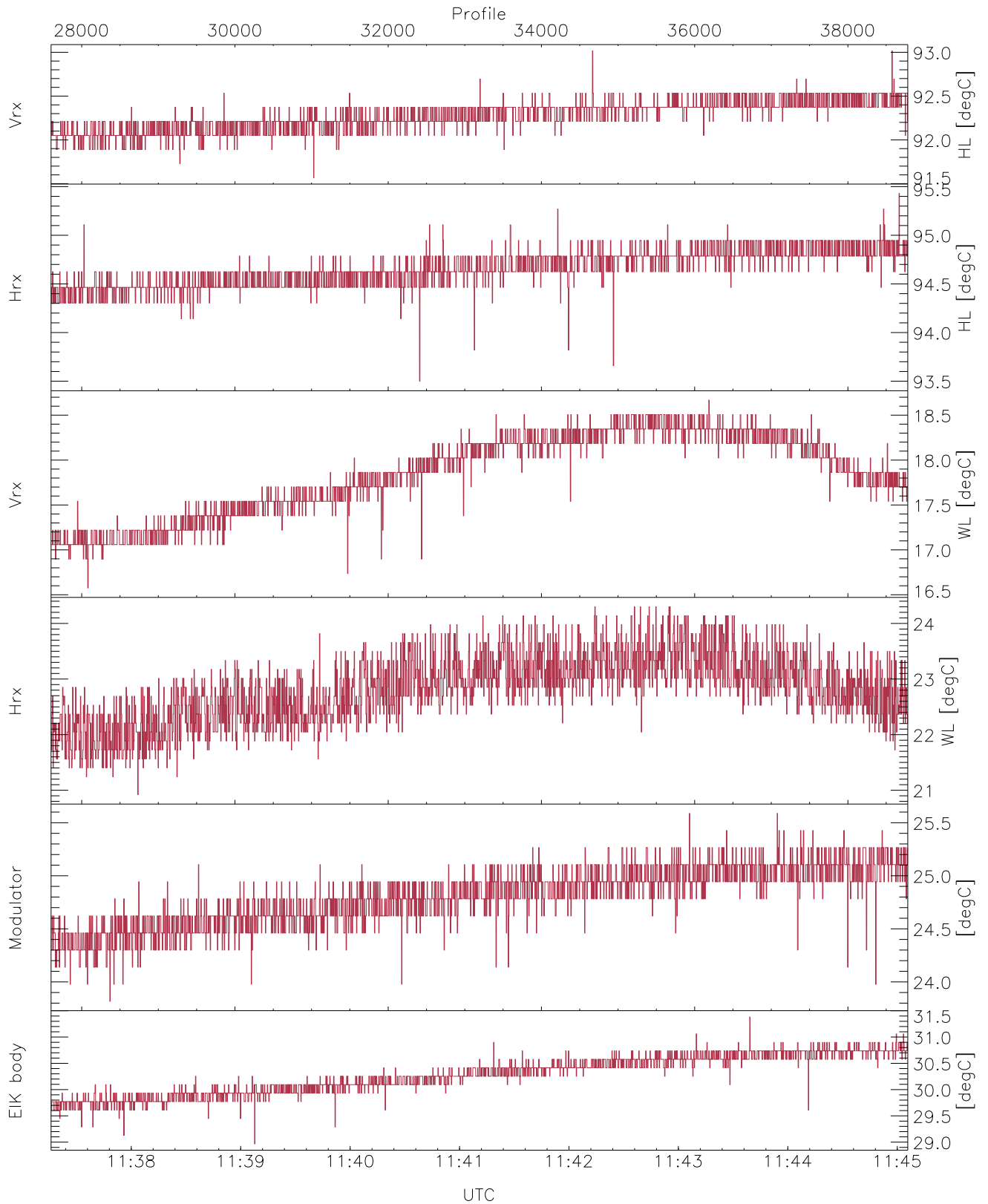




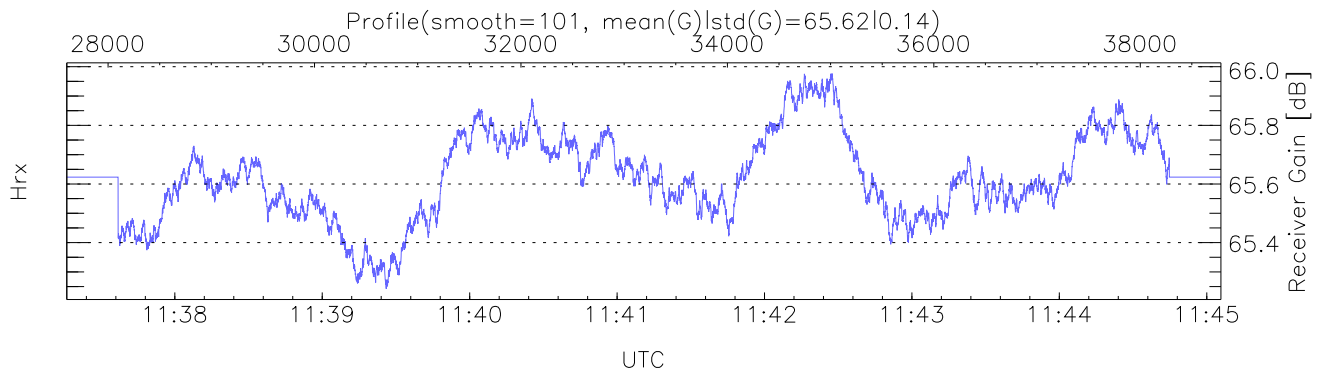
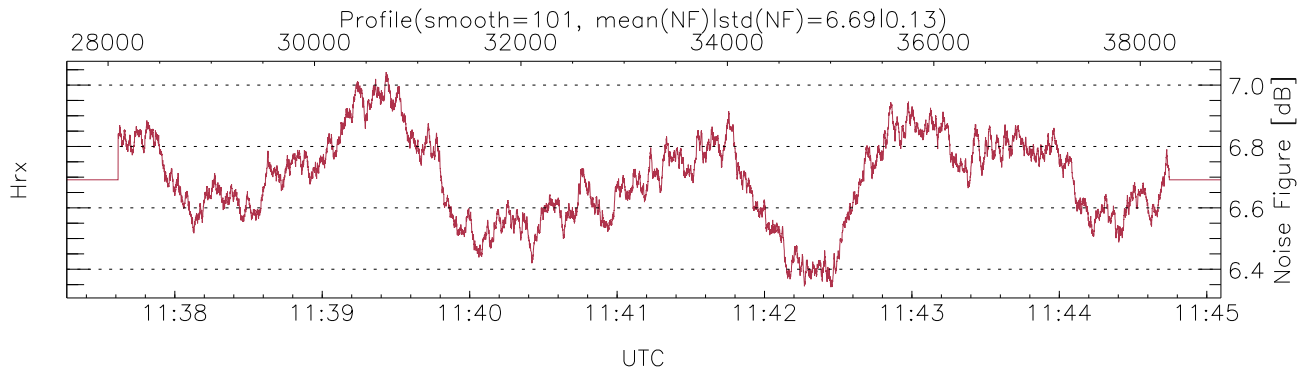
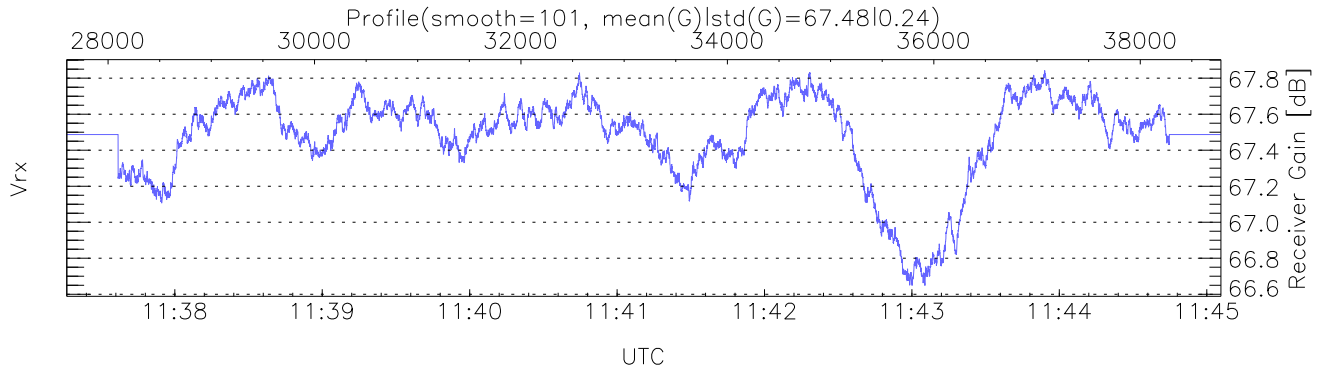
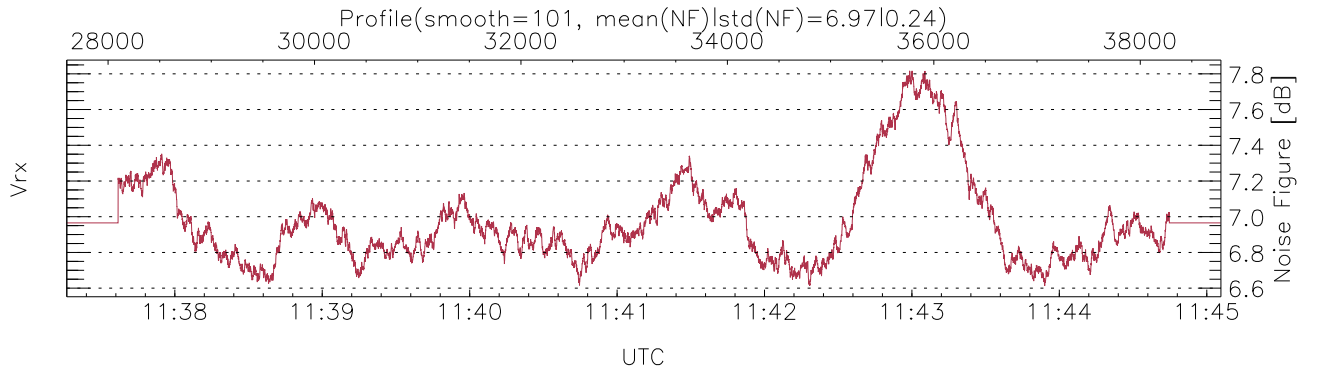
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

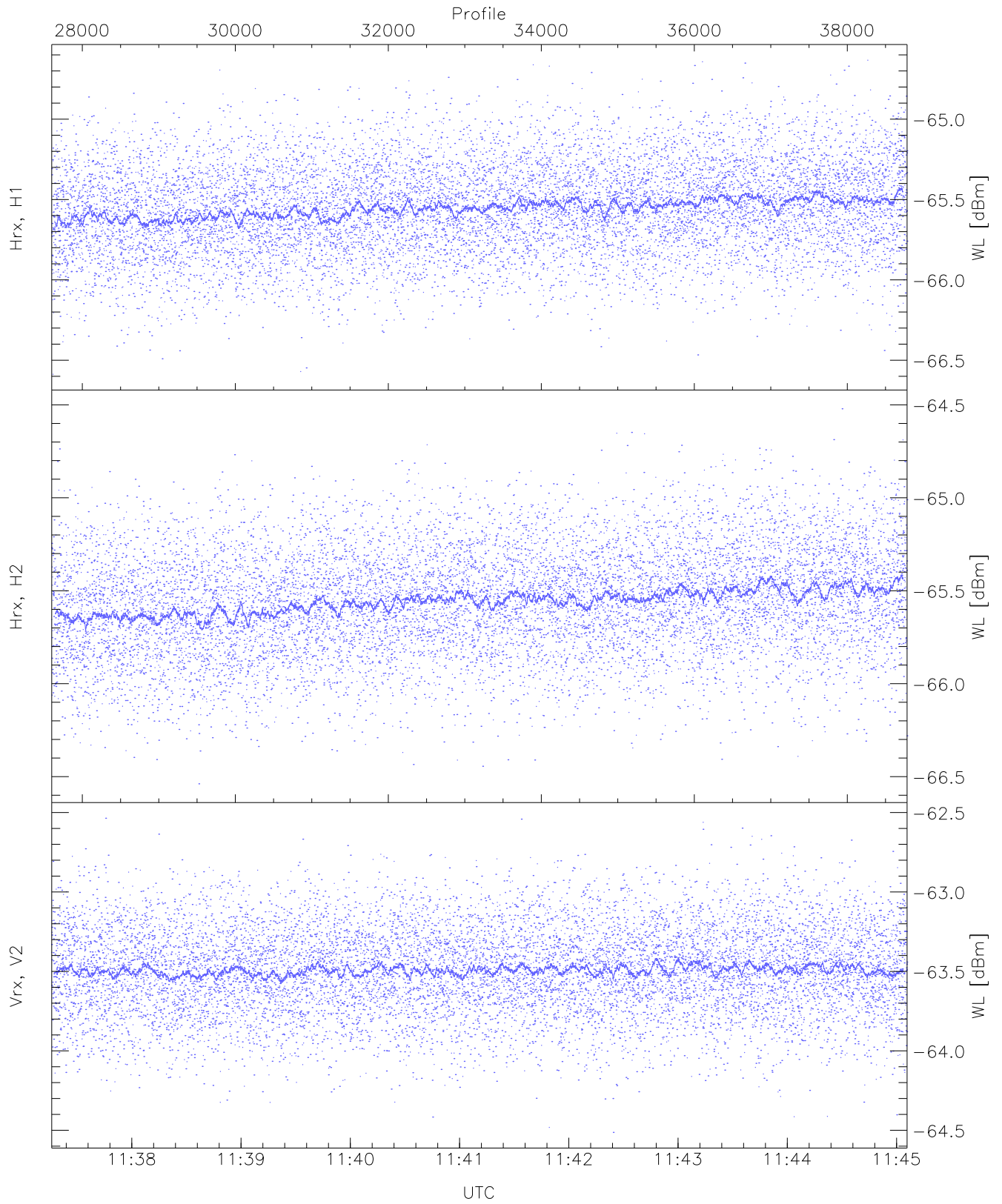
