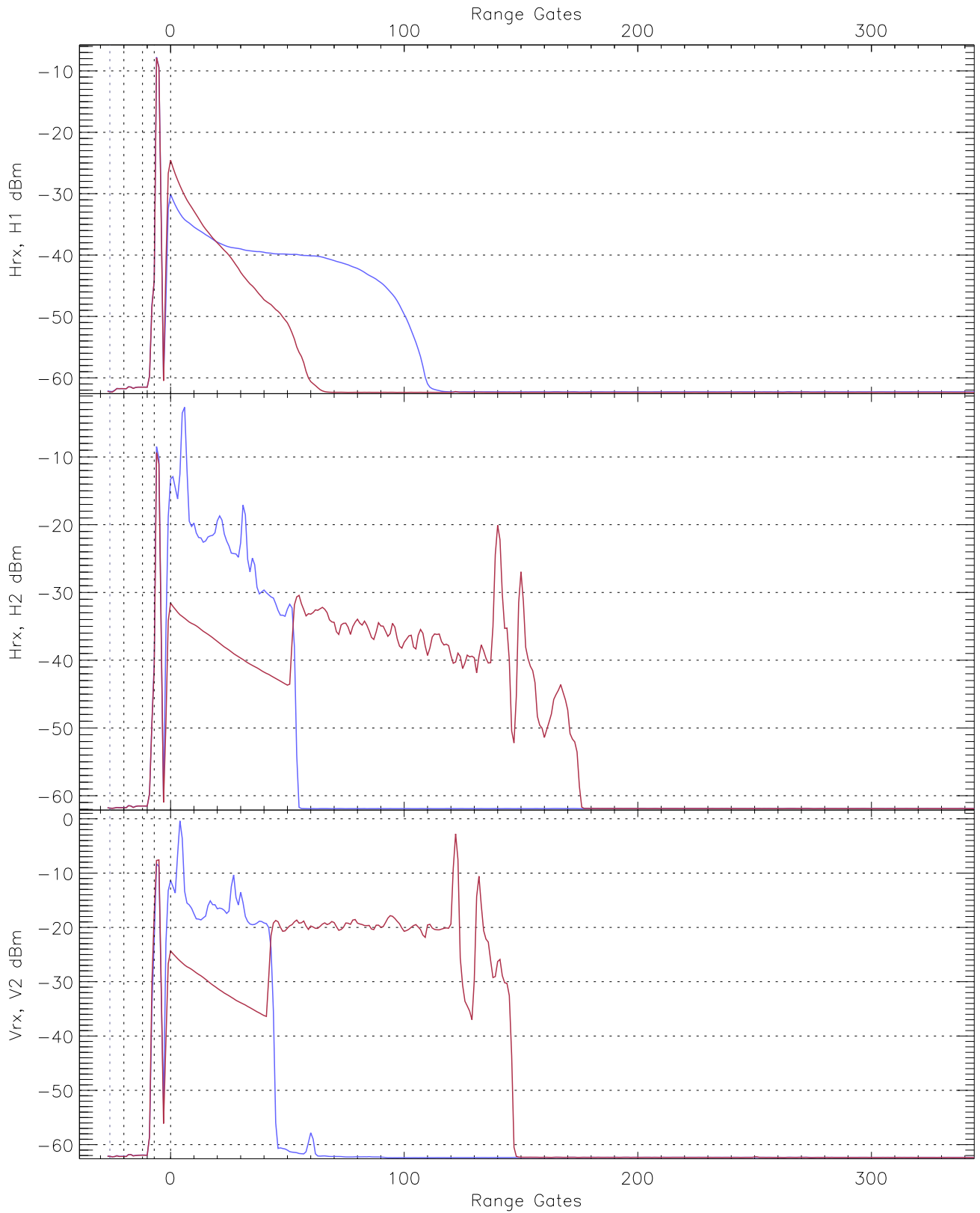
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.36	-61.17	-62.24	-62.25	-74.69
Hrx, H2 (RM [dBm])	-62.78	-60.80	-61.82	-61.83	-74.41
