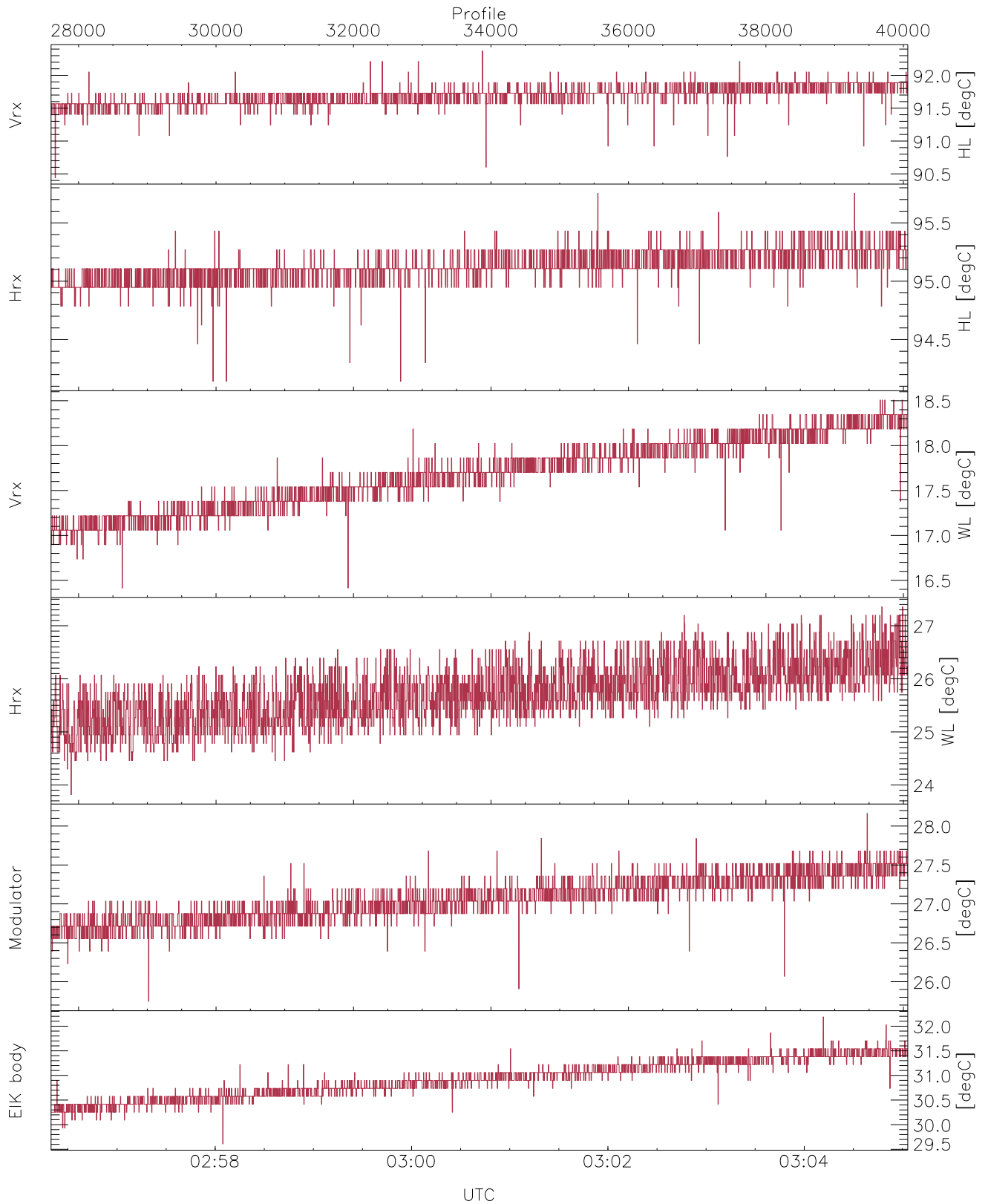




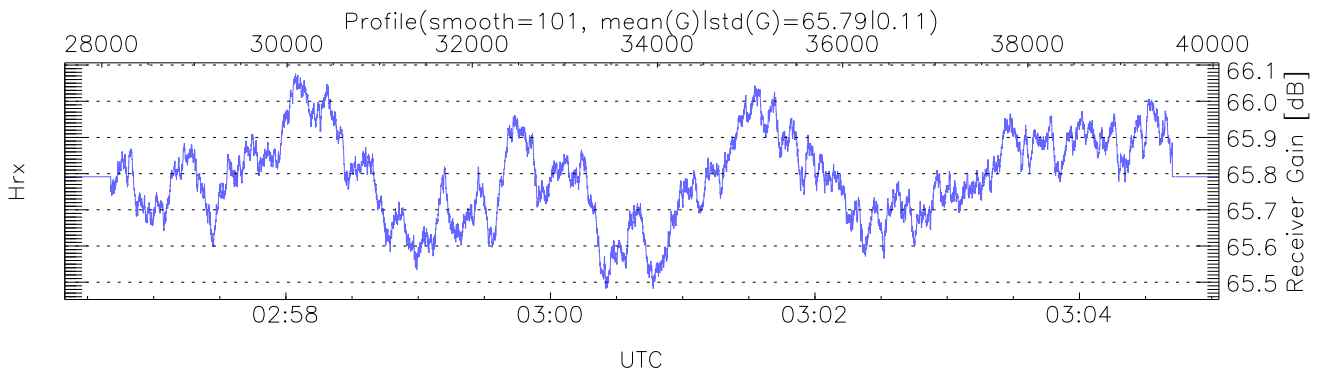
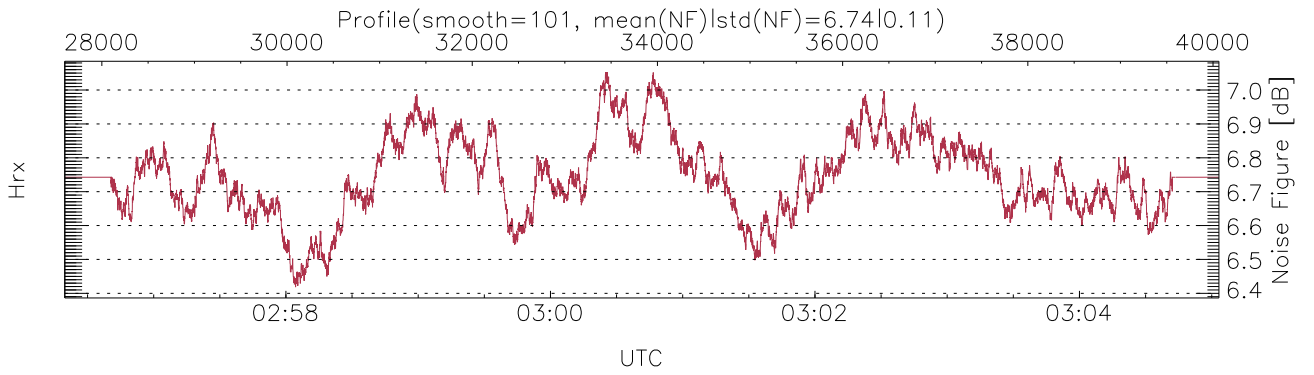
