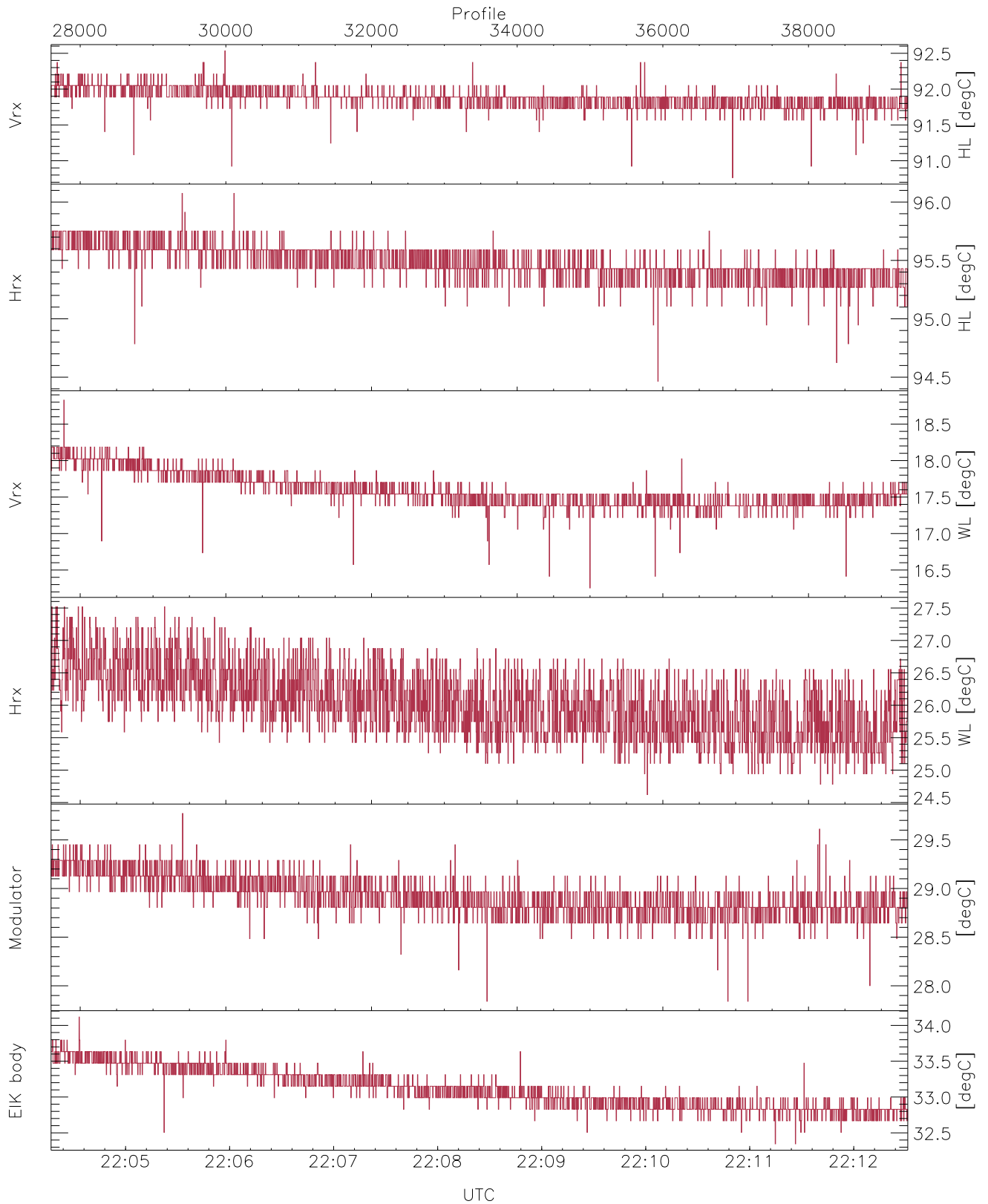


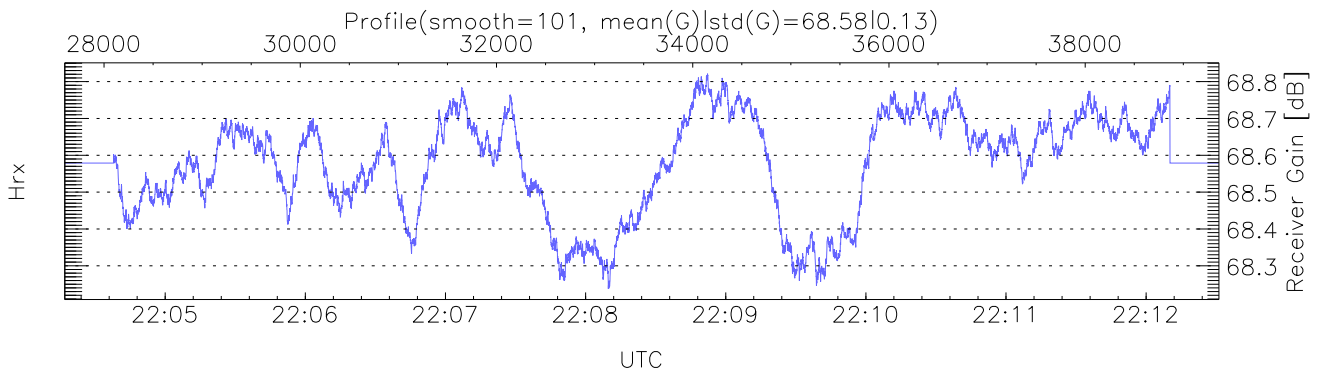
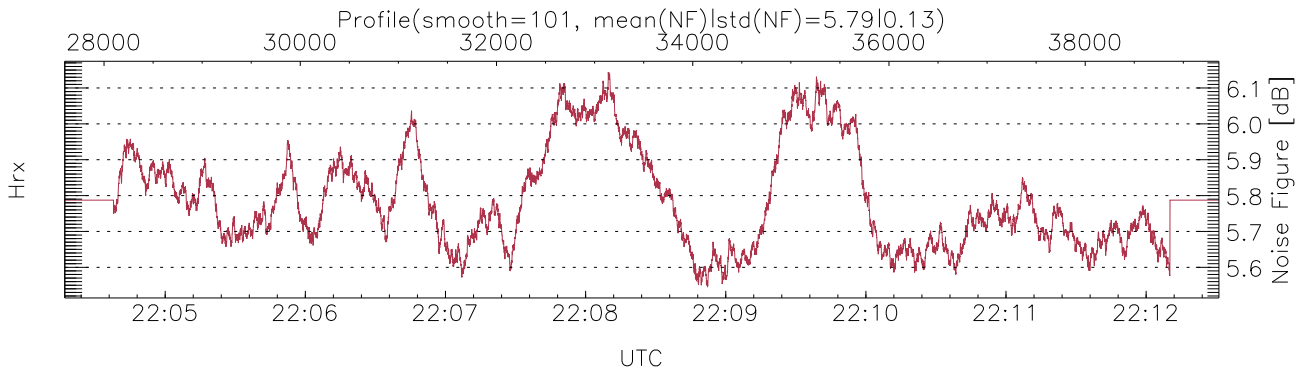
