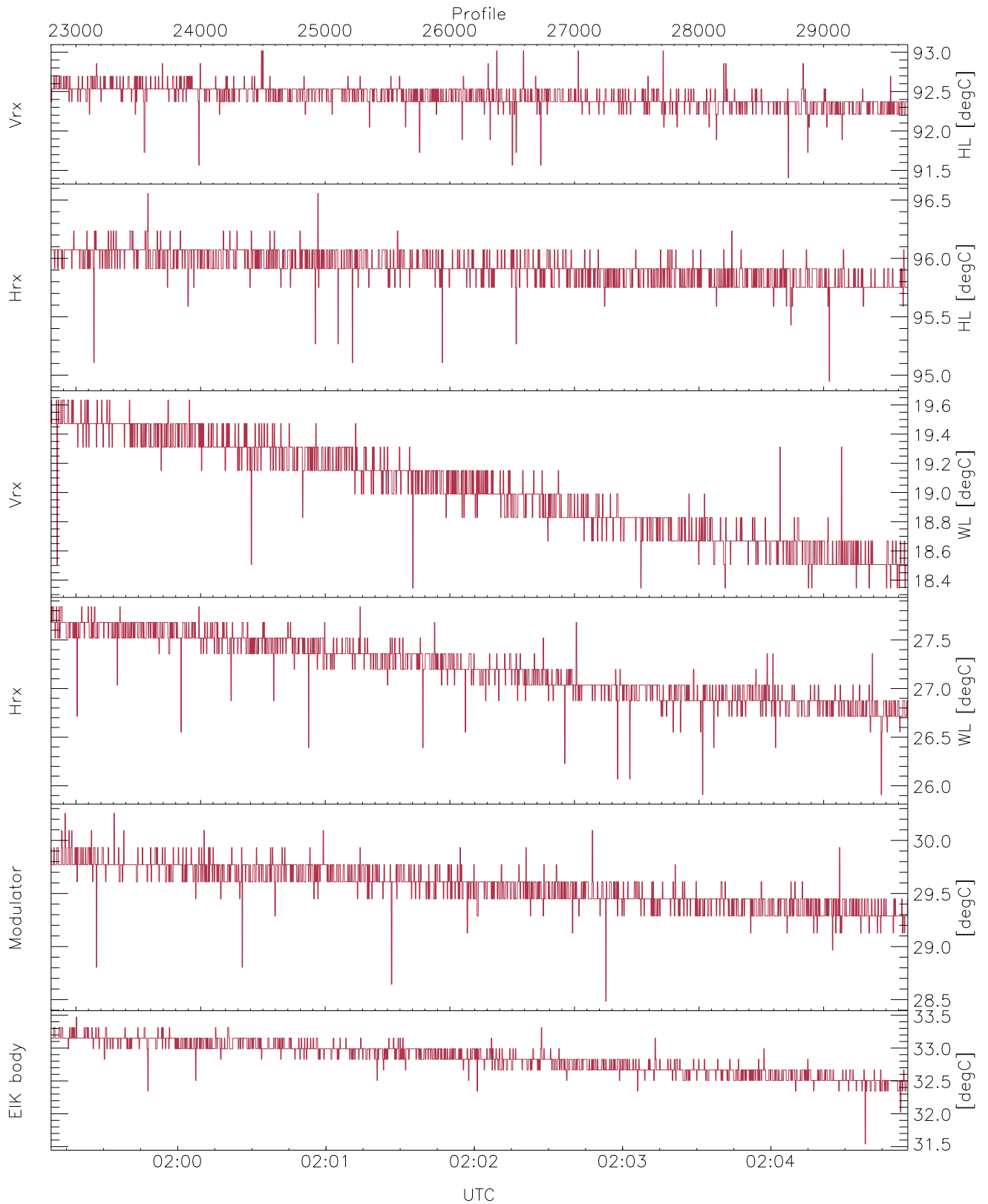


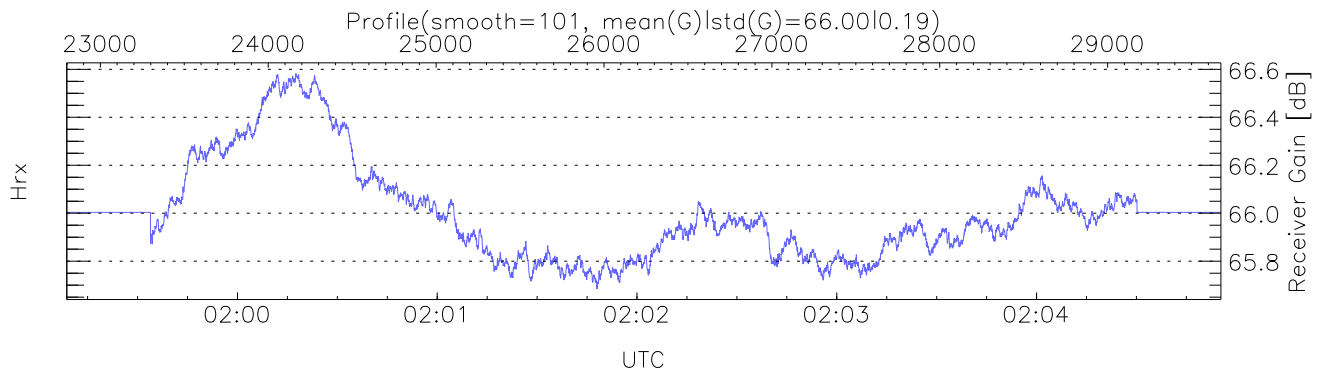
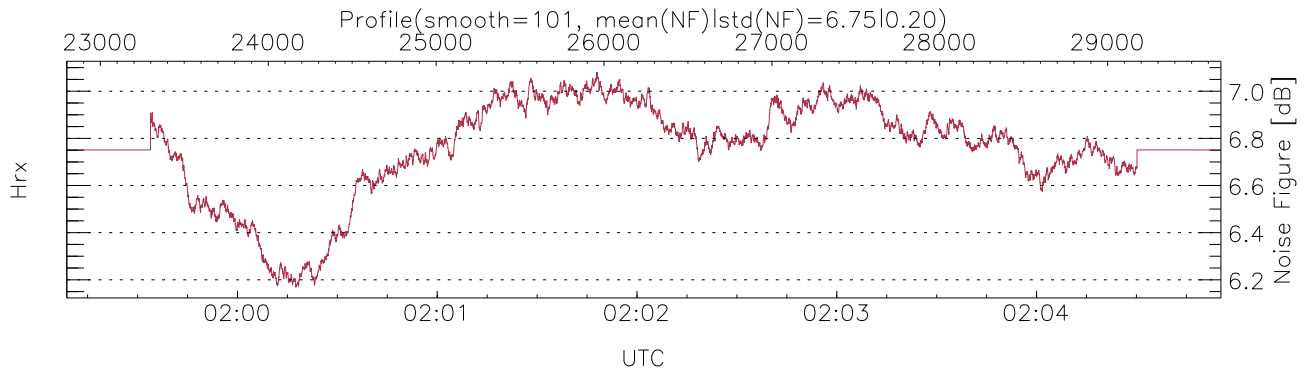
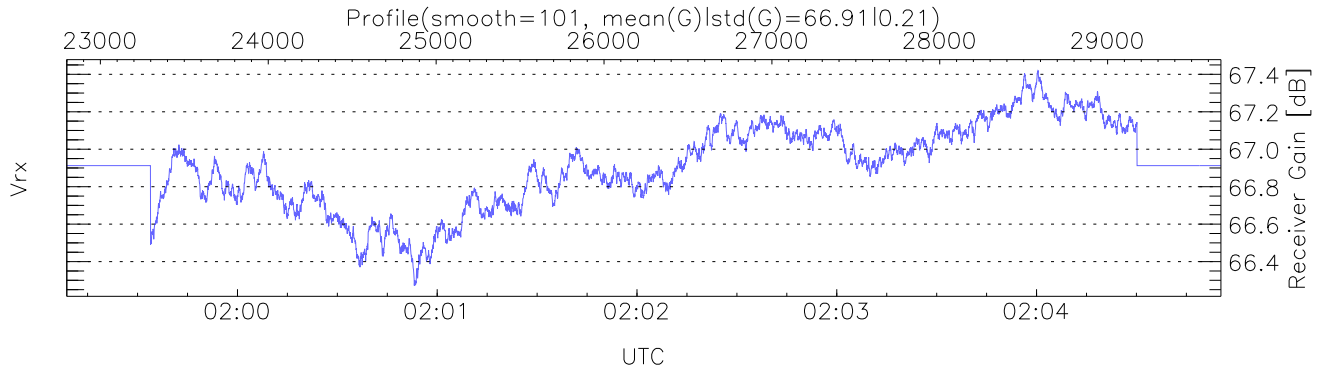
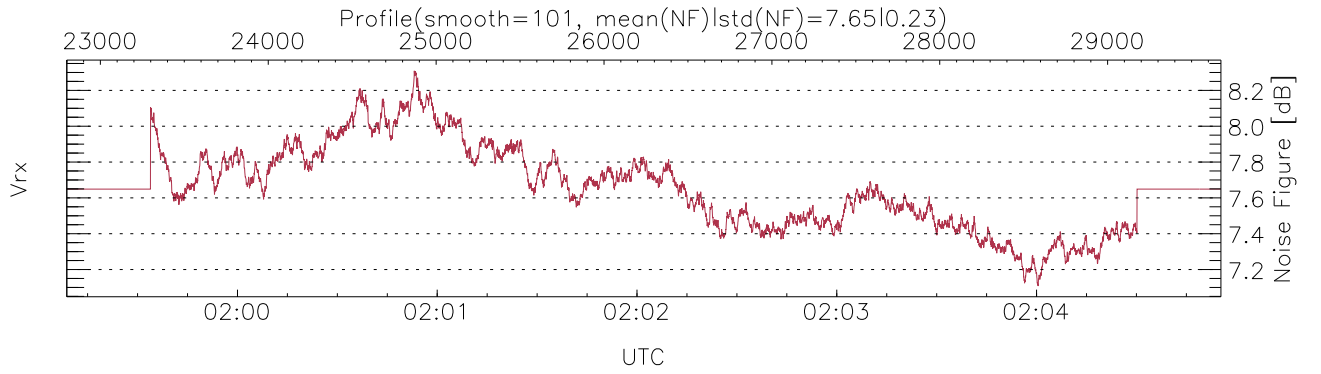
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

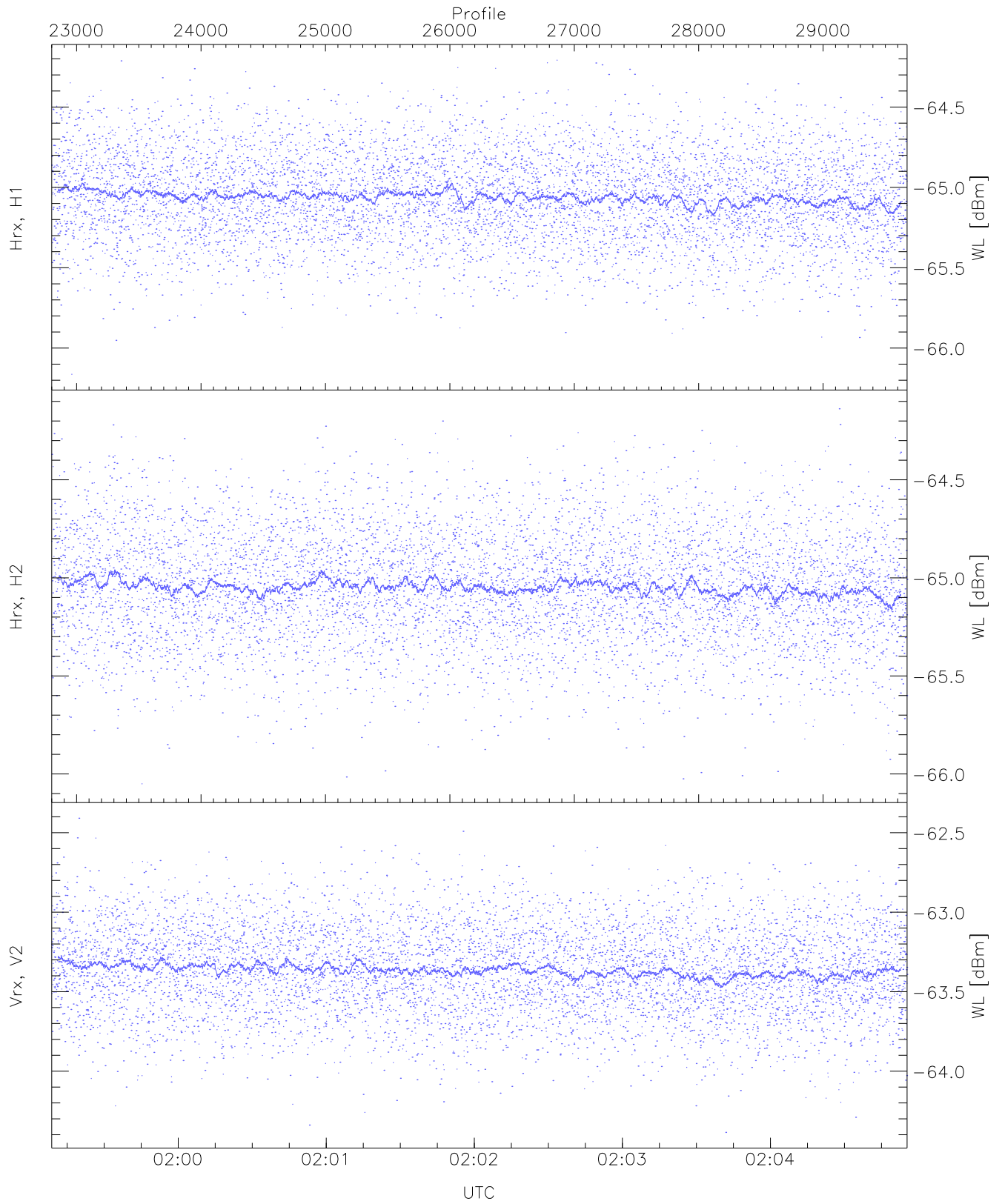
