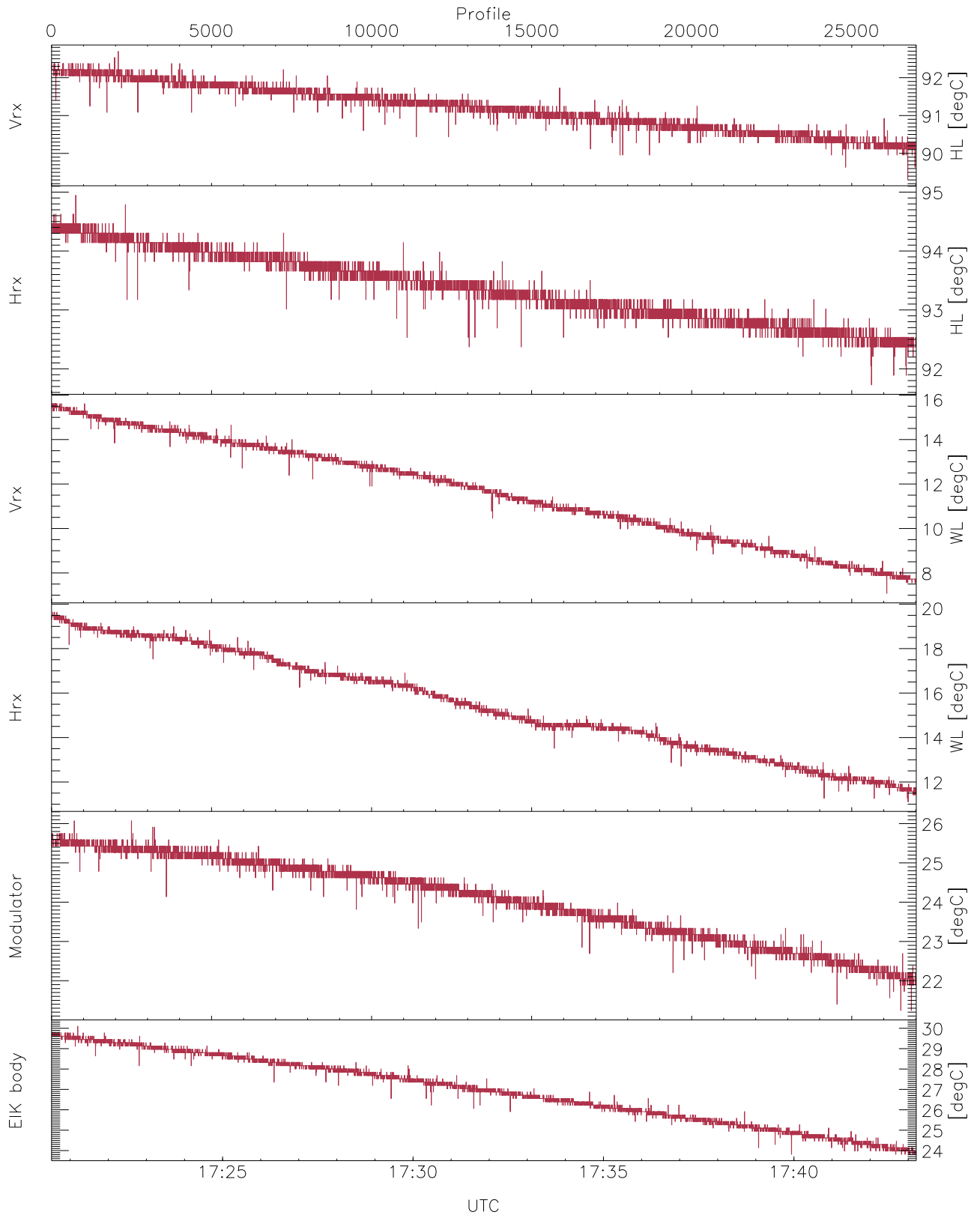


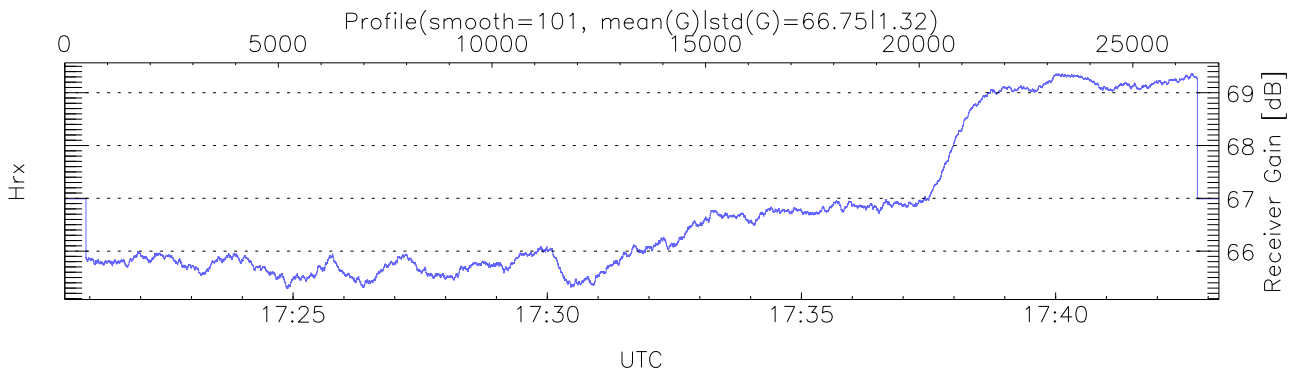
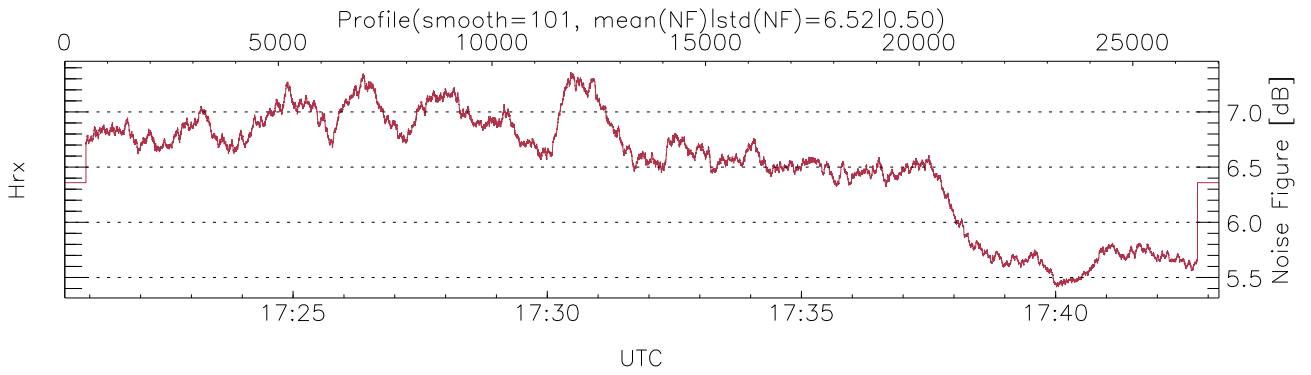