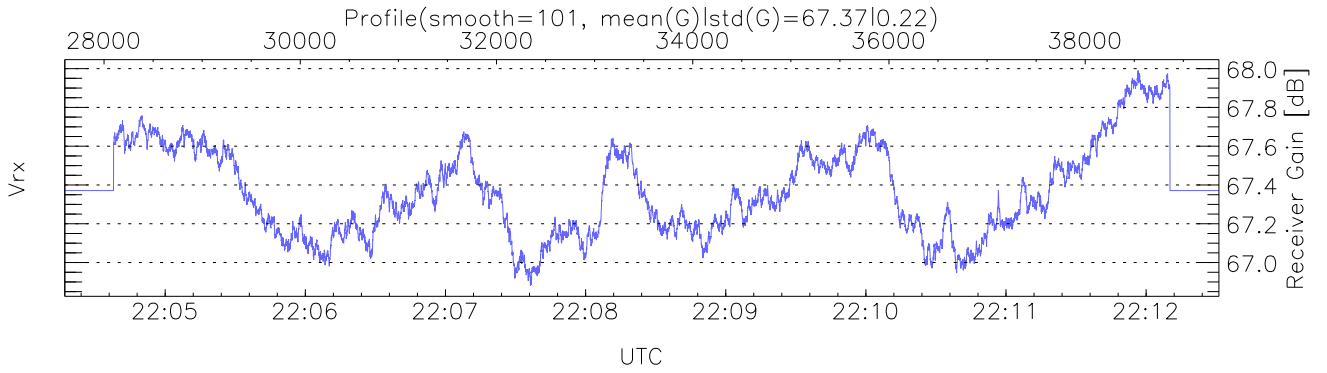
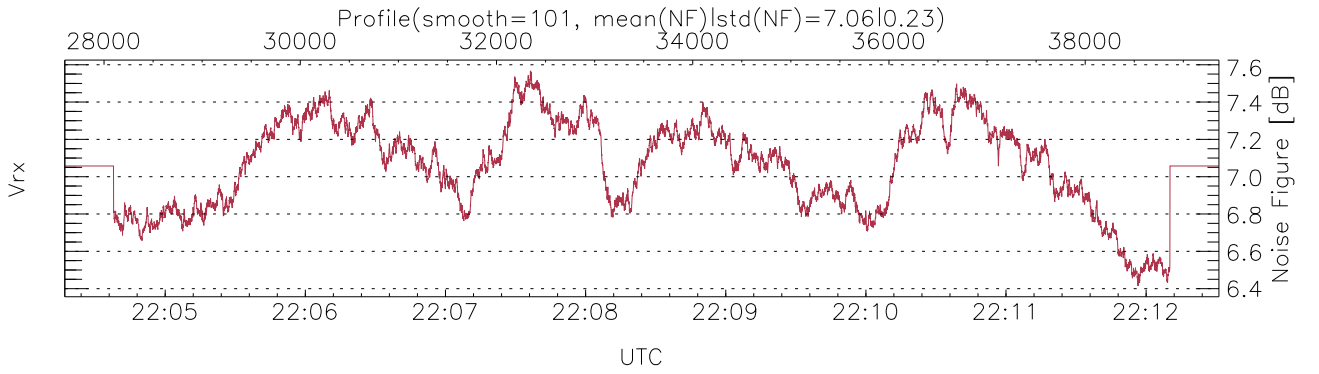
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

