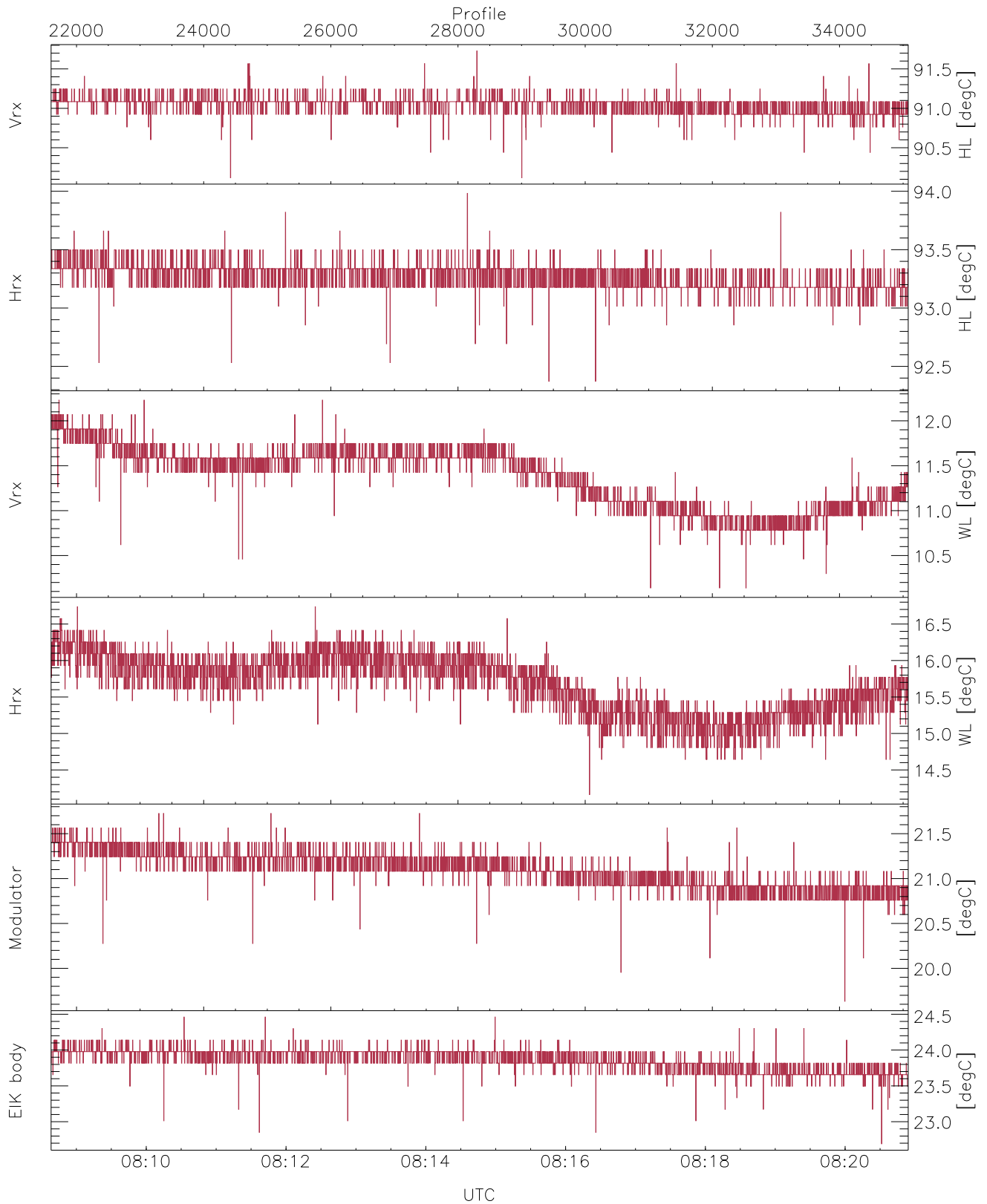


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

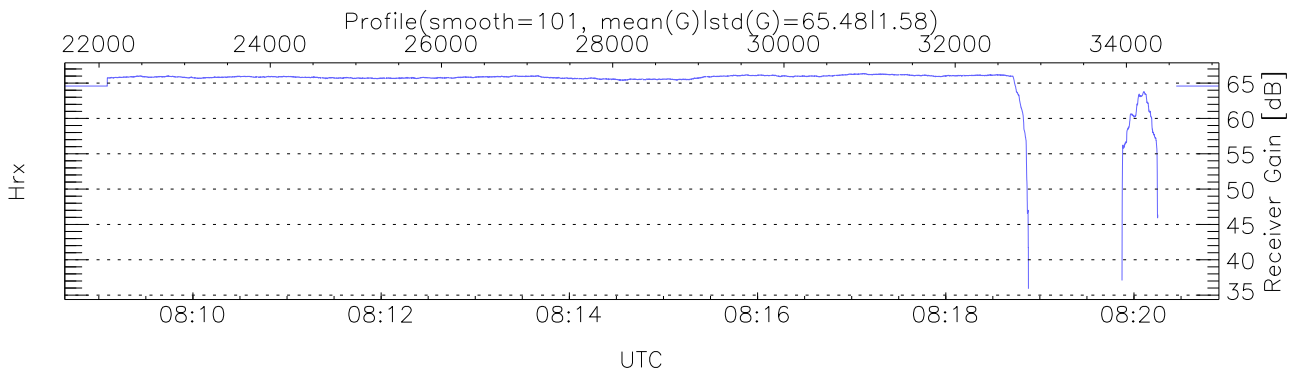
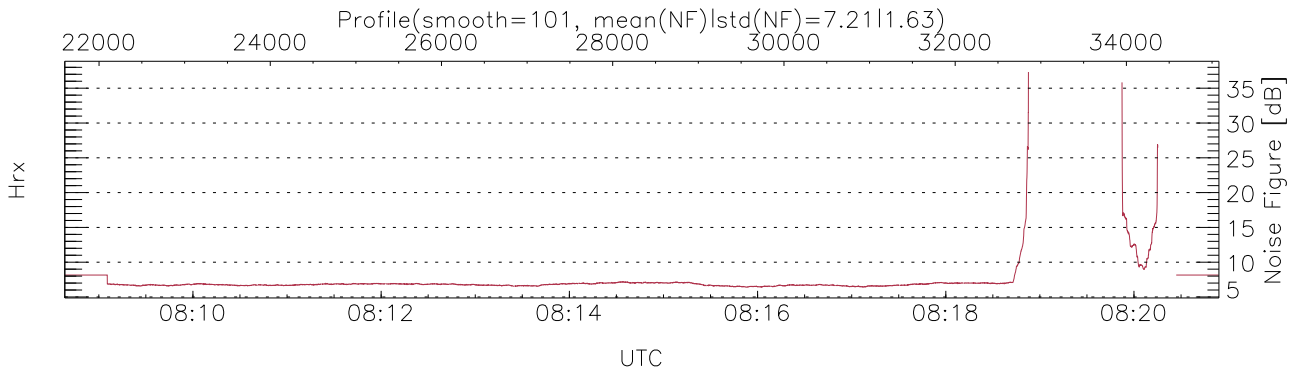
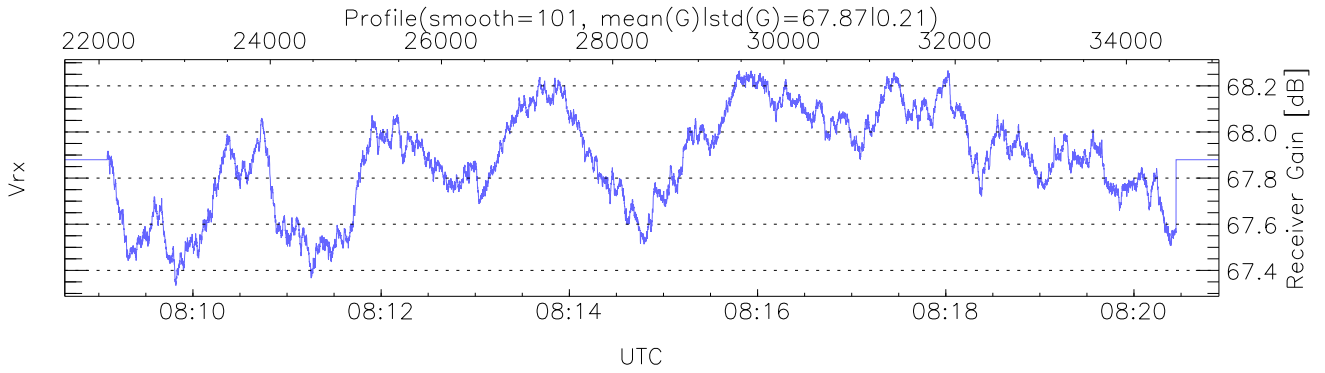
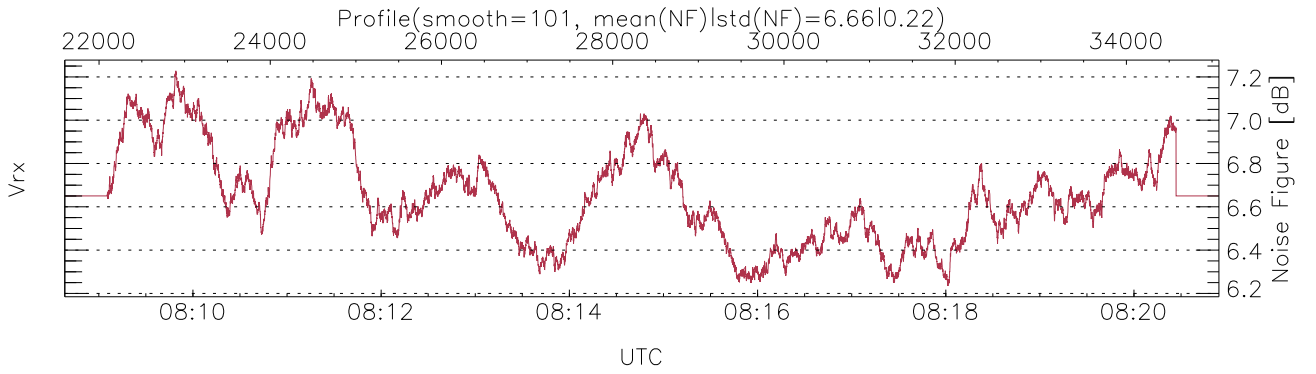
UTC: 07:48:59-08:20:54, Dur: 1914.87s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.6,54.6,54.6,0.0 ms / 18,18,18
 NumRec(r/t): 13482/35082, 21600-35081/08:08:38-08:20:54
 AcqTime: 54.6ms, Rate: 387KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 15.4 15.4 15.4 15.4 15.4 KHz, IGS: 65us
 Range(min,max,rgs): 105,8440,15.0 m, Gates: 556, Aspect: 2.4