Vrx, V2 (RM [dBm])	-63.09	-61.17	-62.14	-62.15	-74.71



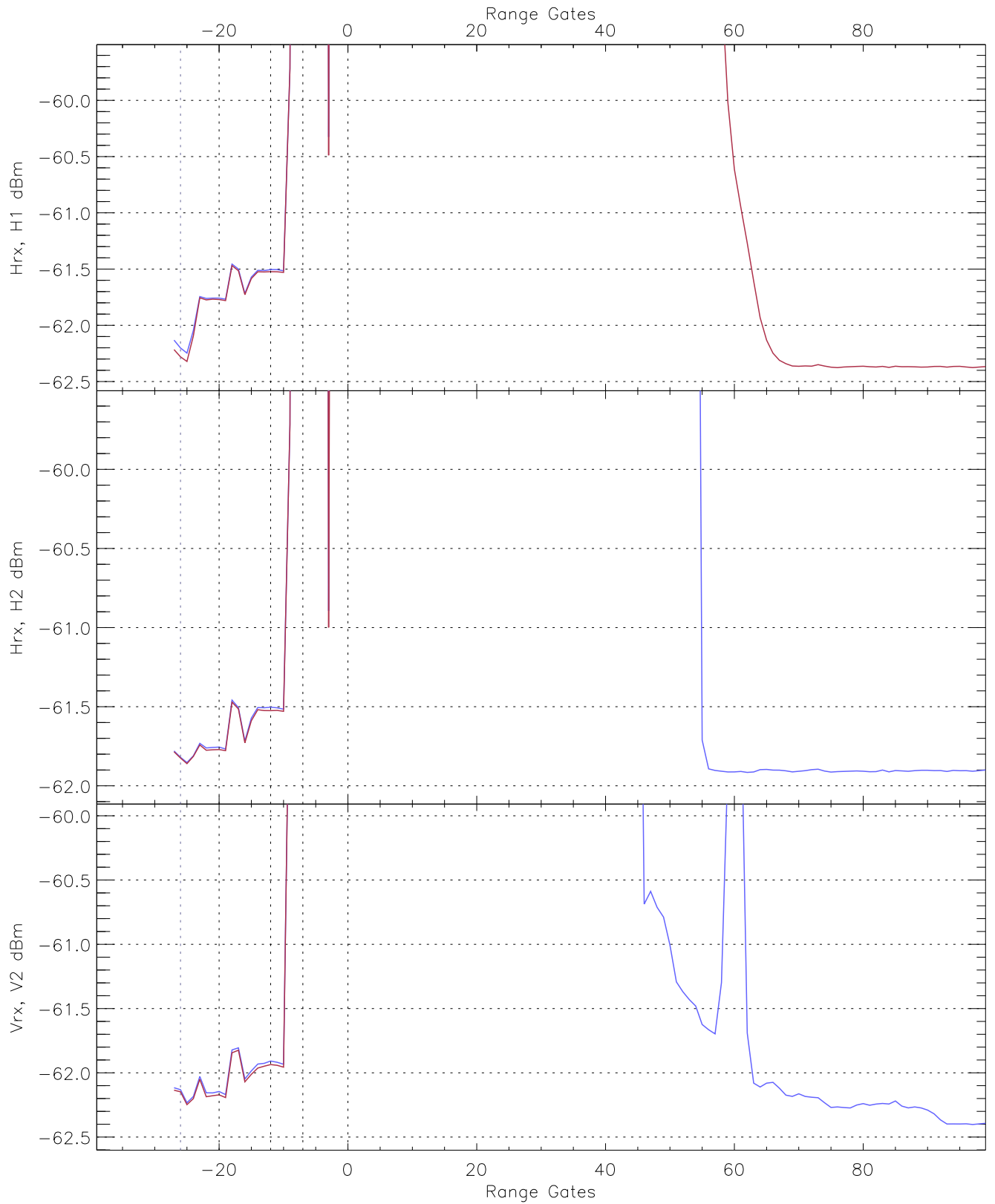
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.36	-61.41	-62.34	-62.35	-74.80
H2RG275_0 [dBm]	-62.82	-61.02	-61.91	-61.91	-74.48