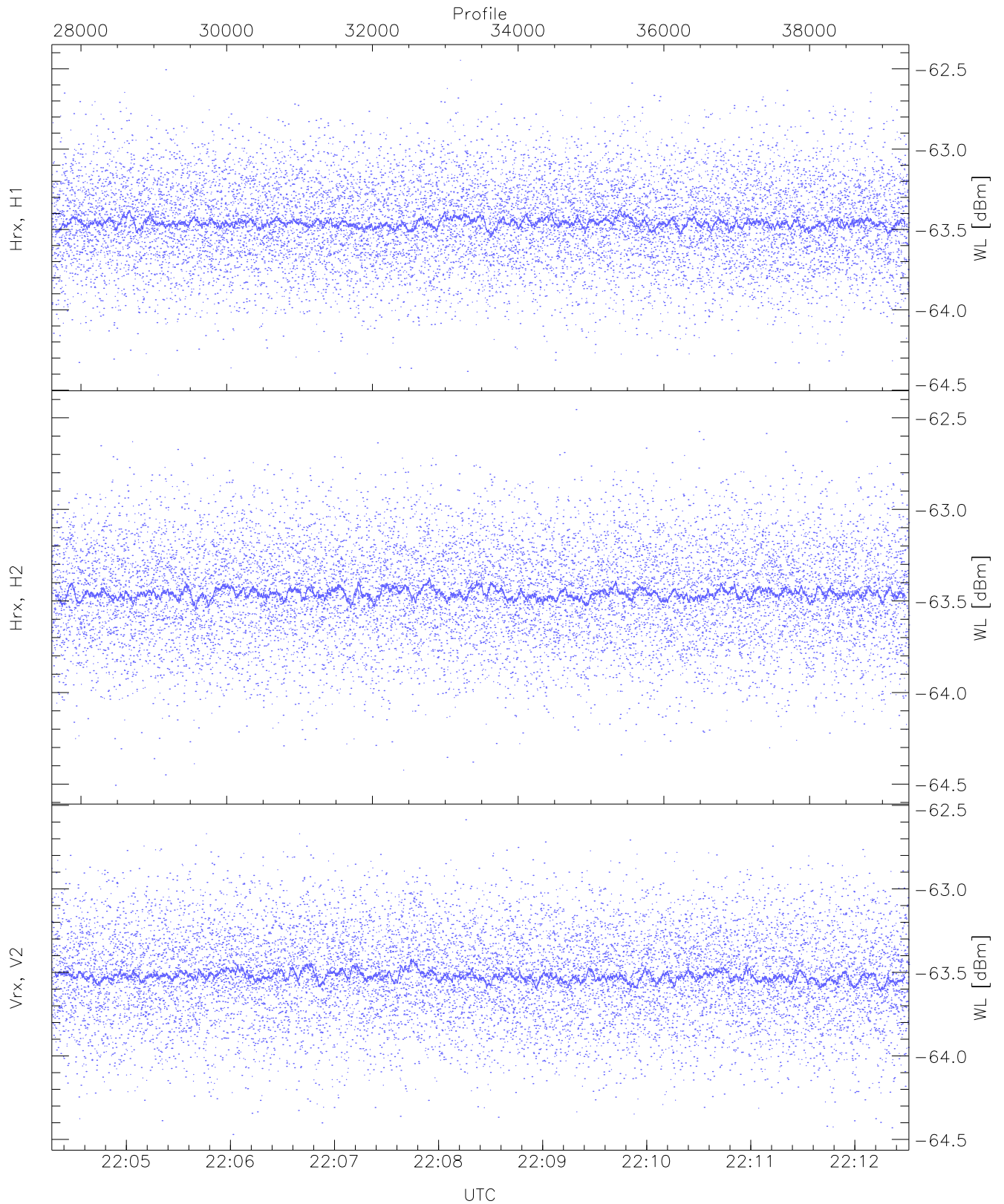
UTC: 21:44:58-22:12:31, Dur: 1653.66s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24  
 NumRec(r/t): 11764/39364, 27600-39363/22:04:17-22:12:31  
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2  
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rgs): 105,6187,15.0 m, Gates: 406, Aspect: 3.1



