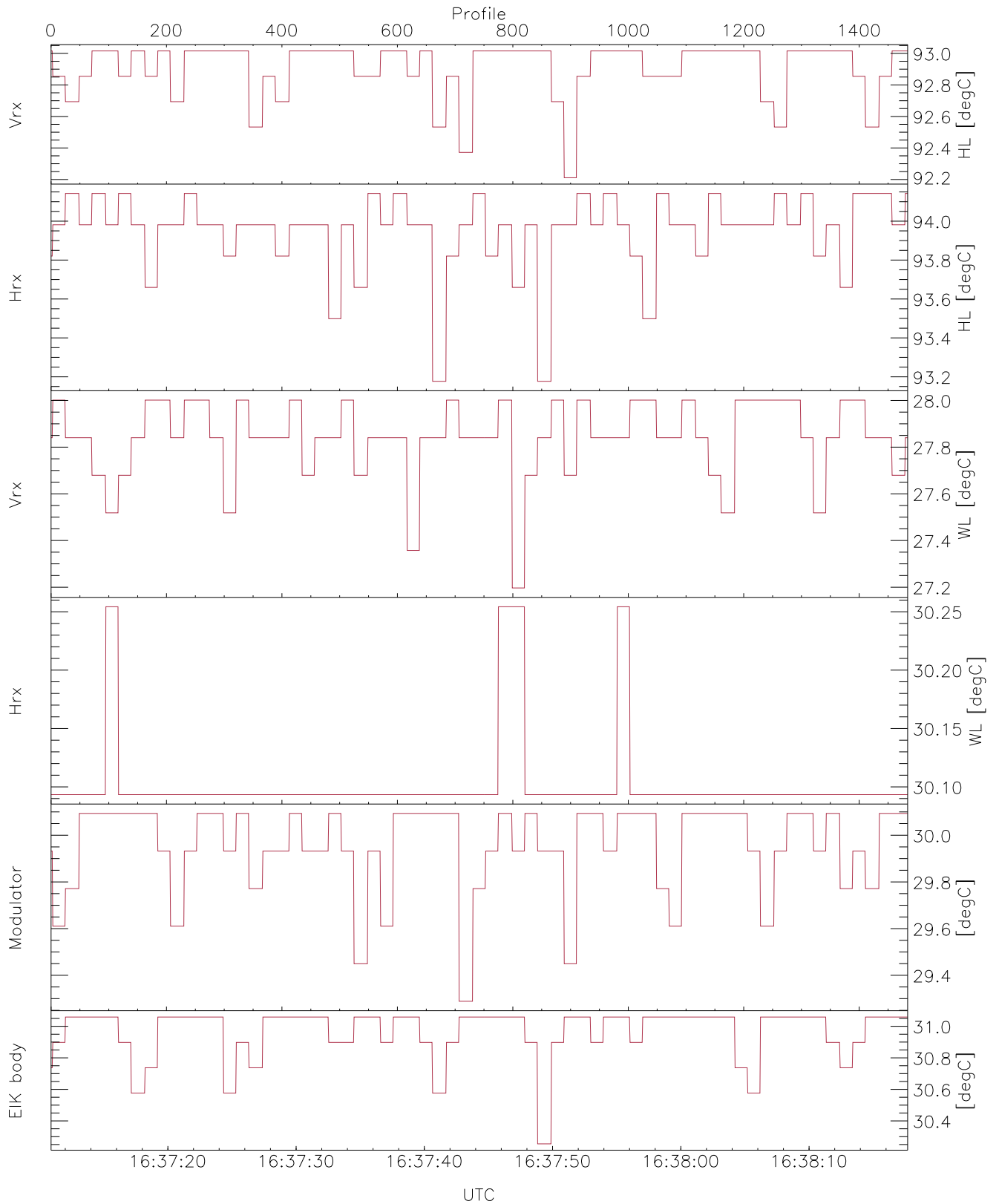


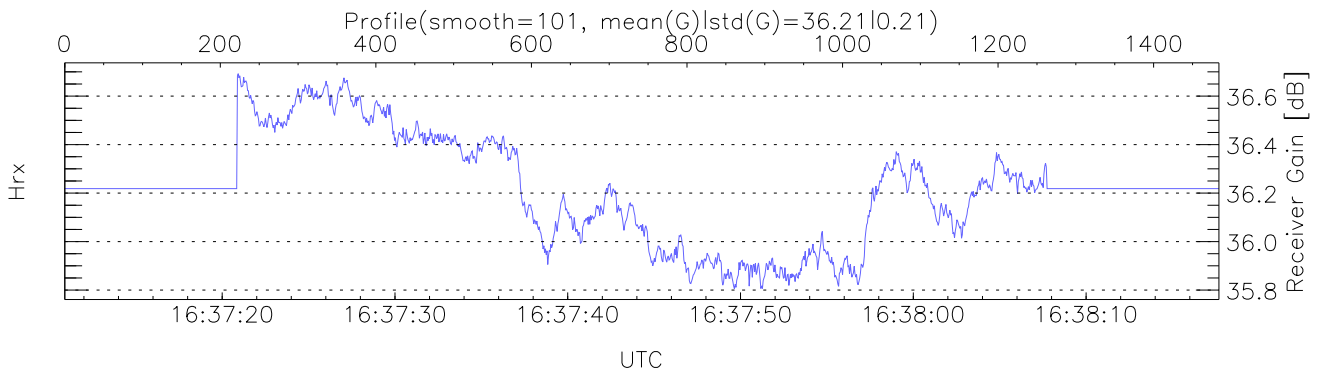
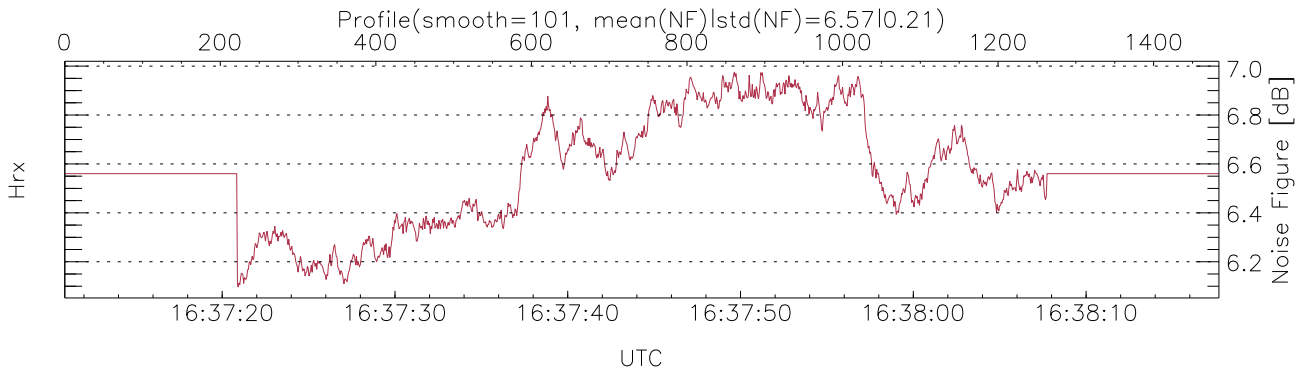
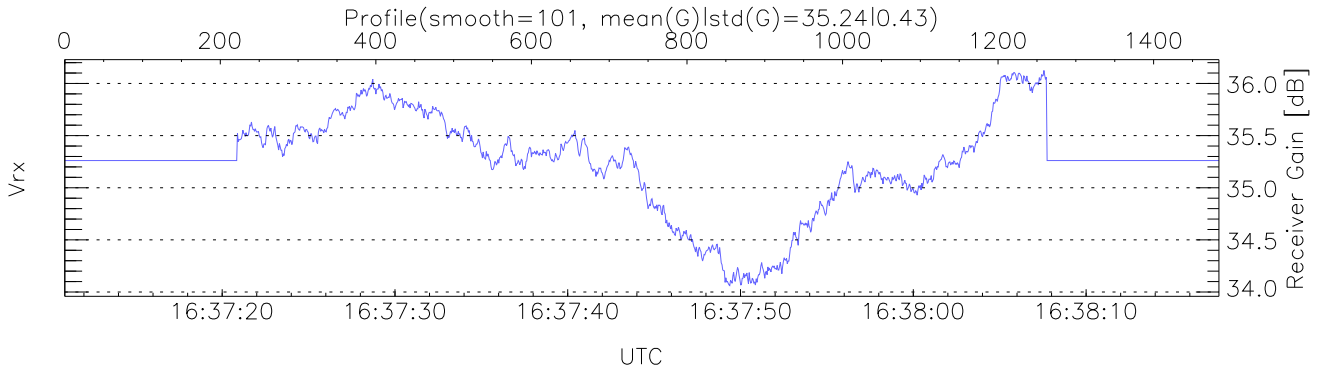
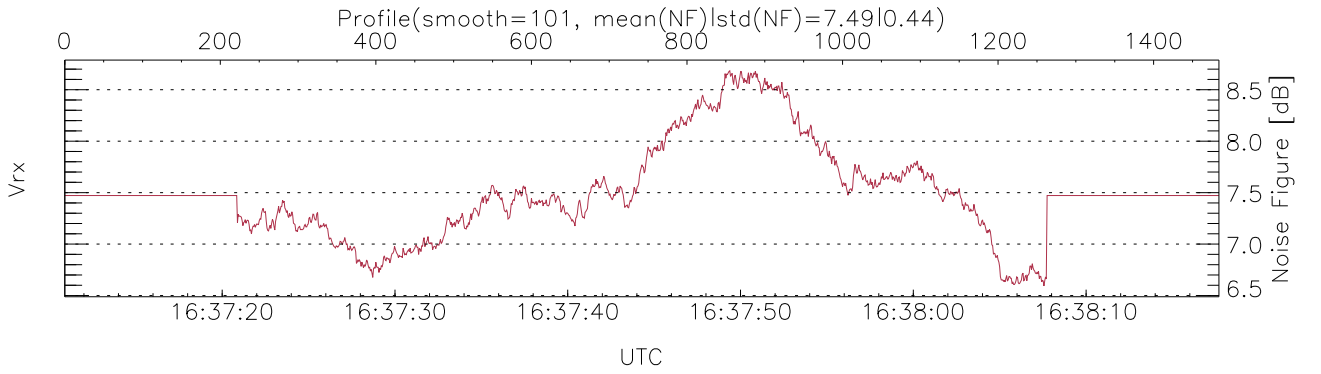
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:37:11-16:38:18, TimeCor: 0.00s, Dur: 66.80s  
 TimeFlg: 1, TFPstatus constant.  
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2  