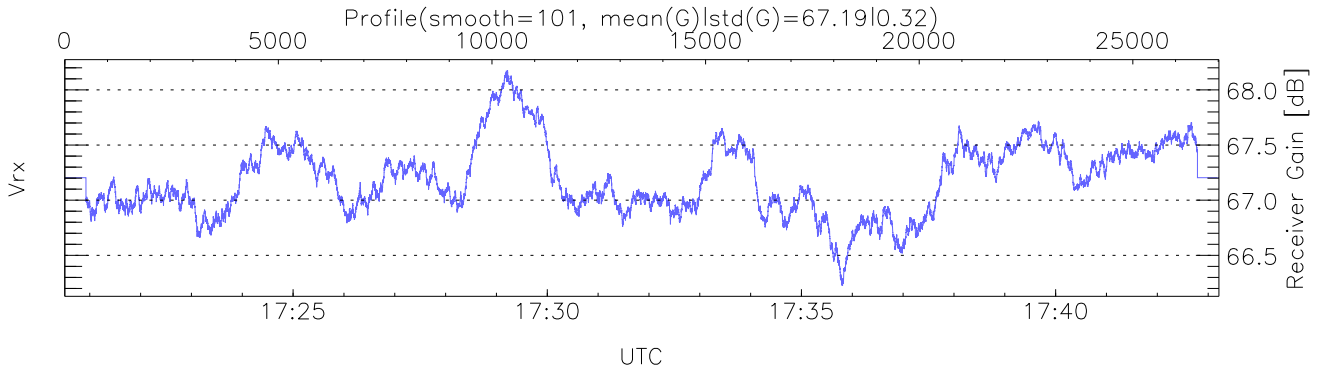
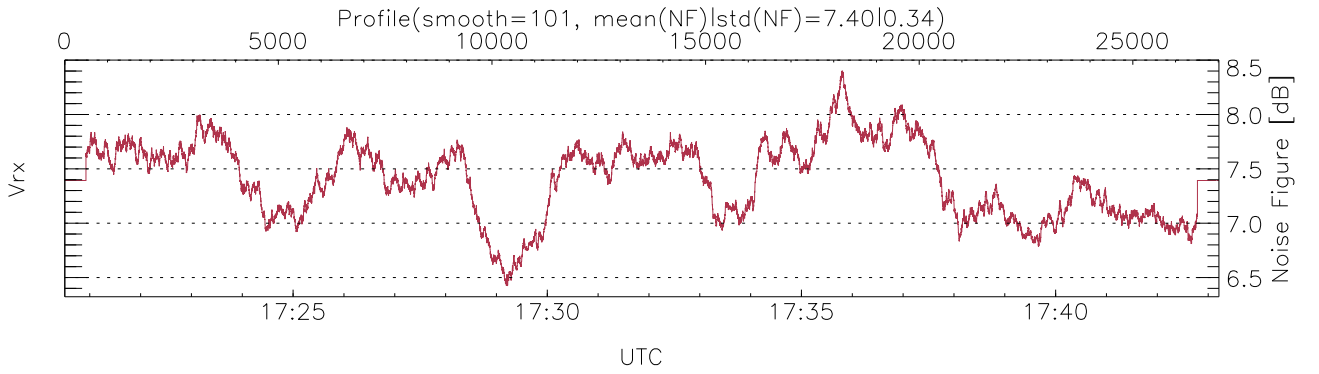
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

