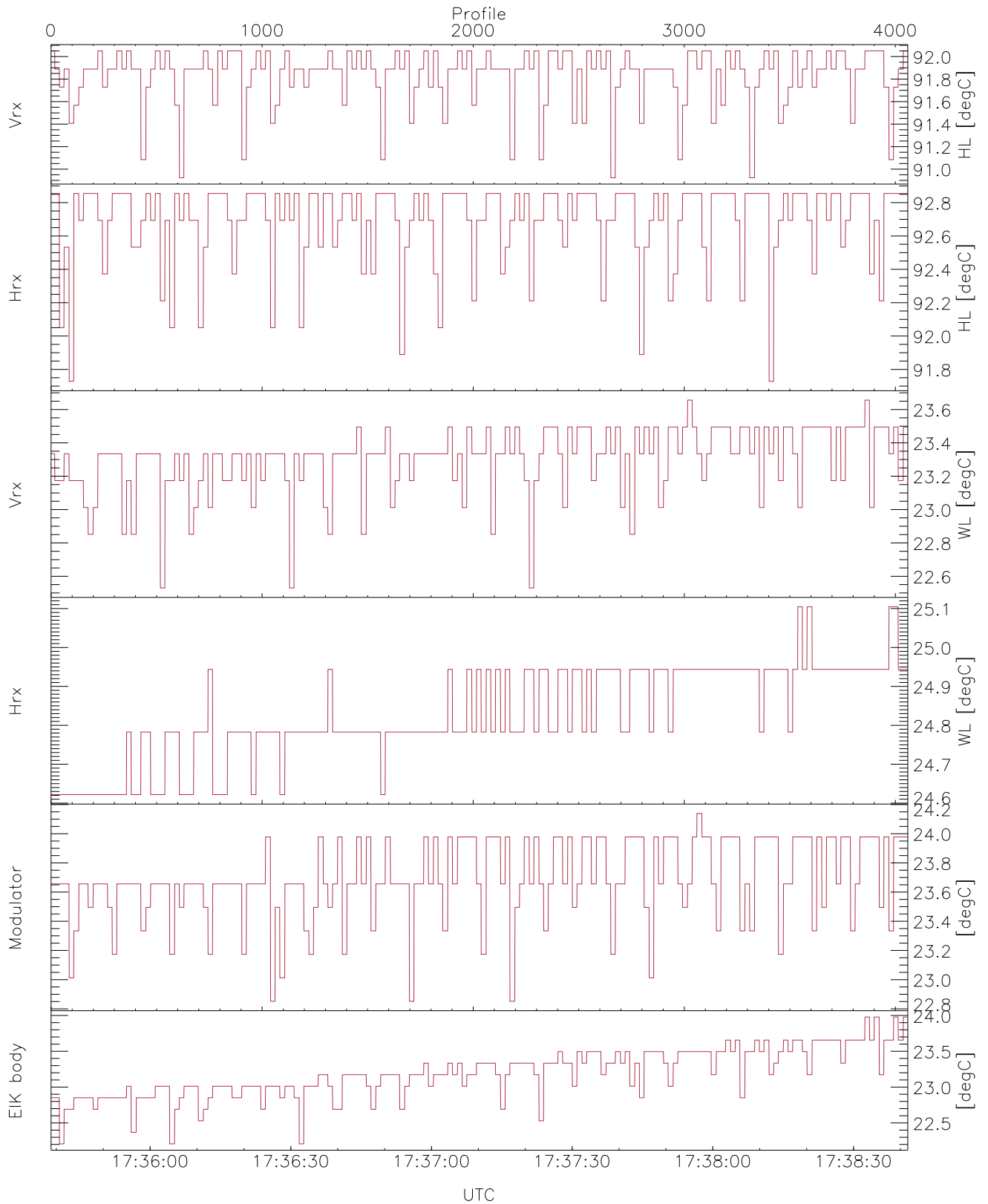


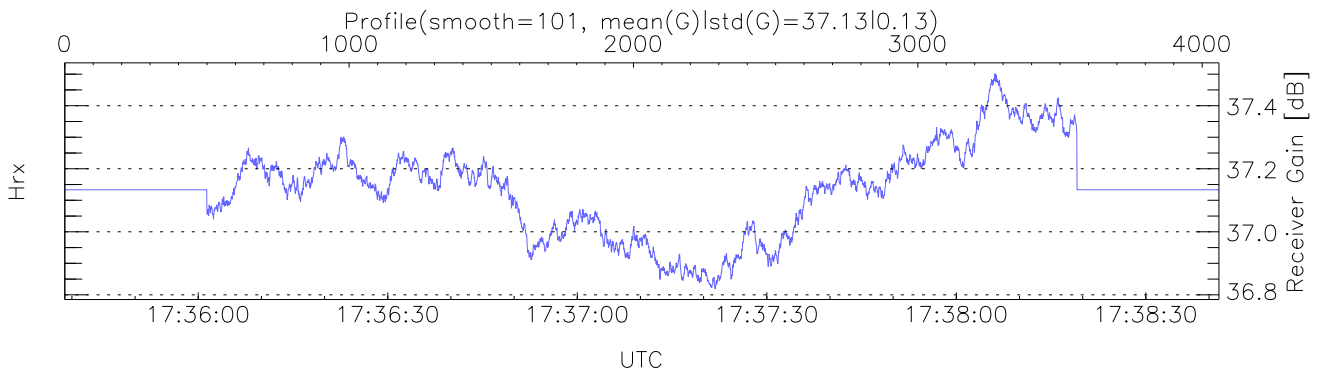
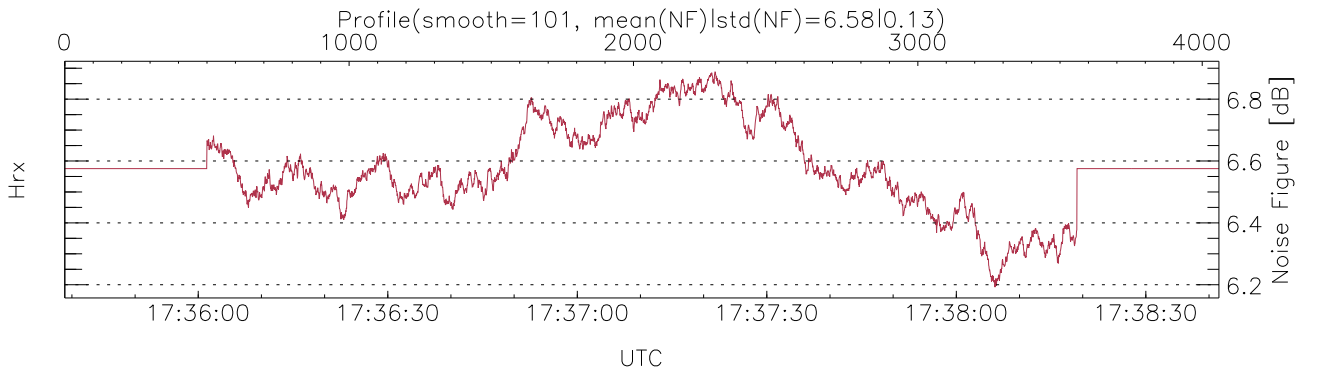
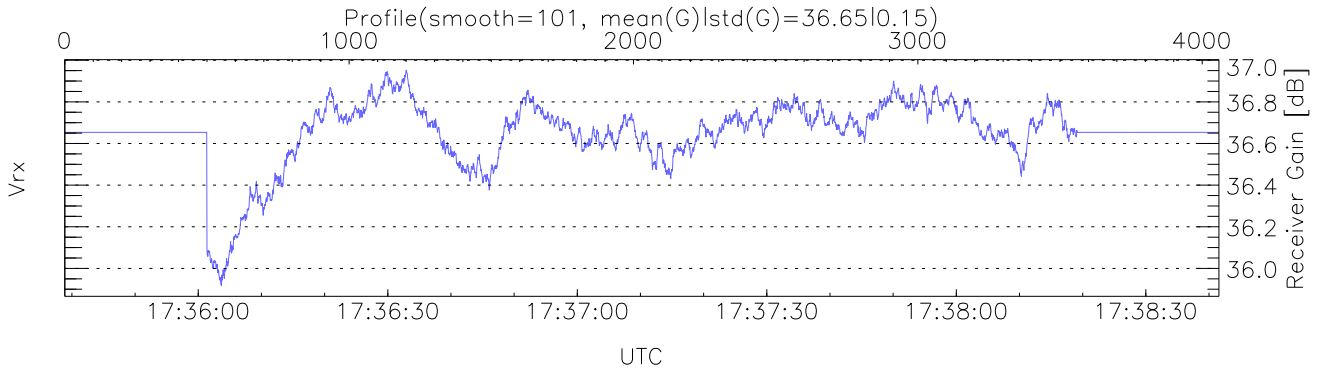
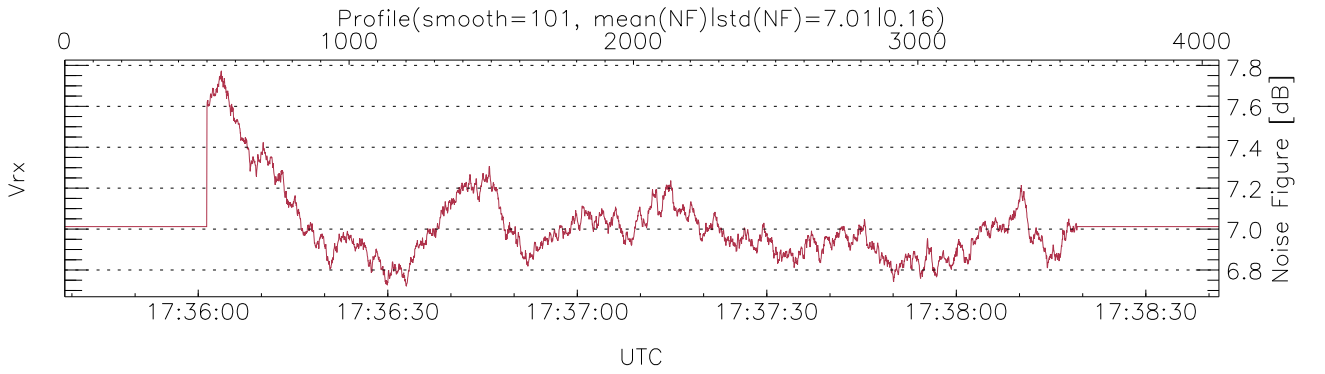
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:35:39-17:38:42, TimeCor: 0.00s, Dur: 182.70s  
 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): 4060/4060, 0-4059/17:35:39-17:38:42  
 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 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