 NumRec(r/t): 1485/1485, 0-1484/16:37:11-16:38:18  
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2  
 PRF: 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



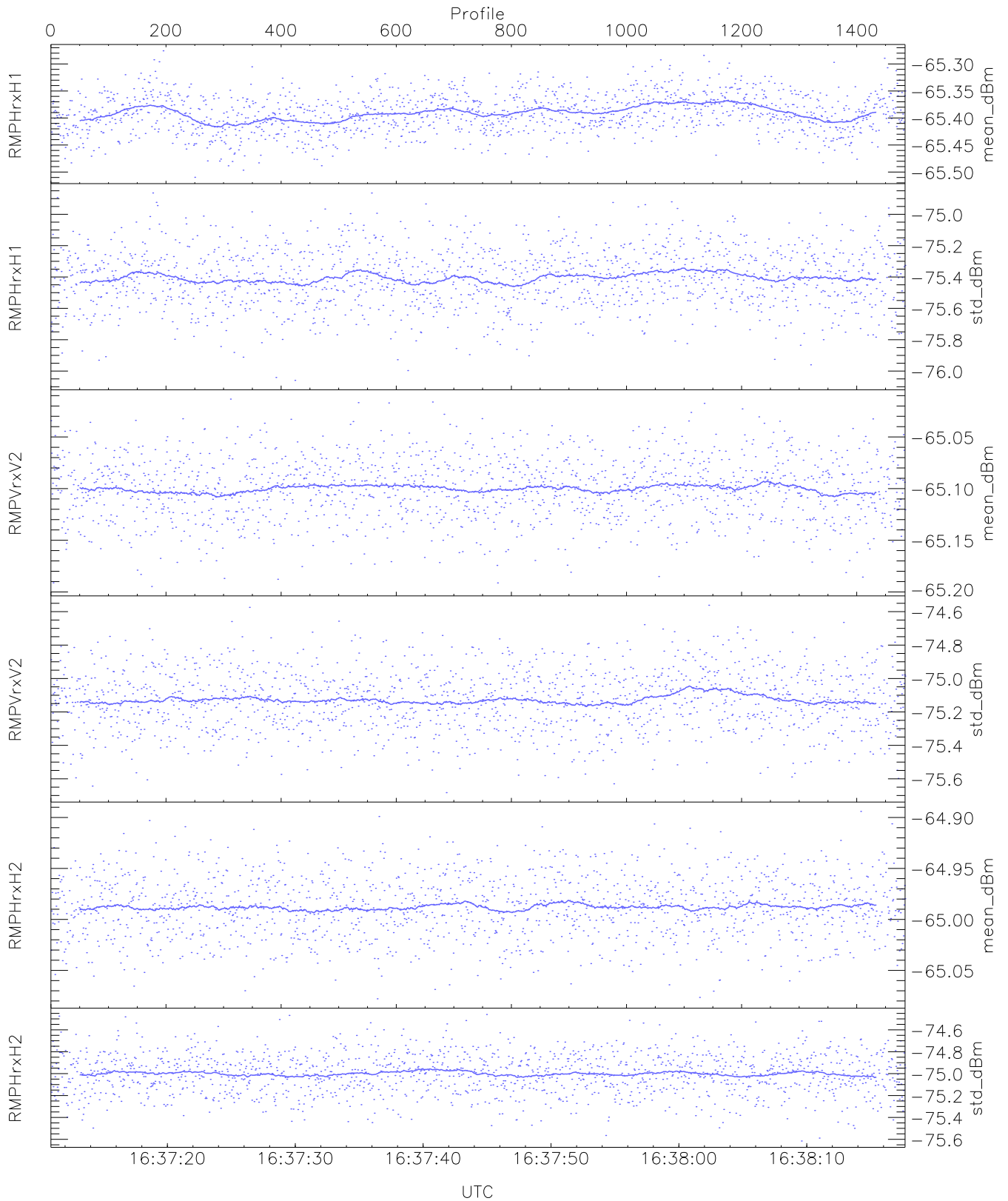
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,30,29,30  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,28,30,30,31  
LOalarm(20,240,2817,14861 MHz): None  
EIK/Modulator Faults: None