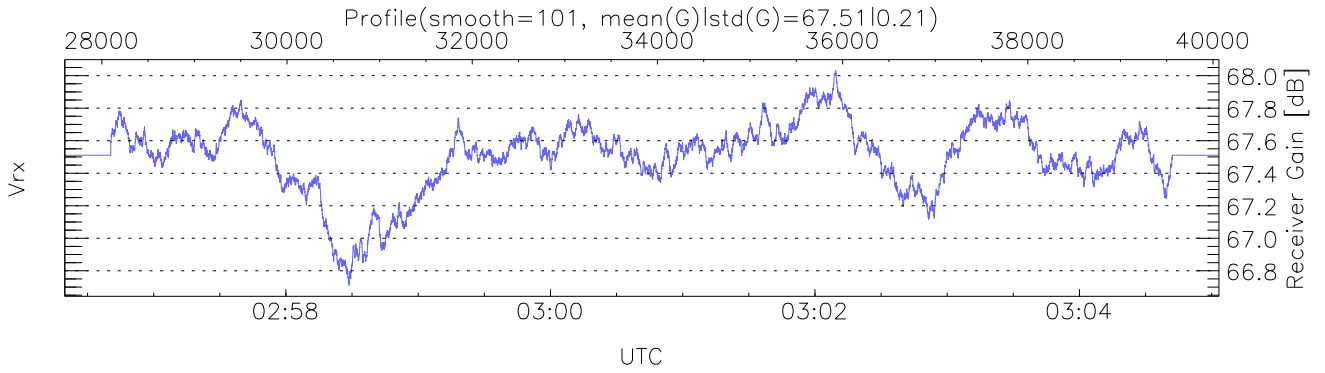
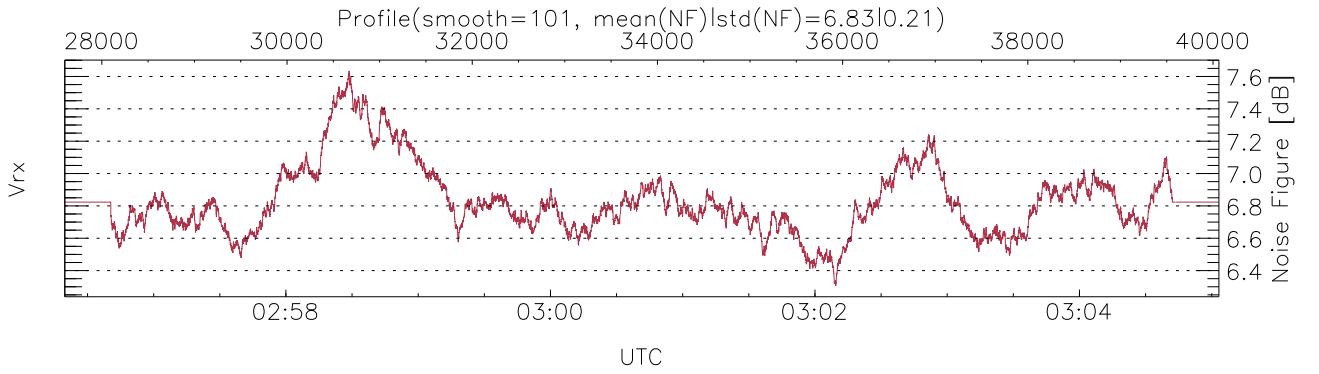
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