UTC: 01:39:59-02:04:55, Dur: 1496.24s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20  
 NumRec(r/t): 6876/29676, 22800-29675/01:59:09-02:04:55  
 AcqTime: 50.4ms, Rate: 384KB/s, Averages: 140  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 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

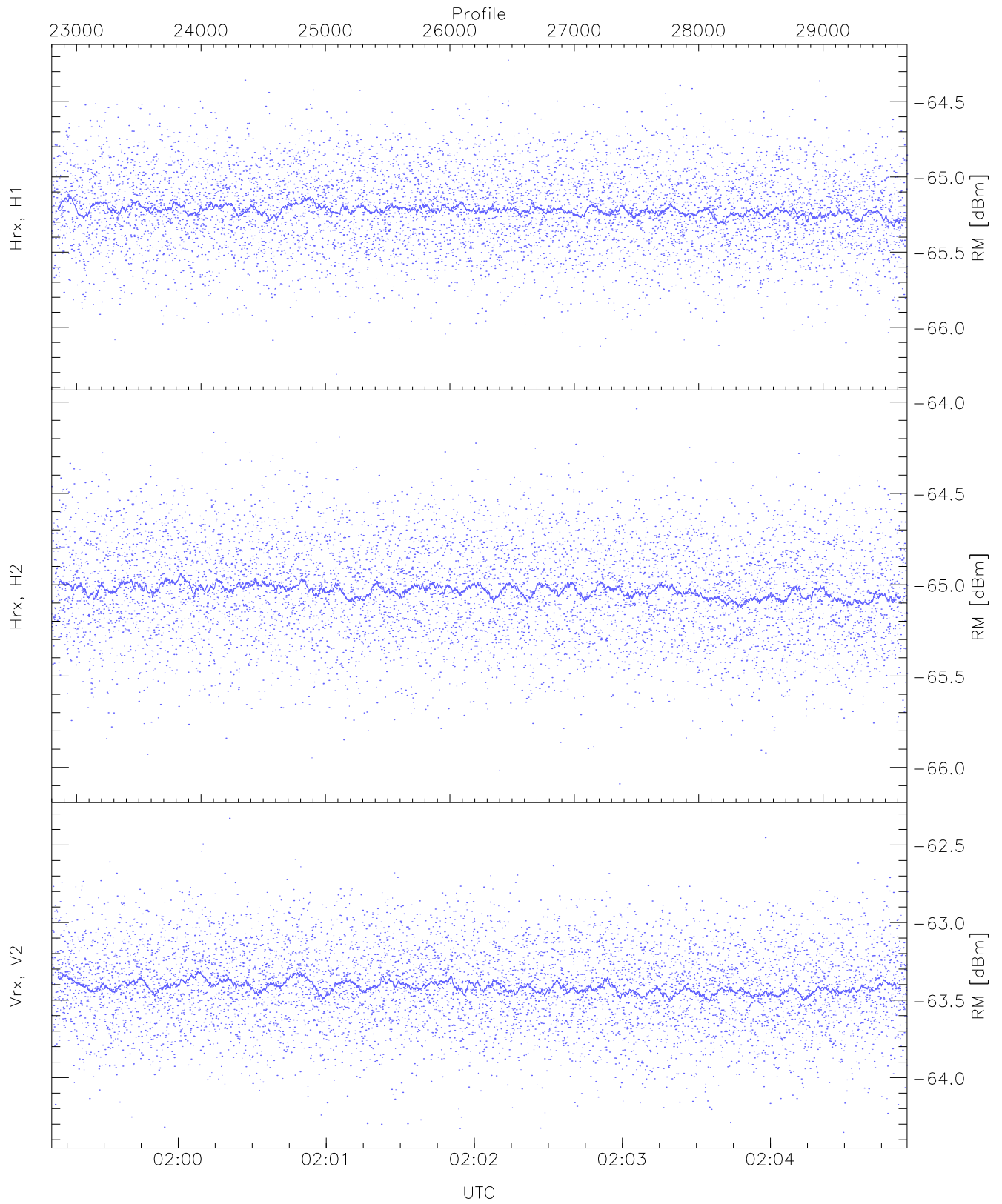
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,94,18,25,28,31  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,96,19,27,30,33  
LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,5,0  
EIK/Modulator Faults: None





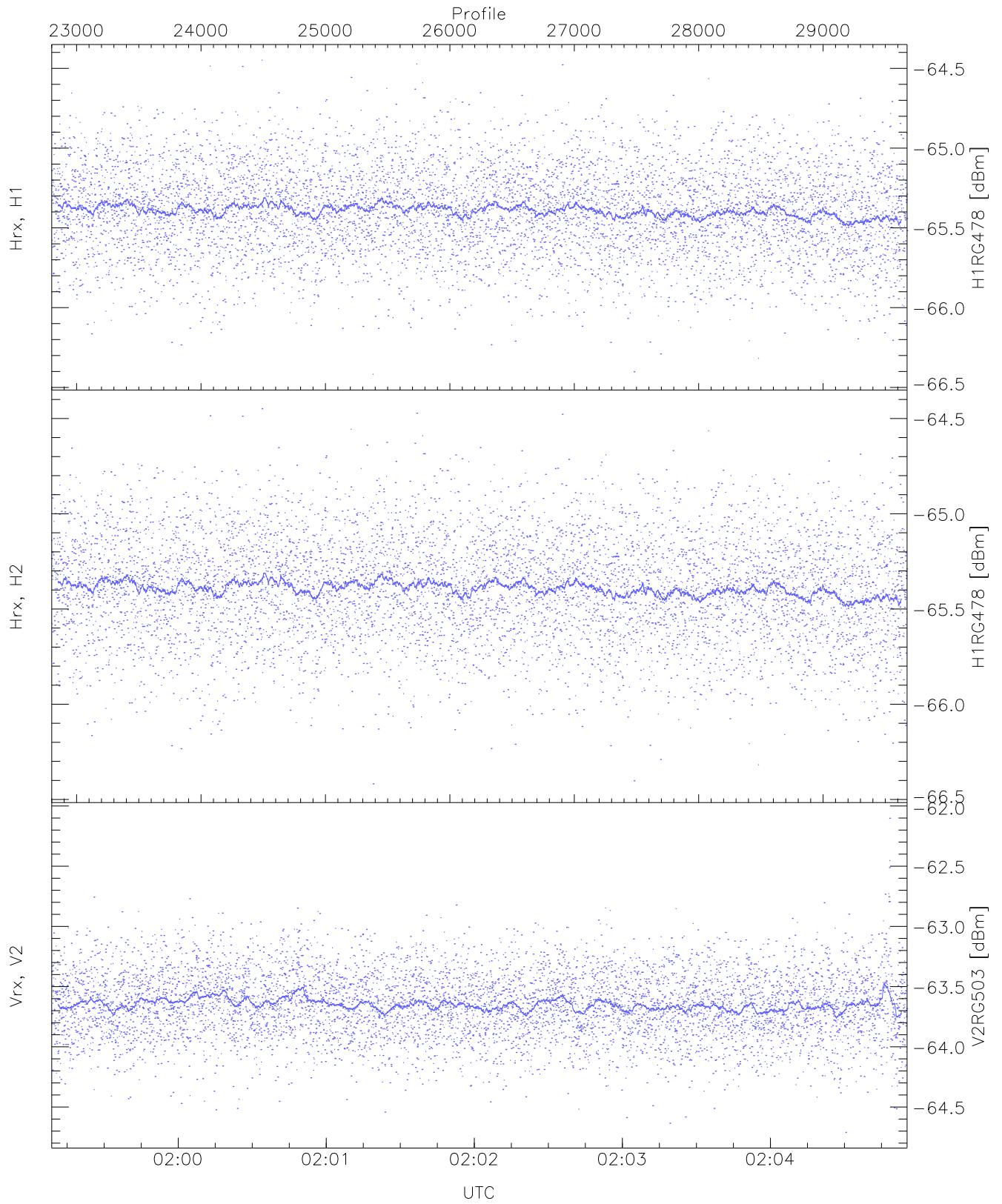