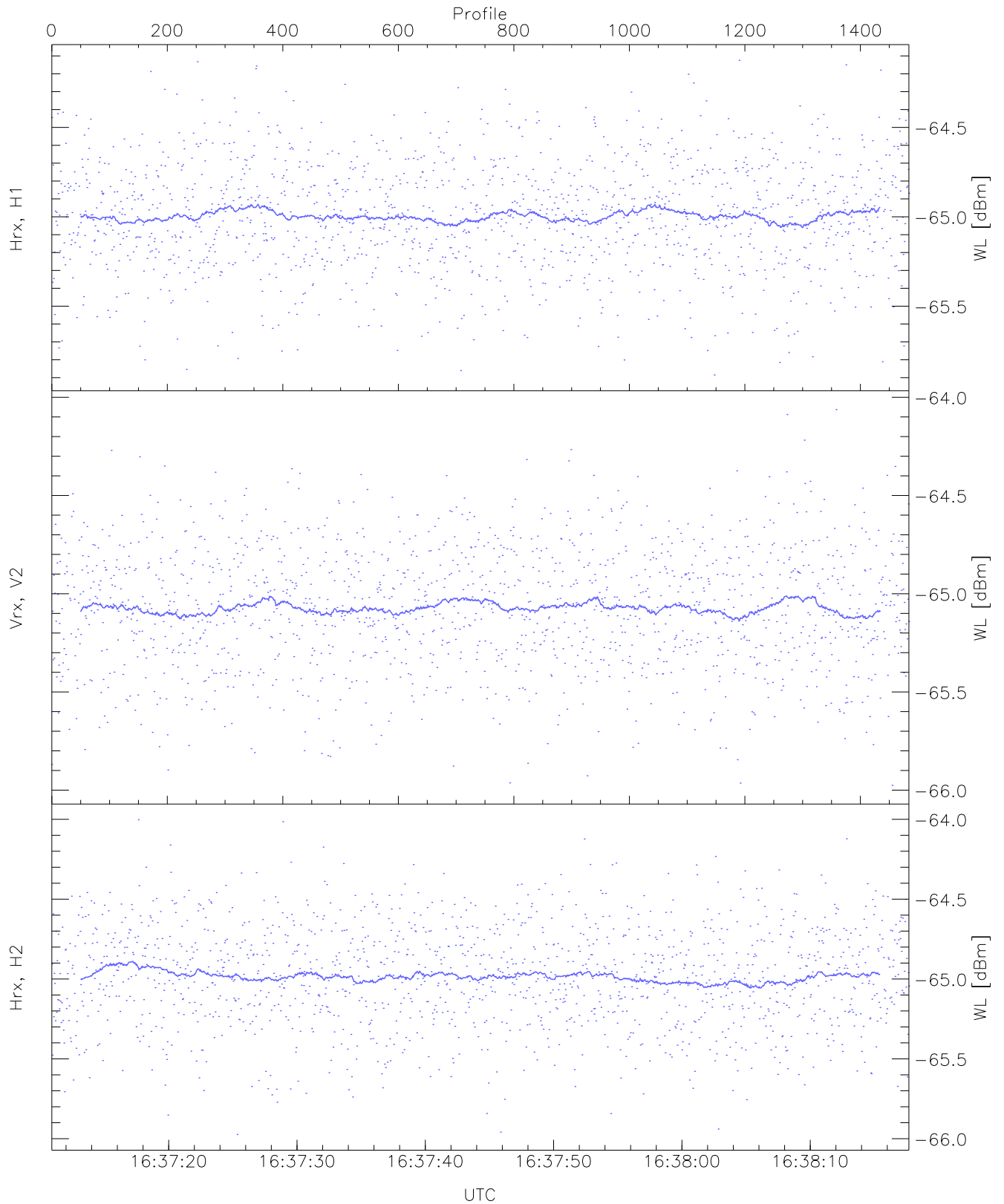
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



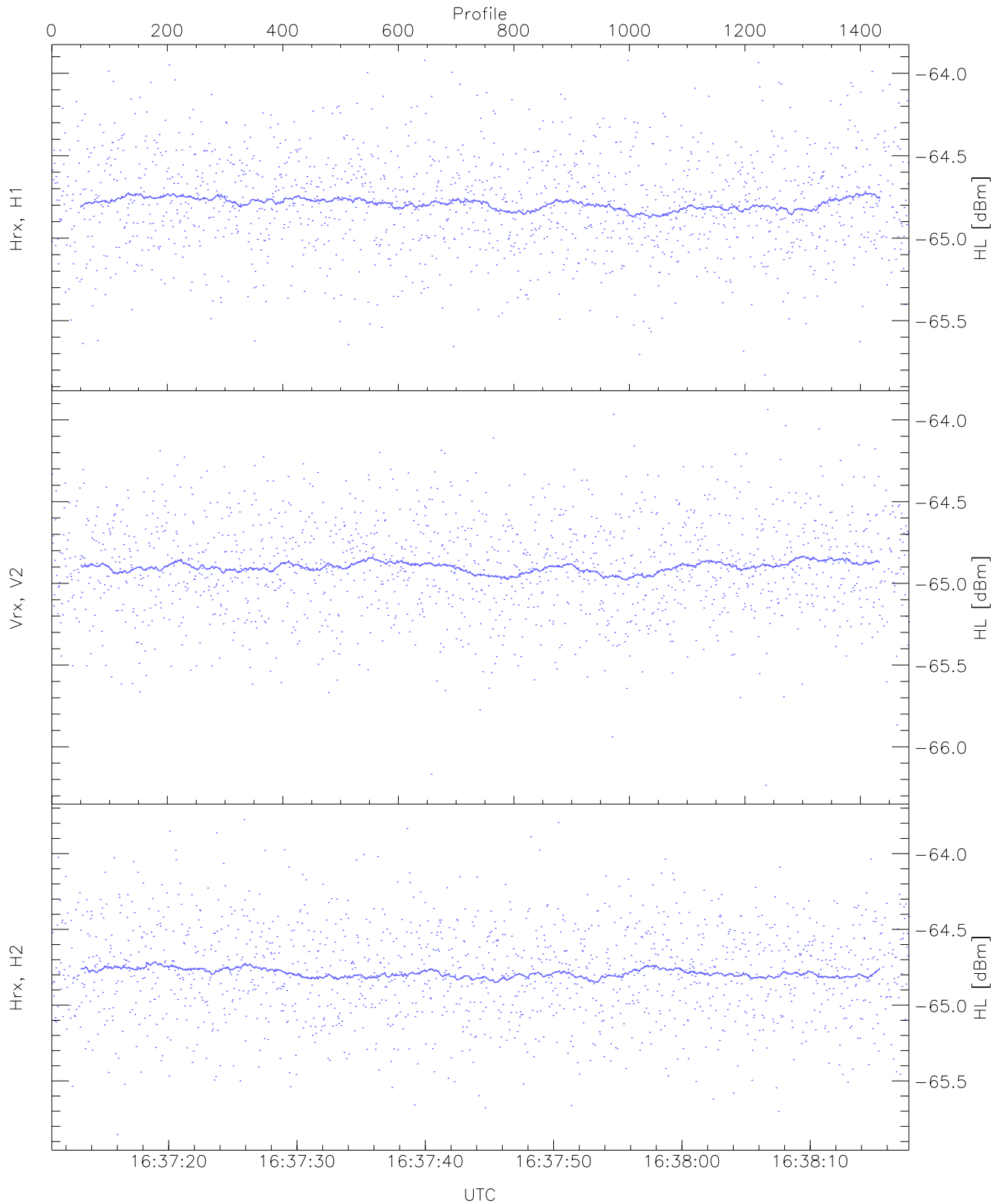
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.51	-65.28	-65.39	-65.39	-86.37
RMPHrxH1 (std_dBm)	-76.06	-74.86	-75.40	-75.40	-89.14
RMPVrxV2 (mean_dBm)	-65.19	-65.01	-65.10	-65.10	-86.79
RMPVrxV2 (std_dBm)	-75.68	-74.56	-75.13	-75.13	-89.05
RMPHrxH2 (mean_dBm)	-65.08	-64.89	-64.99	-64.99	-86.67
RMPHrxH2 (std_dBm)	-75.62	-74.46	-75.00	-75.00	-88.84