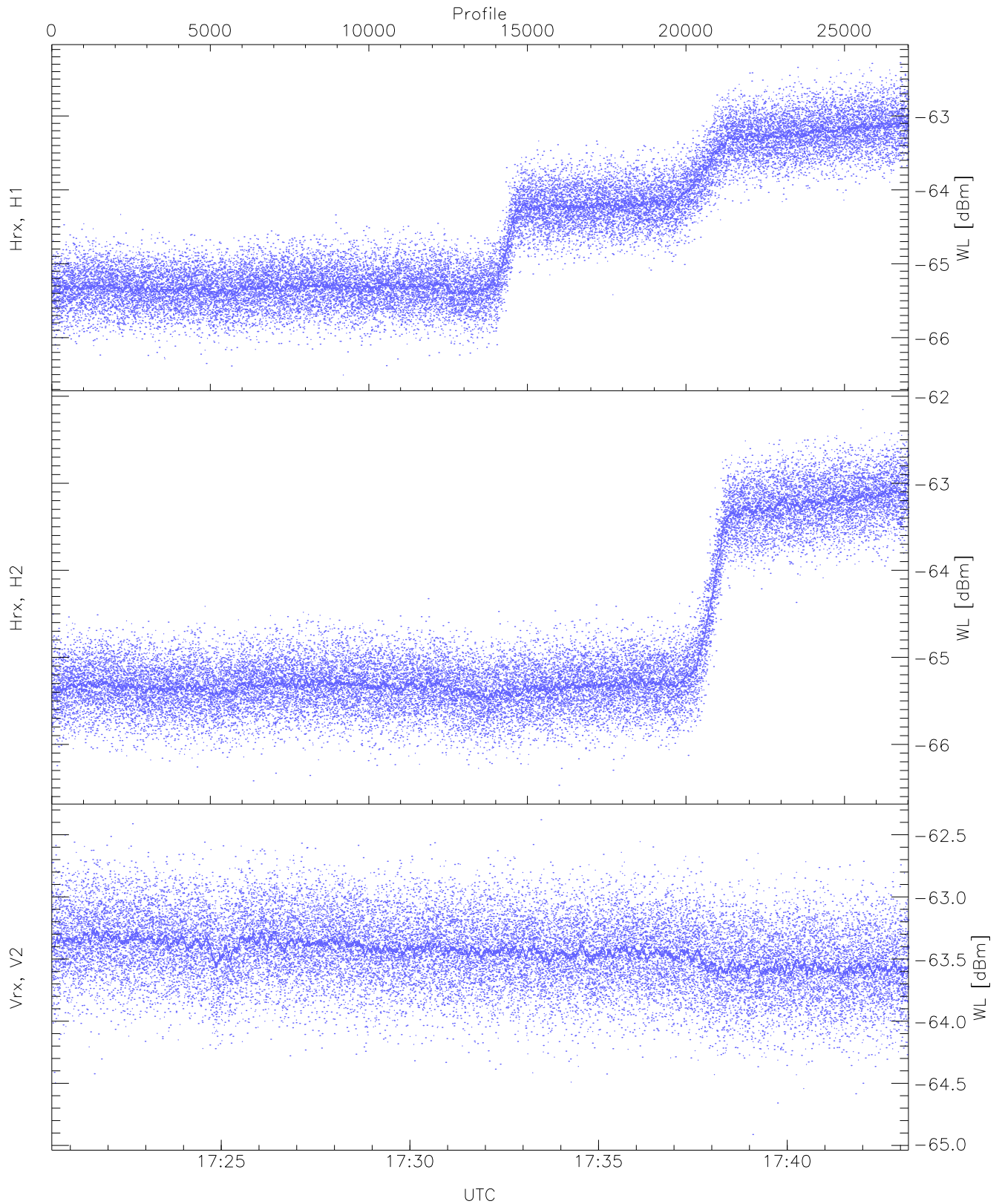
UTC: 17:20:31-17:43:13, Dur: 1362.23s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20  
 NumRec(r/t): 27018/27018, 0-27017/17:20:31-17:43:13  
 AcqTime: 50.4ms, Rate: 384KB/s, Averages: 140  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2  
 PRF: 16.7 16.7 16.7 16.7 16.7 KHz, IGS: 60us  
 Range(min,max,rgs): 105,7689,15.0 m, Gates: 506, Aspect: 2.6