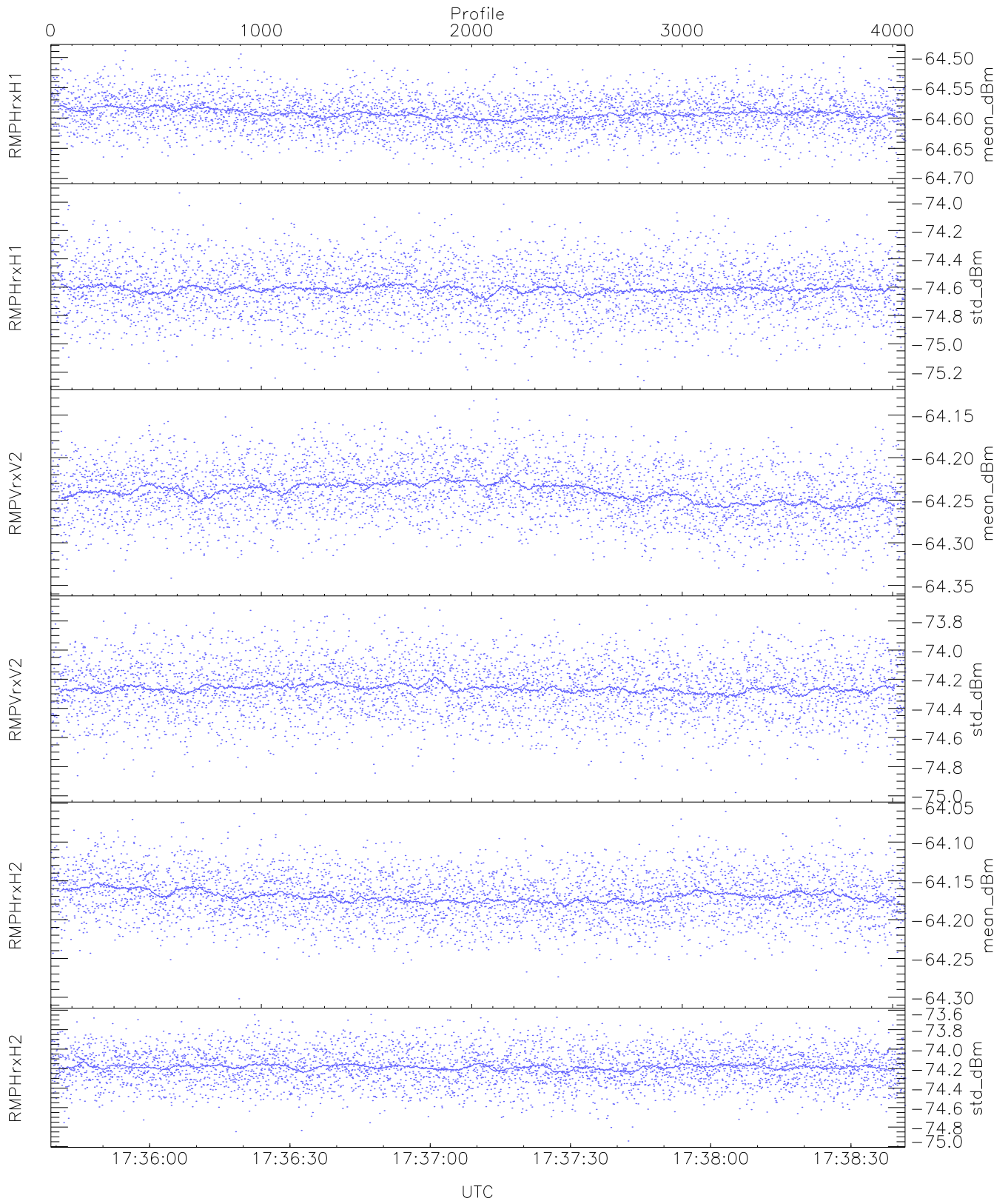
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,22,22`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,23,25,24,23`  
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`  
`EIK/Modulator Faults: None`