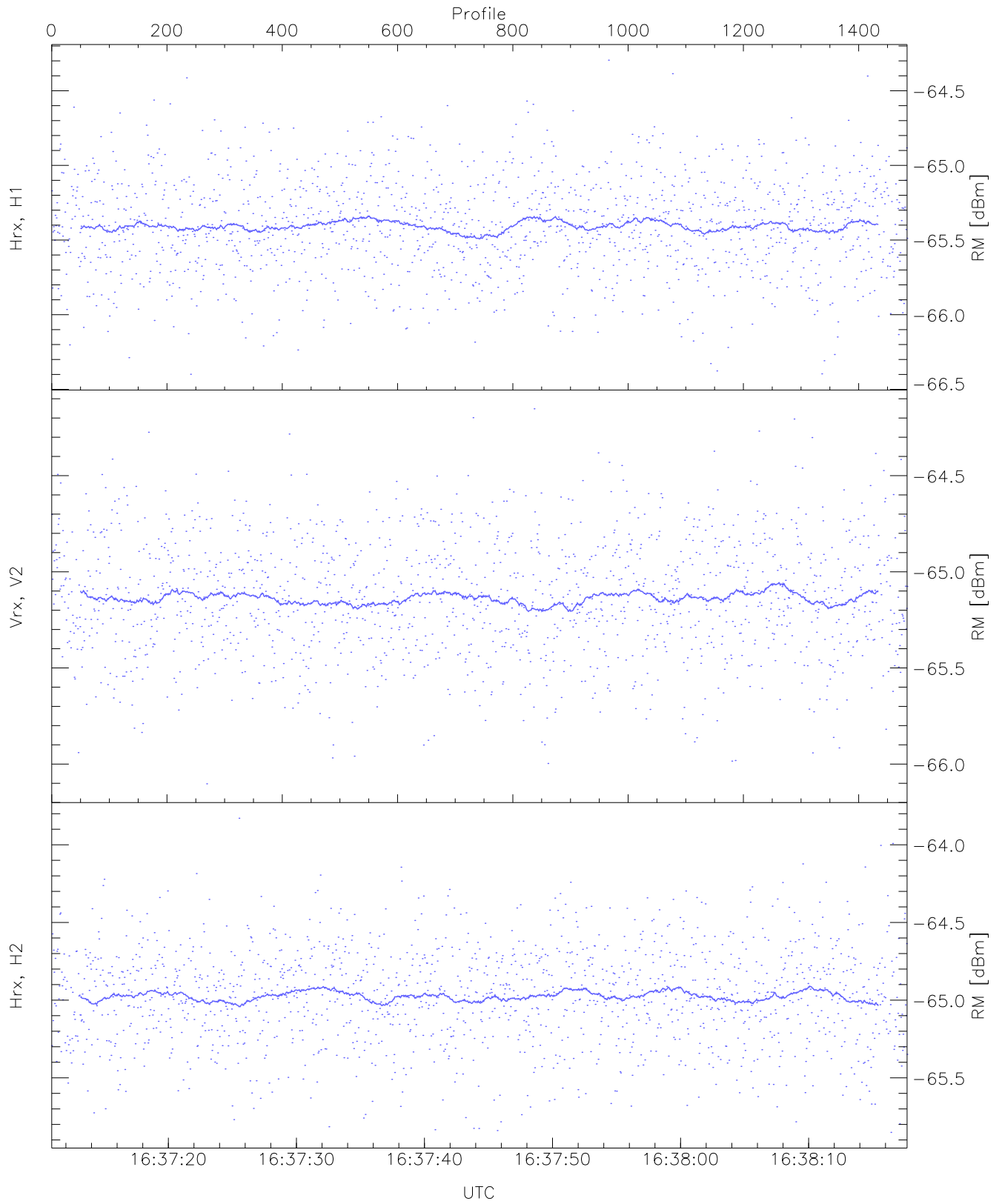
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.89	-64.12	-64.99	-64.99	-76.66
Vrx, V2 (WL [dBm])	-65.98	-64.06	-65.06	-65.07	-76.63
Hrx, H2 (WL [dBm])	-65.97	-64.00	-64.98	-64.98	-76.48