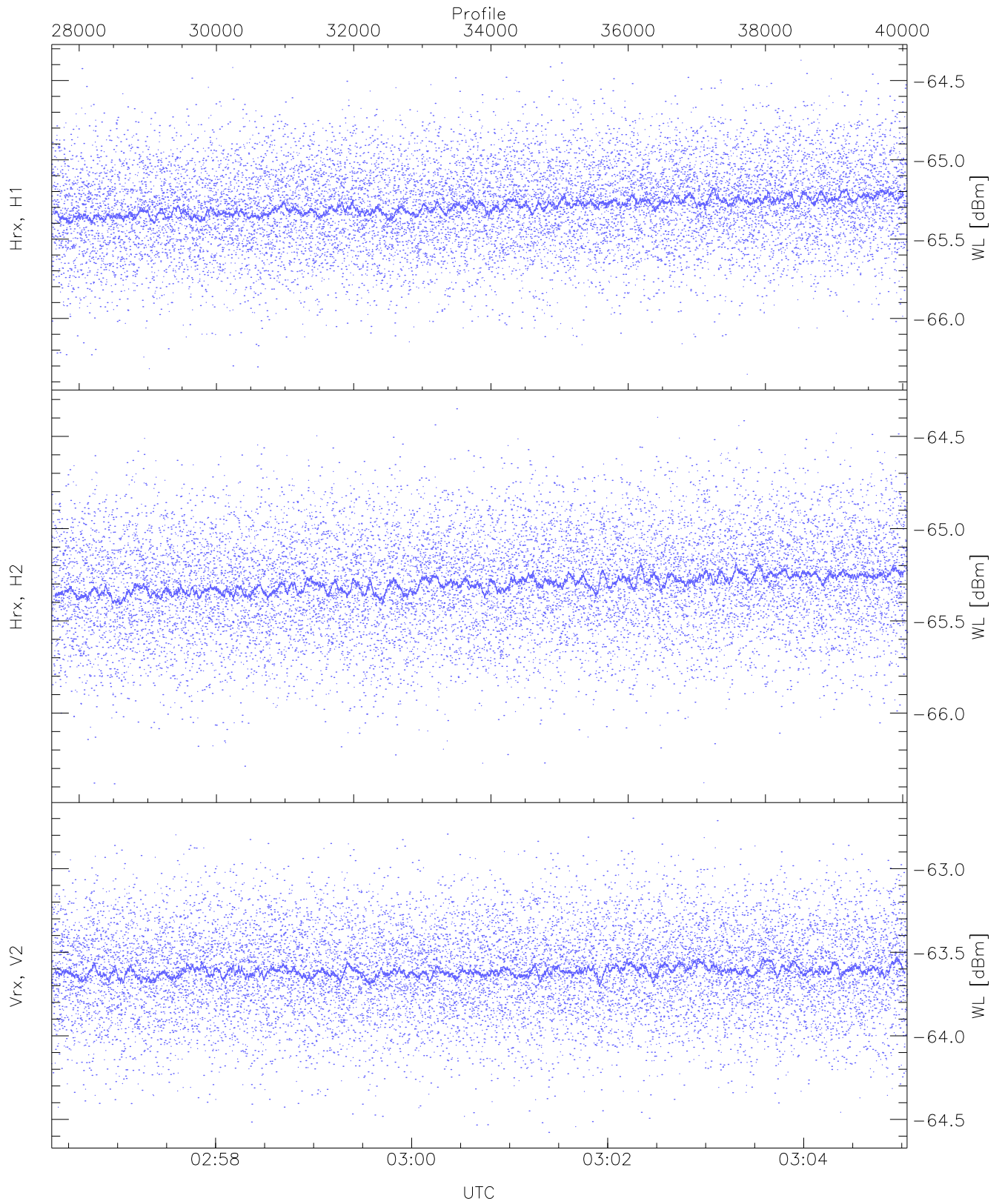
UTC: 02:37:00-03:05:03, Dur: 1683.11s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24  
 NumRec(r/t): 12465/40065, 27600-40064/02:56:20-03:05:03  
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 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

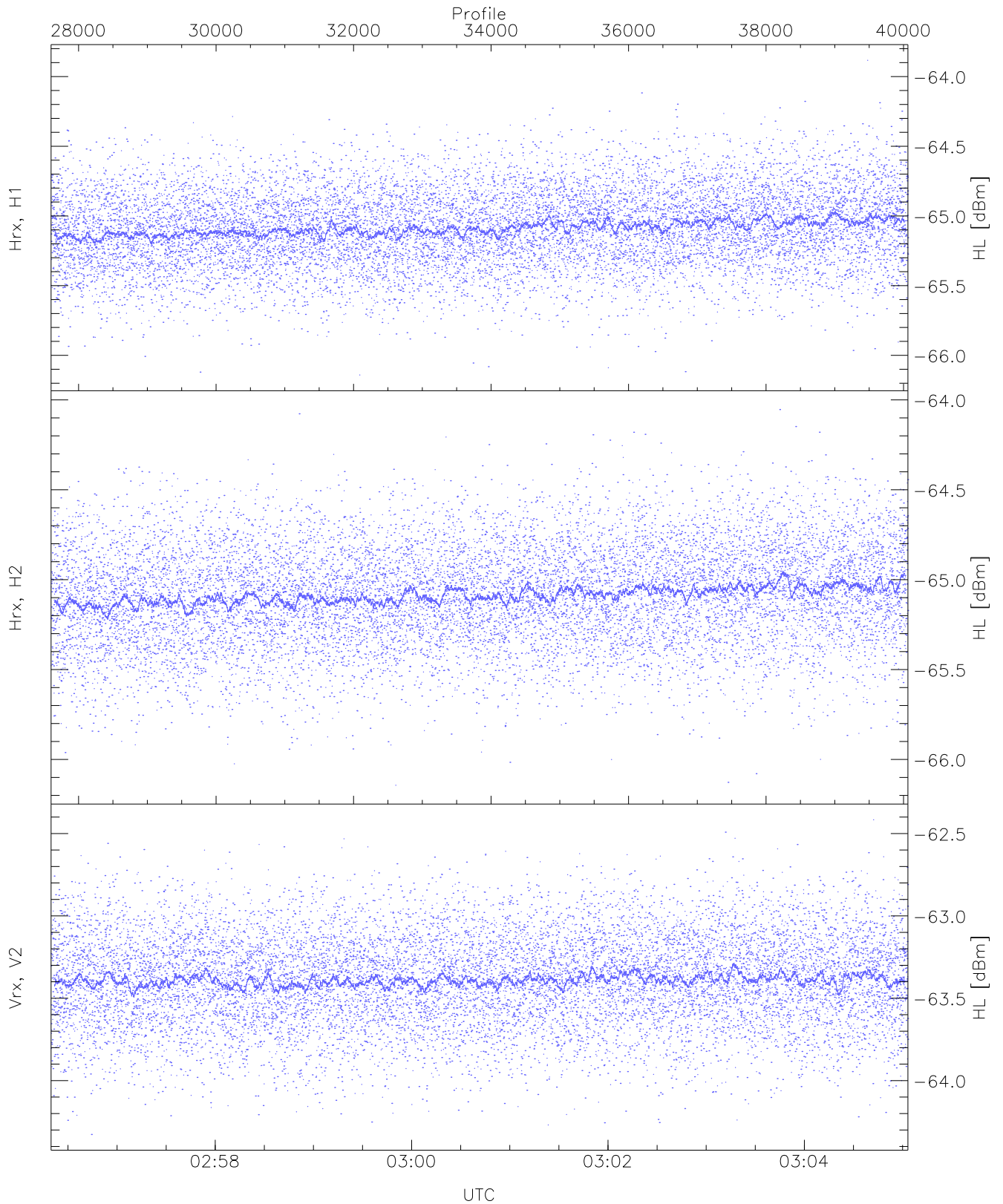
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,94,16,23,25,29  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,95,18,27,28,32  
 LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,18,0  
 EIK/Modulator Faults: None