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.16	-64.21	-65.06	-65.06	-77.15
Hrx, H2 (WL [dBm])	-66.05	-64.14	-65.04	-65.05	-77.14
Vrx, V2 (WL [dBm])	-64.39	-62.41	-63.36	-63.37	-75.51



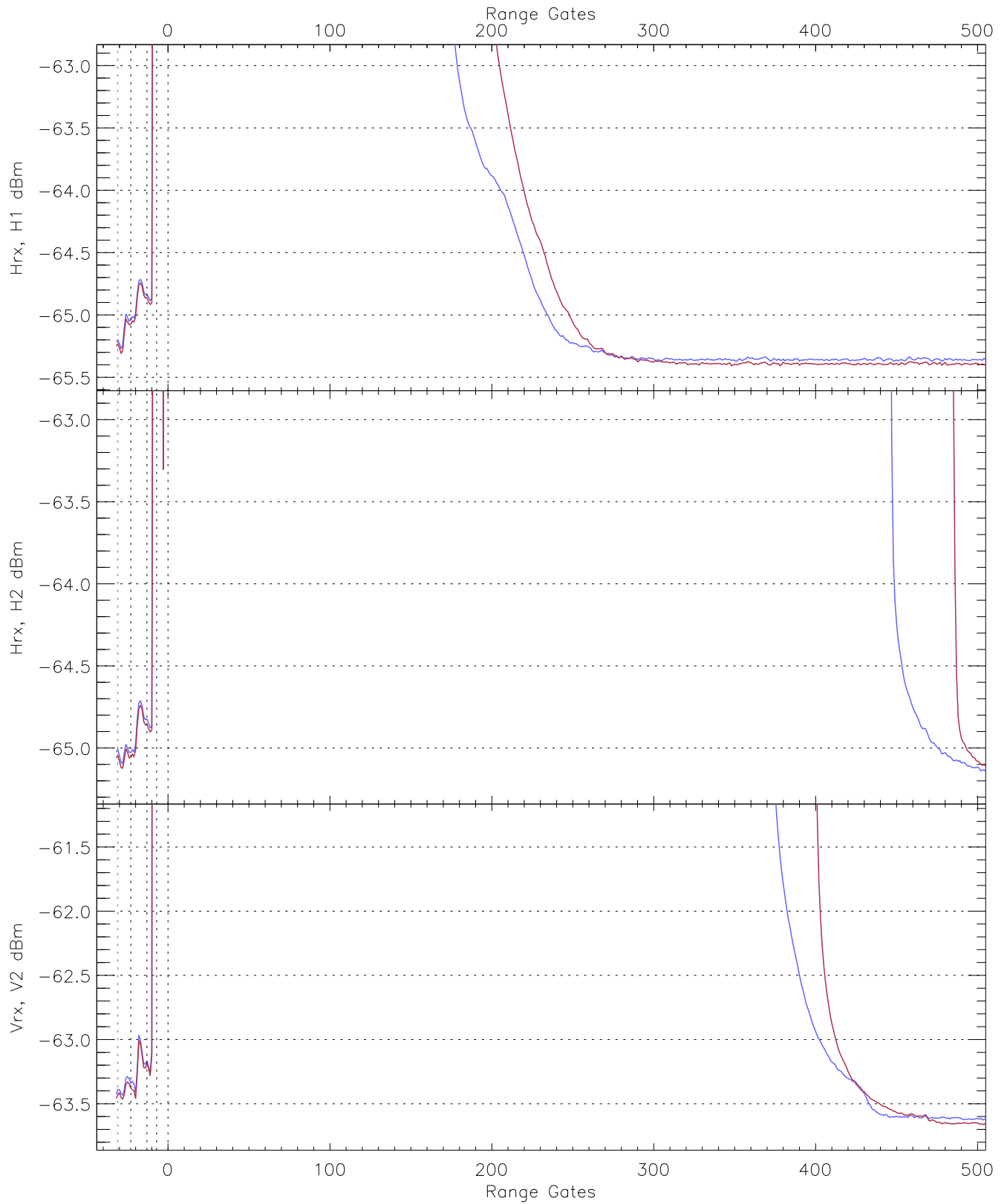
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.31	-64.22	-65.22	-65.22	-77.34