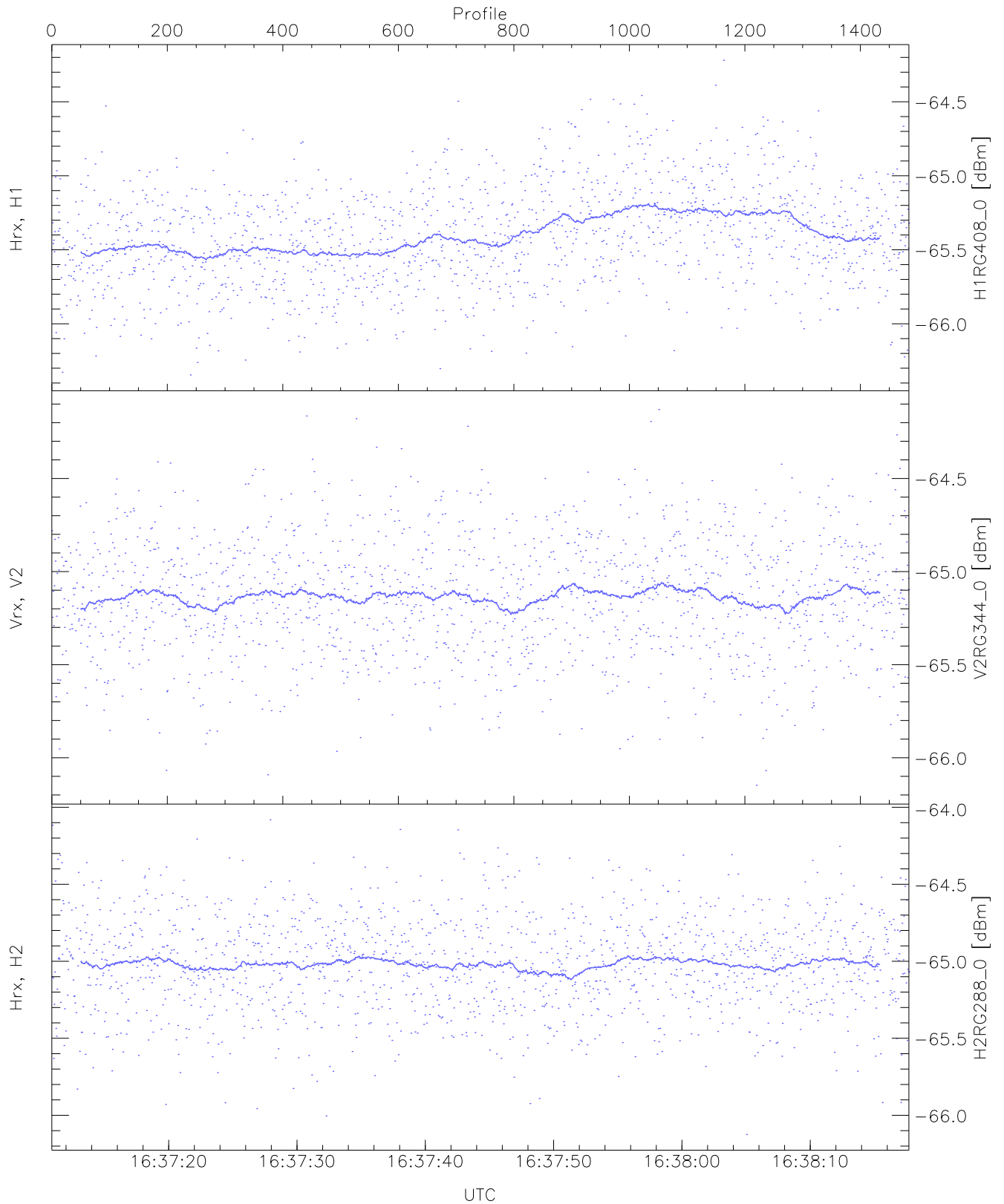
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.83	-63.92	-64.78	-64.79	-76.38
Vrx, V2 (HL [dBm])	-66.24	-63.94	-64.89	-64.90	-76.49
Hrx, H2 (HL [dBm])	-65.85	-63.78	-64.78	-64.79	-76.23



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

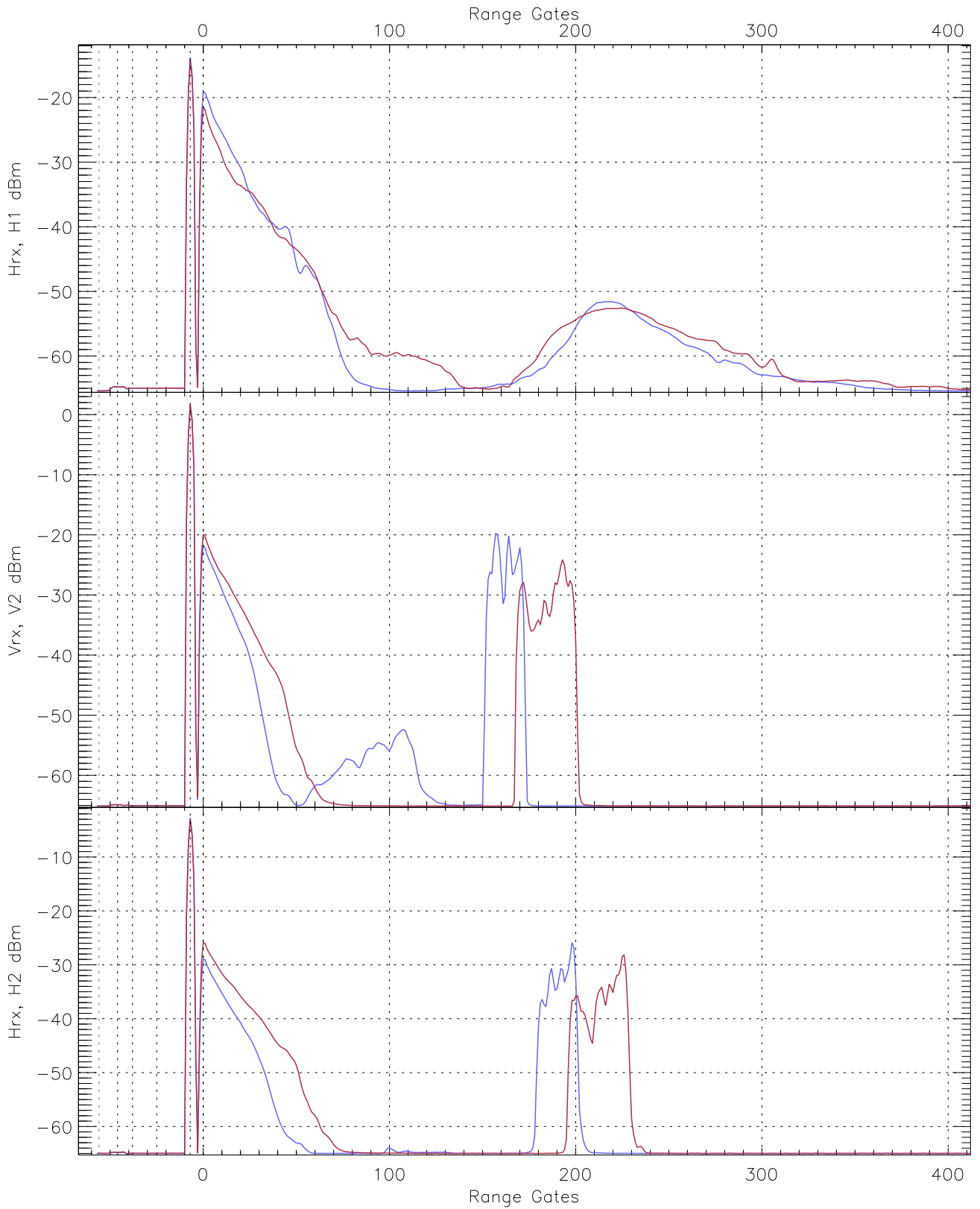
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.40	-64.30	-65.40	-65.41	-76.80
Vrx, V2 (RM [dBm])	-66.10	-64.15	-65.13	-65.15	-76.73
Hrx, H2 (RM [dBm])	-65.85	-63.83	-64.97	-64.97	-76.44