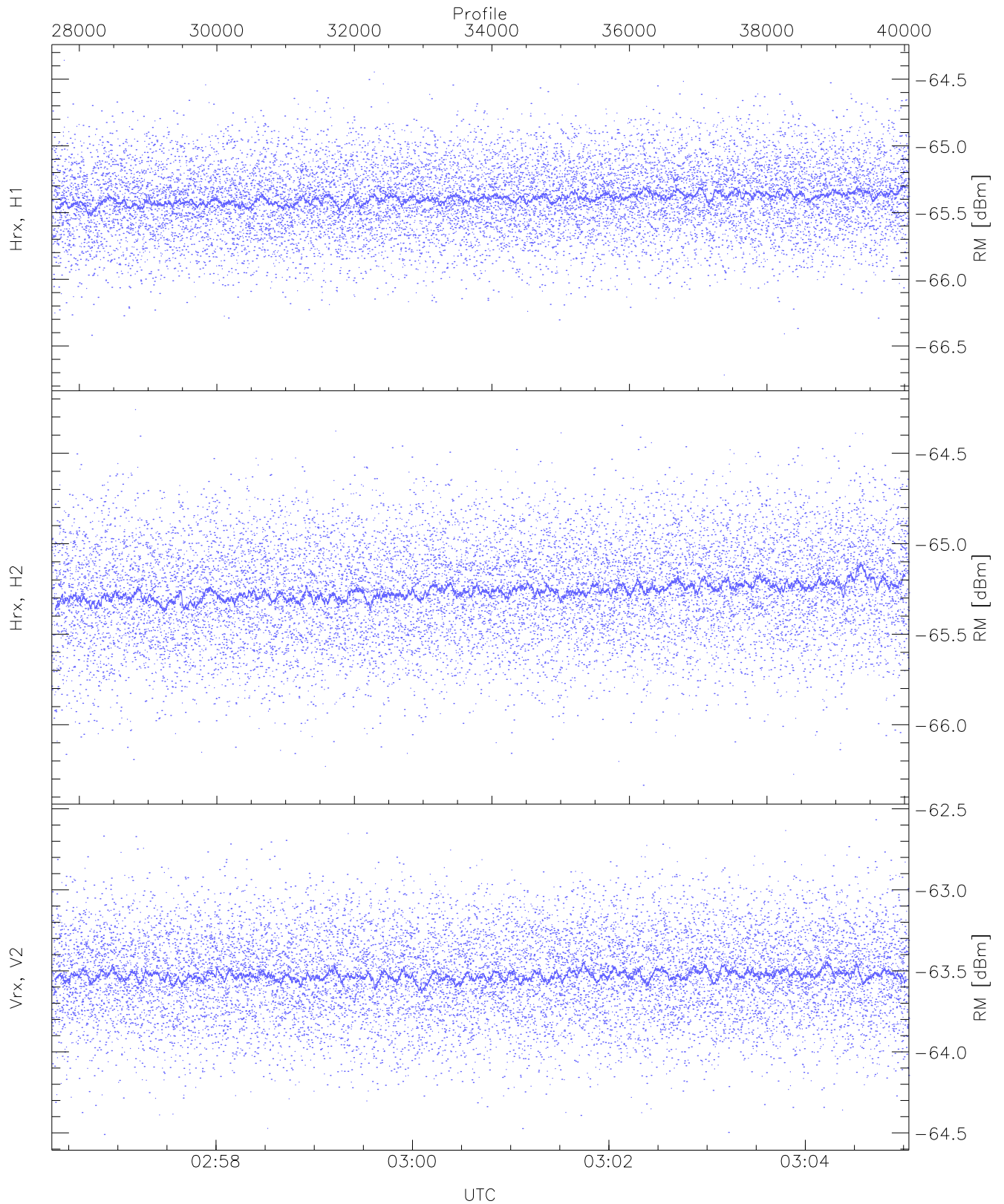
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.35	-64.37	-65.29	-65.29	-77.40
Hrx, H2 (WL [dBm])	-66.38	-64.35	-65.29	-65.30	-77.38
Vrx, V2 (WL [dBm])	-64.58	-62.70	-63.61	-63.61	-75.79