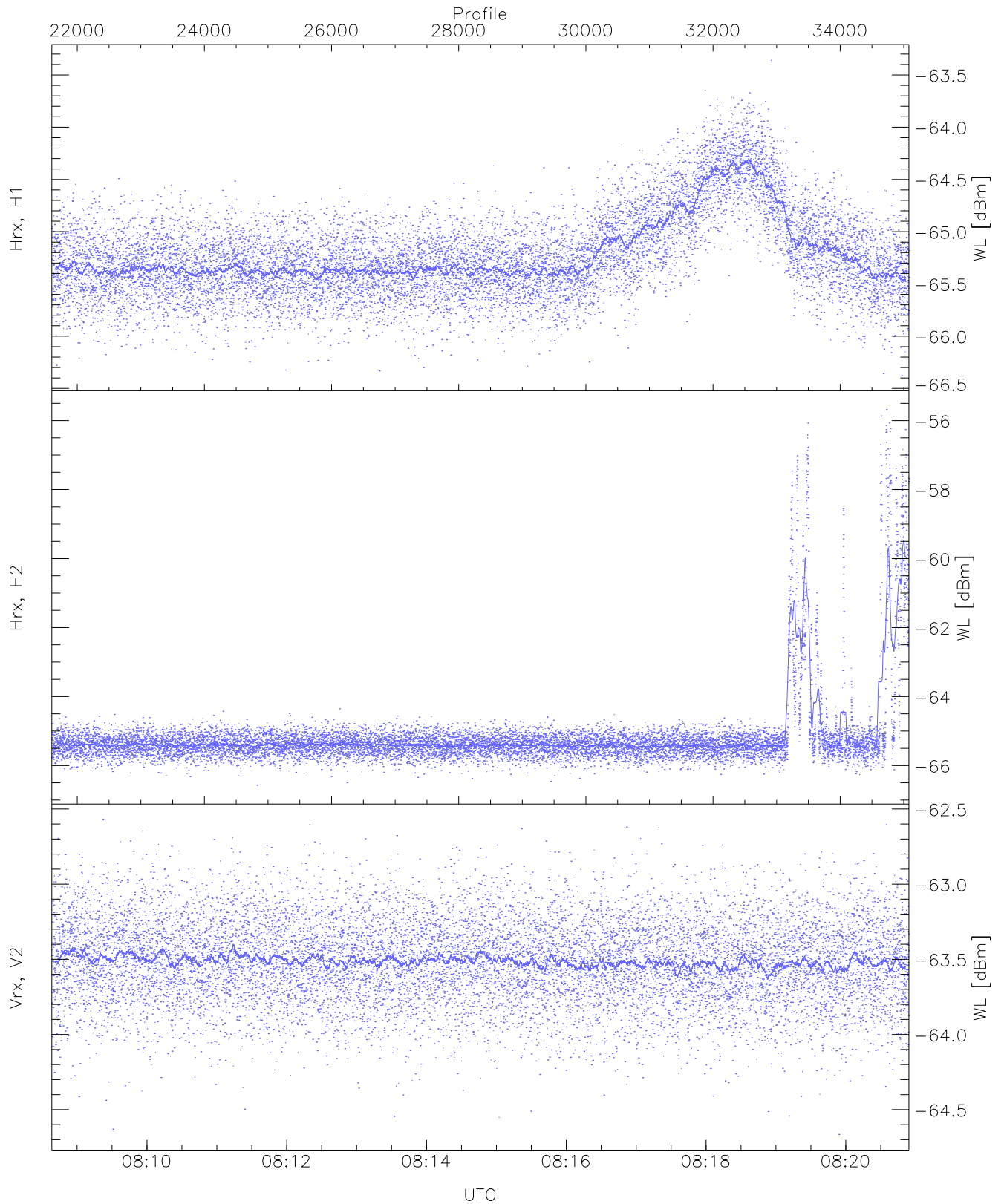


WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator Body, EIK Body

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,10,14,19,22
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,12,16,21,24
 LOalarm(20,80,240,2.8,14.8 MHz): 25,0,0,24,0
 EIK/Modulator Faults: None