V2RG274_0 [dBm]	-63.31	-61.47	-62.37	-62.37	-74.89

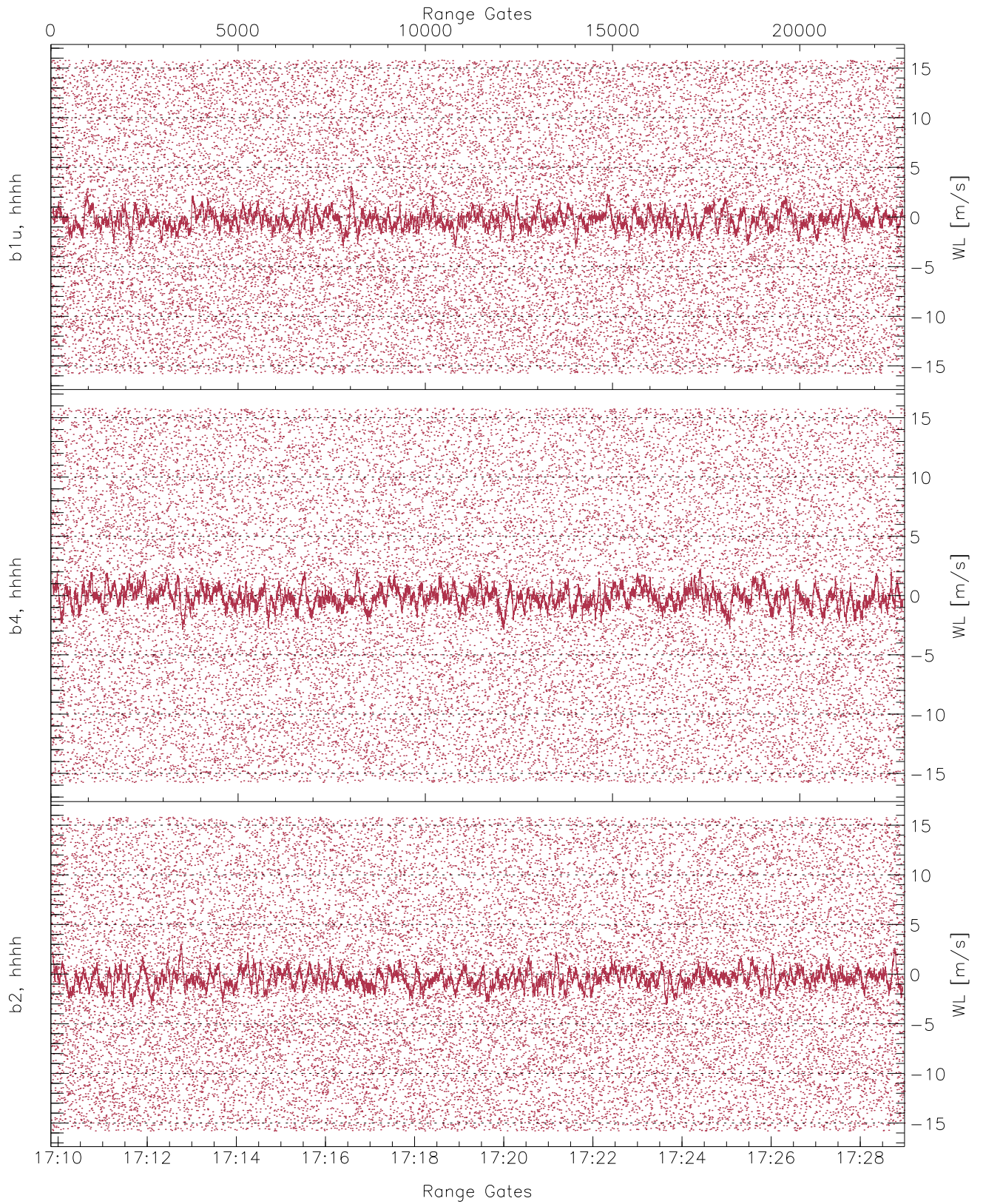


WCR2 CPP Averaged Received power for all recorded gates  
blue: 170950-171925, 11401 profiles averaged  