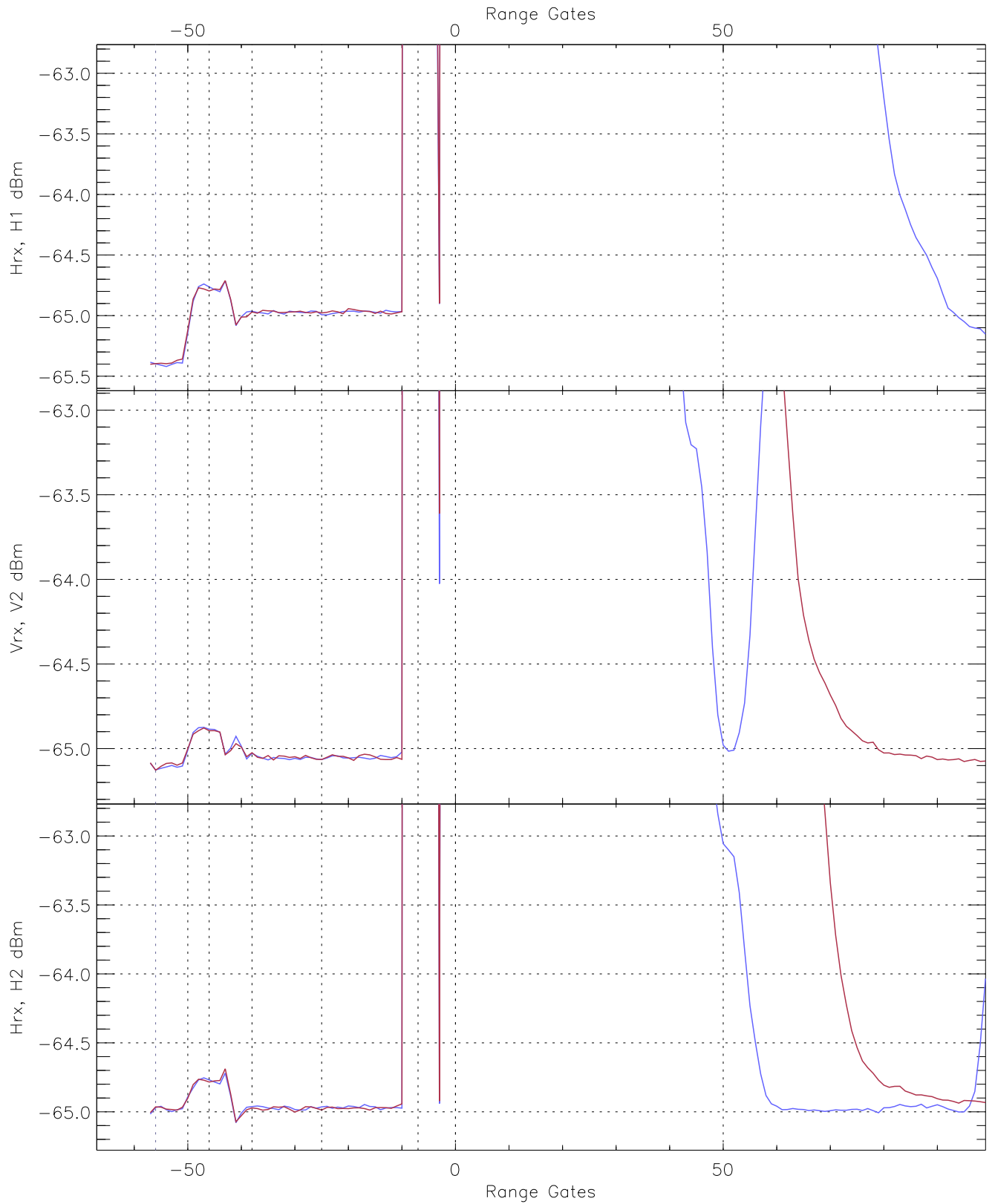
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG408_0 [dBm]	-66.35	-64.22	-65.40	-65.42	-76.60
V2RG344_0 [dBm]	-66.15	-64.13	-65.13	-65.14	-76.57
H2RG288_0 [dBm]	-66.12	-64.08	-65.01	-65.02	-76.58