UTC: 11:17:57-11:45:06, Dur: 1629.25s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24  
 NumRec(r/t): 11183/38783, 27600-38782/11:37:16-11:45:06  
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 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

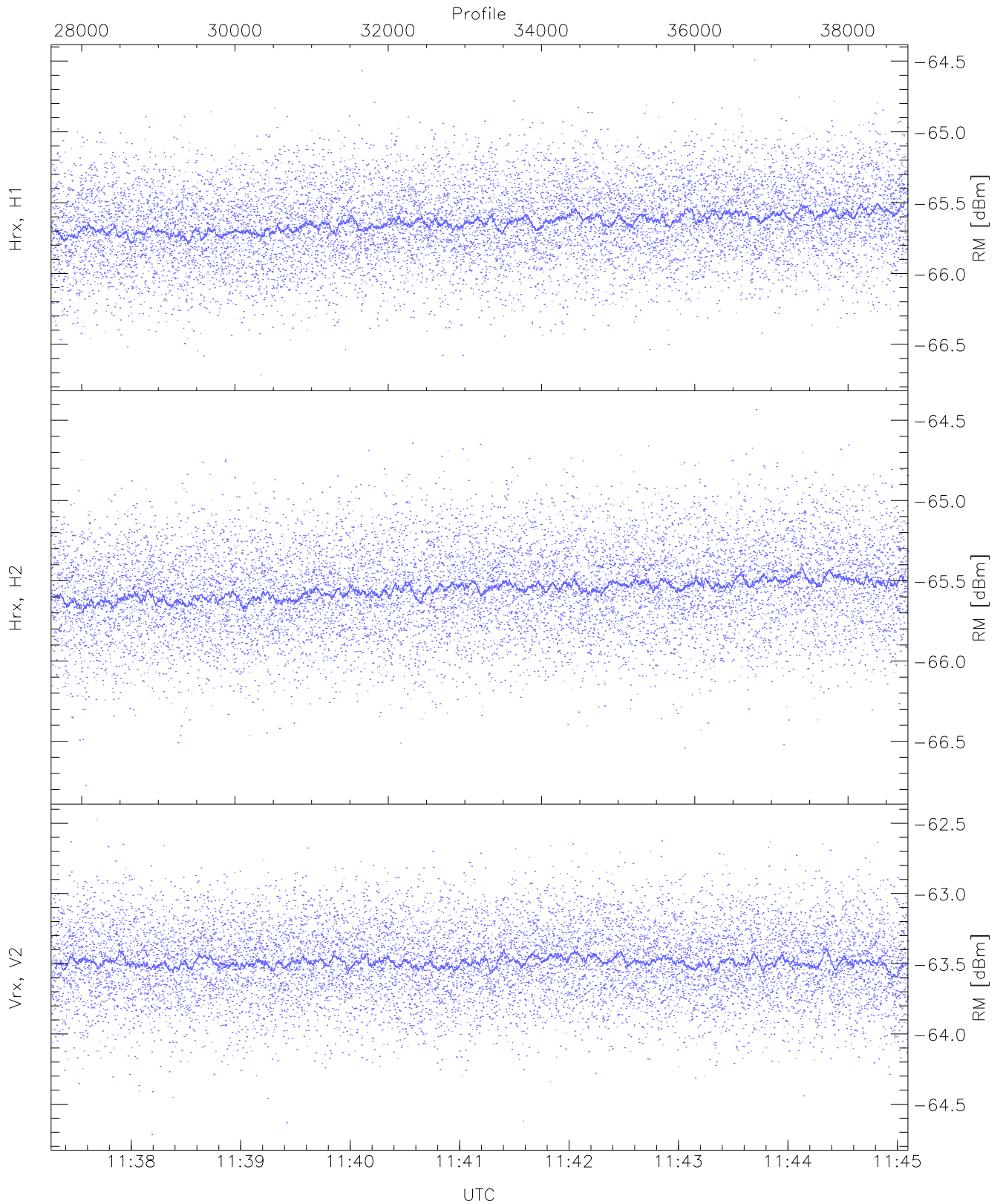