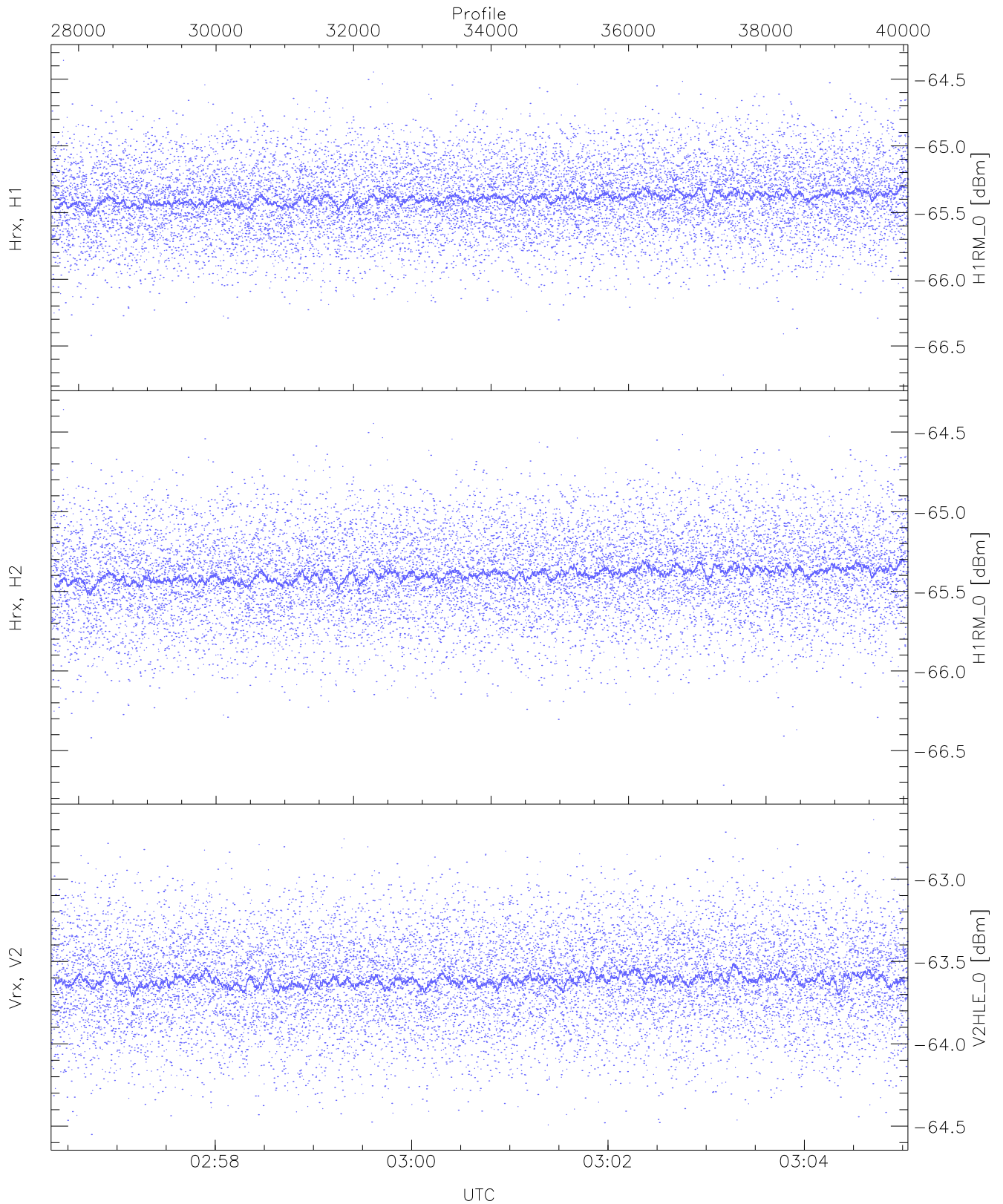
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.14	-63.88	-65.08	-65.09	-77.21
Hrx, H2 (HL [dBm])	-66.14	-64.05	-65.08	-65.09	-77.20
Vrx, V2 (HL [dBm])	-64.33	-62.42	-63.38	-63.39	-75.51



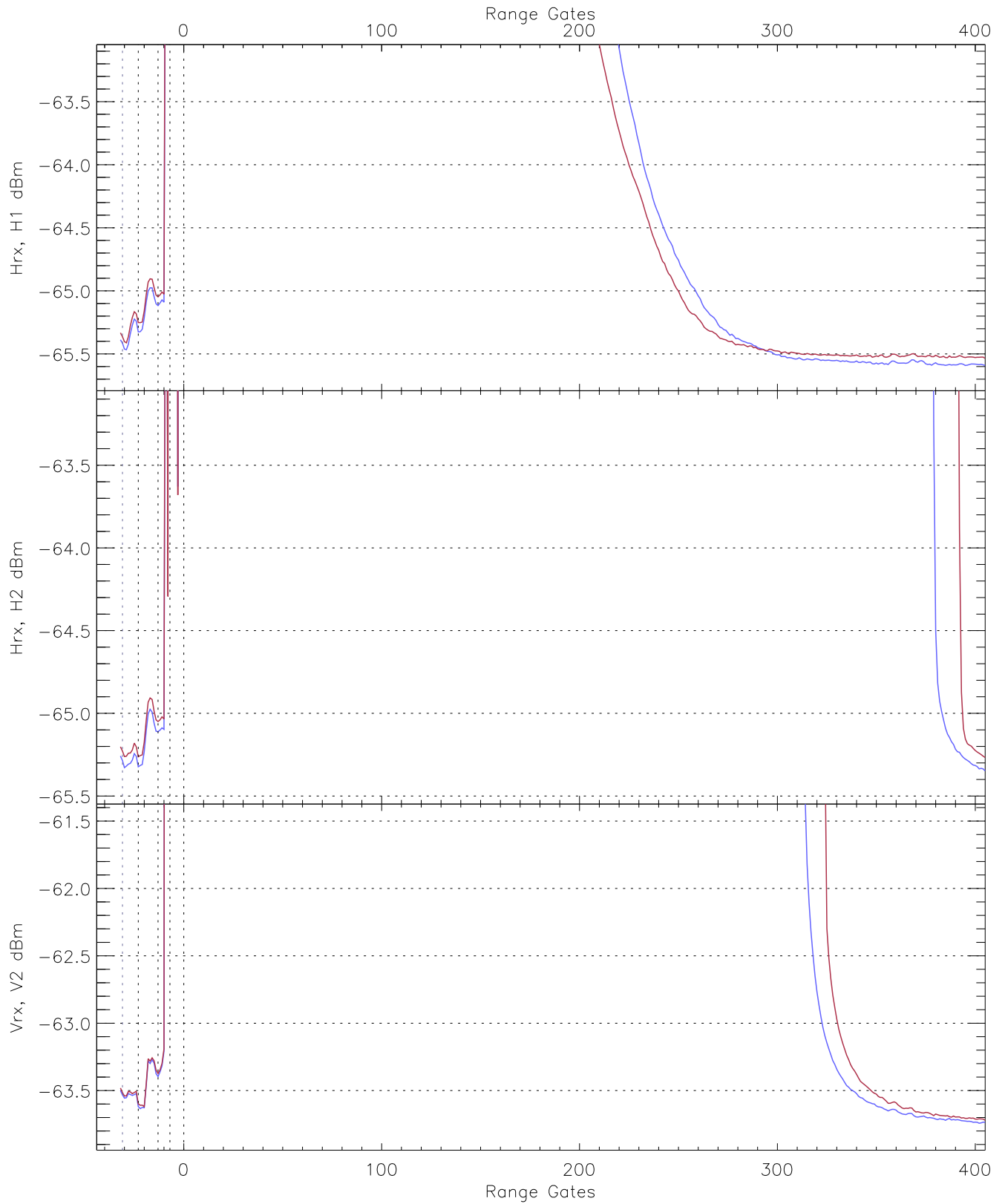
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.72	-64.36	-65.39	-65.39	-77.51
Hrx, H2 (RM [dBm])	-66.33	-64.26	-65.26	-65.26	-77.35
Vrx, V2 (RM [dBm])	-64.51	-62.57	-63.52	-63.53	-75.71