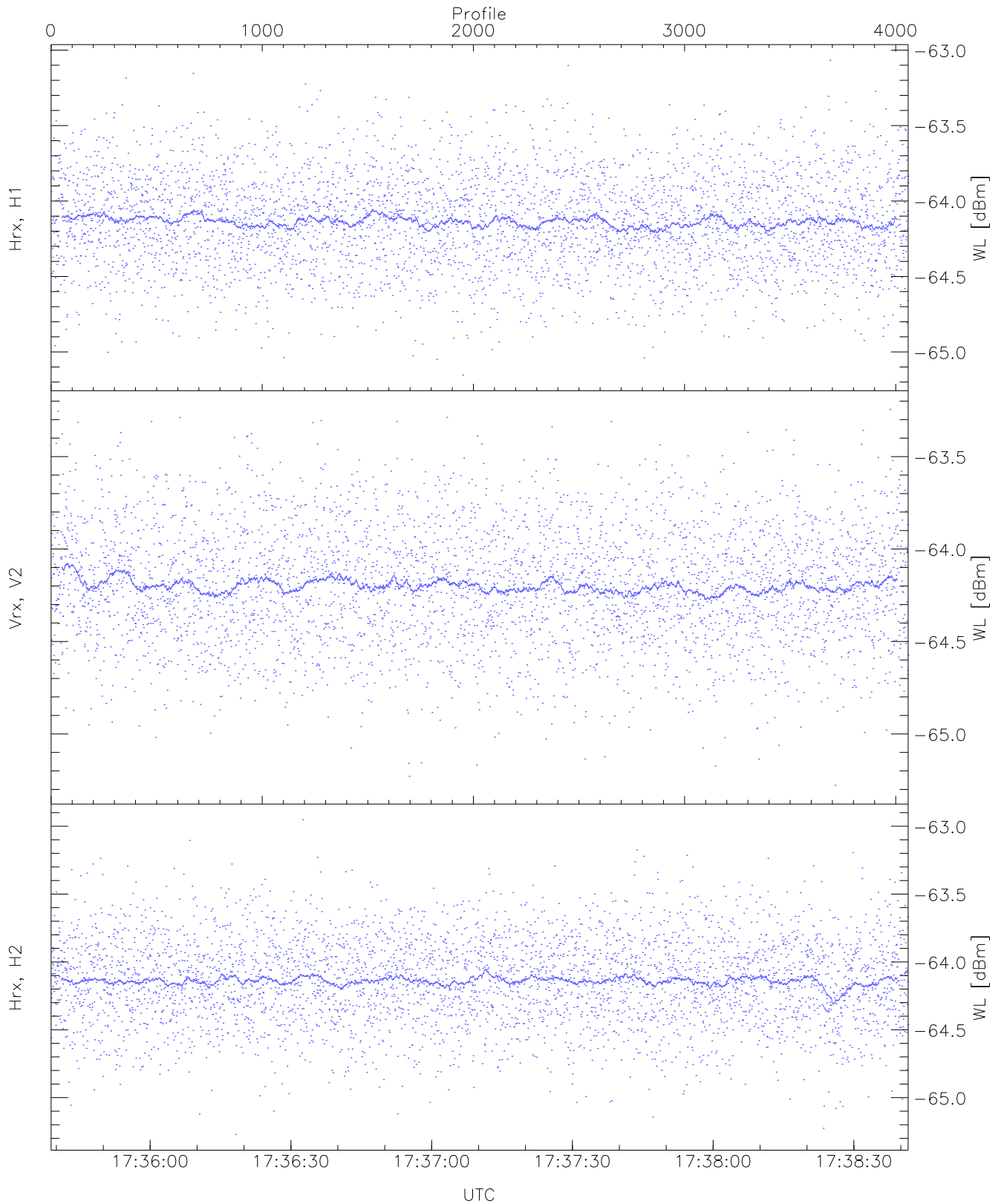
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 9 pixs, 2 gates, 9 profs, 1 prod(s)



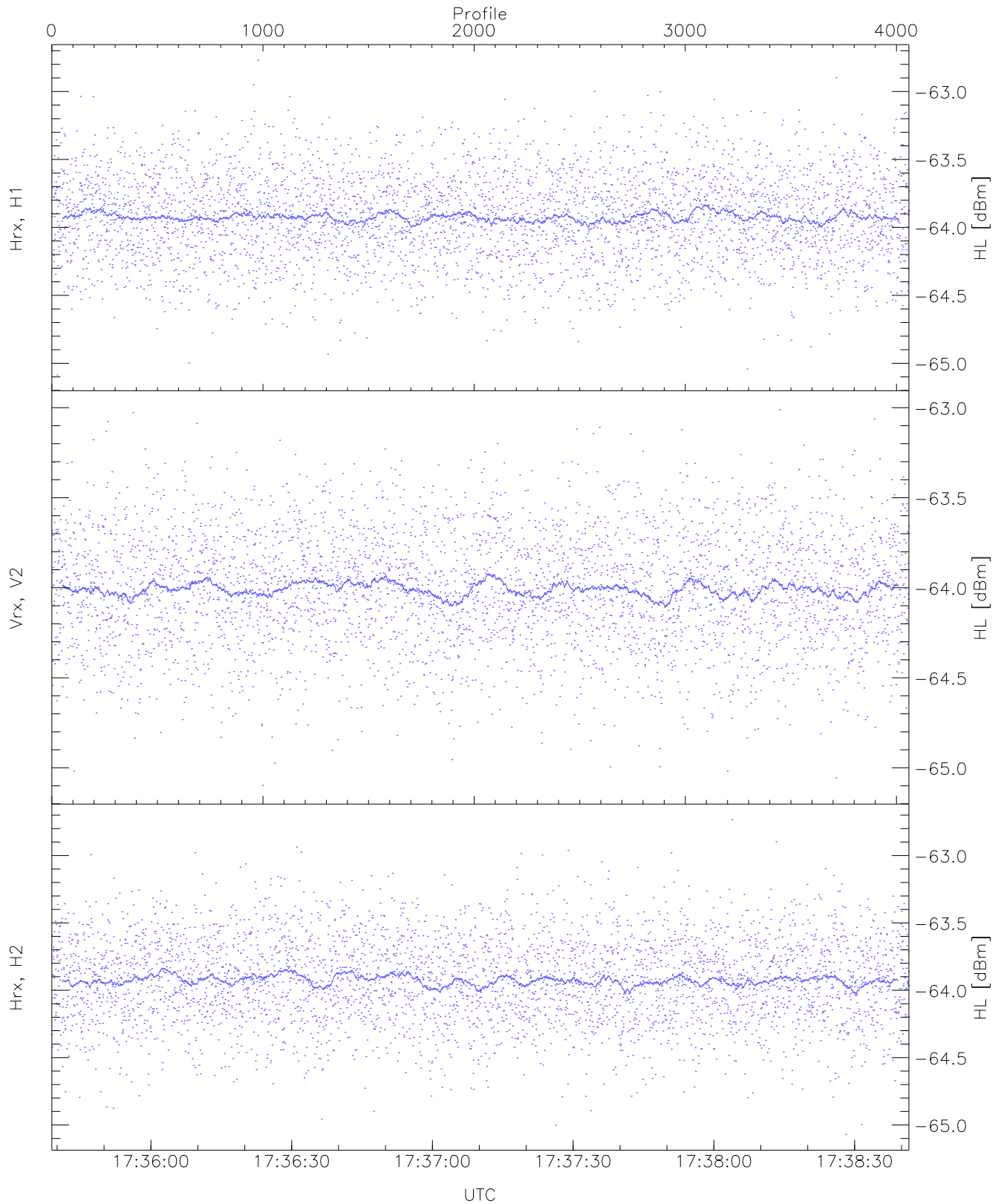
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-64.70	-64.49	-64.59	-64.59	-86.23
RMPHrxH1(std_dBm)	-75.26	-73.93	-74.61	-74.61	-88.35
RMPVrxV2(mean_dBm)	-64.35	-64.13	-64.24	-64.24	-85.60
RMPVrxV2(std_dBm)	-74.98	-73.69	-74.26	-74.27	-87.97
RMPHrxH2(mean_dBm)	-64.30	-64.06	-64.17	-64.17	-85.70
RMPHrxH2(std_dBm)	-74.94	-73.64	-74.18	-74.19	-87.97