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,16,20,23,28  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,18,24,25,31  
LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,19,0  
EIK/Modulator Faults: None





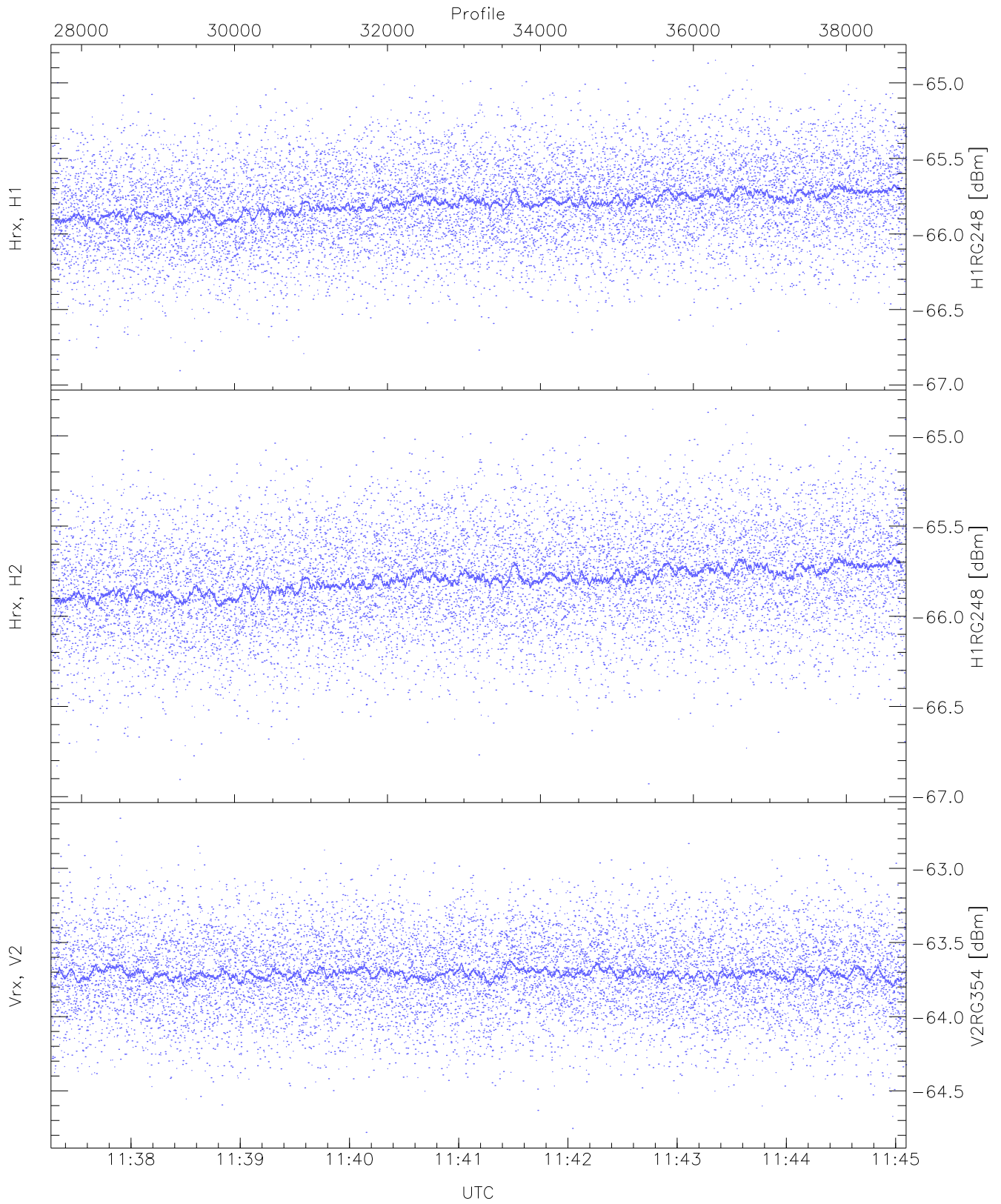