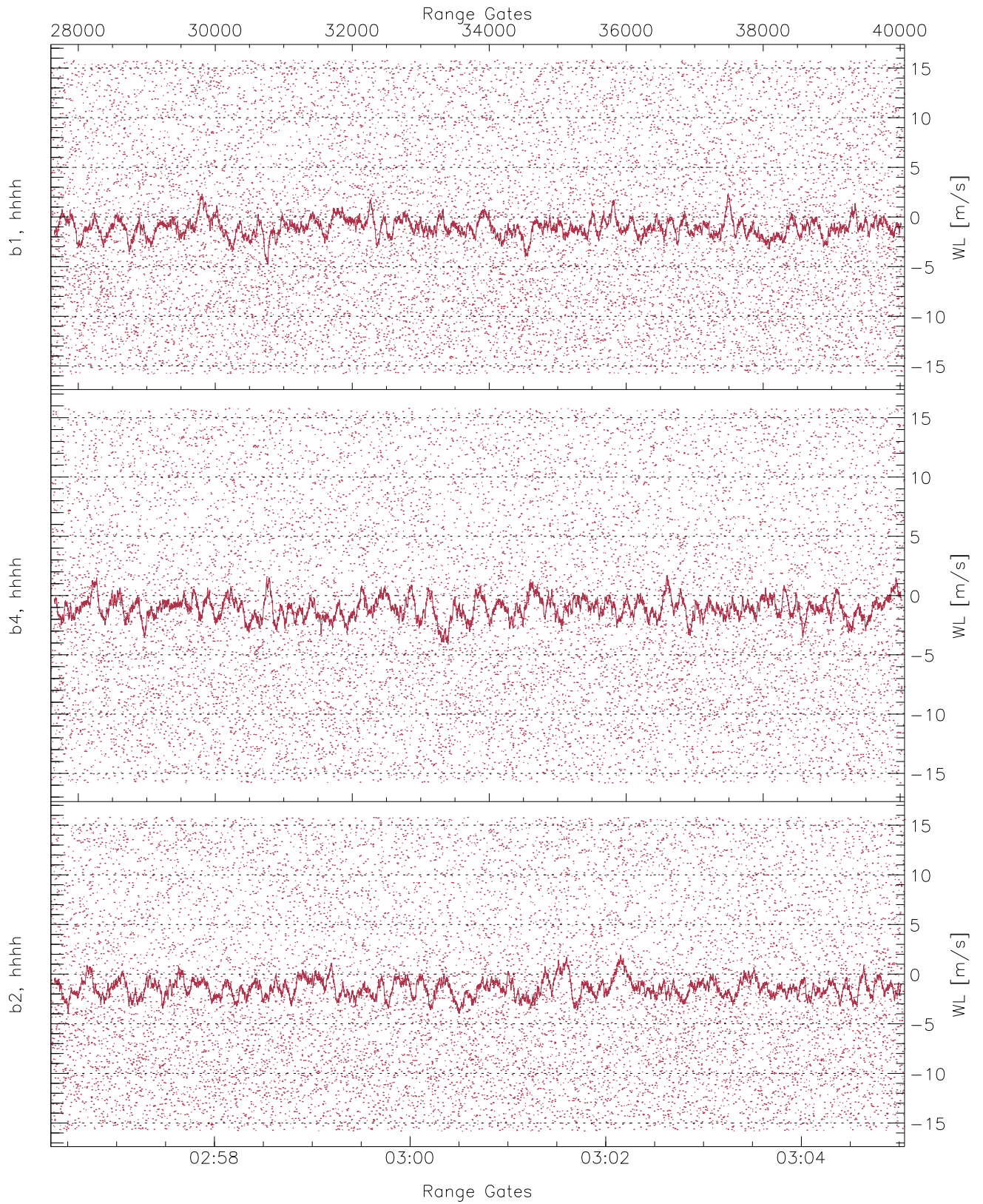
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.72	-64.36	-65.39	-65.39	-77.51
H1RM_0 [dBm]	-66.72	-64.36	-65.39	-65.39	-77.51
V2HLE_0 [dBm]	-64.55	-62.64	-63.61	-63.61	-75.73