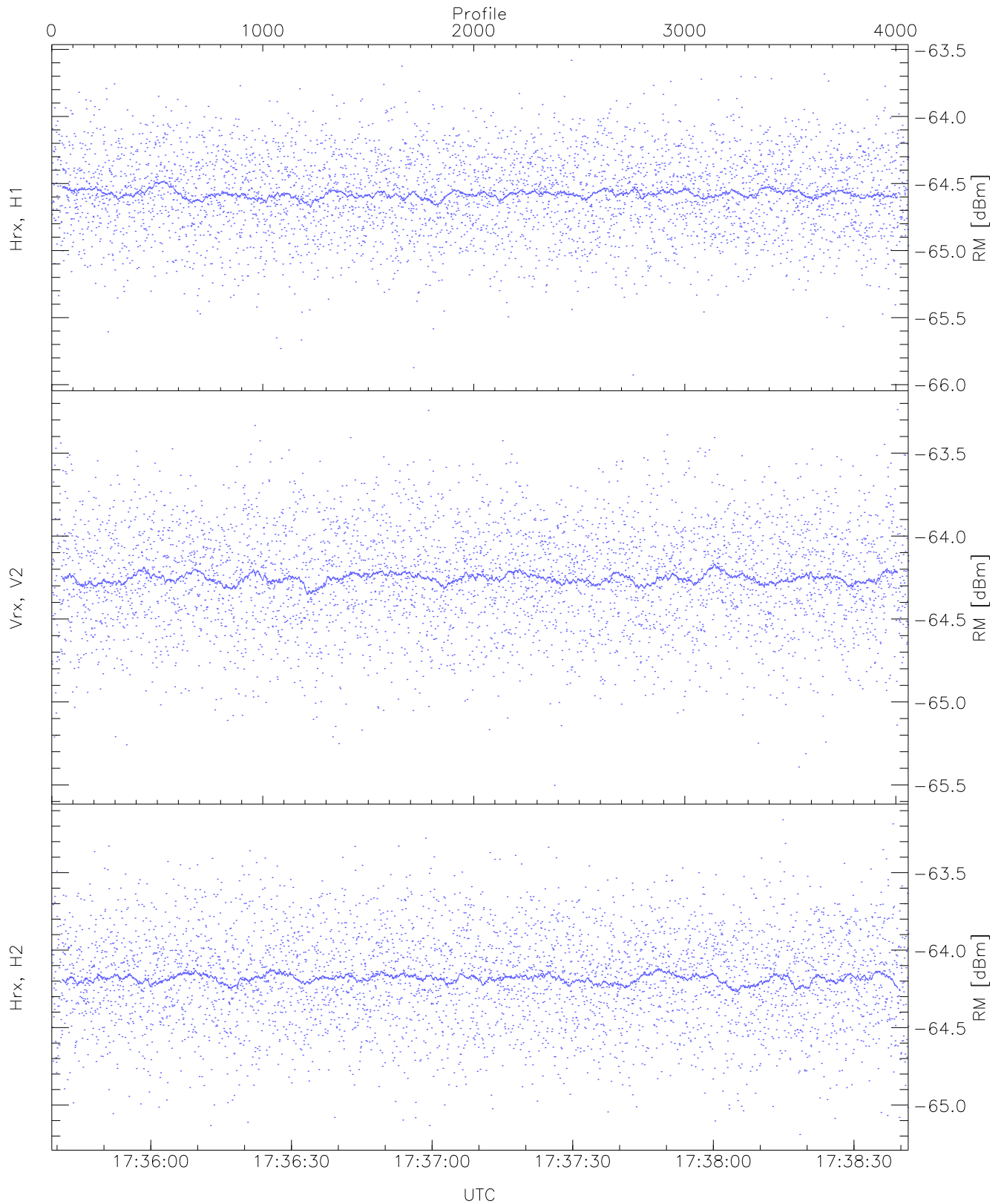
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.15	-63.07	-64.13	-64.14	-75.69
Vrx, V2 (WL [dBm])	-65.28	-63.25	-64.19	-64.20	-75.69
Hrx, H2 (WL [dBm])	-65.27	-62.95	-64.13	-64.14	-75.59



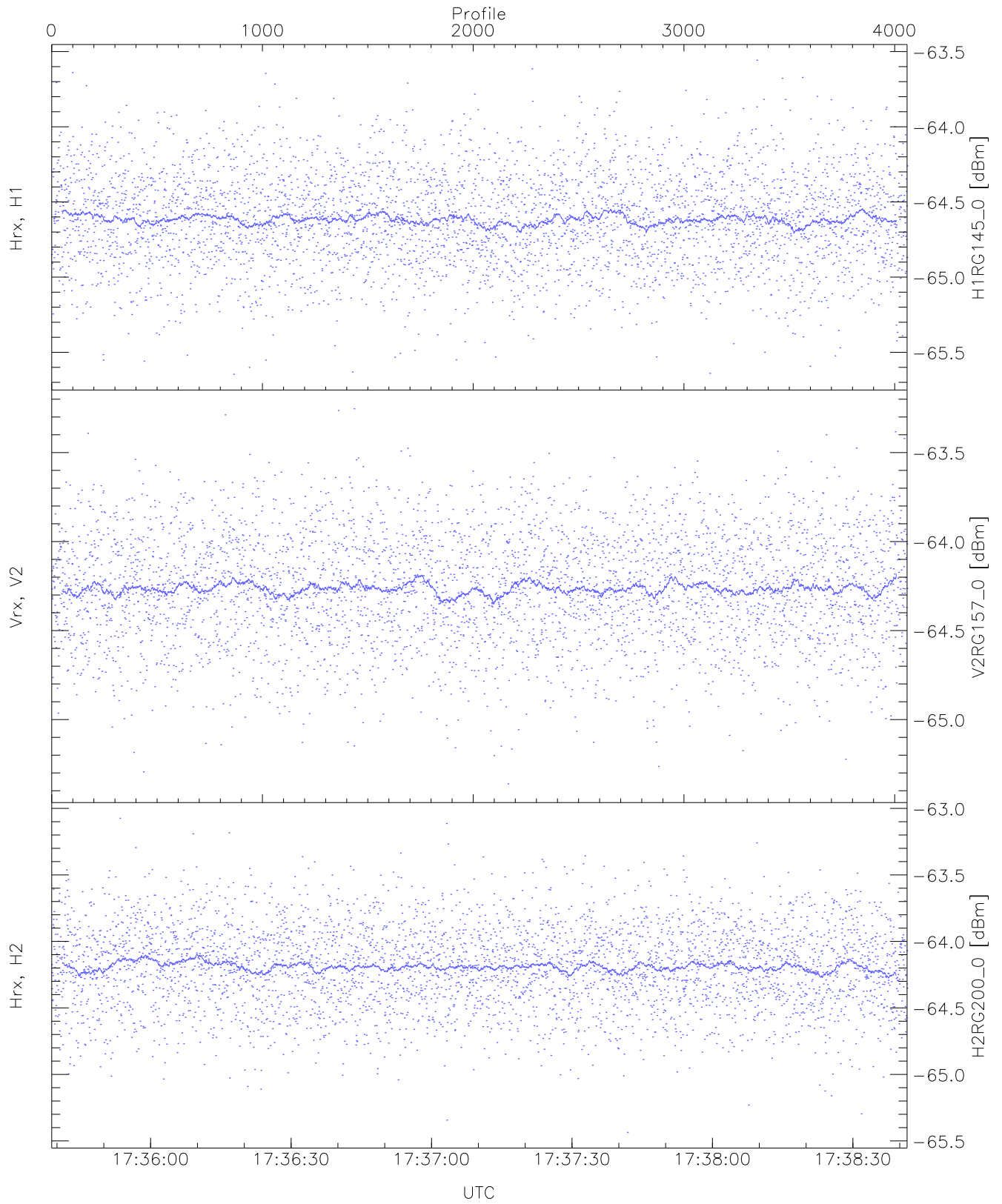
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.09	-62.77	-63.91	-63.92	-75.38
Vrx, V2 (HL [dBm])	-65.10	-63.01	-64.00	-64.01	-75.51
Hrx, H2 (HL [dBm])	-65.07	-62.73	-63.92	-63.93	-75.38