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

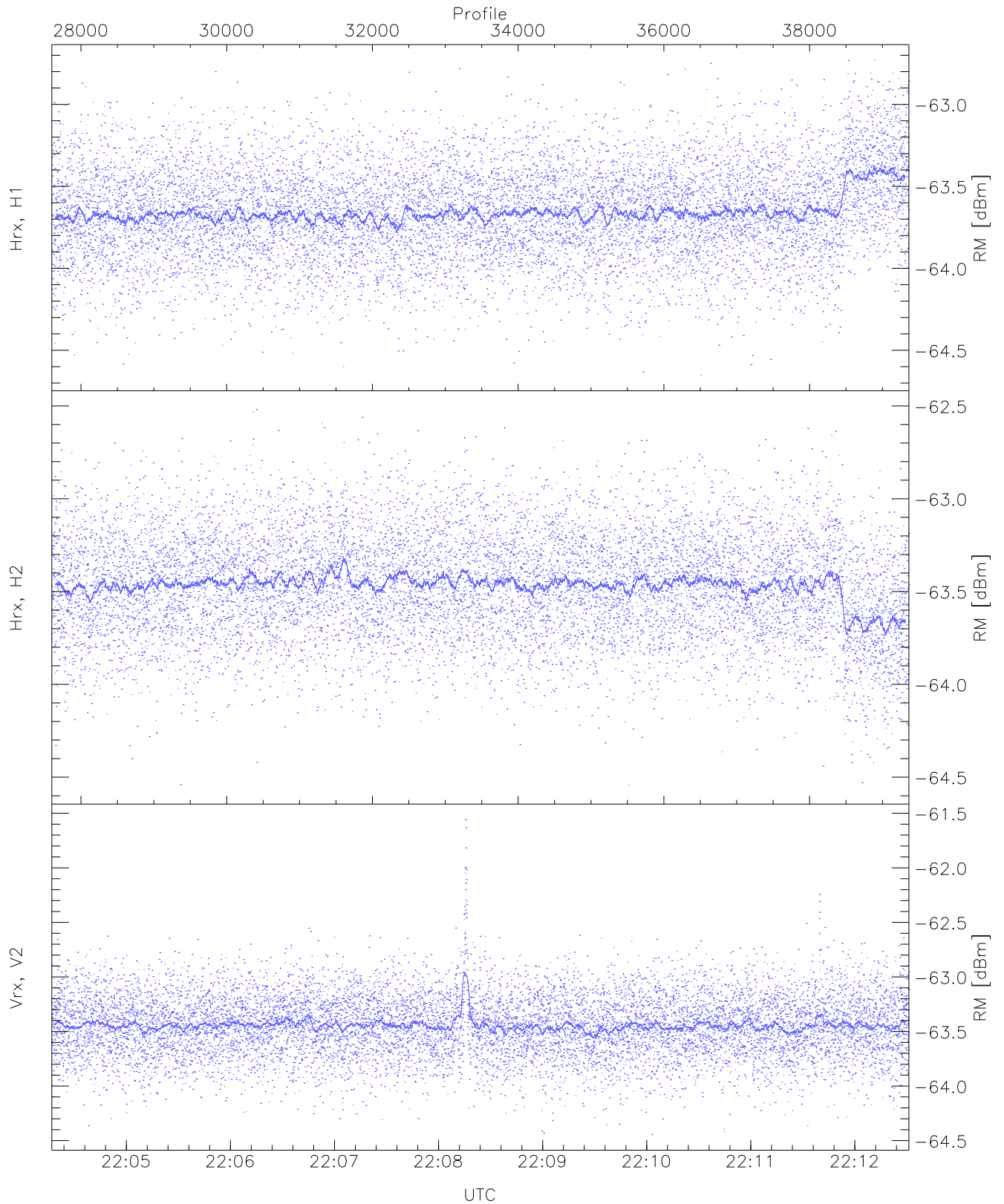
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,94,16,24,27,32`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,96,18,27,29,34`  
`LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,52,0`  
`EIK/Modulator Faults: None`





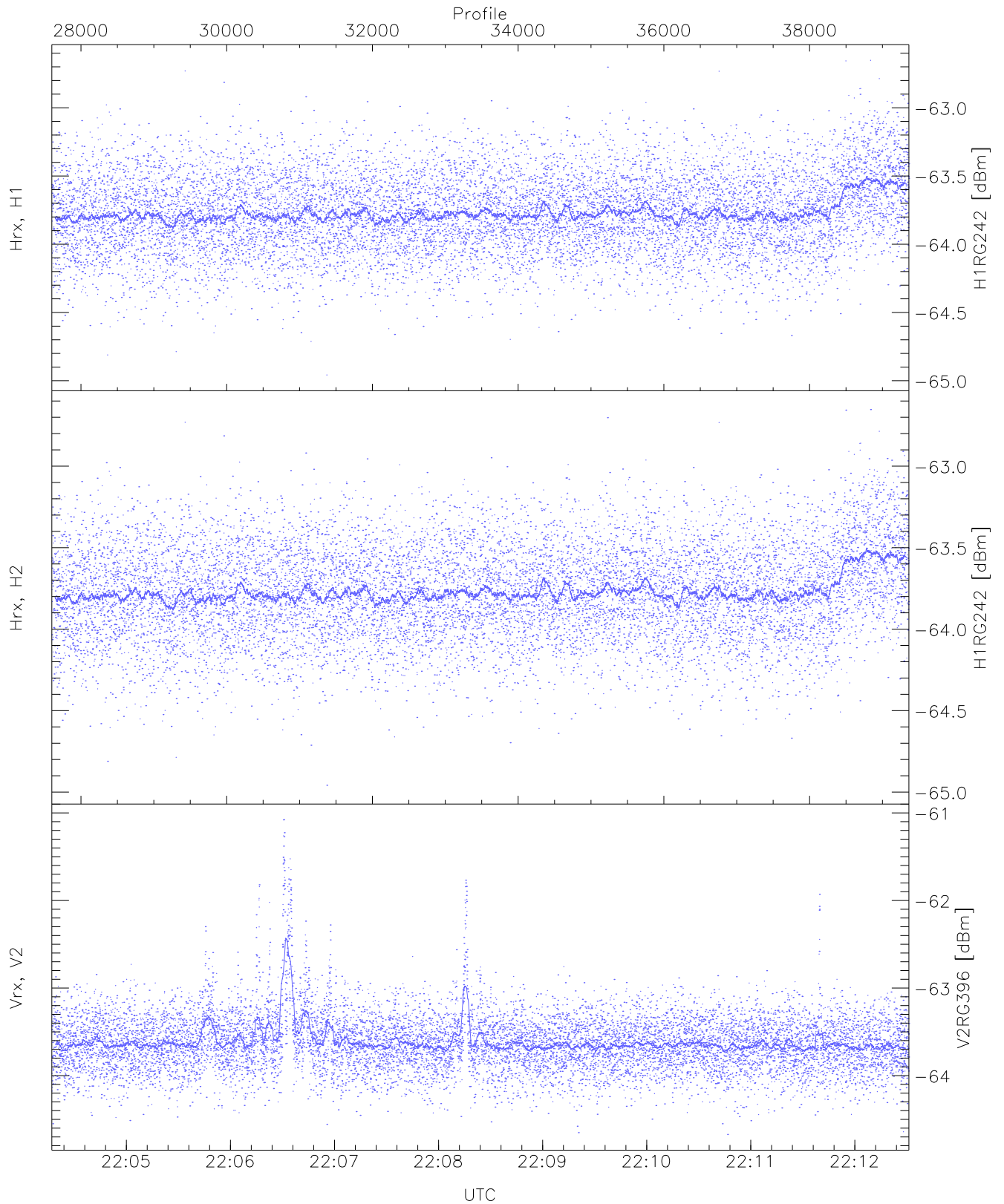
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.41	-62.45	-63.45	-63.46	-75.63
Hrx, H2 (WL [dBm])	-64.51	-62.45	-63.45	-63.46	-75.64
Vrx, V2 (WL [dBm])	-64.47	-62.59	-63.52	-63.52	-75.65