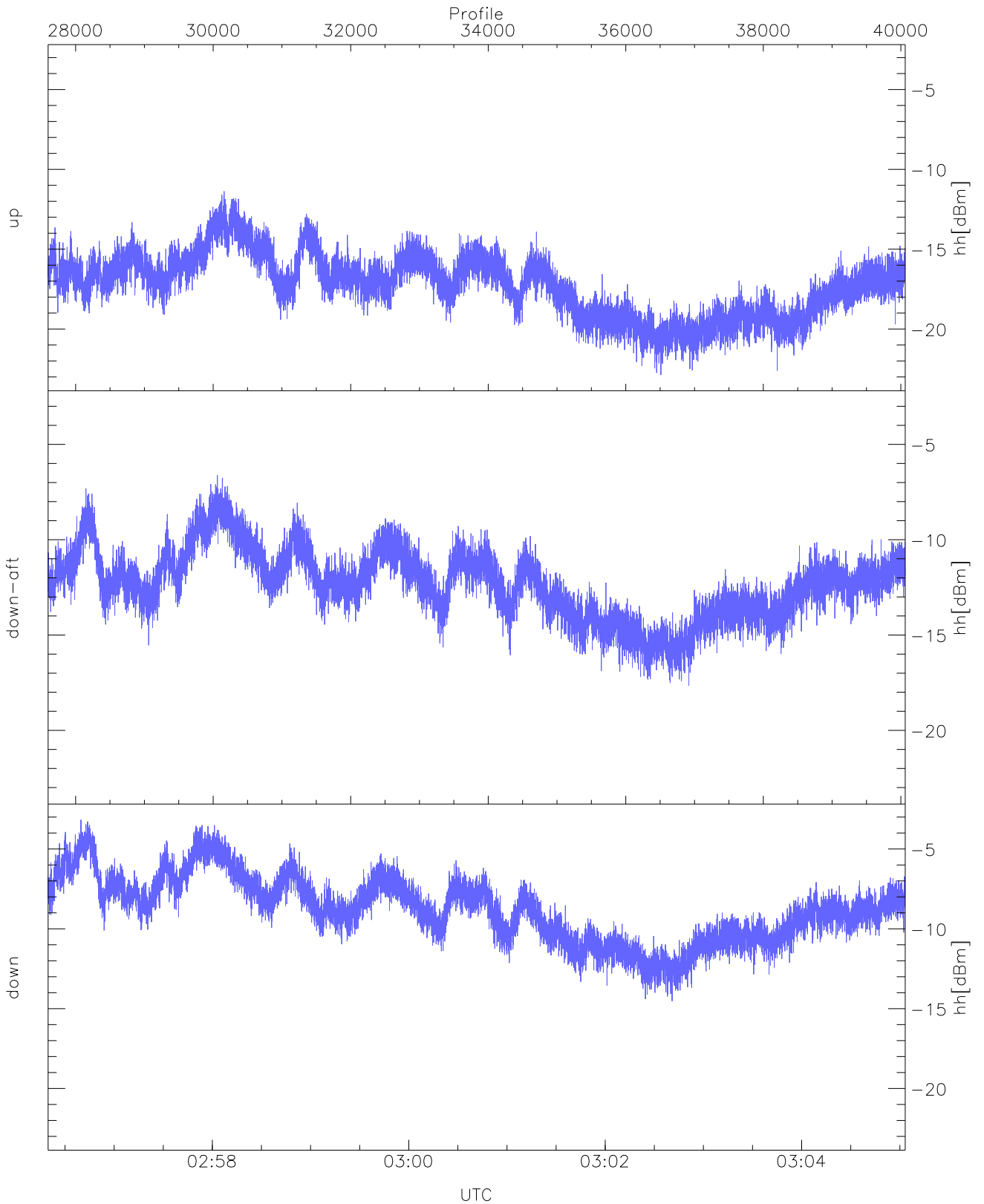


WCR2 CPP Averaged Received power for all recorded gates  
blue: 025620-30041, 6233 profiles averaged  
red: 30041-030503, 6233 profiles averaged



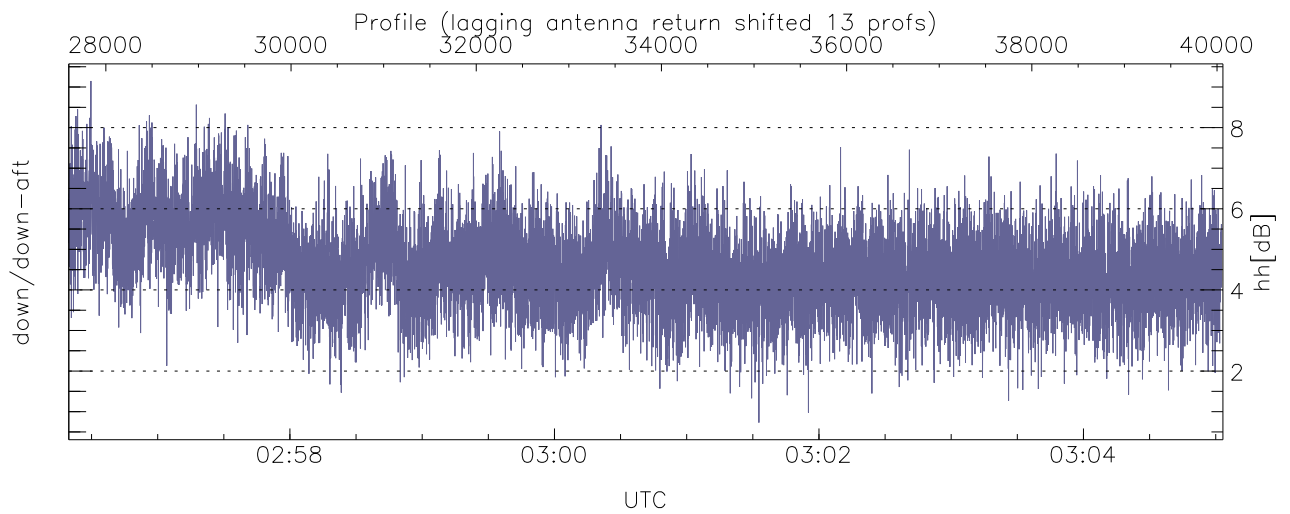
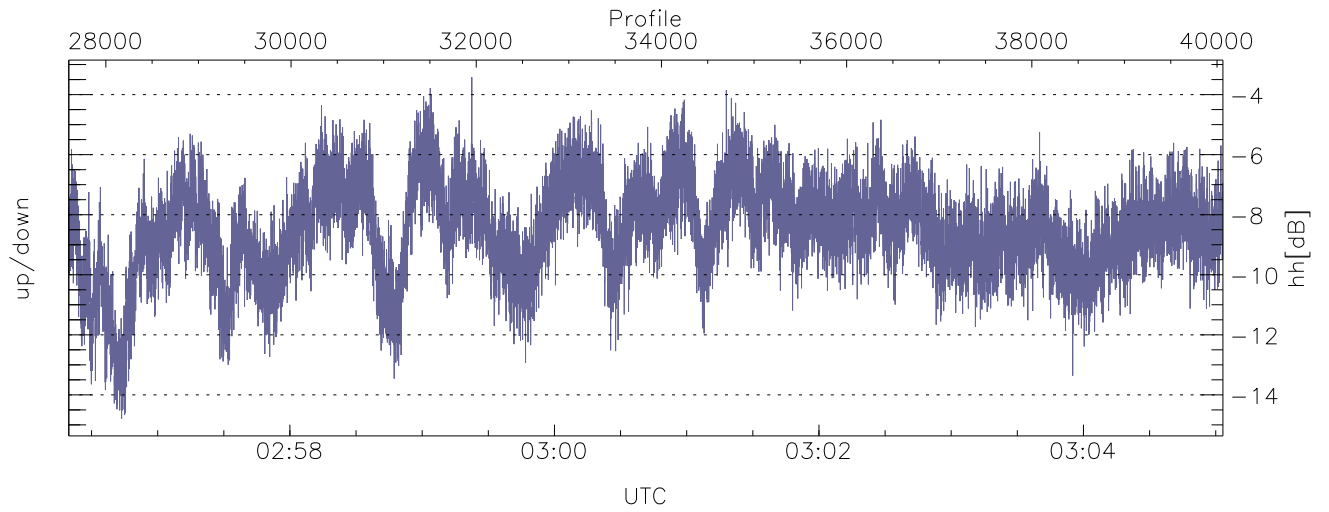