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

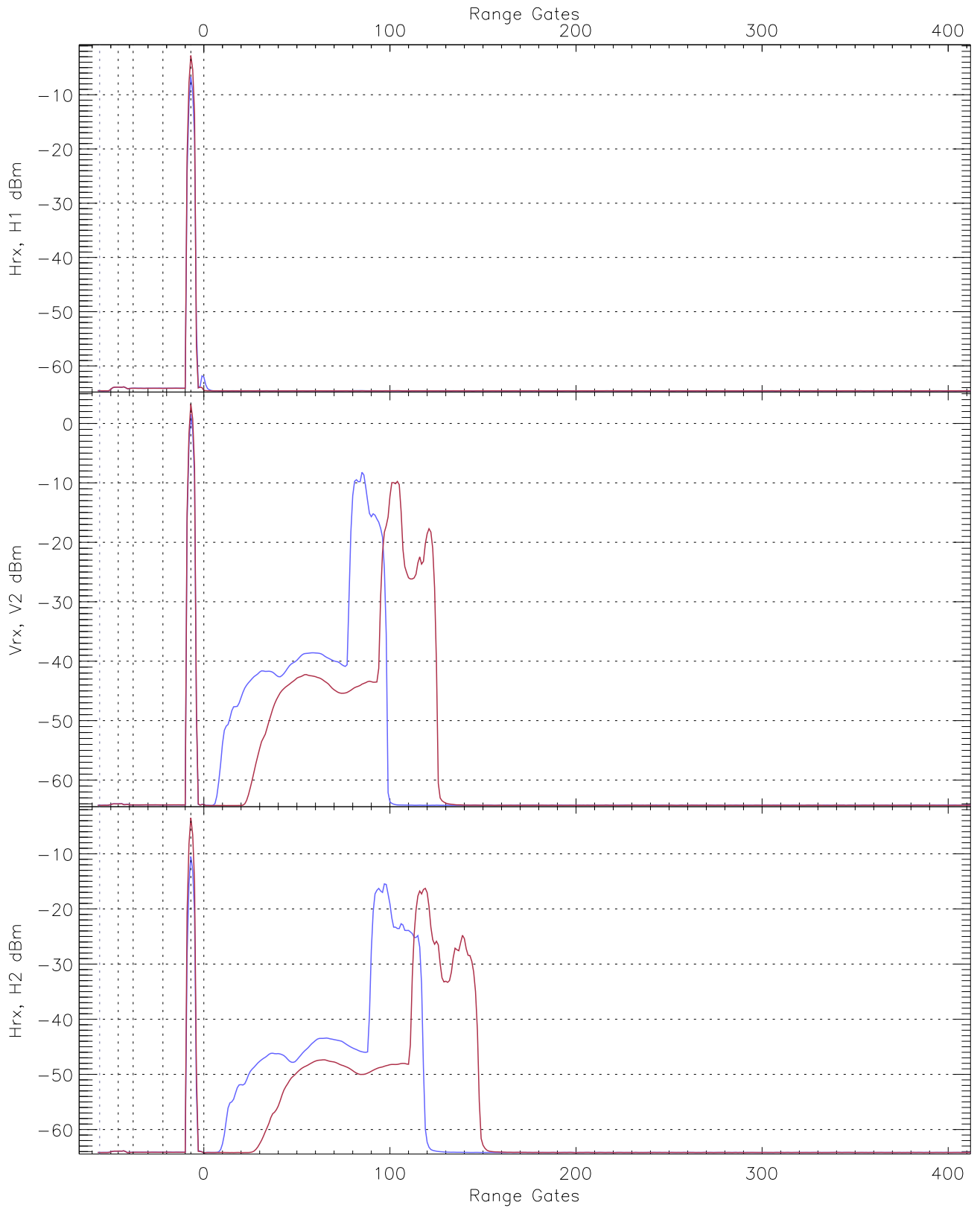
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.93	-63.58	-64.57	-64.57	-76.10
Vrx, V2 (RM [dBm])	-65.50	-63.24	-64.25	-64.25	-75.72
Hrx, H2 (RM [dBm])	-65.19	-63.16	-64.18	-64.18	-75.68