Hrx, H2 (RM [dBm])	-66.09	-64.04	-65.03	-65.03	-77.15
Vrx, V2 (RM [dBm])	-64.35	-62.33	-63.41	-63.42	-75.55



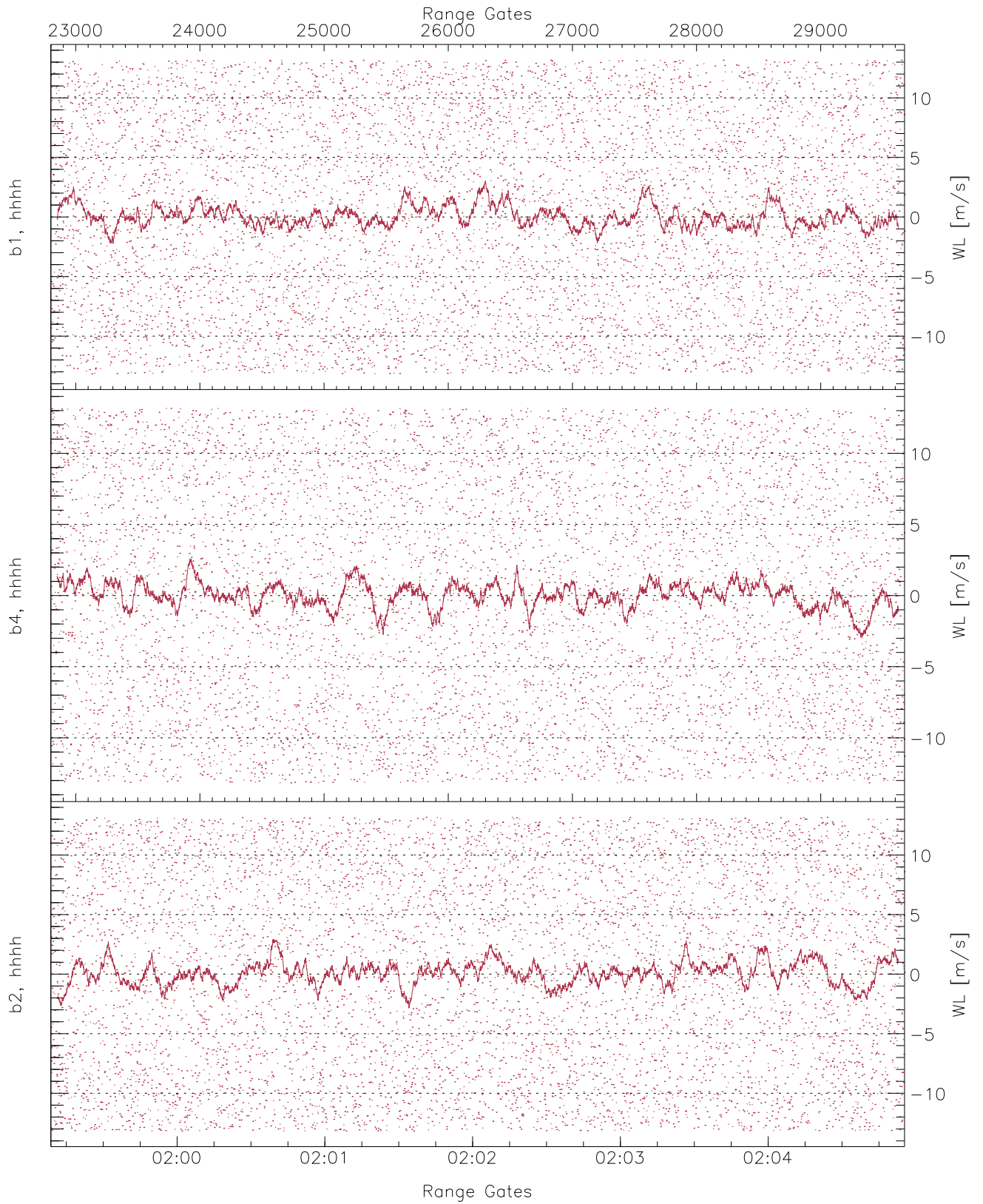
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG478 [dBm]	-66.42	-64.45	-65.39	-65.39	-77.53
H1RG478 [dBm]	-66.42	-64.45	-65.39	-65.39	-77.53