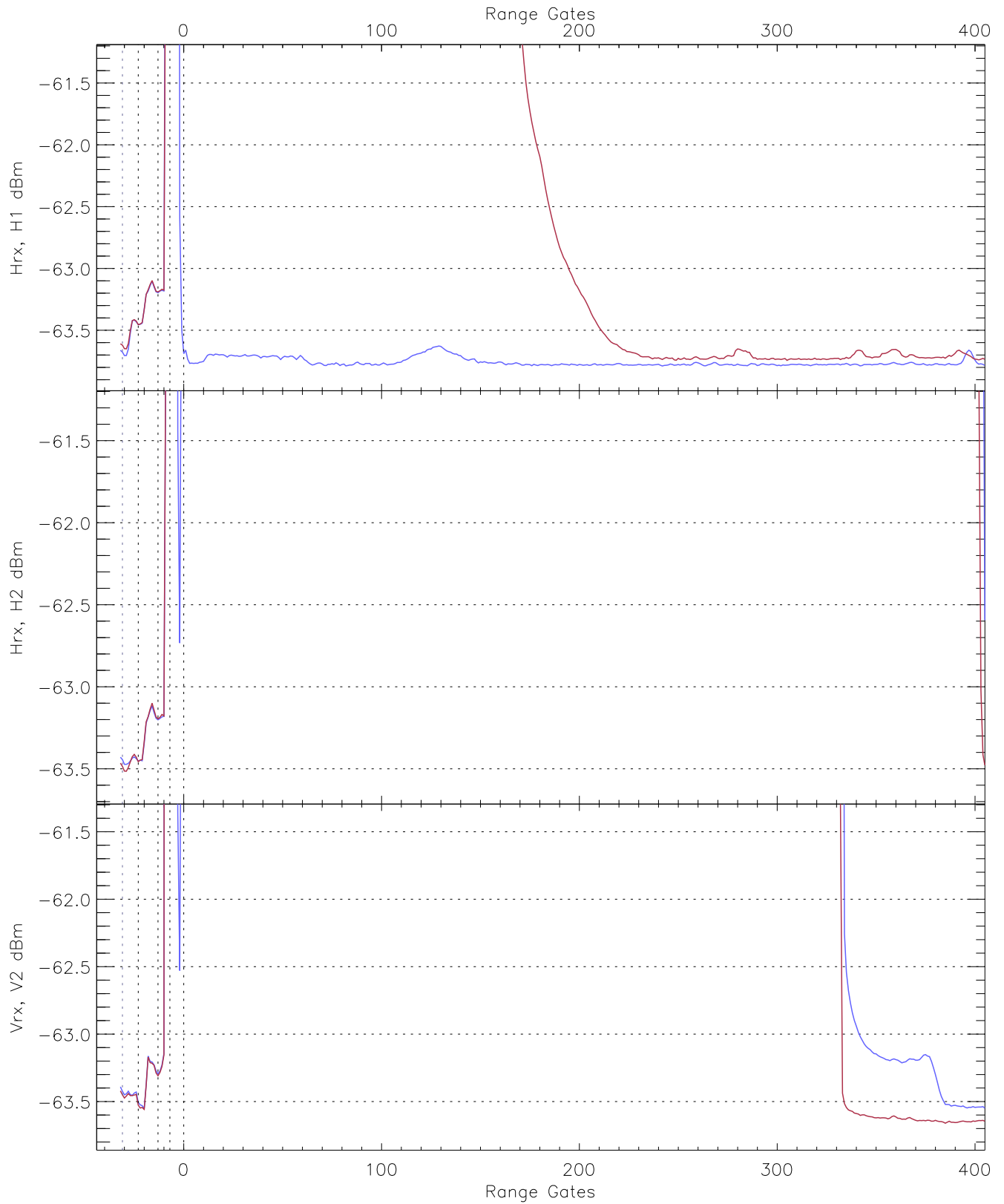
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.65	-62.73	-63.65	-63.66	-75.67
Hrx, H2 (RM [dBm])	-64.54	-62.52	-63.46	-63.47	-75.51
Vrx, V2 (RM [dBm])	-64.44	-61.56	-63.44	-63.45	-75.37