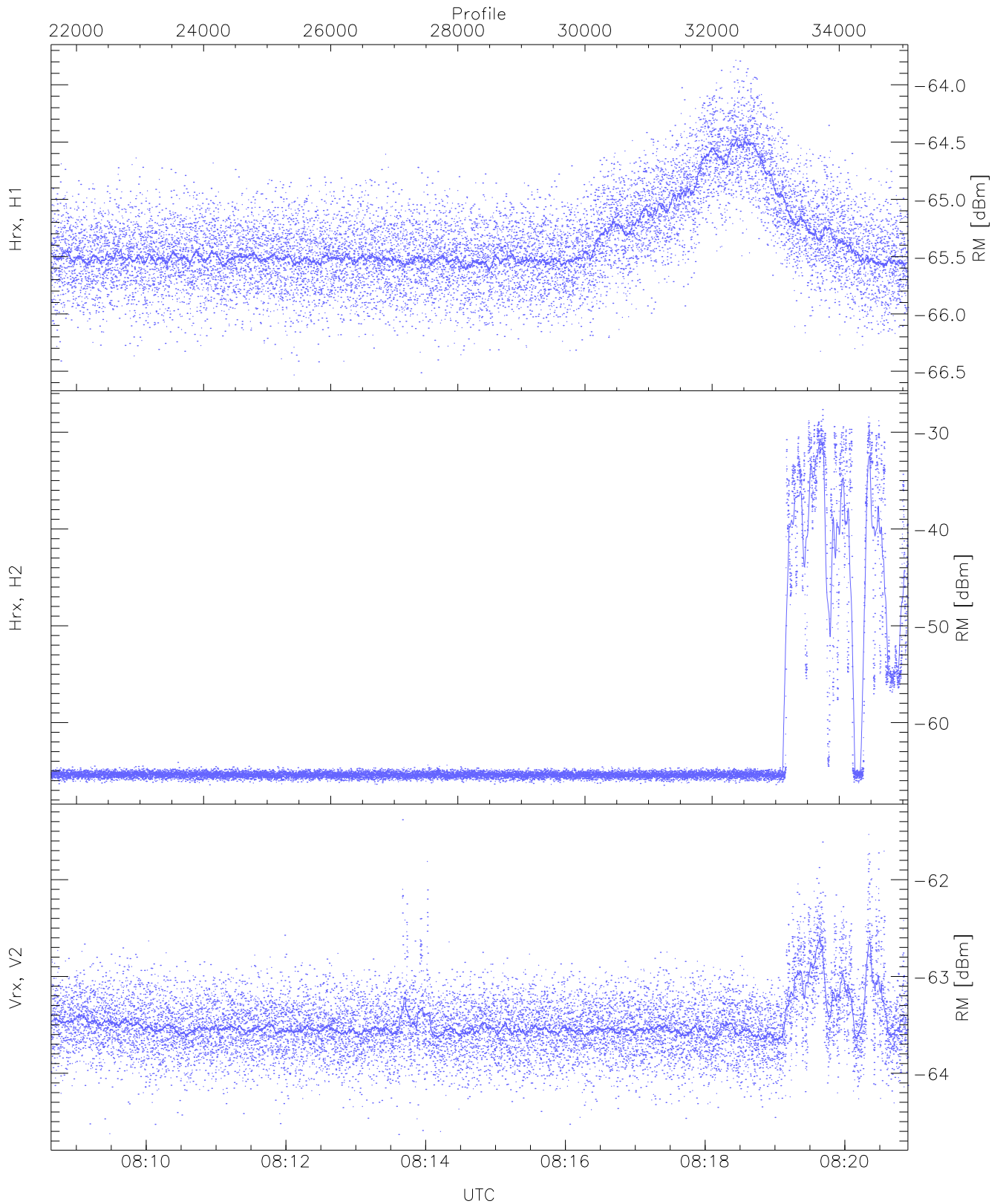
WARNING: <HrxHLn>-<HrxWLn> < 0.05dB for 1 pwr prods.





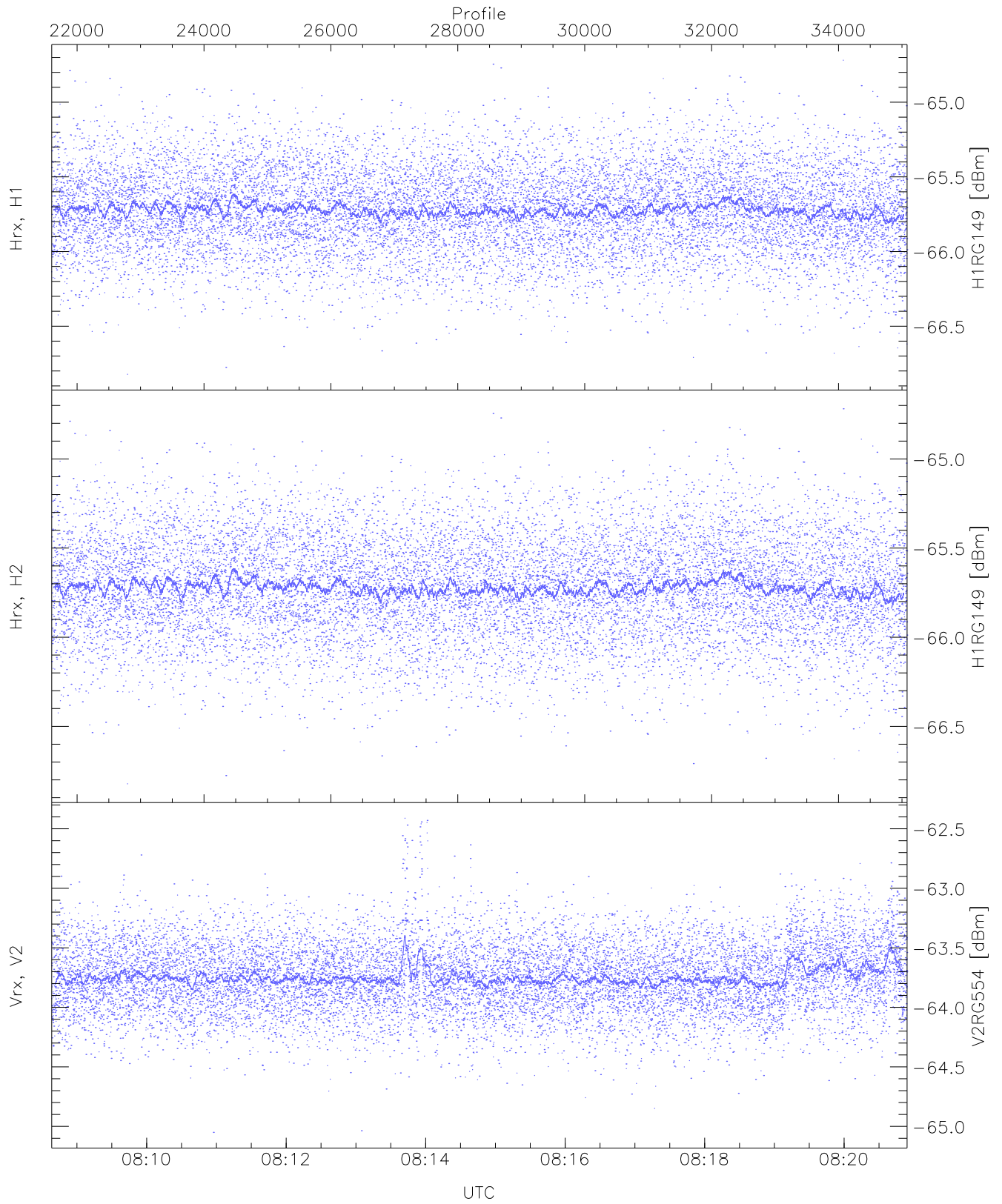
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.37	-63.36	-65.20	-65.28	-75.37
Hrx, H2 (WL [dBm])	-66.57	-55.68	-64.87	-65.38	-67.18
Vrx, V2 (WL [dBm])	-64.67	-62.57	-63.51	-63.51	-75.64