V2RG503 [dBm]	-64.71	-62.10	-63.64	-63.65	-75.69



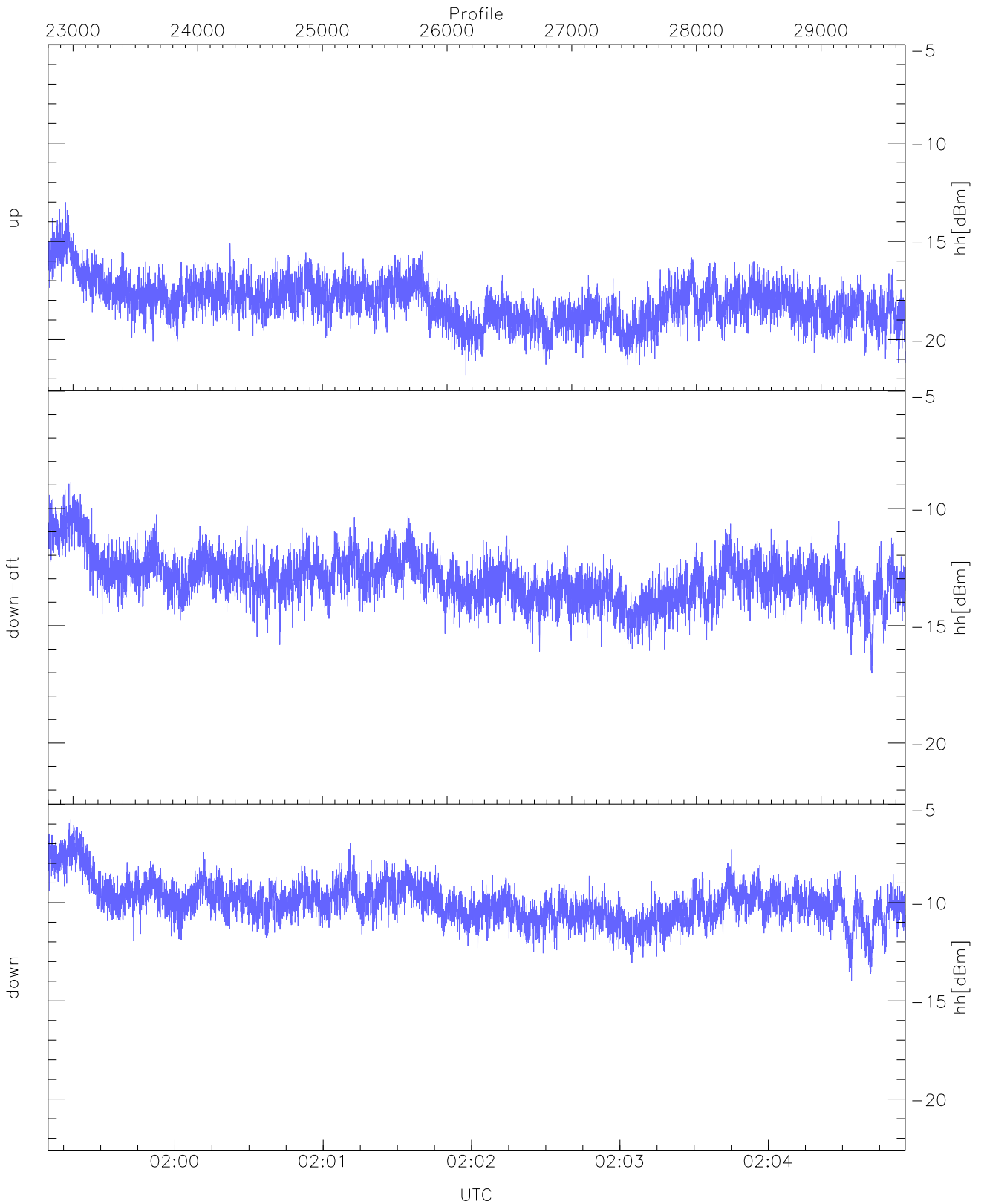
WCR2 CPP Averaged Received power for all recorded gates  
blue: 015909-20202, 3439 profiles averaged  
red: 20202-020455, 3438 profiles averaged





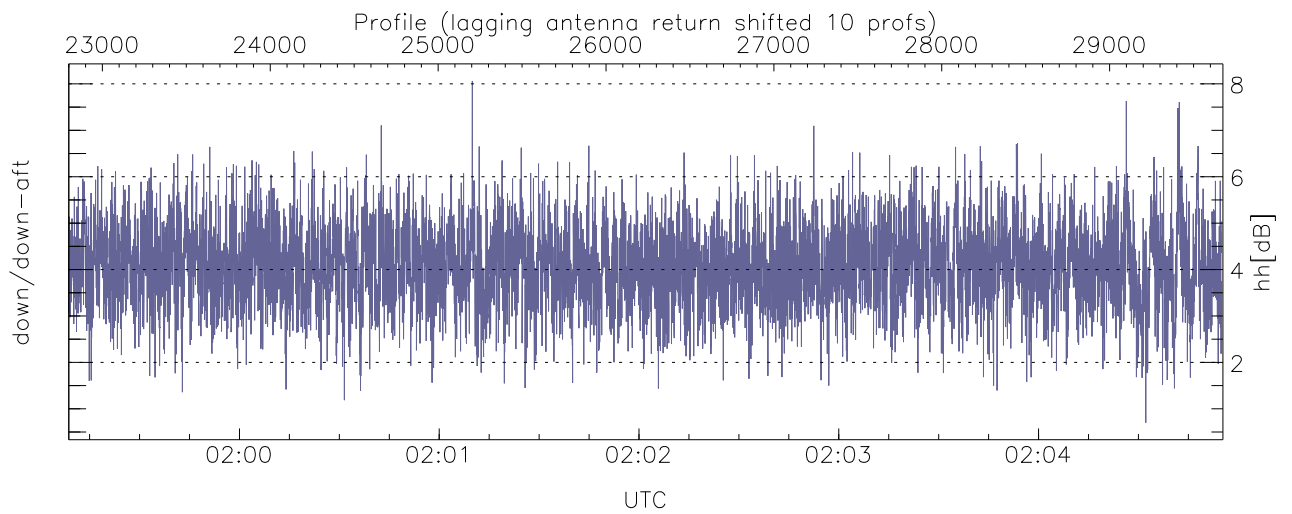