red: 171925-172900, 11400 profiles averaged

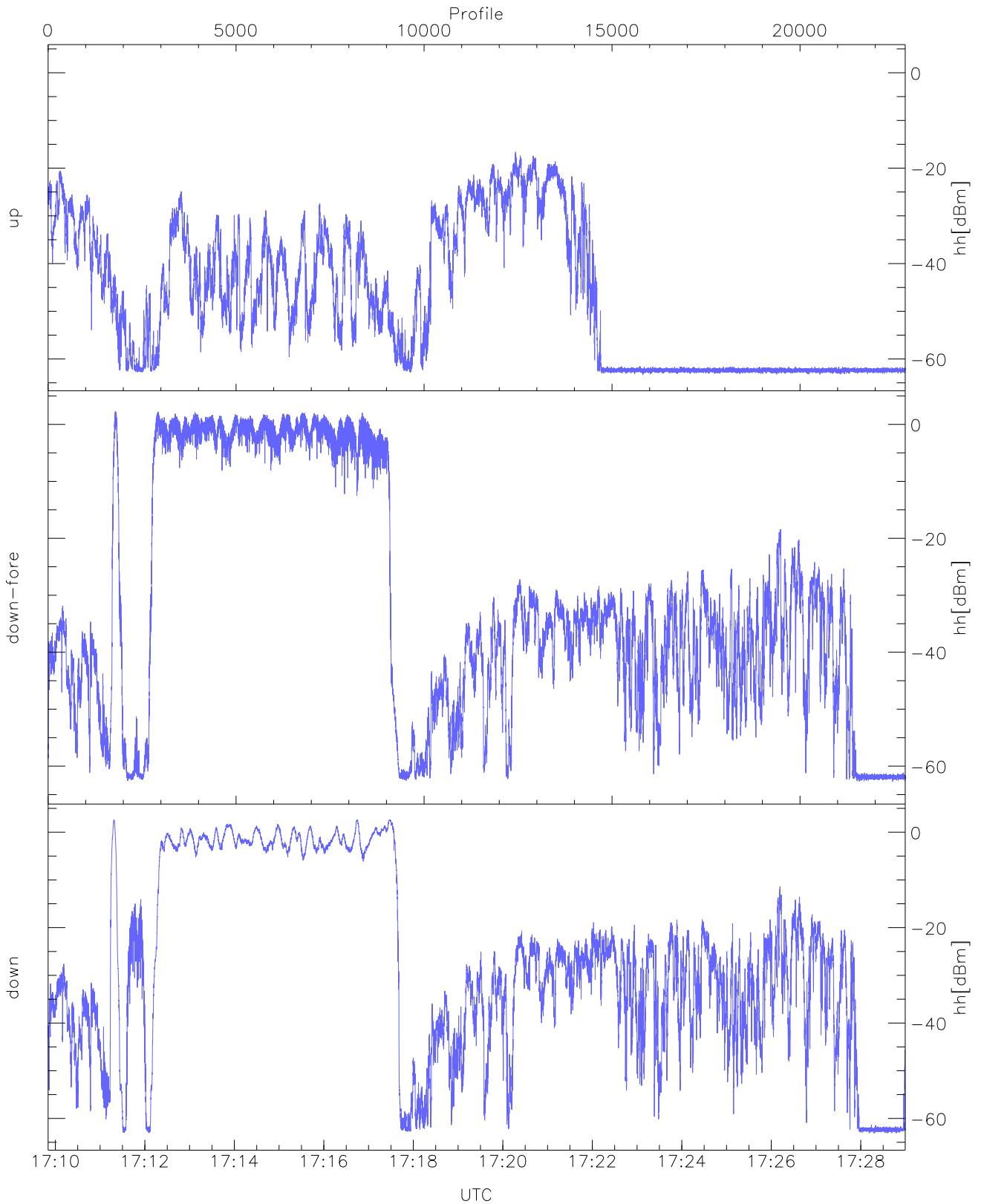




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 170950-171925, 11401 profiles averaged  