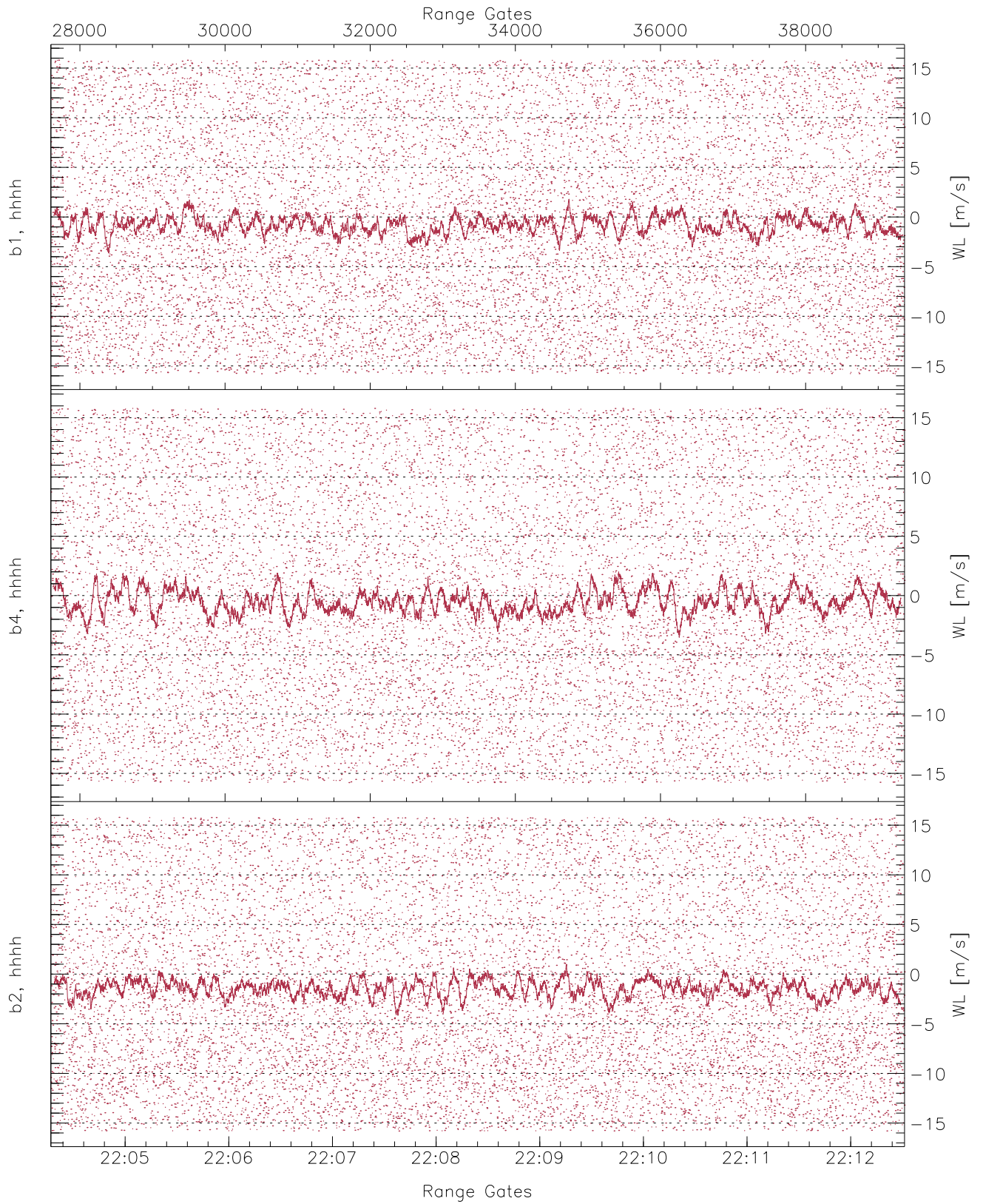


WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG242 [dBm]	-64.96	-62.65	-63.76	-63.77	-75.76
H1RG242 [dBm]	-64.96	-62.65	-63.76	-63.77	-75.76
V2RG396 [dBm]	-64.67	-61.08	-63.60	-63.64	-74.50