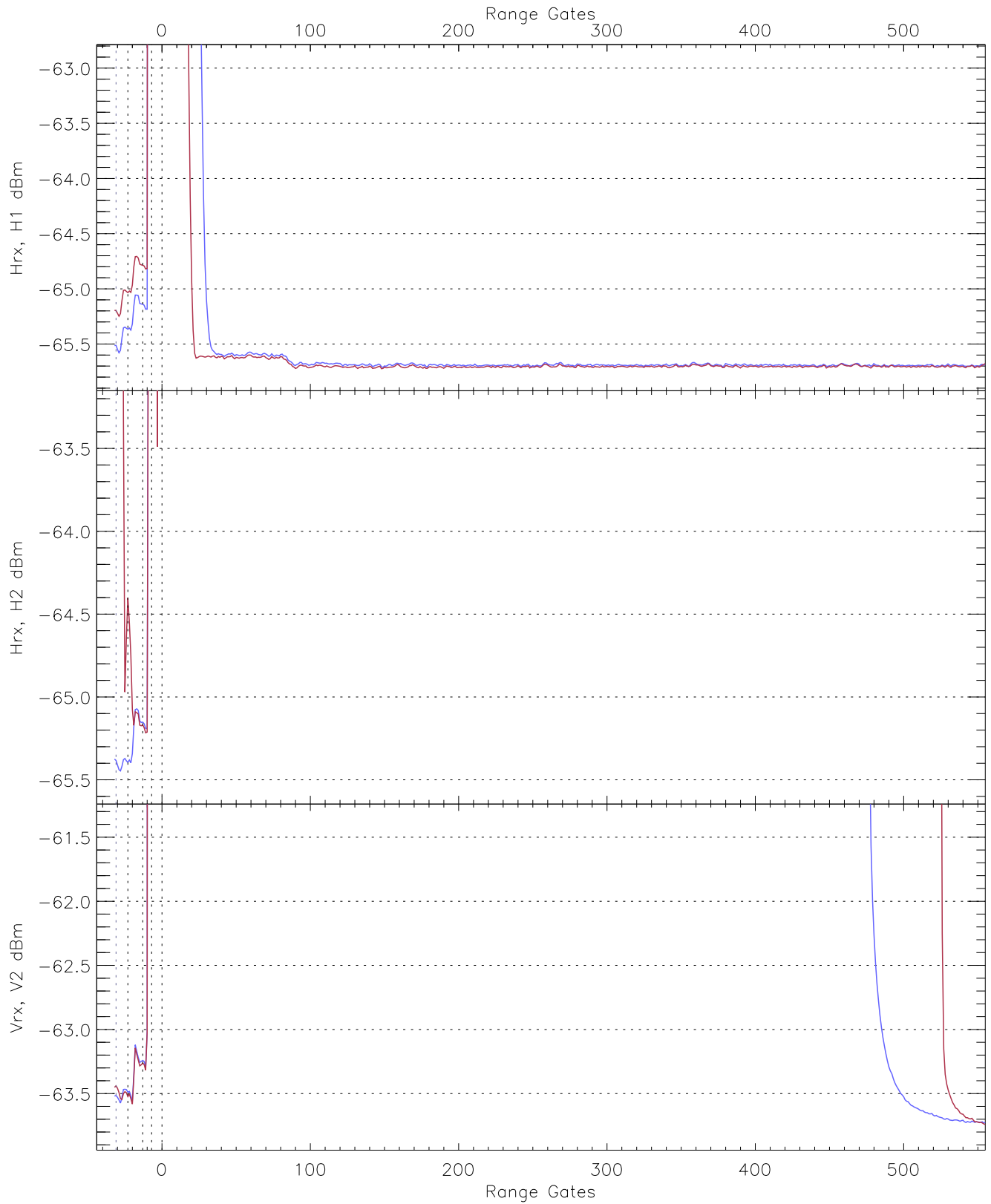
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.53	-63.79	-65.35	-65.42	-75.64
Hrx, H2 (RM [dBm])	-66.47	-27.66	-44.22	-65.34	-38.17
Vrx, V2 (RM [dBm])	-64.63	-61.38	-63.48	-63.52	-74.50