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

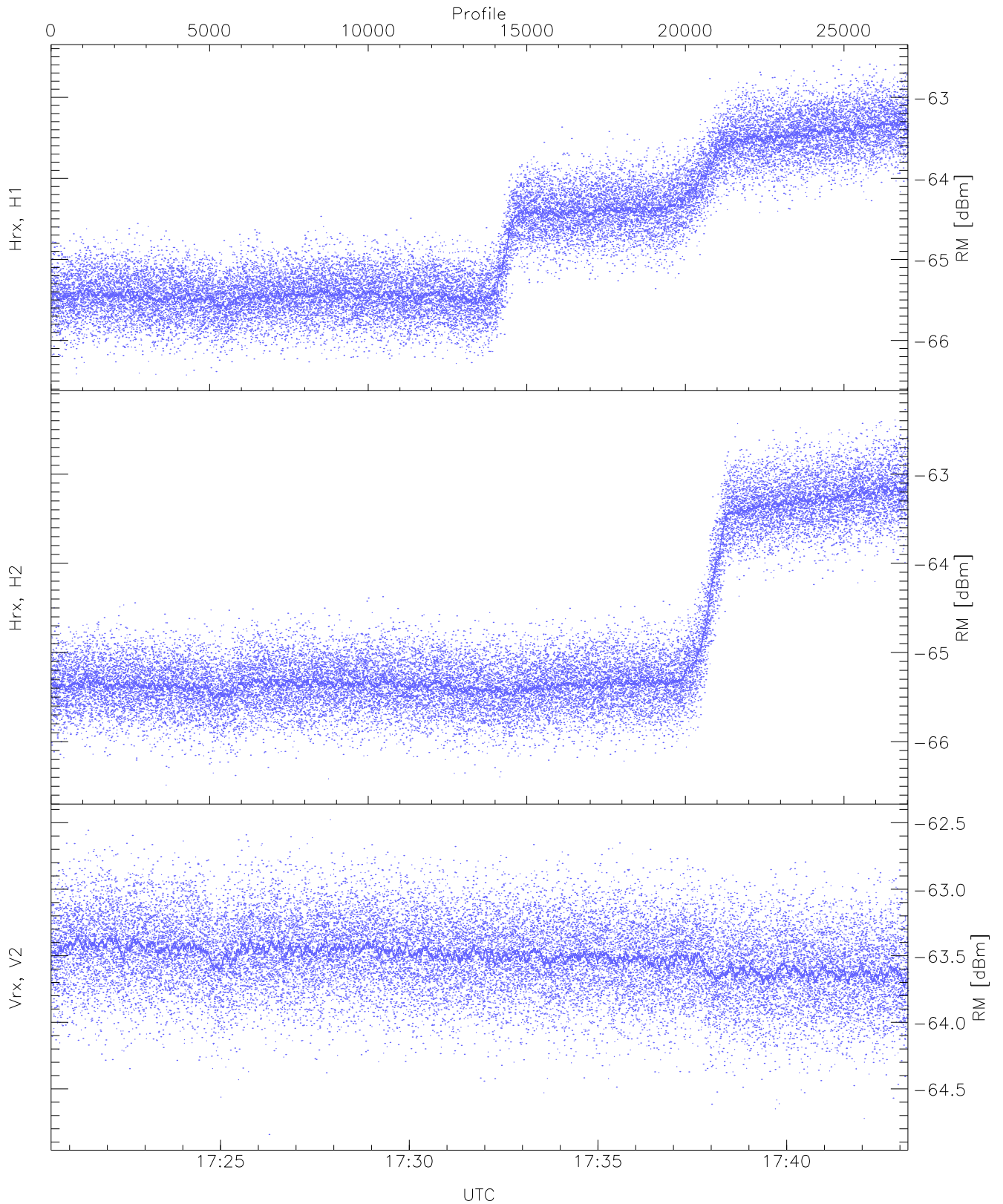
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,7,11,21,23  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,15,19,26,30  
 LOalarm(20,80,240,2.8,14.8 MHz): 5,0,0,20,0  
 EIK/Modulator Faults: None





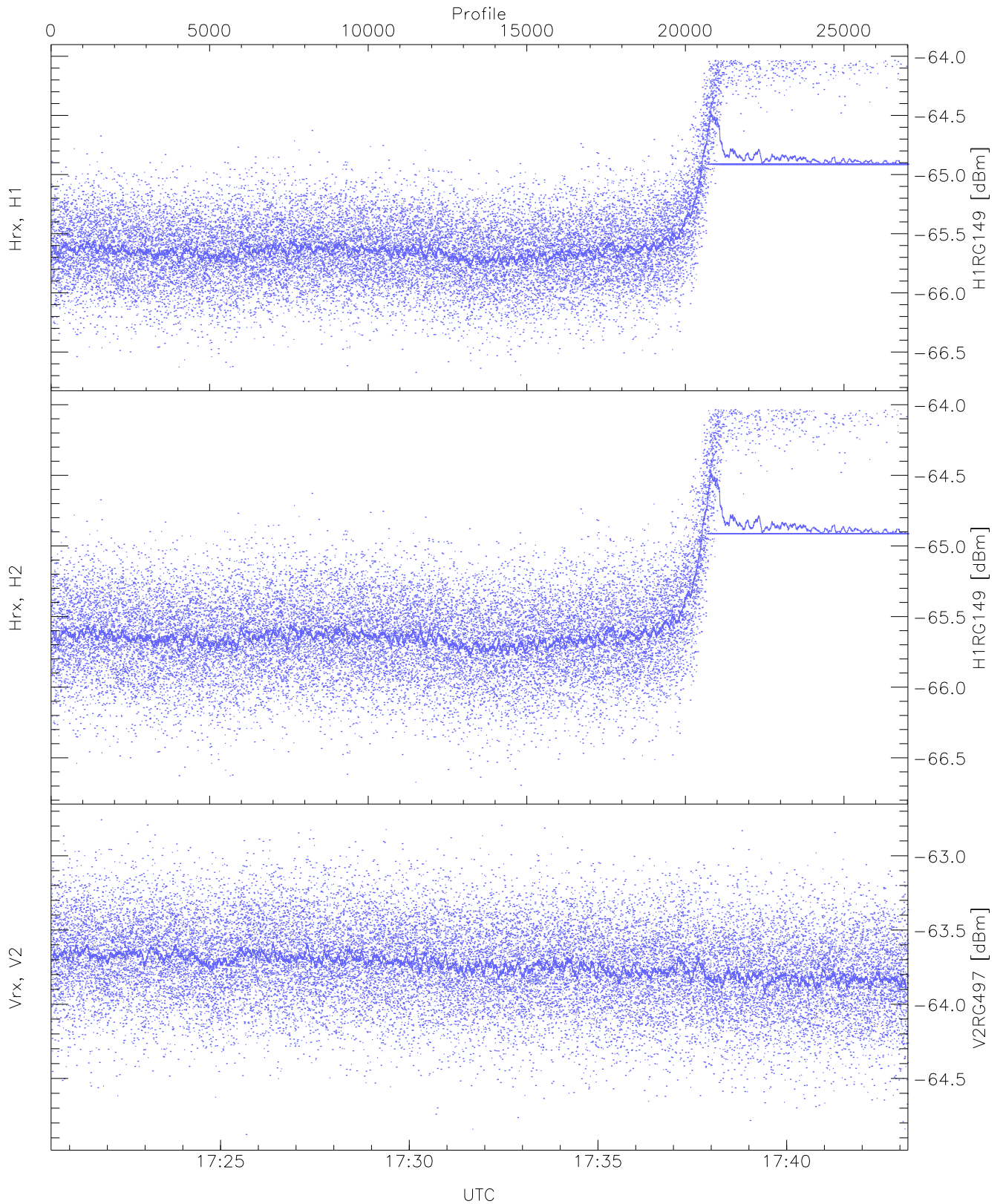
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.51	-62.25	-64.47	-64.91	-71.07
Hrx, H2(WL [dBm])	-66.47	-62.15	-64.75	-65.22	-71.03
Vrx, V2(WL [dBm])	-64.91	-62.38	-63.44	-63.44	-75.37



WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

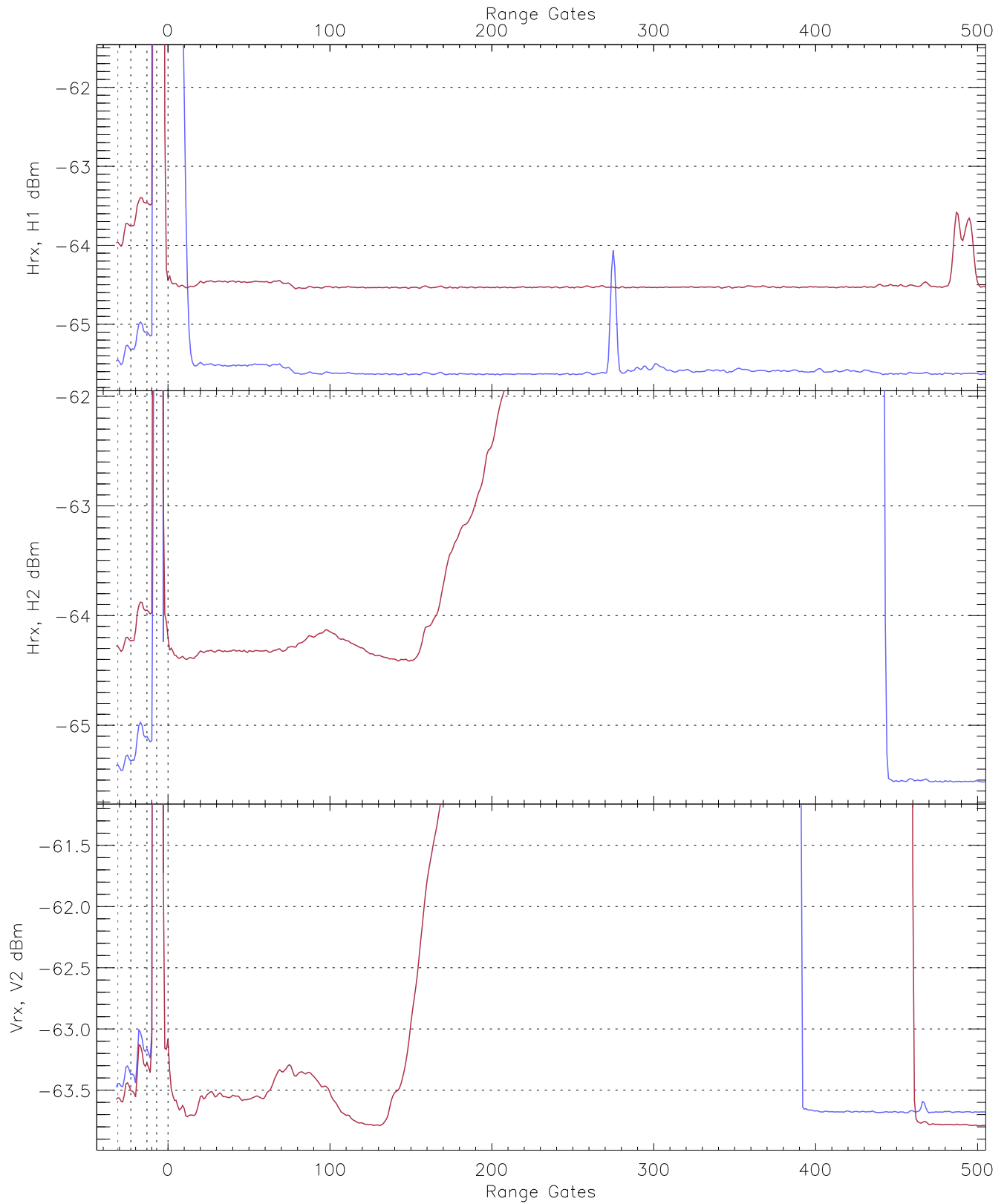
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.43	-62.54	-64.64	-65.04	-71.43
Hrx, H2 (RM [dBm])	-66.49	-62.27	-64.79	-65.25	-71.15
Vrx, V2 (RM [dBm])	-64.84	-62.48	-63.50	-63.51	-75.48