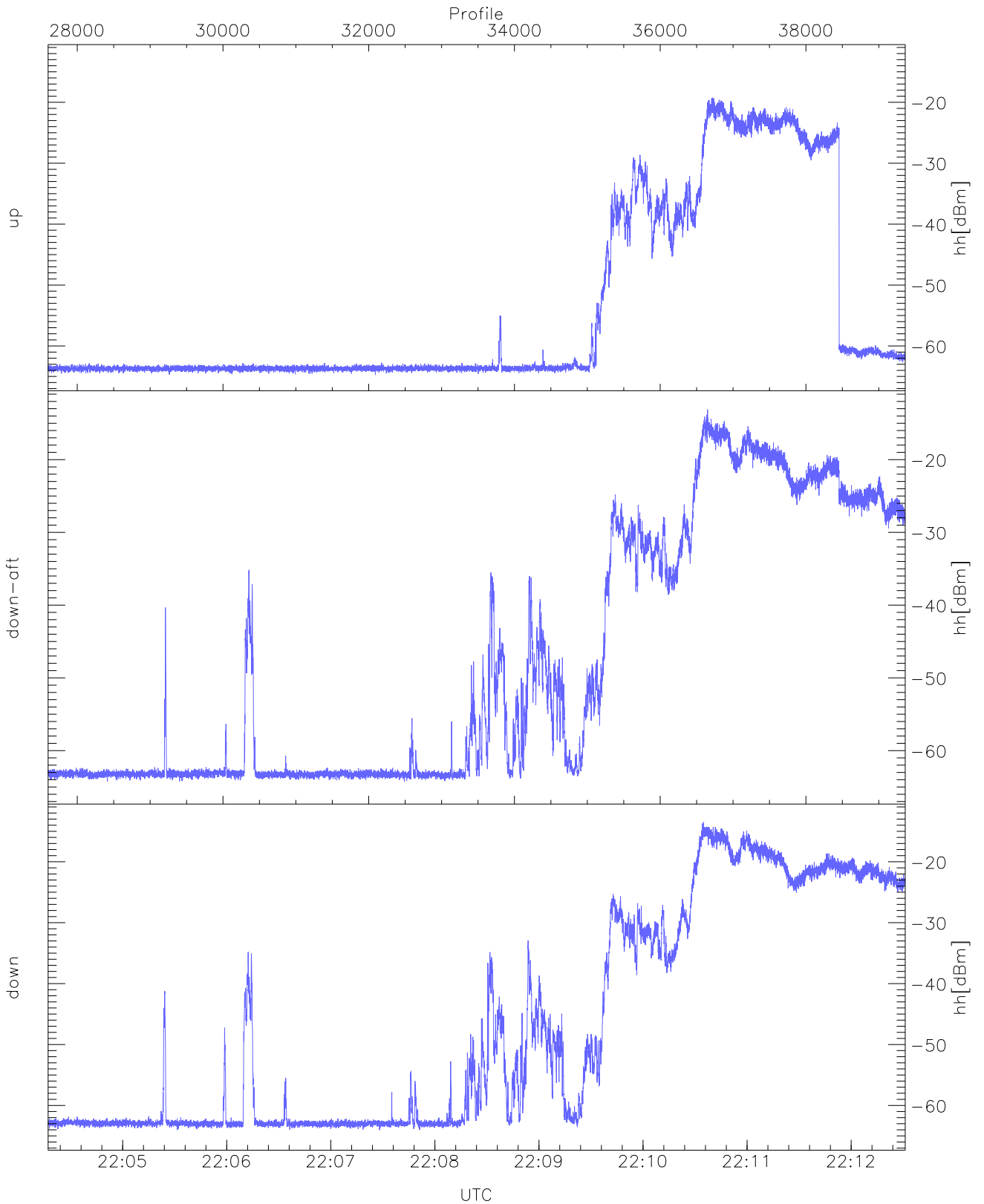


WCR2 CPP Averaged Received power for all recorded gates  
blue: 220417-220824, 5883 profiles averaged  
red: 220824-221231, 5882 profiles averaged



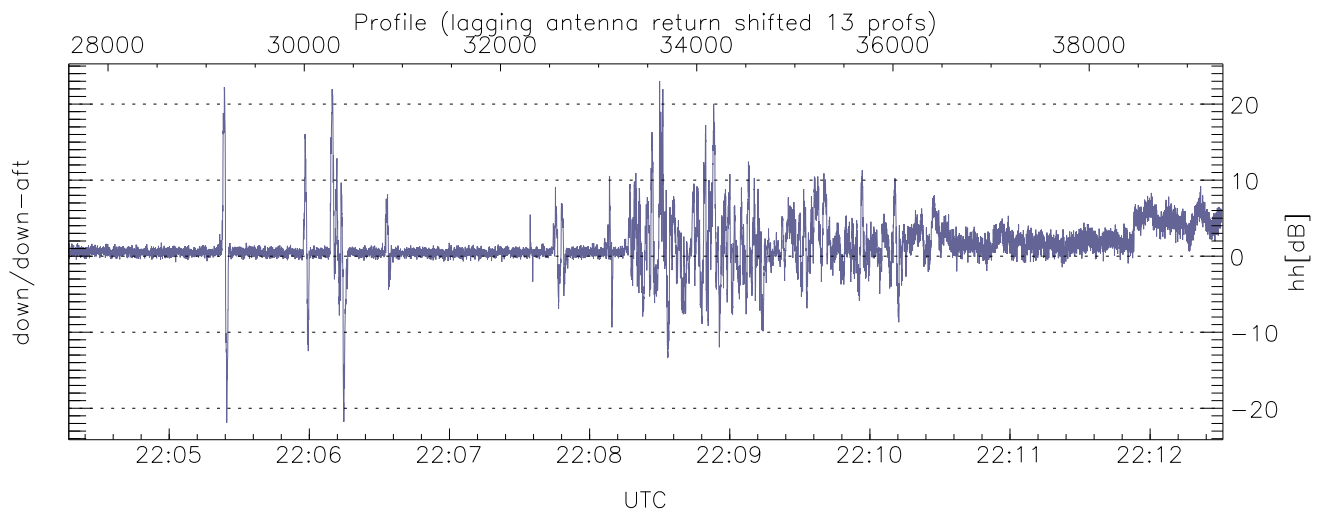
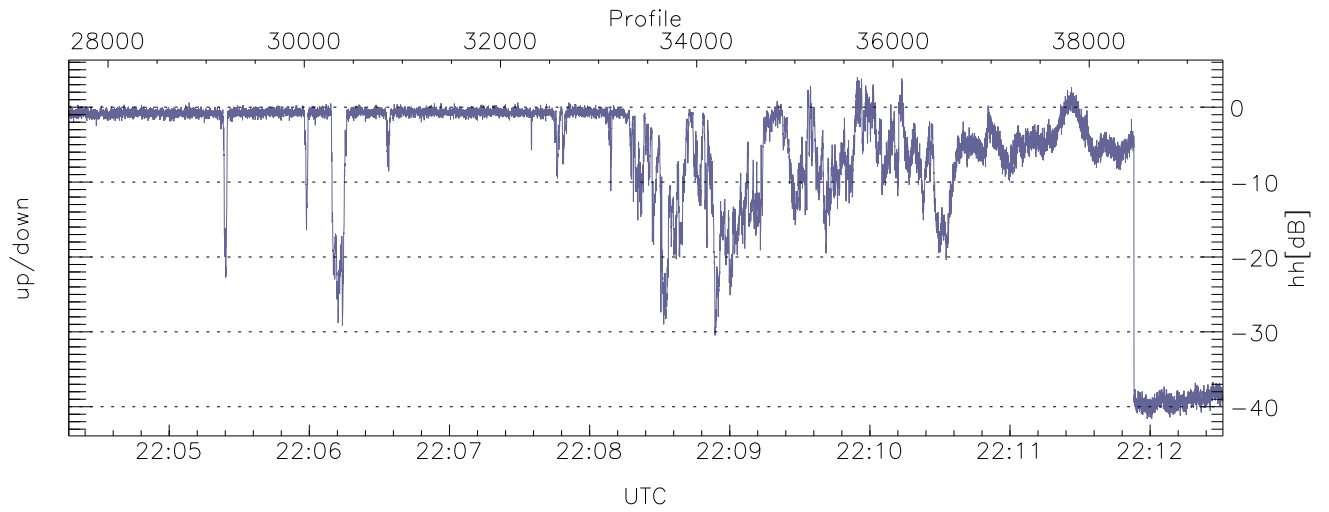
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements





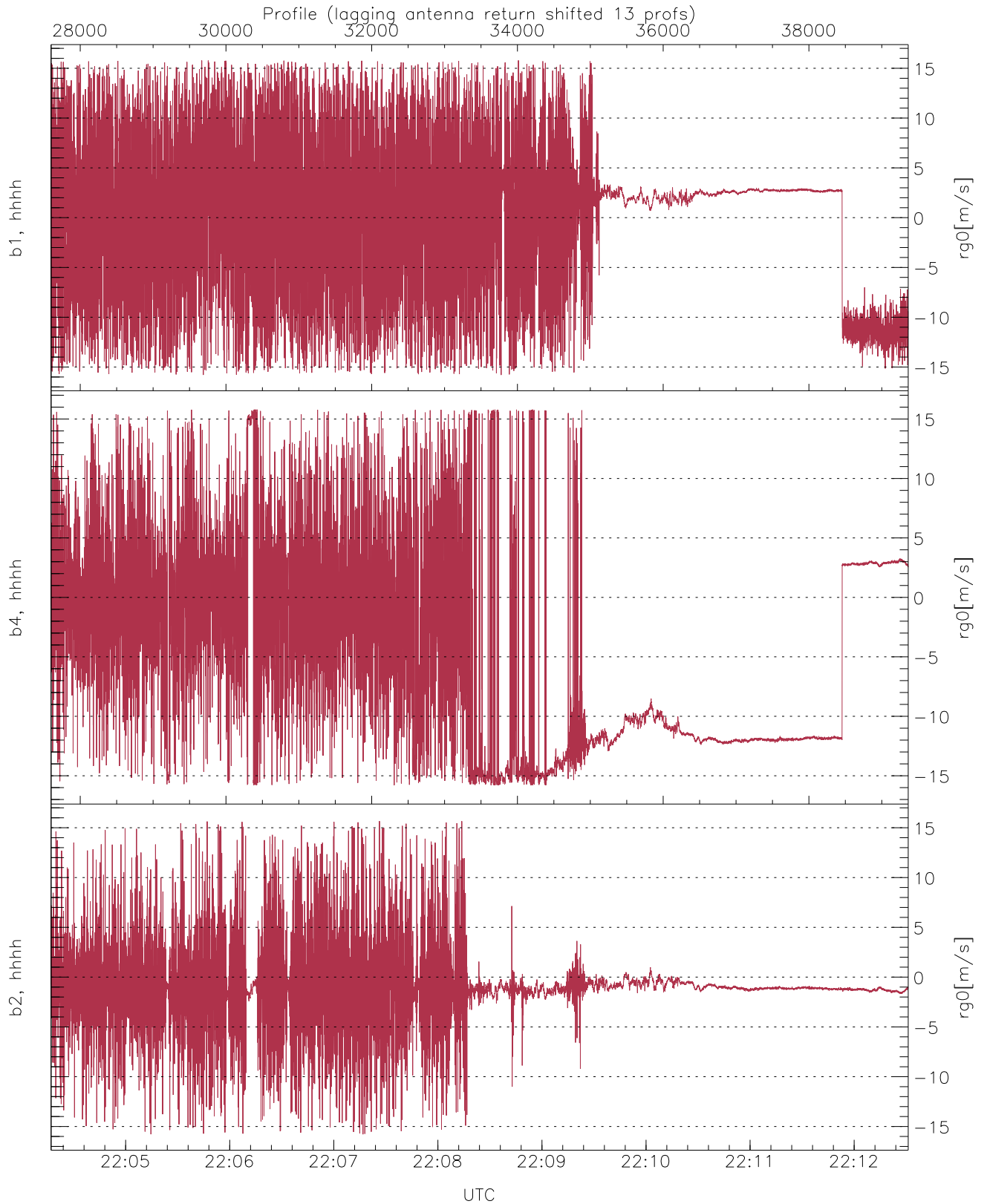
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-64.76	-19.27	-31.27
down-aft(hh[dBm])	-64.25	-13.11	-26.27
down(hh[dBm])	-64.04	-13.45	-25.25



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

	Min	Max	Mean
up/down(hh[dB])	-41.62	4.02	-6.48
down/down-aft(hh[dB])	-21.89	23.04	1.43



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1, hhhh(rg0[m/s])	-15.80	15.79	0.06	7.04
b4, hhhh(rg0[m/s])	-15.80	15.80	-4.97	7.96
b2, hhhh(rg0[m/s])	-15.78	15.67	-1.08	3.52