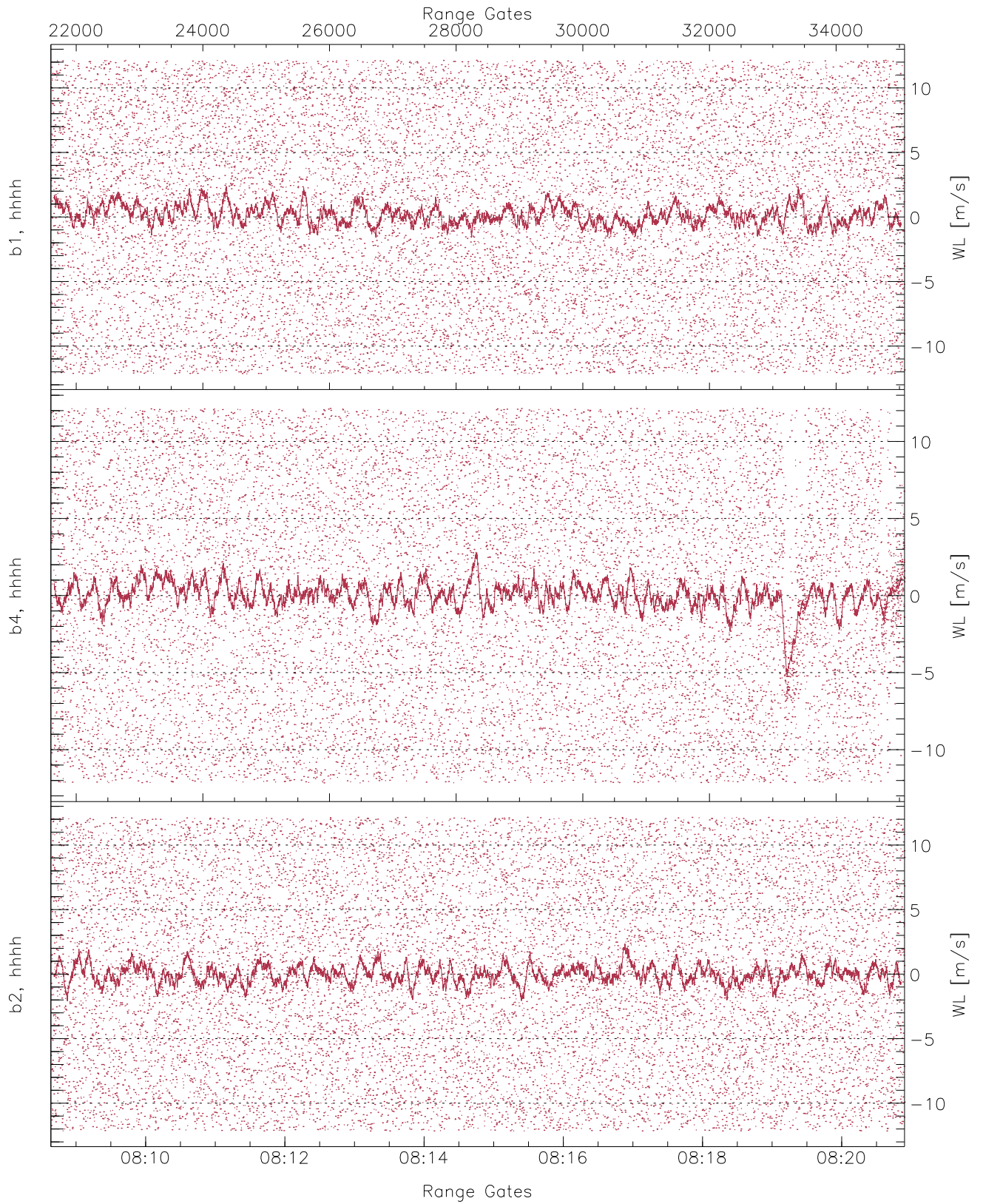


WCR2 CPP "Best" estimate Receivers Noise Power

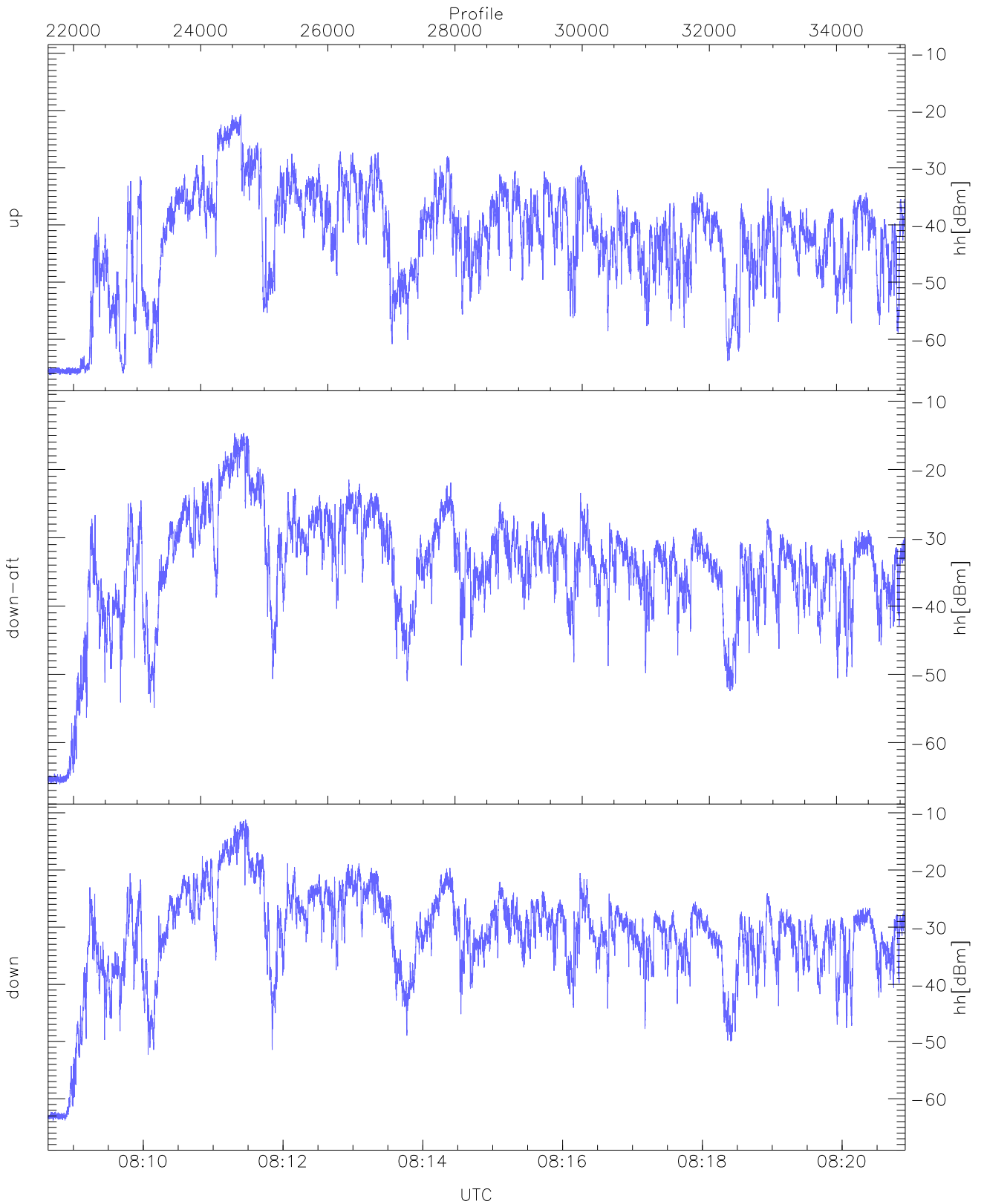
	Min	Max	Mean	Median	StDev
H1RG149 [dBm]	-66.82	-64.72	-65.72	-65.72	-77.82
H1RG149 [dBm]	-66.82	-64.72	-65.72	-65.72	-77.82
V2RG554 [dBm]	-65.05	-62.41	-63.74	-63.75	-75.66