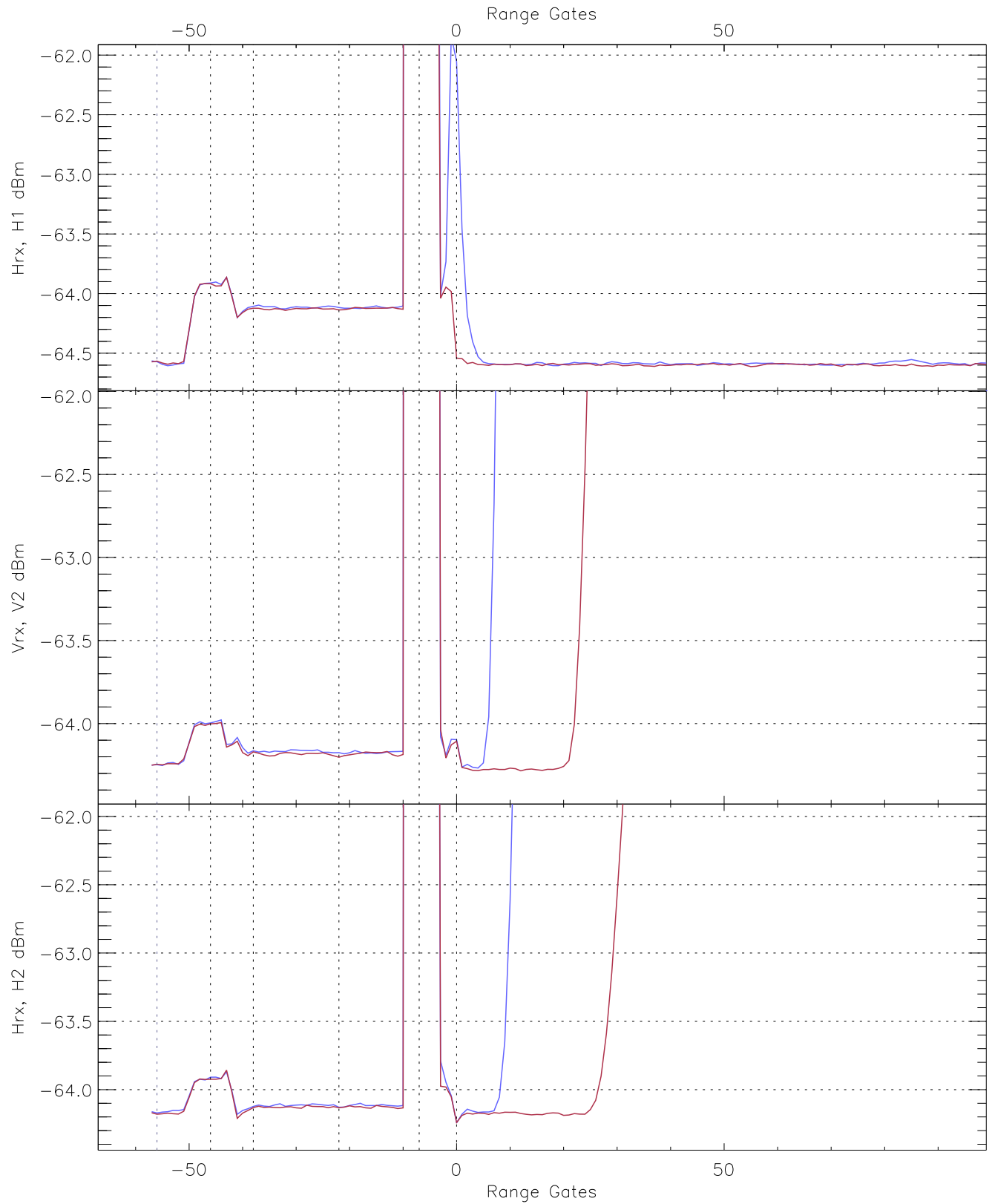
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG145_0 [dBm]	-65.65	-63.56	-64.61	-64.62	-76.18
V2RG157_0 [dBm]	-65.36	-63.25	-64.25	-64.26	-75.91
H2RG200_0 [dBm]	-65.44	-63.07	-64.18	-64.18	-75.74