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.59	-64.63	-65.55	-65.56	-77.61
Hrx, H2 (WL [dBm])	-66.54	-64.52	-65.55	-65.56	-77.57
Vrx, V2 (WL [dBm])	-64.51	-62.54	-63.49	-63.49	-75.66



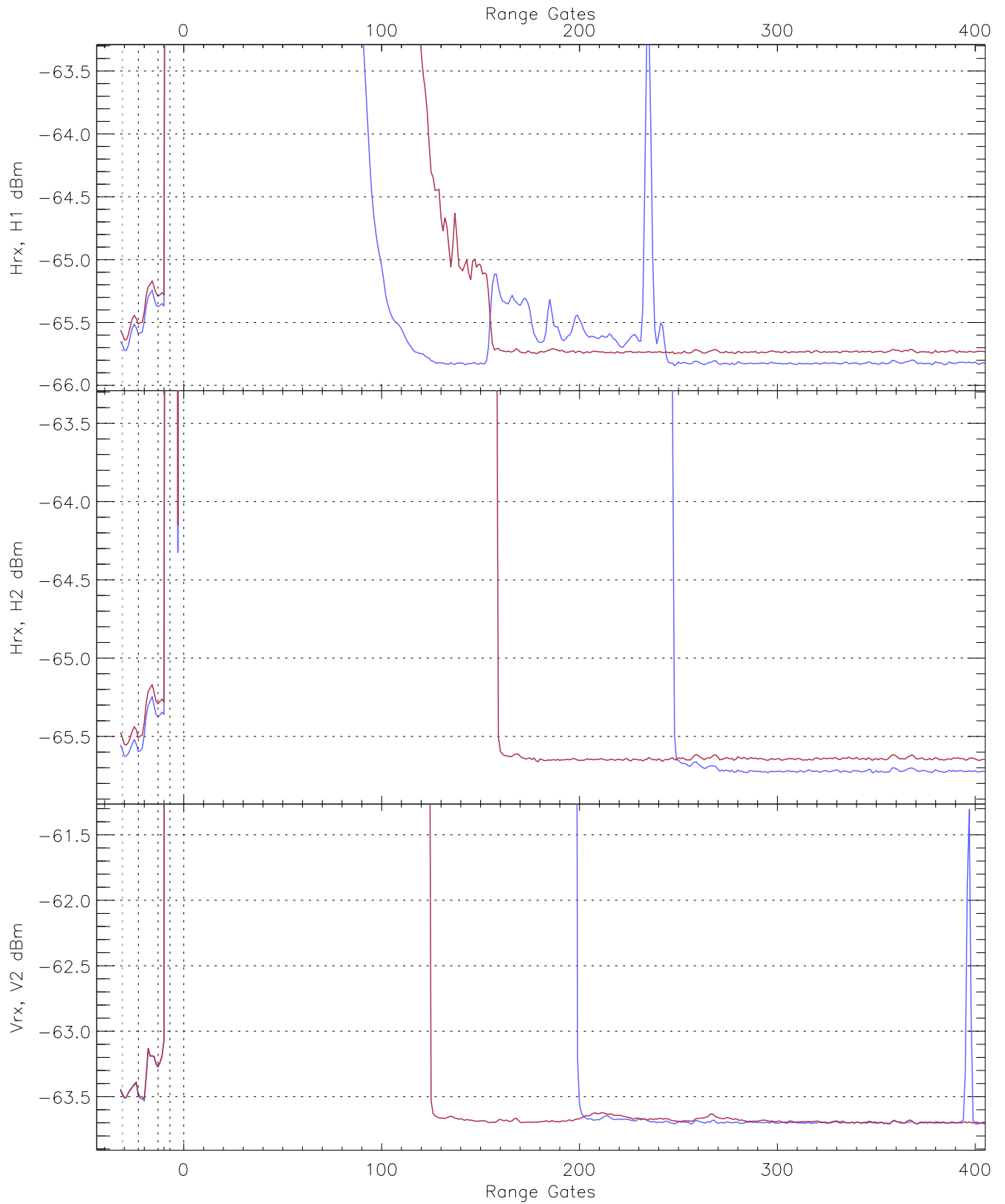
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.72	-64.49	-65.64	-65.64	-77.67