WCR2 CPP Averaged Received power for all recorded gates
blue: 080838-81446, 6742 profiles averaged
red: 81446-82054, 6741 profiles averaged

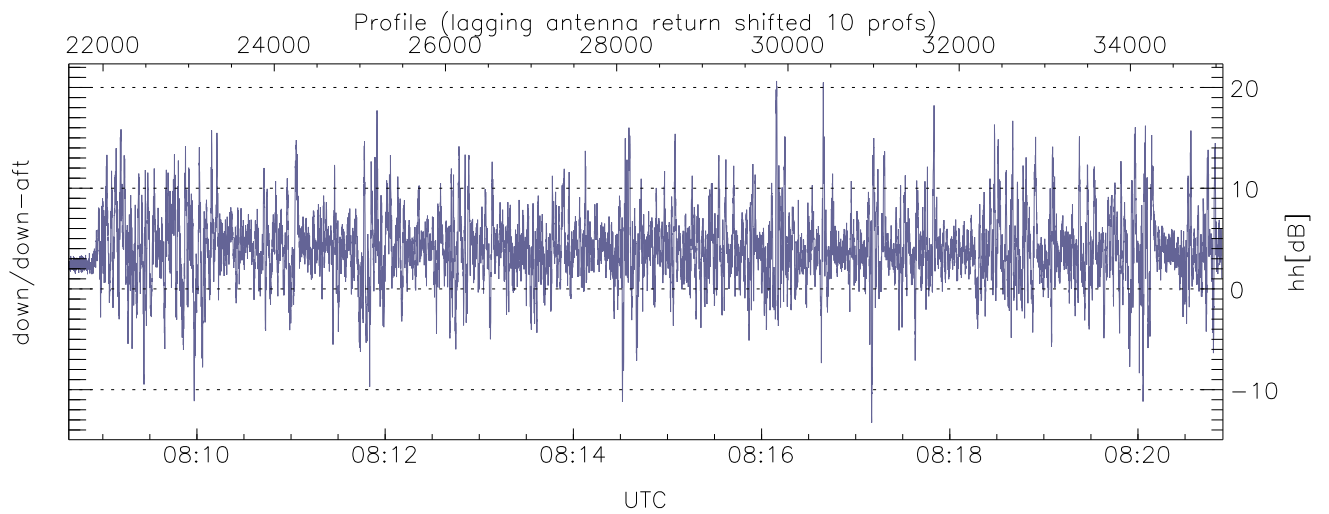
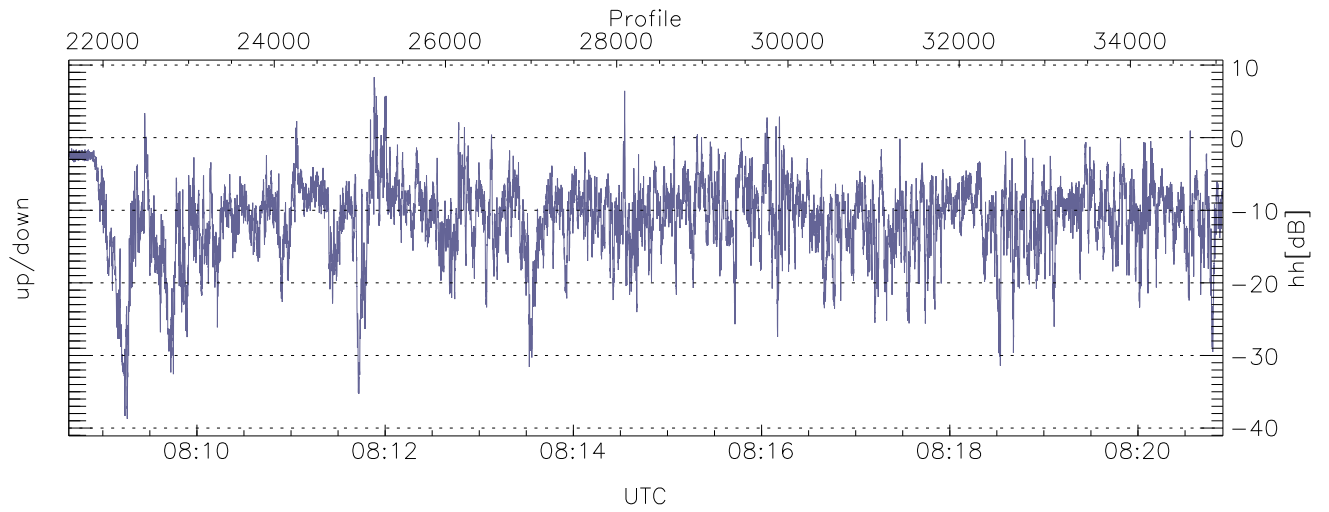