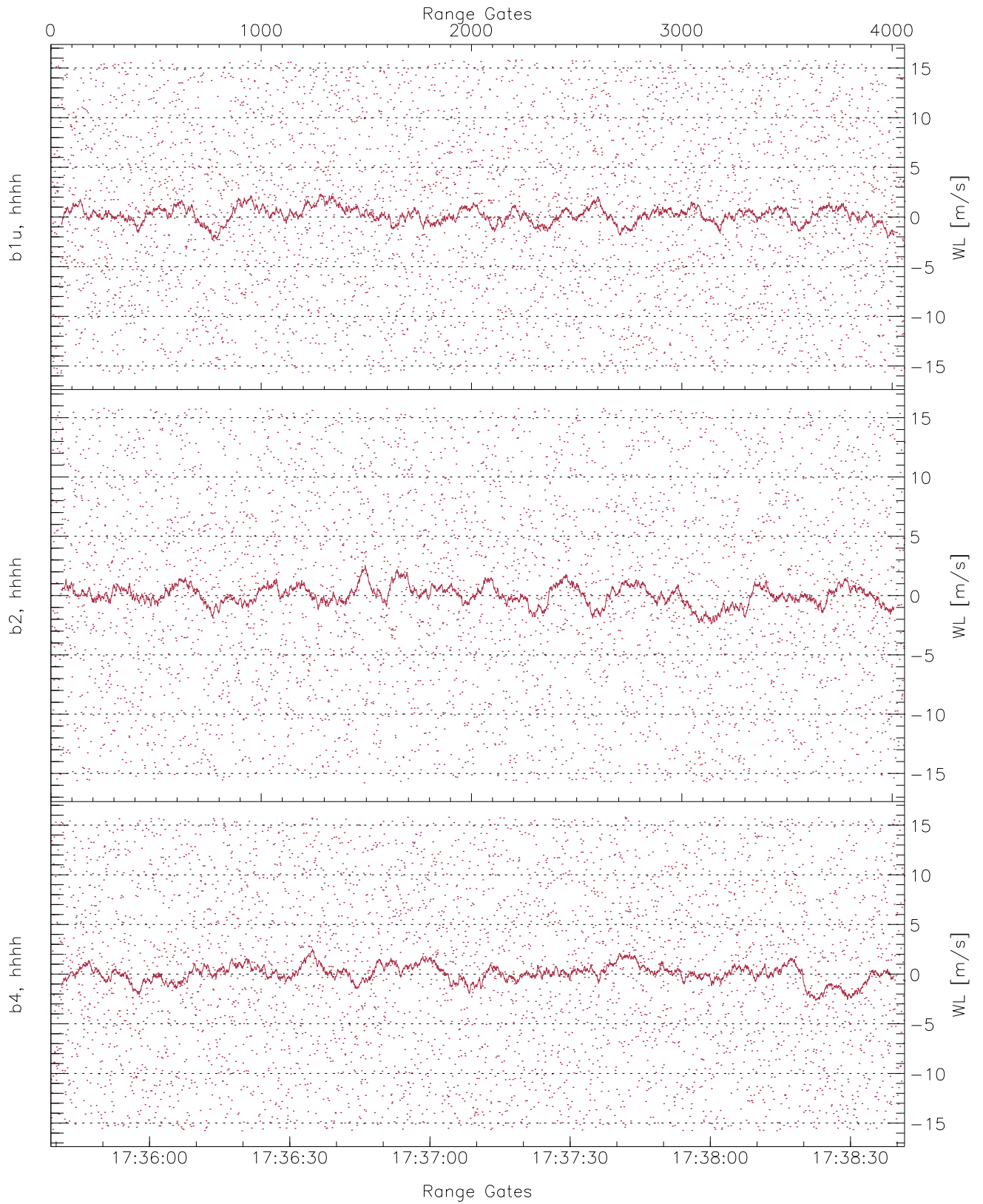




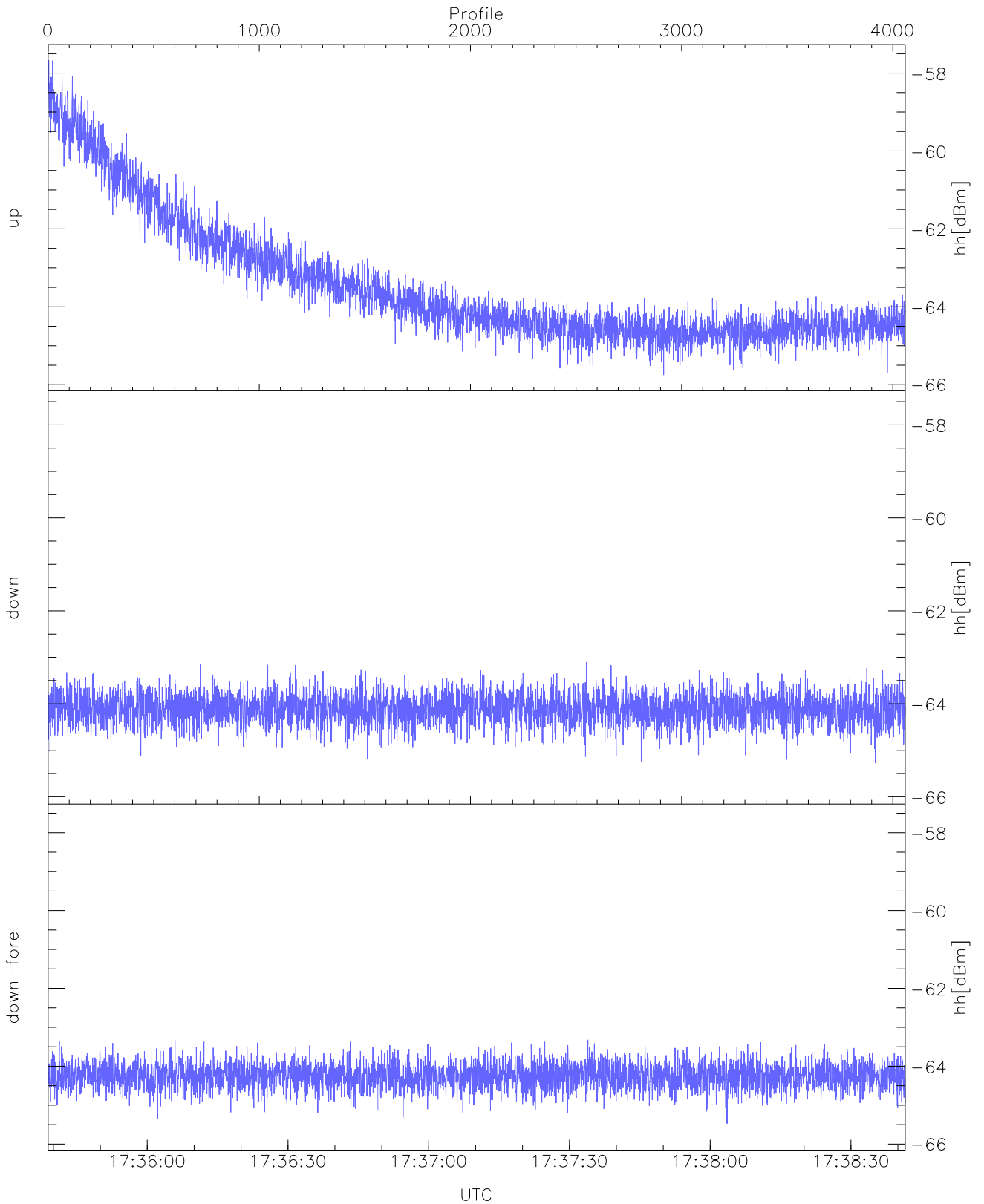
WCR3 CPP Averaged Received power for all recorded gates  
blue: 173539-173710, 2031 profiles averaged  
red: 173710-173842, 2030 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 173539-173710, 2031 profiles averaged  
red: 173710-173842, 2030 profiles averaged

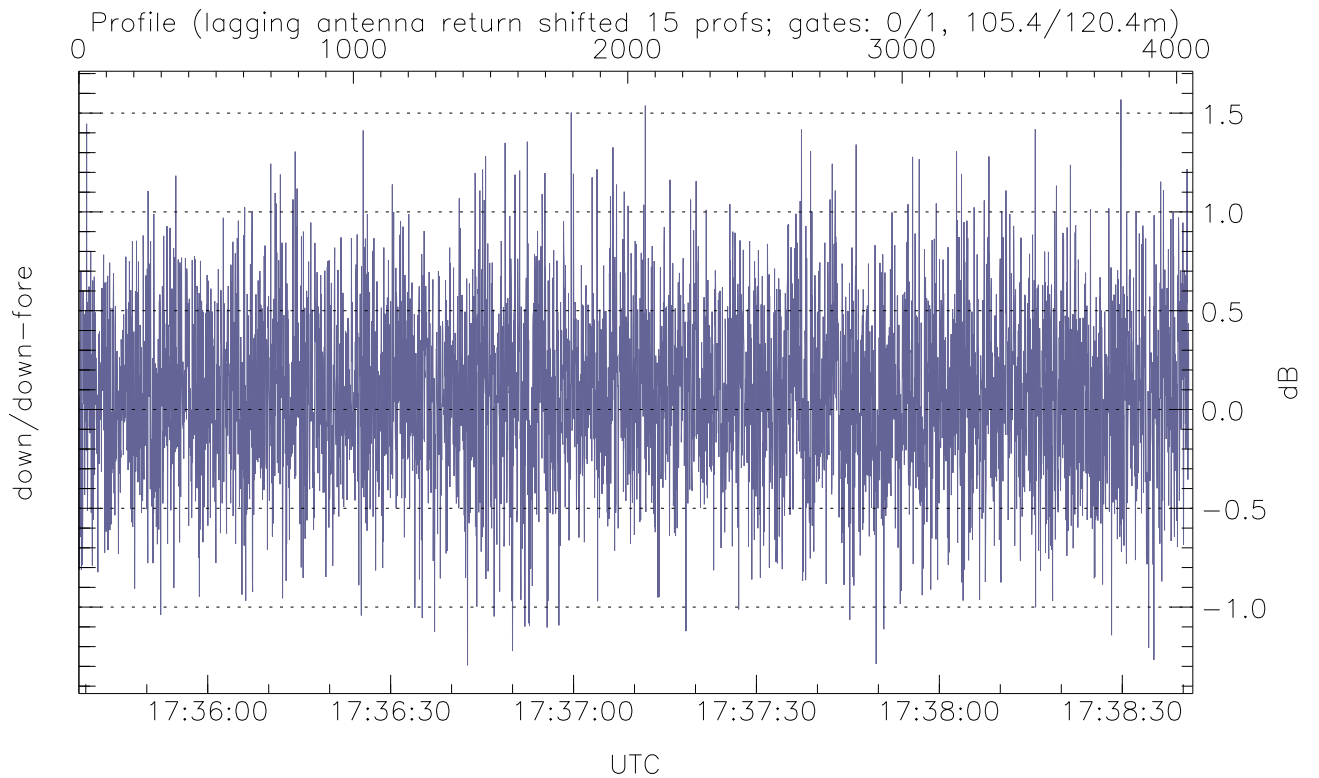
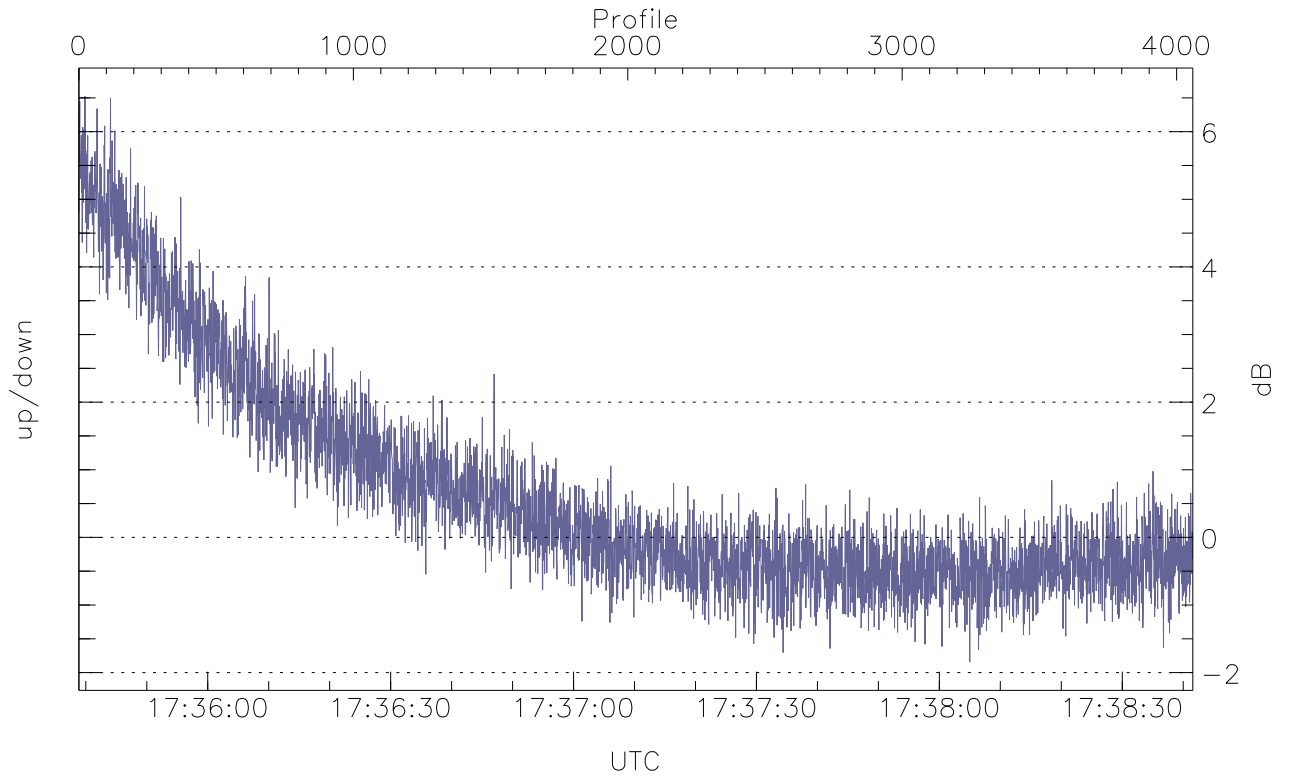