Hrx, H2 (RM [dBm])	-66.77	-64.43	-65.55	-65.55	-77.57
Vrx, V2 (RM [dBm])	-64.72	-62.47	-63.48	-63.49	-75.60



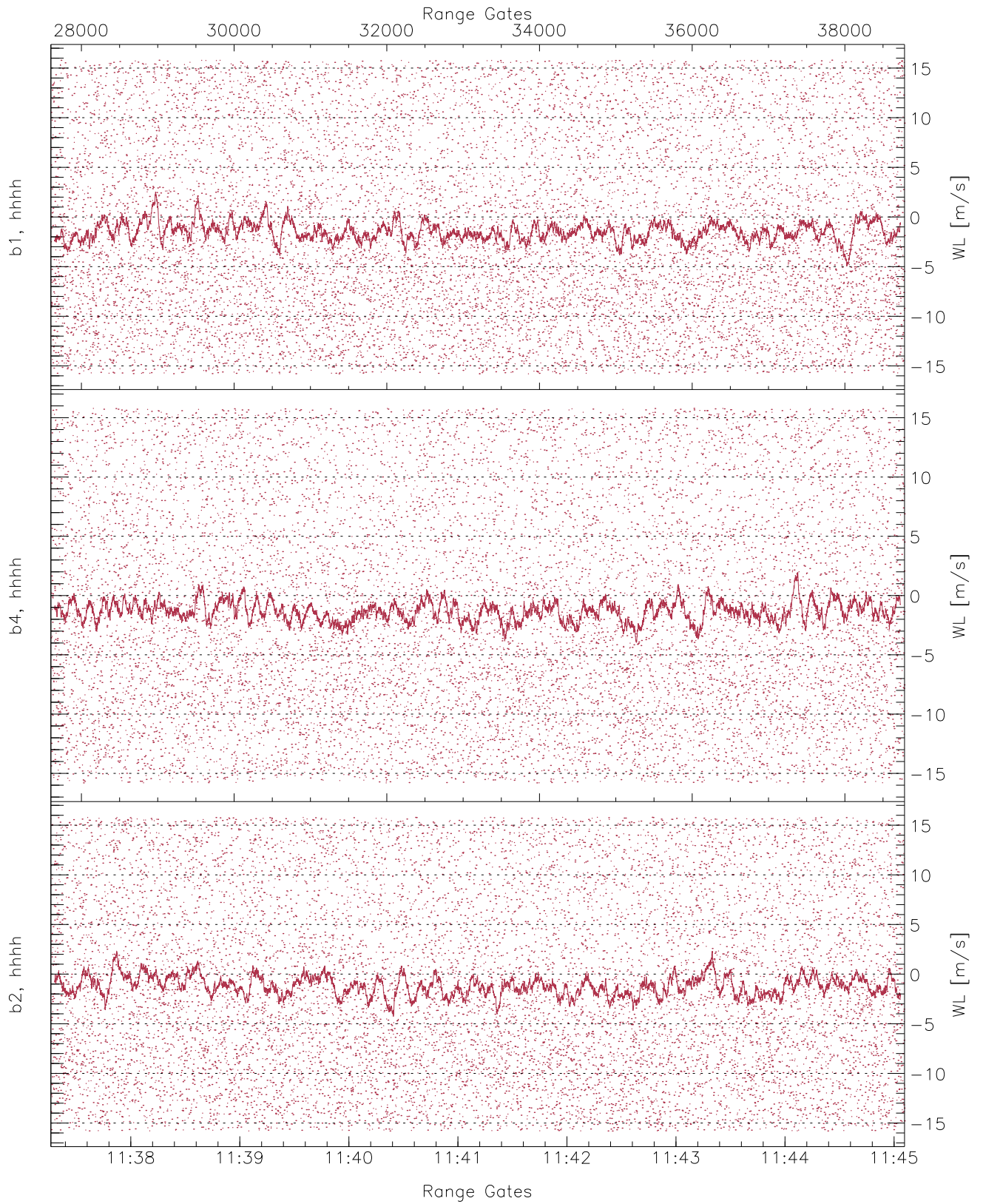
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG248 [dBm]	-66.93	-64.85	-65.79	-65.80	-77.81
H1RG248 [dBm]	-66.93	-64.85	-65.79	-65.80	-77.81