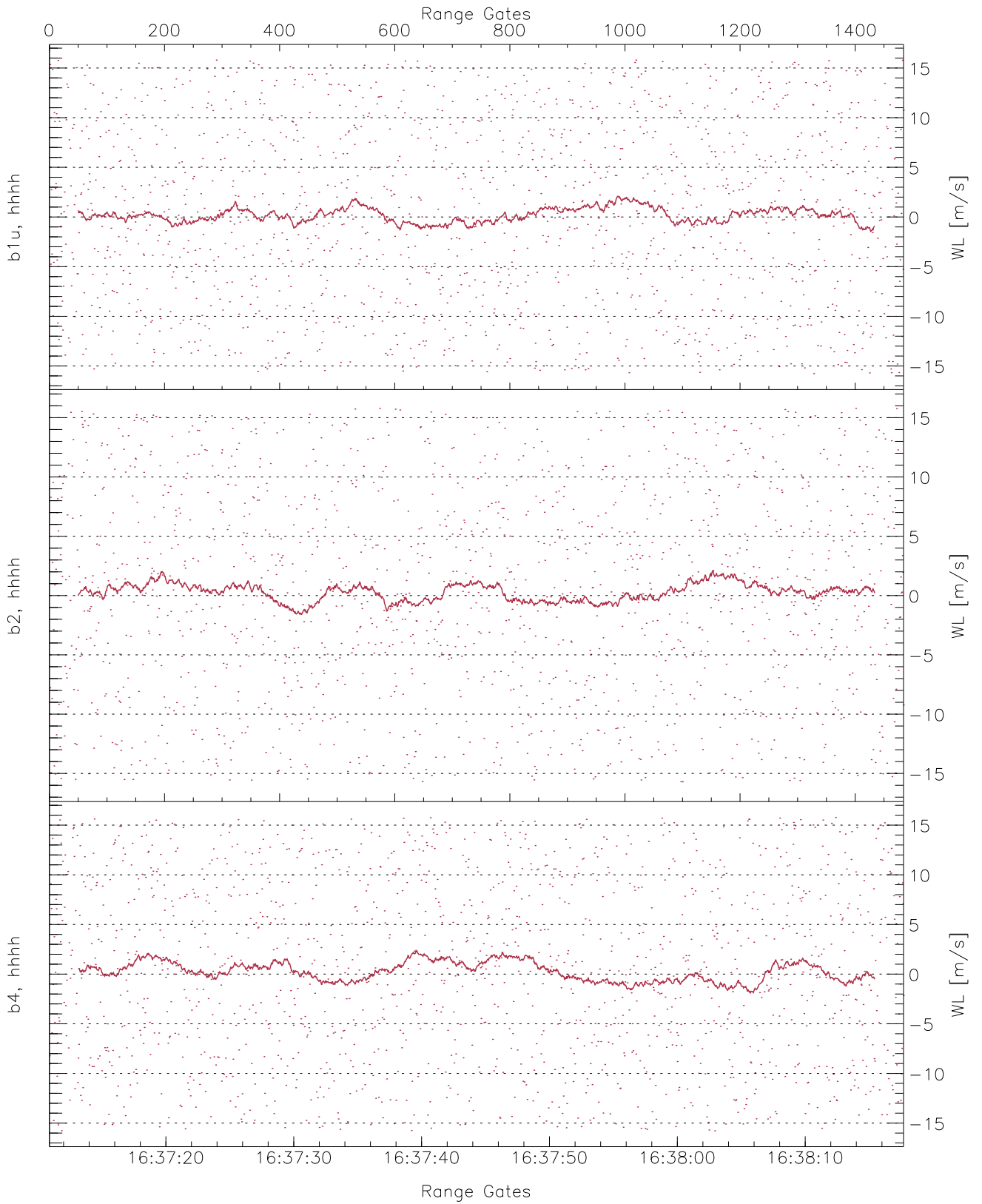




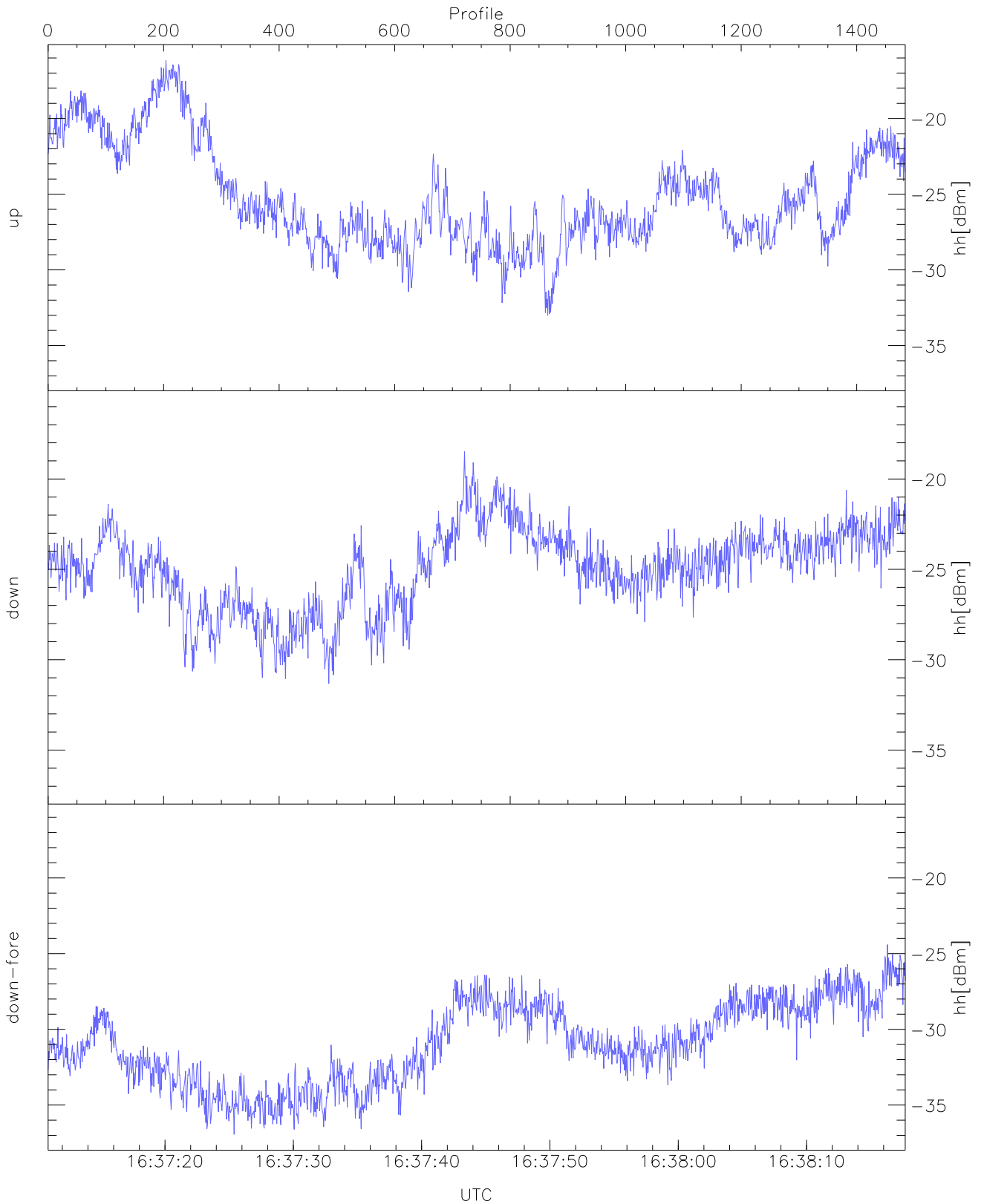
WCR3 CPP Averaged Received power for all recorded gates  
blue: 163711-163744, 743 profiles averaged  
red: 163744-163818, 743 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 163711-163744, 743 profiles averaged  
red: 163744-163818, 743 profiles averaged

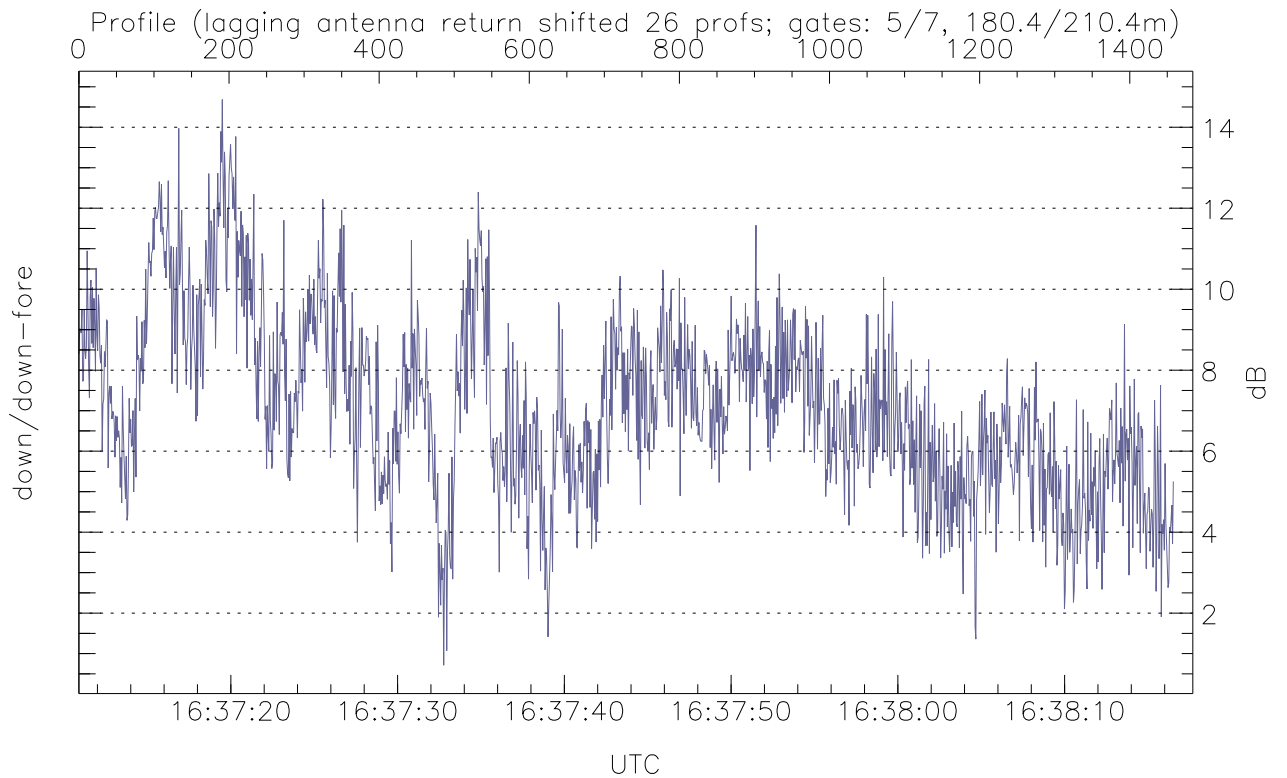
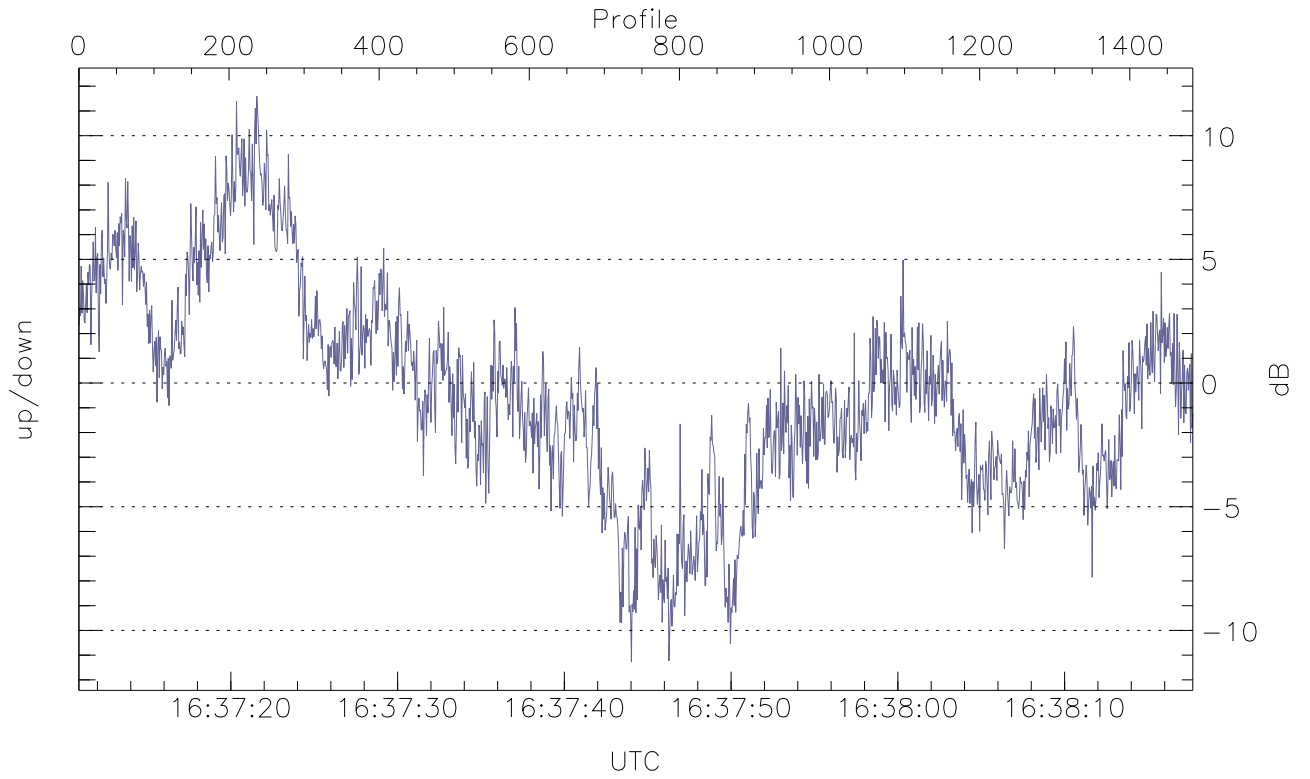