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



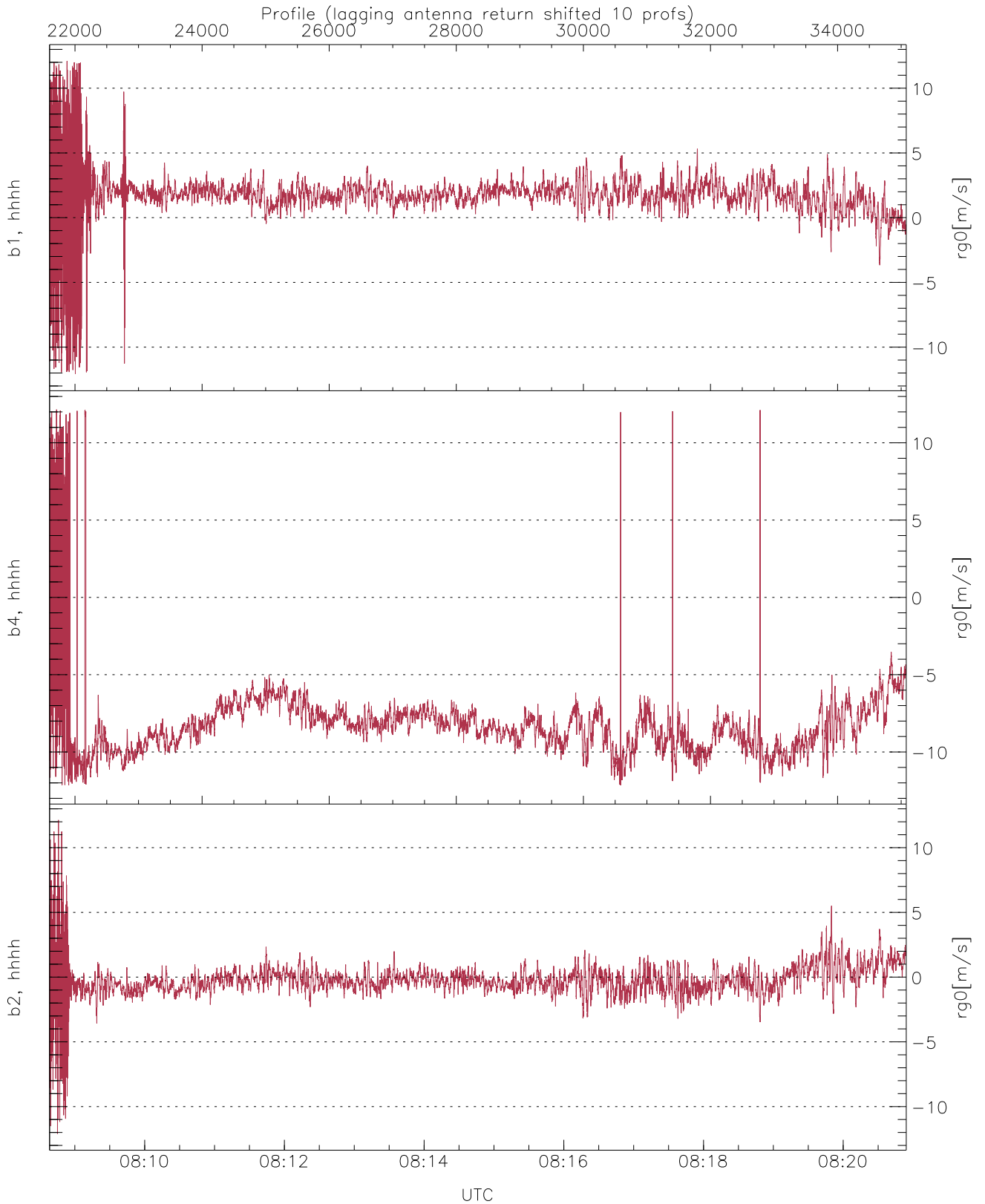
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-66.25	-20.66	-35.28
down-aft(hh[dBm])	-66.09	-14.66	-28.71
down(hh[dBm])	-63.80	-11.22	-25.61



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

	Min	Max	Mean
up/down(hh[dB])	-38.73	8.33	-10.23
down/down-aft(hh[dB])	-13.27	20.65	3.98



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1, hhhh(rg0[m/s])	-12.05	12.10	1.74	1.58
b4, hhhh(rg0[m/s])	-12.15	12.15	-8.21	2.28
b2, hhhh(rg0[m/s])	-12.10	12.13	-0.23	1.07