V2RG354 [dBm]	-64.78	-62.66	-63.71	-63.71	-75.84



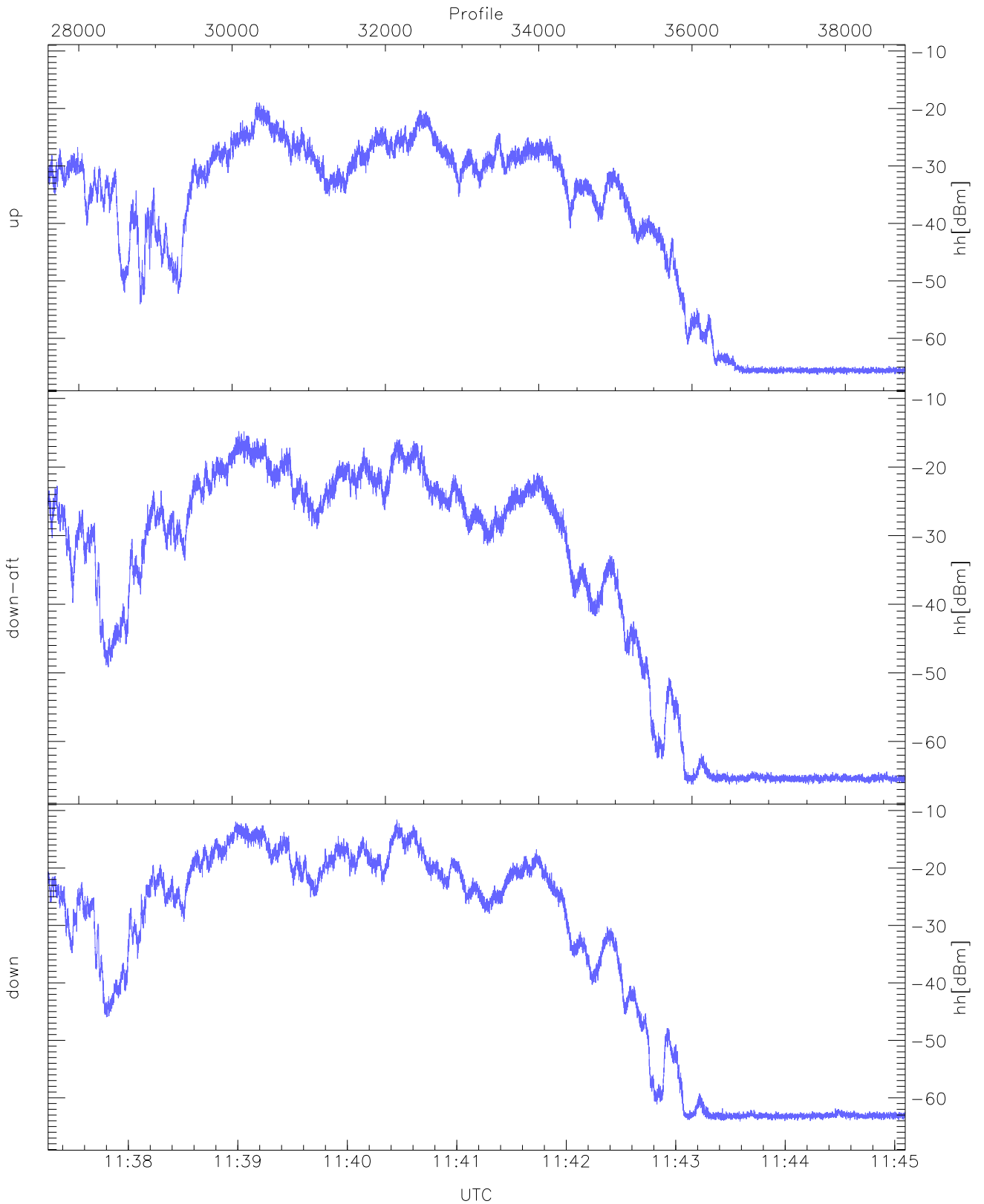
WCR2 CPP Averaged Received power for all recorded gates  
blue: 113716-114110, 5592 profiles averaged  
red: 114110-114506, 5592 profiles averaged





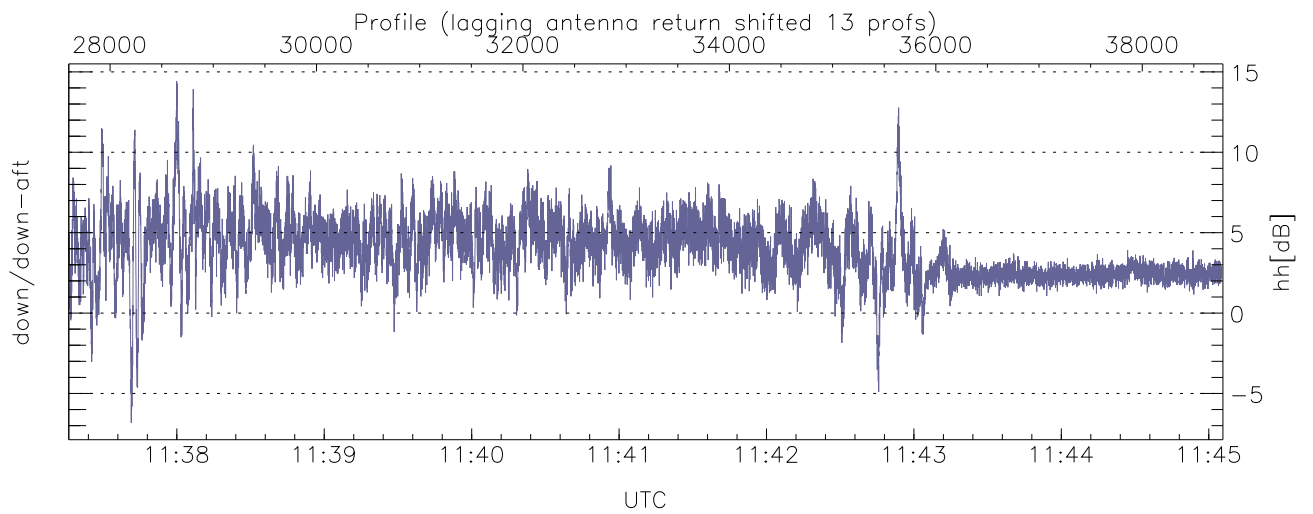