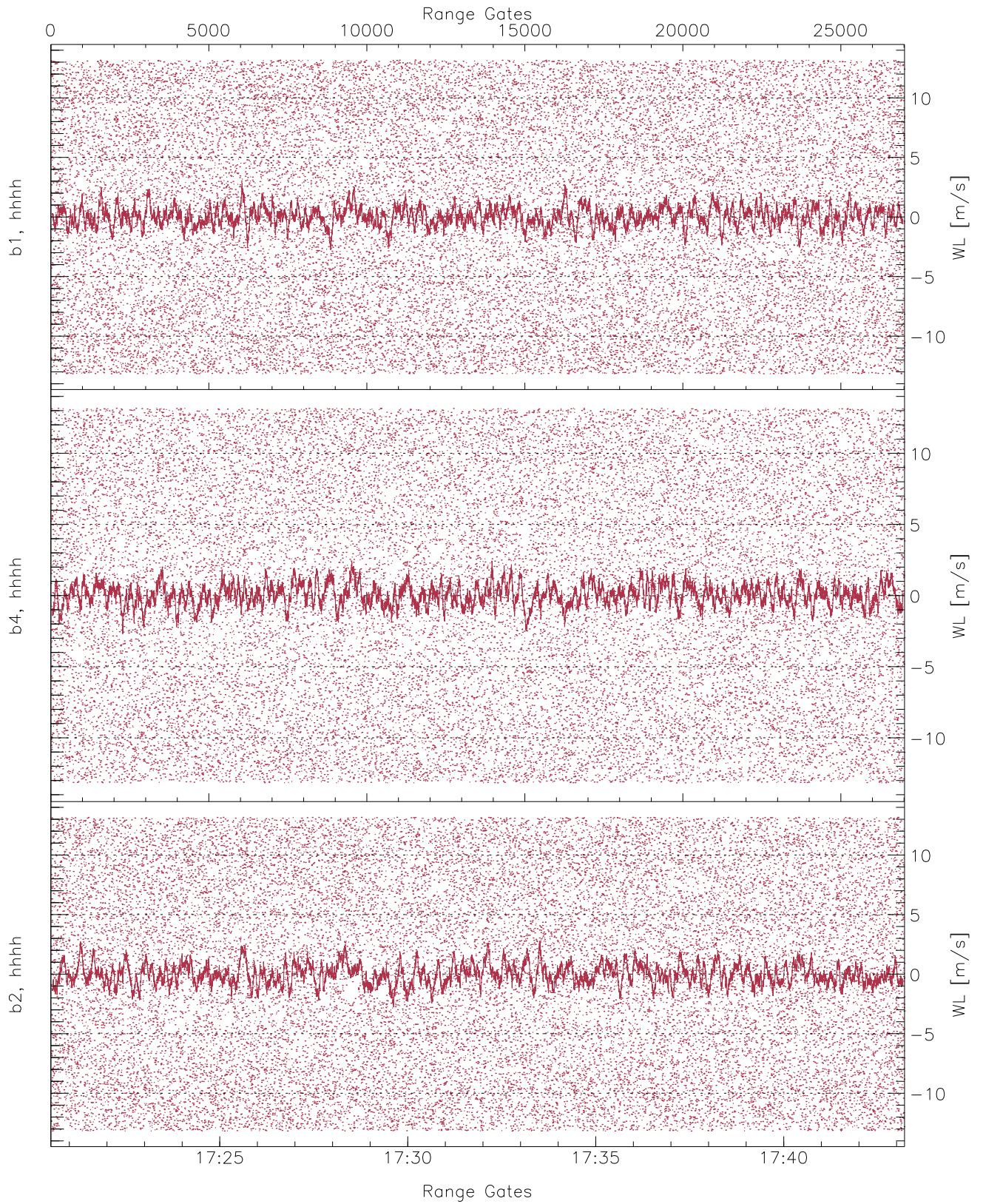
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG149 [dBm]	-66.69	-64.03	-65.43	-65.53	-75.38
H1RG149 [dBm]	-66.69	-64.03	-65.43	-65.53	-75.38
V2RG497 [dBm]	-64.88	-62.76	-63.74	-63.74	-75.75