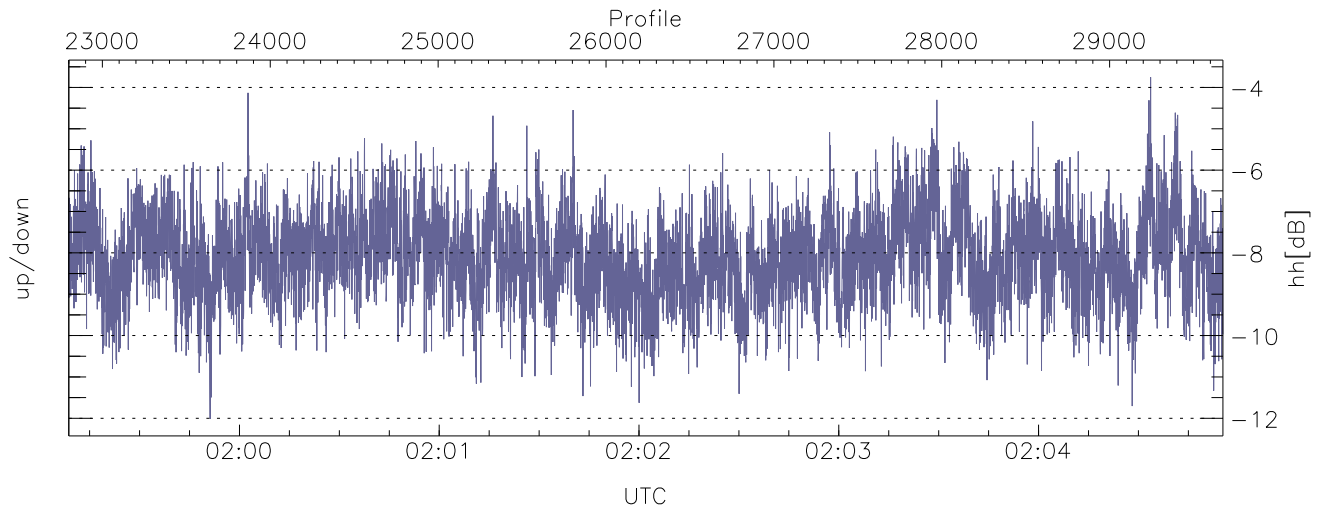
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements





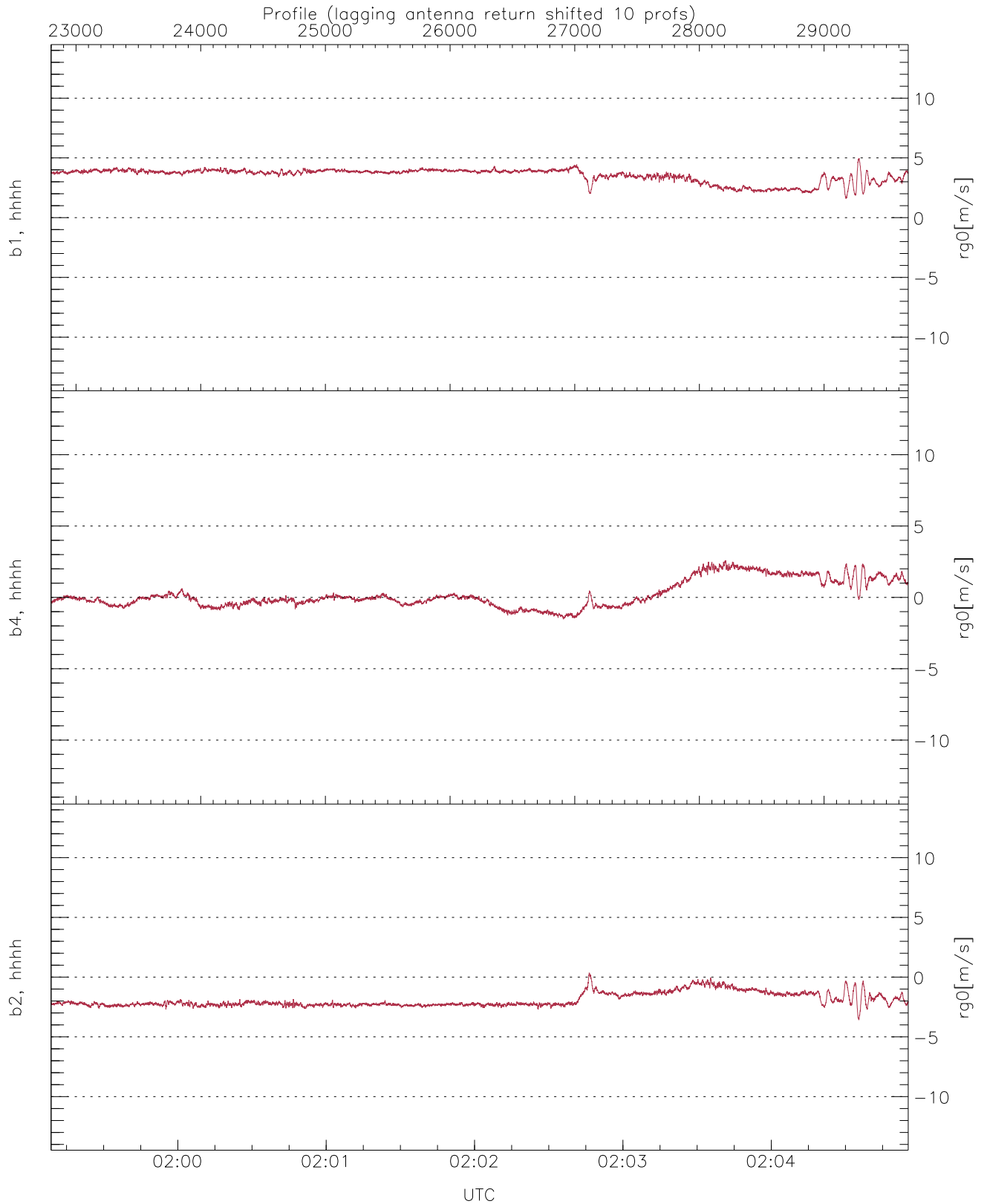
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-21.80	-13.00	-17.96
down-aft(hh[dBm])	-17.03	-8.88	-12.88
down(hh[dBm])	-14.01	-5.78	-9.88



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

	Min	Max	Mean
up/down(hh[dB])	-12.01	-3.75	-7.06
down/down-aft(hh[dB])	0.70	8.06	4.08



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1, hhhh(rg0[m/s])	1.59	4.96	3.53	0.57
b4, hhhh(rg0[m/s])	-1.53	2.60	0.20	0.95
b2, hhhh(rg0[m/s])	-3.57	0.36	-1.91	0.58