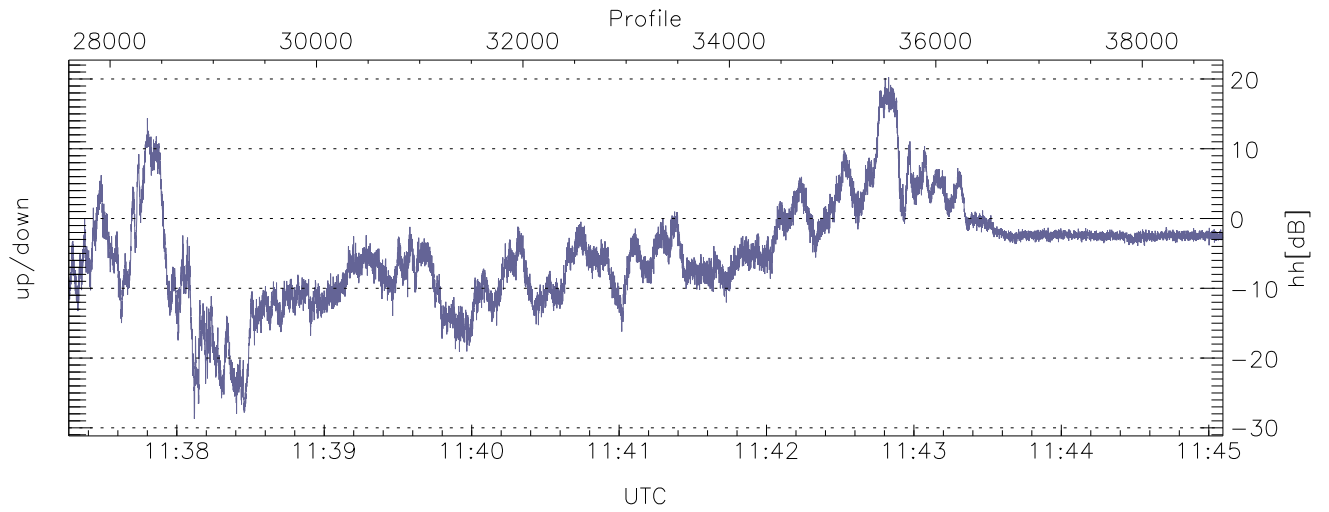
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements





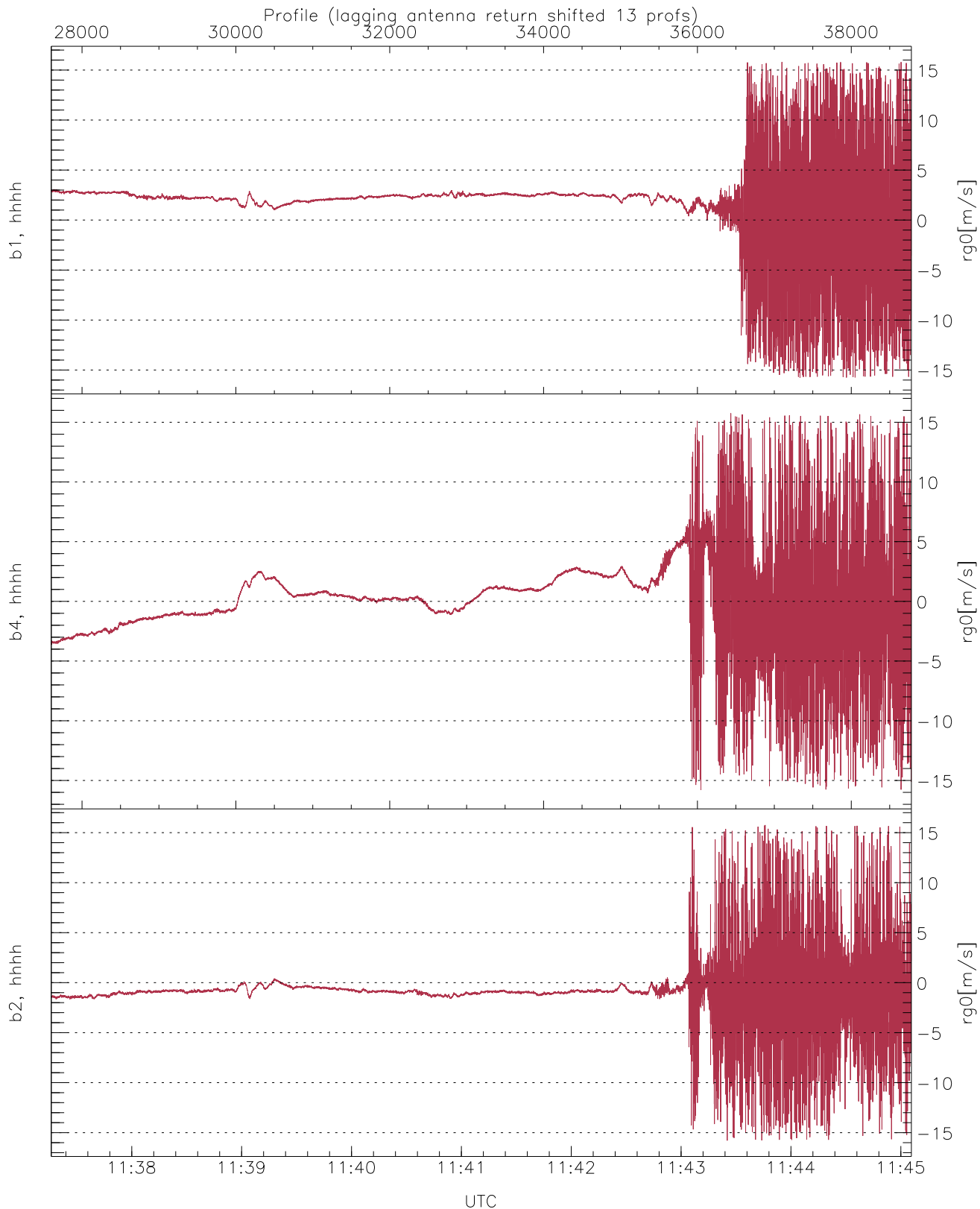
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-66.38	-18.94	-29.66
down-aft(hh[dBm])	-66.30	-14.77	-24.75
down(hh[dBm])	-64.11	-11.62	-21.26



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

	Min	Max	Mean
up/down(hh[dB])	-28.71	20.27	-3.97
down/down-aft(hh[dB])	-6.81	14.44	3.93



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1, hhhh(rg0[m/s])	-15.79	15.80	1.65	3.81
b4, hhhh(rg0[m/s])	-15.80	15.75	0.07	3.72
b2, hhhh(rg0[m/s])	-15.79	15.76	-0.94	3.08