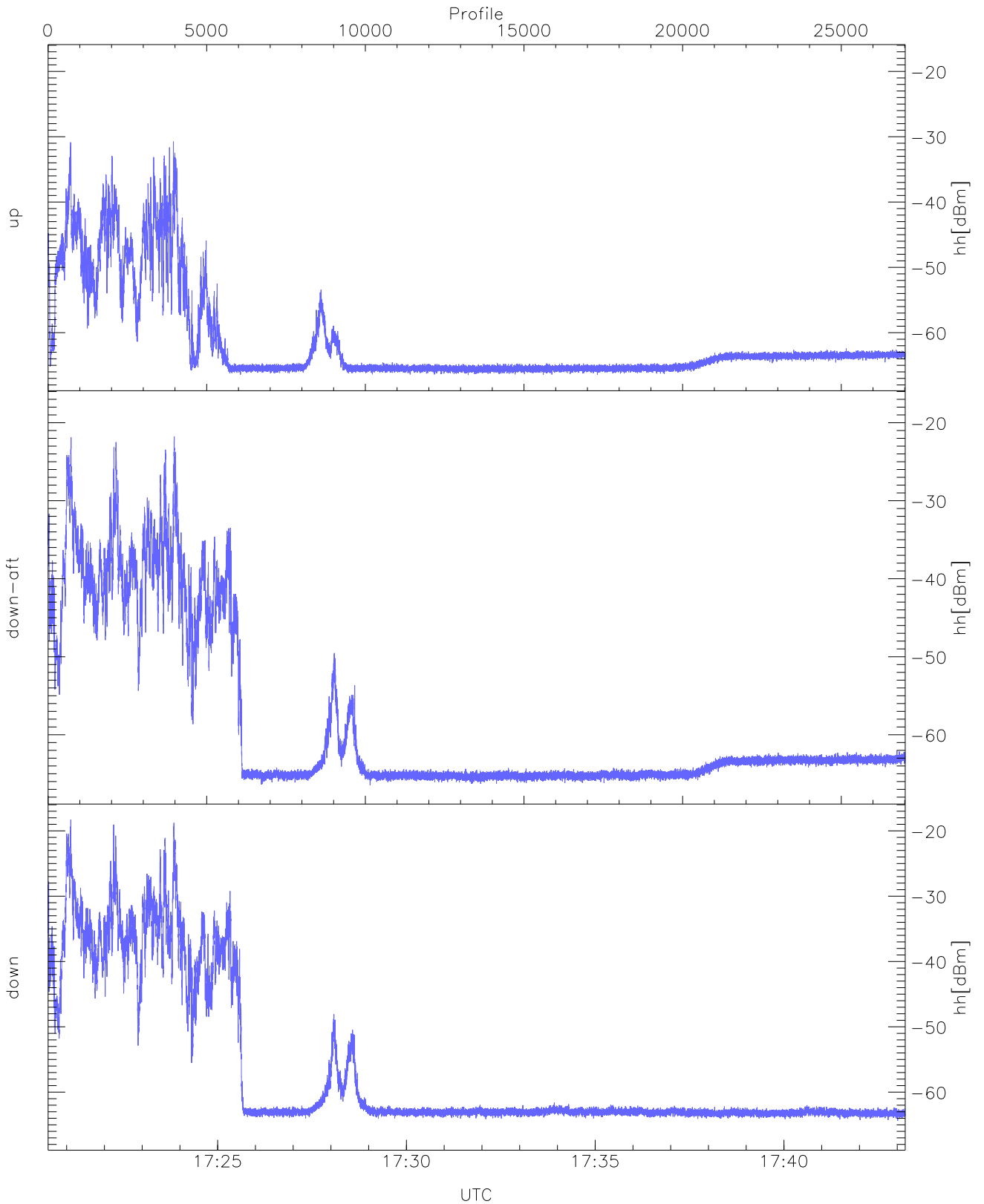


WCR2 CPP Averaged Received power for all recorded gates  
blue: 172031-173151, 13510 profiles averaged  
red: 173151-174313, 13509 profiles averaged



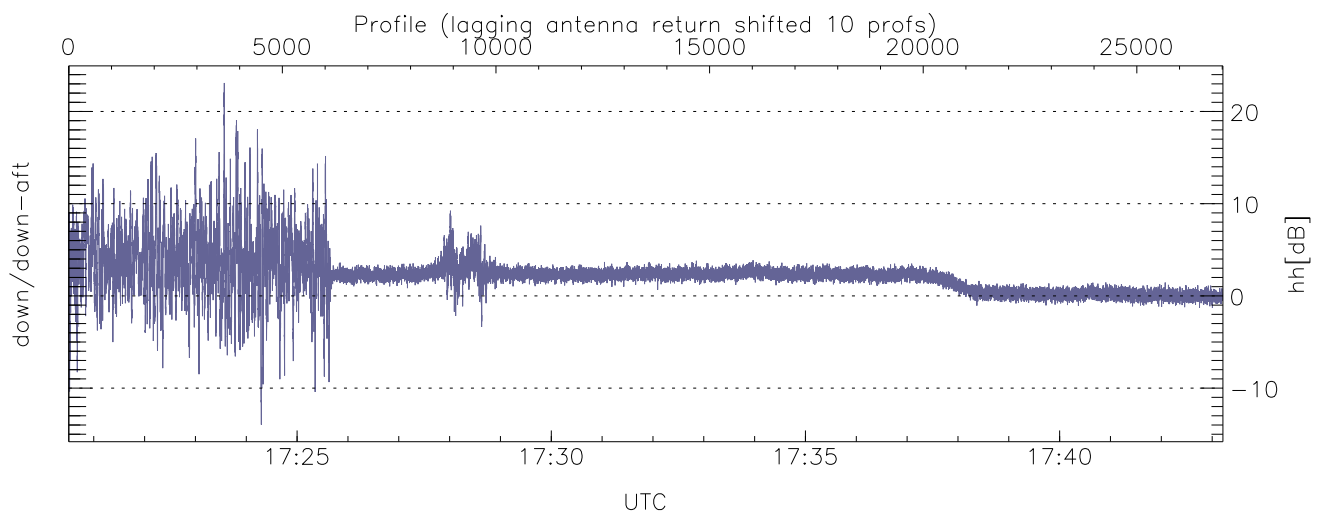
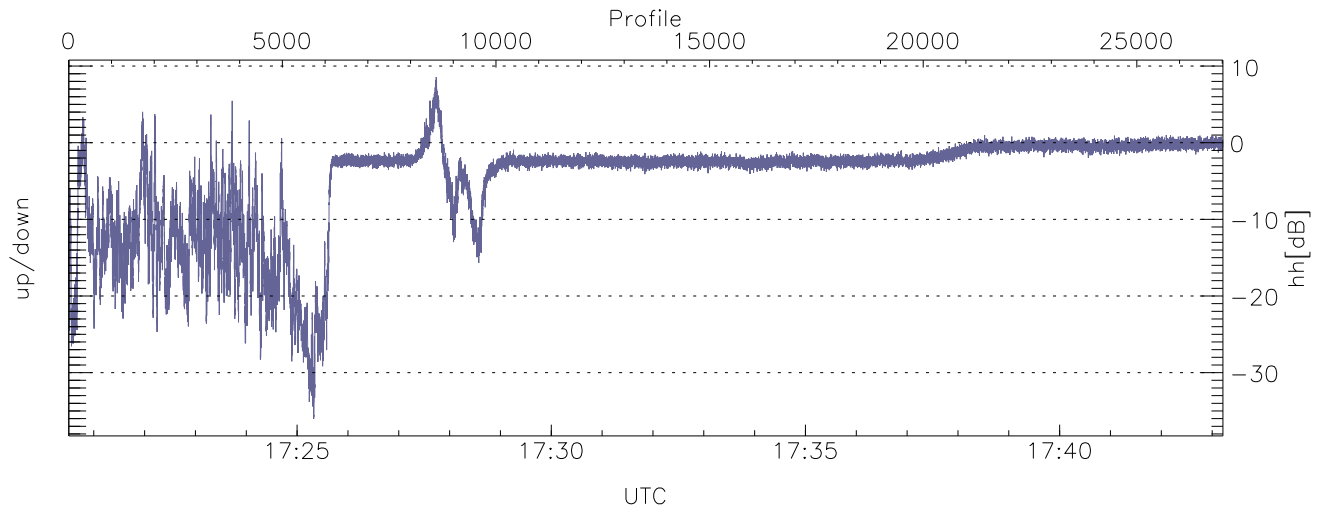
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements