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



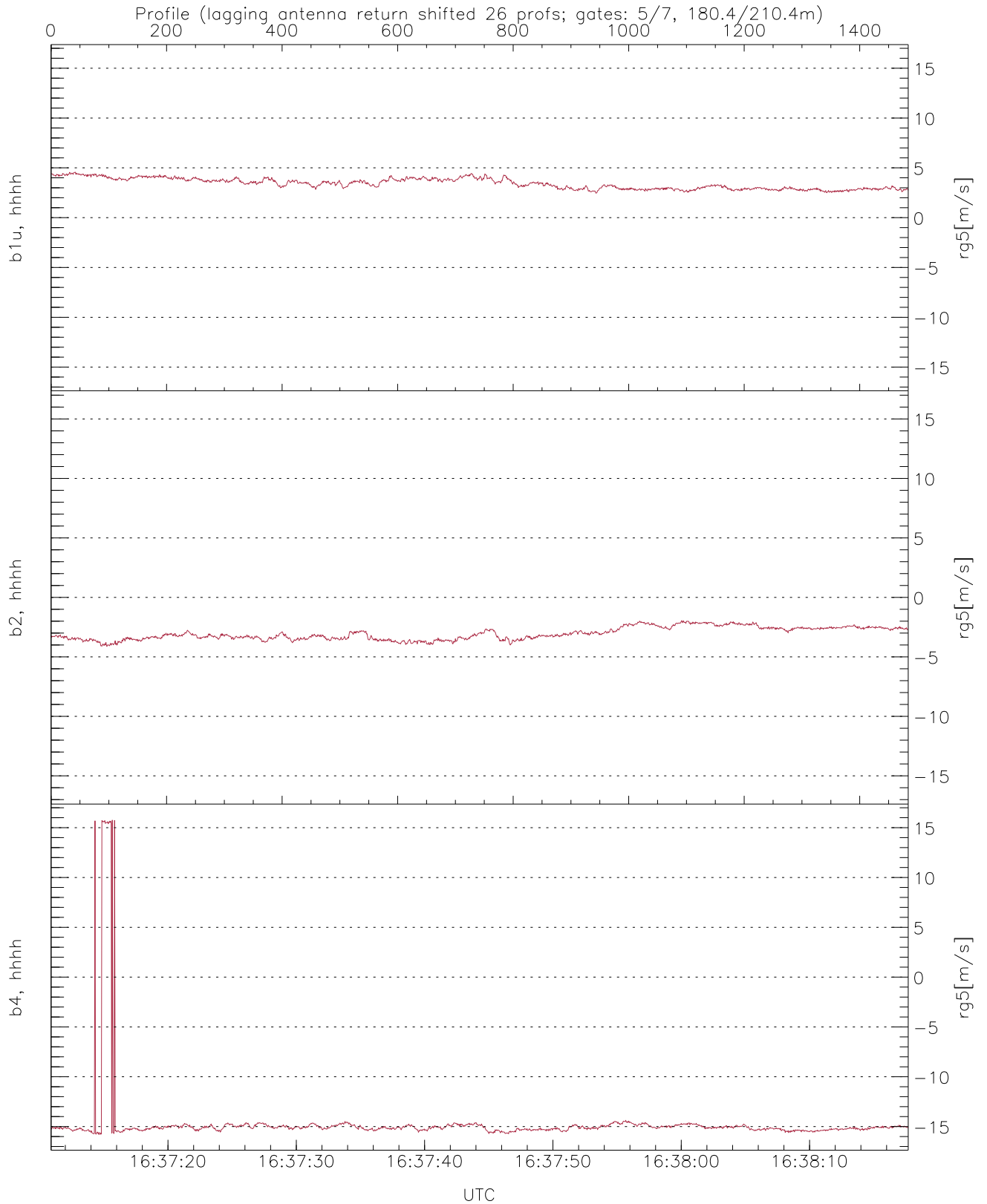
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-33.02	-16.16	-23.85
down(hh[dBm])	-31.32	-18.47	-24.41
down-fore(hh[dBm])	-36.94	-24.40	-30.19



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-11.28	11.59	-0.35
down/down-fore (dB)	0.71	14.69	7.13



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	2.46	4.56	3.41	0.53
b2, hhhh(rg5[m/s])	-4.10	-1.96	-3.05	0.52
b4, hhhh(rg5[m/s])	-15.77	15.77	-14.69	3.55