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



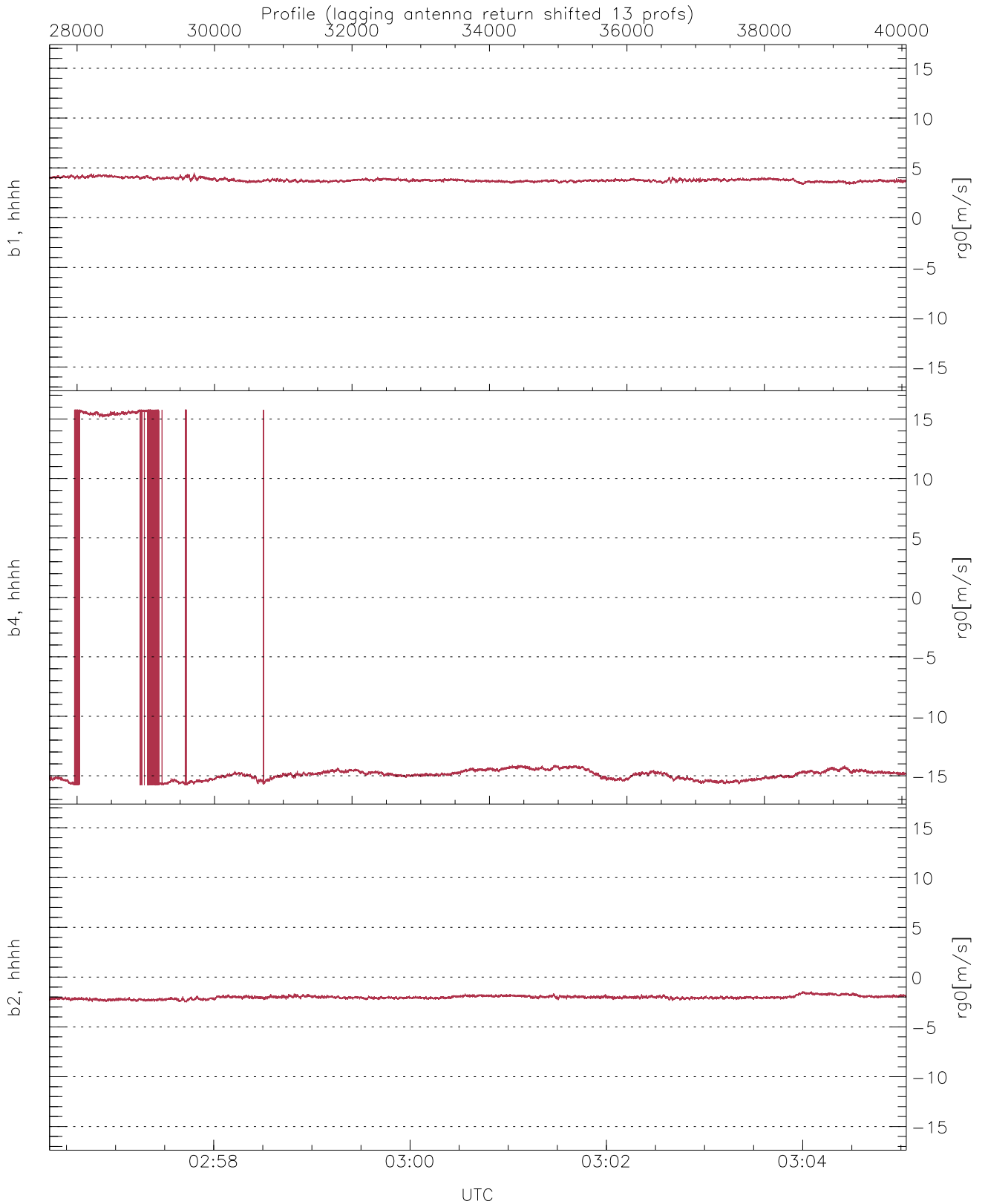
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-22.88	-11.37	-16.84
down-aft(hh[dBm])	-17.66	-6.61	-11.95
down(hh[dBm])	-14.53	-3.17	-8.29



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

	Min	Max	Mean
up/down(hh[dB])	-14.80	-3.42	-7.49
down/down-aft(hh[dB])	0.73	9.15	4.61



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1, hhhh(rg0[m/s])	3.31	4.51	3.78	0.17
b4, hhhh(rg0[m/s])	-15.80	15.80	-12.19	8.71
b2, hhhh(rg0[m/s])	-2.53	-1.44	-2.03	0.16