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



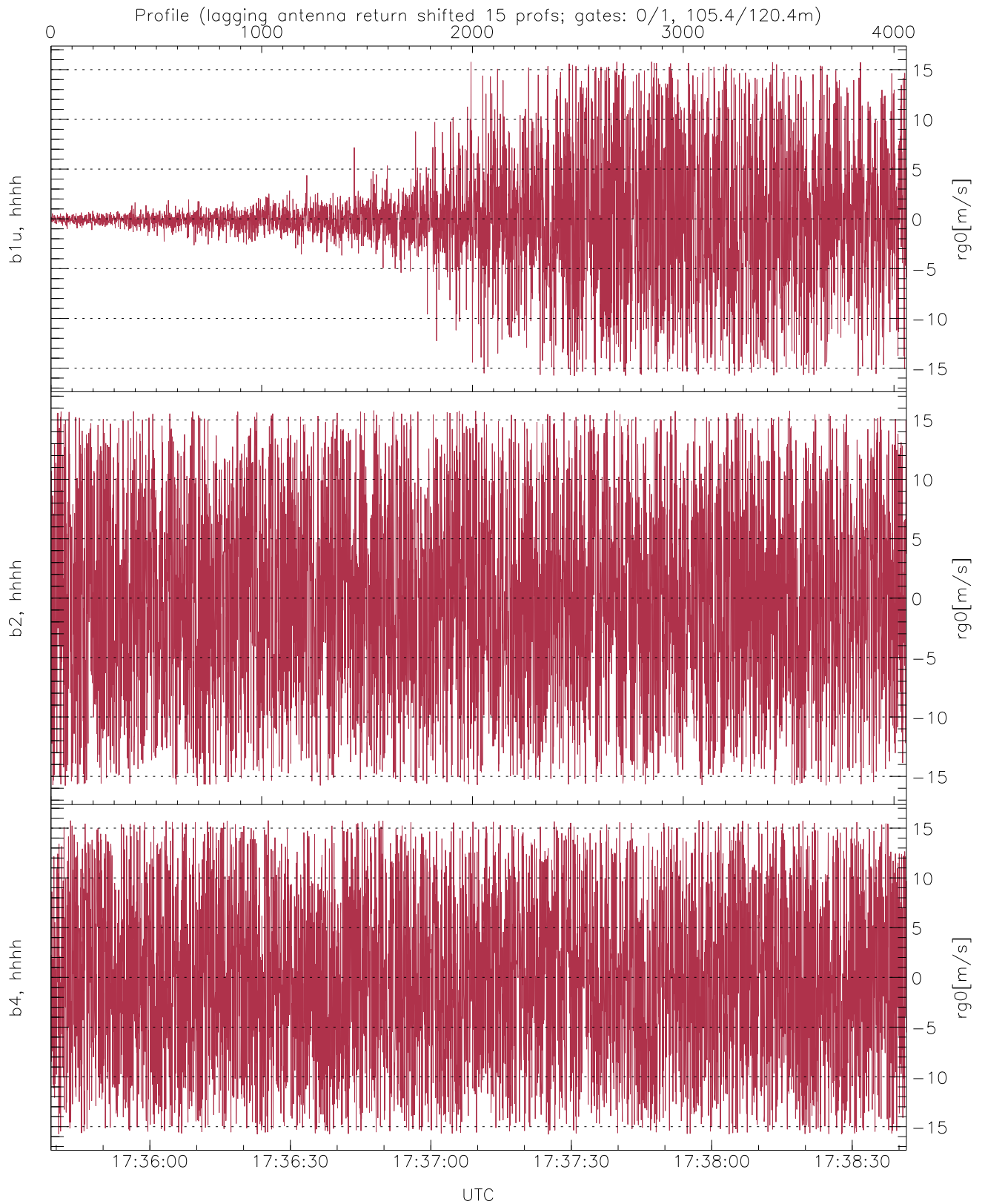
WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.75	-57.67	-63.12
down(hh[dBm])	-65.28	-63.10	-64.10
down-fore(hh[dBm])	-65.47	-63.32	-64.24



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down (dB)	-1.84	6.52	0.65
down/down-fore (dB)	-1.29	1.57	0.08



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.78	15.78	-0.04	5.74
b2, hhhh(rg0[m/s])	-15.79	15.79	-0.12	8.39
b4, hhhh(rg0[m/s])	-15.78	15.79	-0.28	8.72