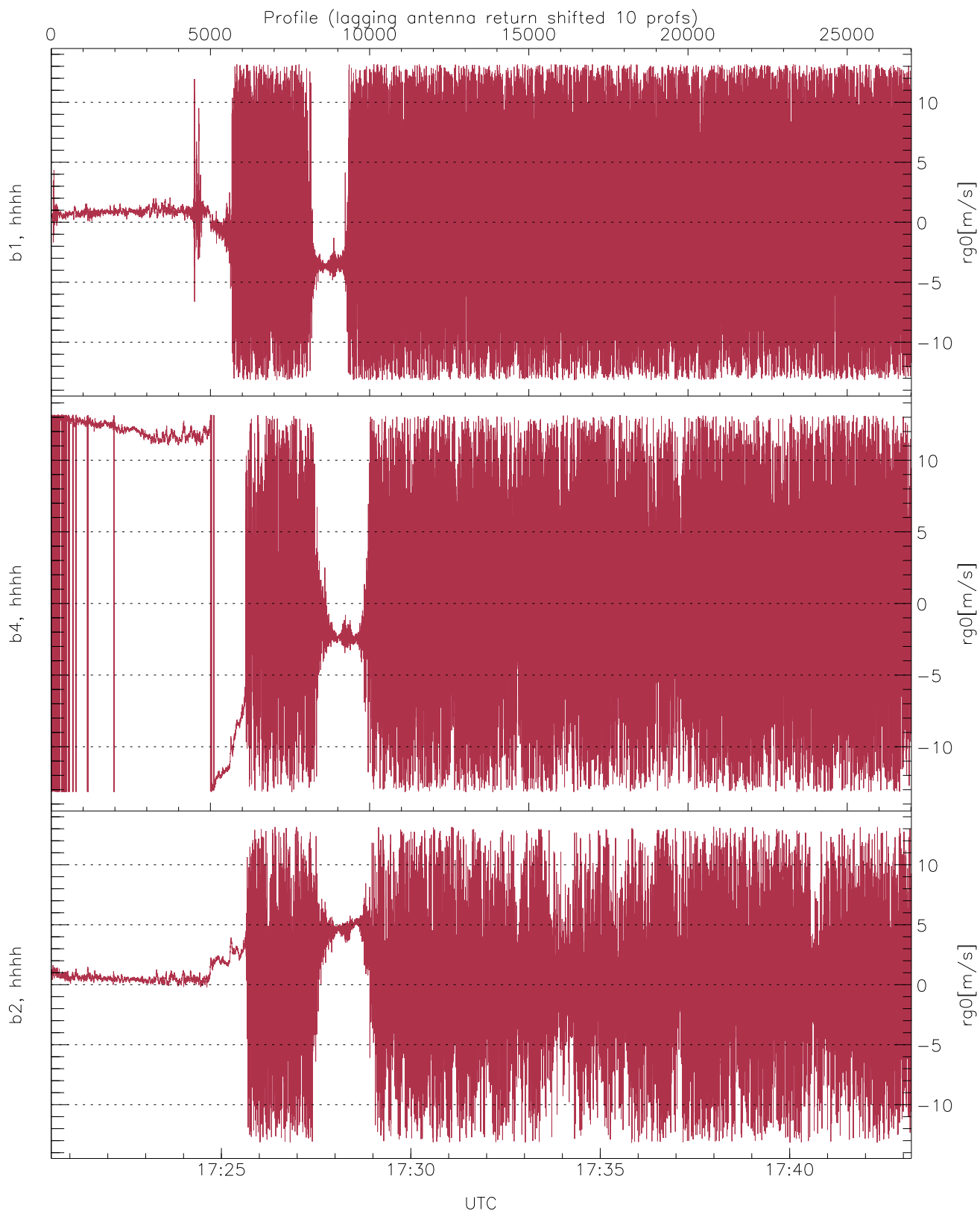
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-66.47	-30.73	-50.98
down-aft(hh[dBm])	-66.48	-21.76	-41.93
down(hh[dBm])	-64.37	-18.30	-38.83



WCR2 CPP Received Power Ratio; Range gates used: 0,1 (105,120 m)

	Min	Max	Mean
up/down(hh[dB])	-36.03	8.55	-4.33
down/down-aft(hh[dB])	-13.96	23.10	2.24



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1, hhhh(rg0[m/s])	-13.17	13.17	0.30	6.36
b4, hhhh(rg0[m/s])	-13.17	13.17	1.48	7.53
b2, hhhh(rg0[m/s])	-13.17	13.16	0.47	4.21