red: 171925-172900, 11400 profiles averaged

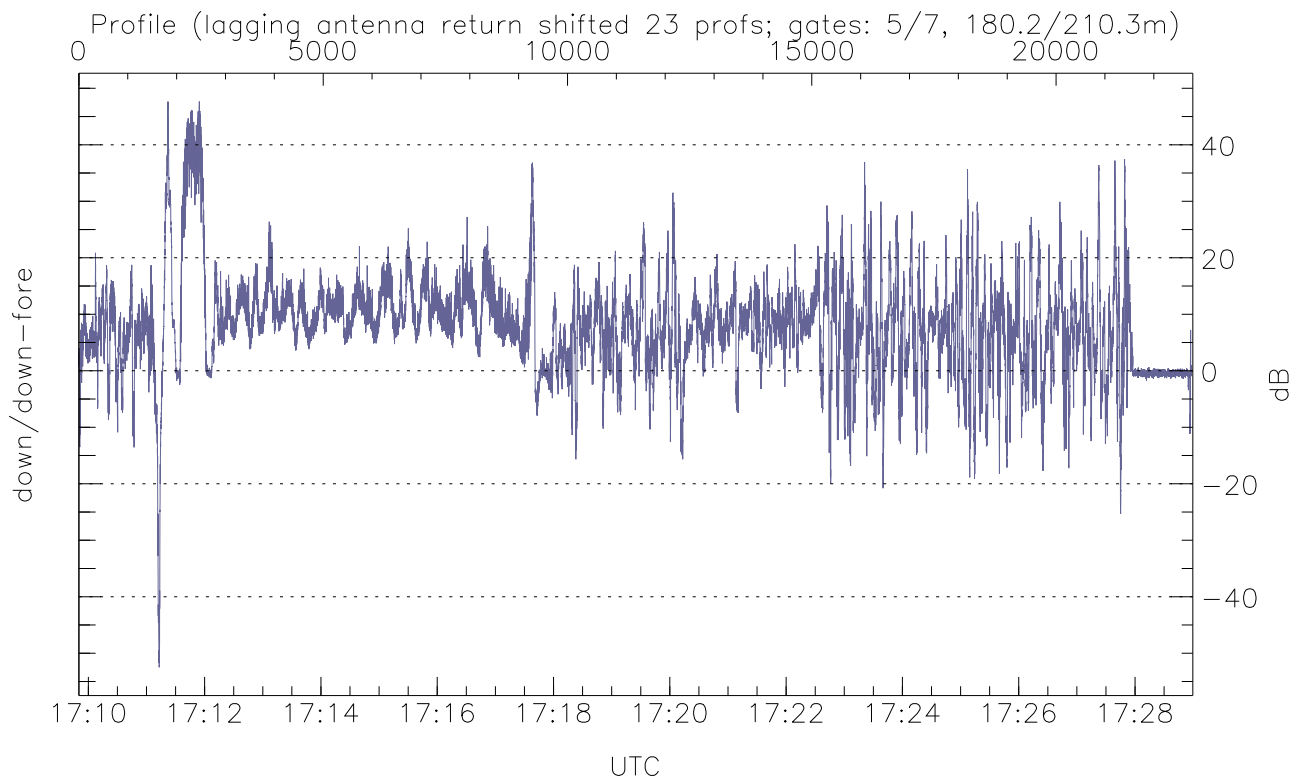
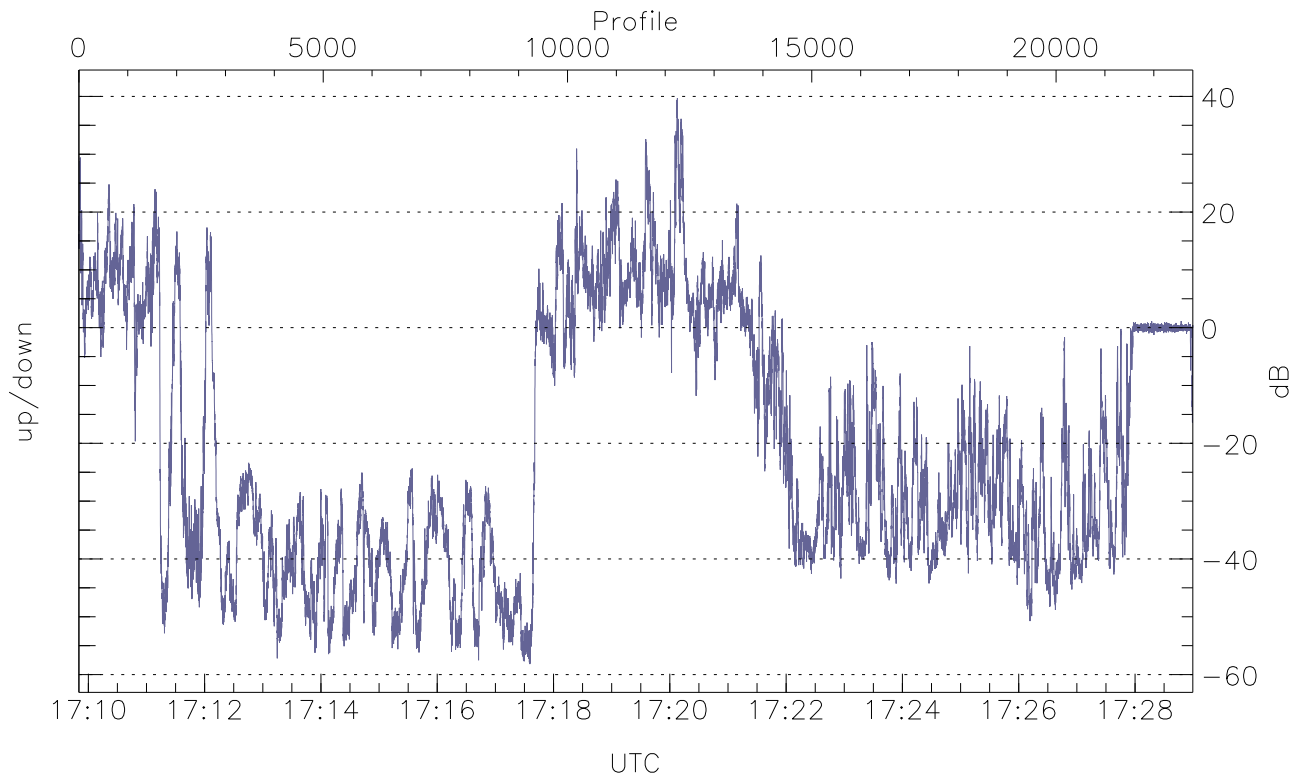


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



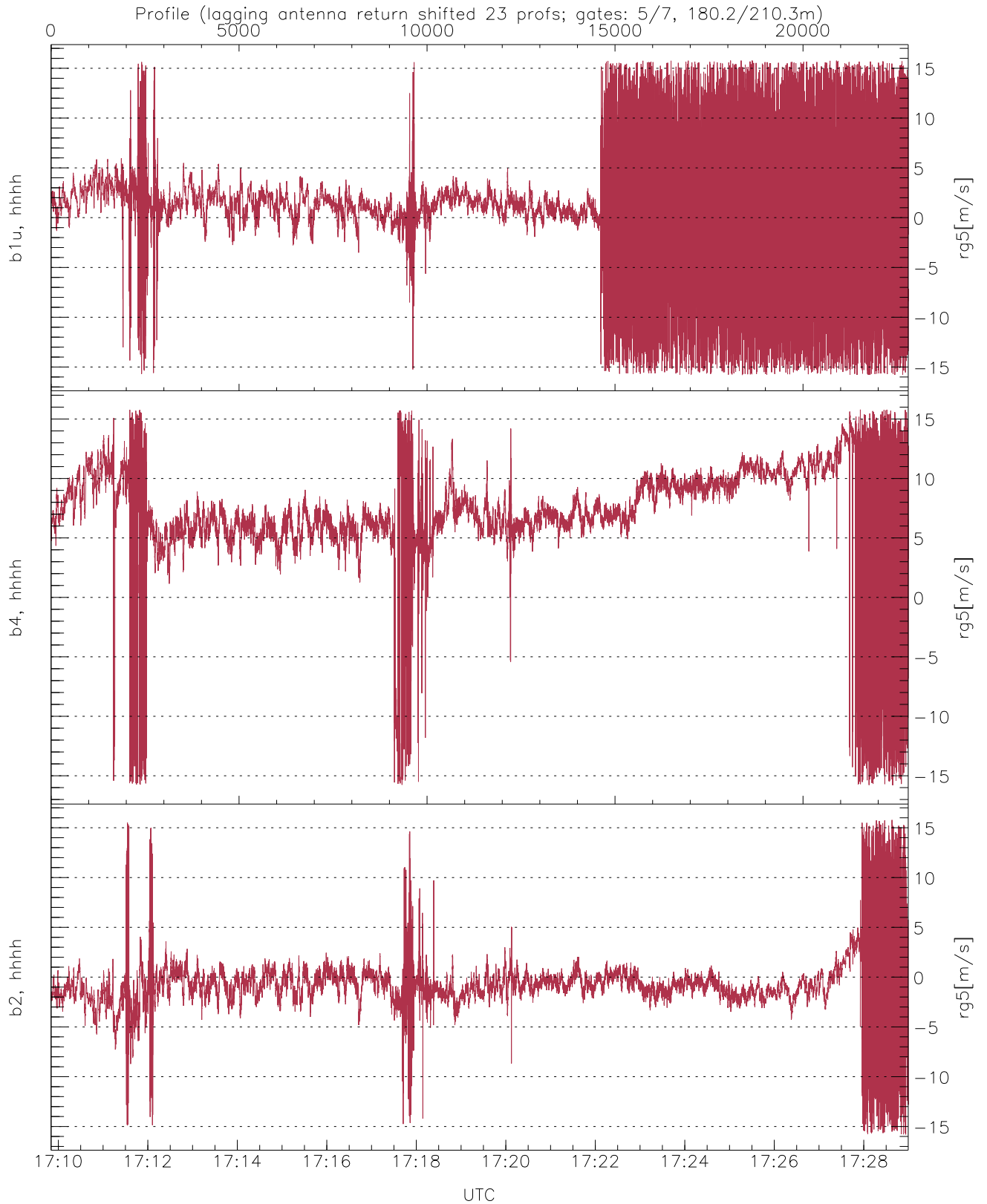
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.36	-16.59	-31.14
down-fore(hh[dBm])	-62.75	2.32	-6.51
down(hh[dBm])	-63.14	2.61	-6.60



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-58.18	39.67	-20.56
down/down-fore (dB)	-52.48	47.66	7.93



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.78	0.77	5.58
b4, hhhh(rg5[m/s])	-15.80	15.79	6.87	4.50
b2, hhhh(rg5[m/s])	-15.80	15.78	-0.82	2.63