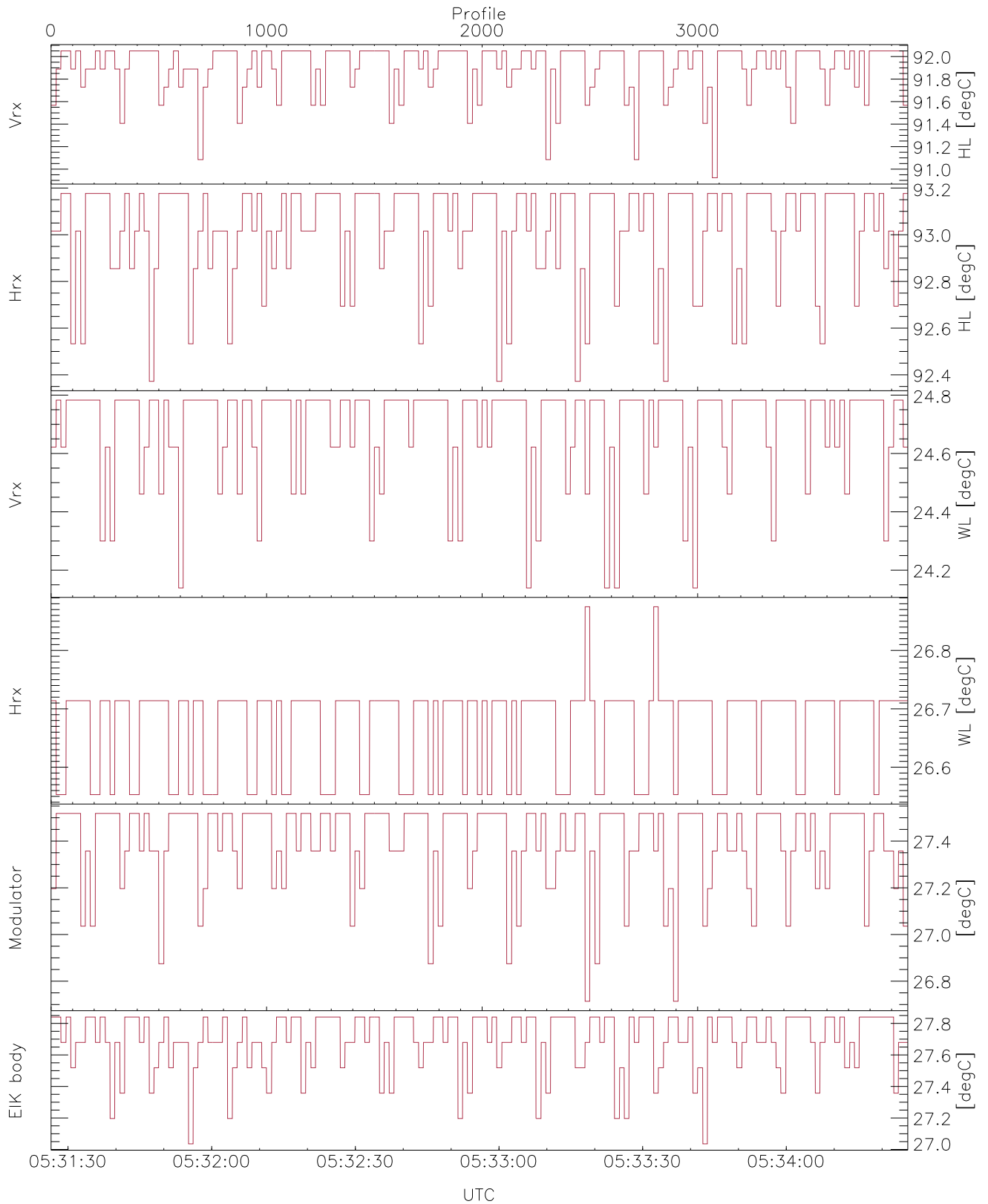


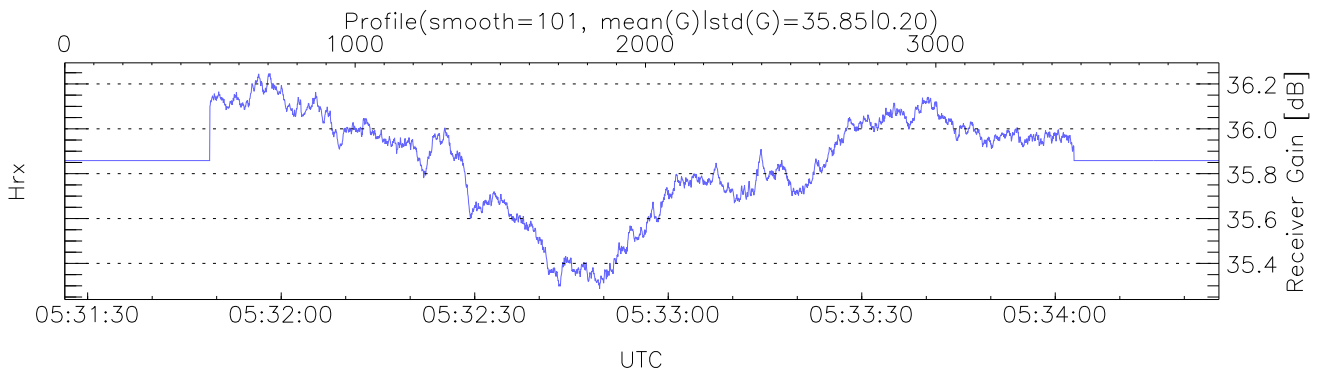
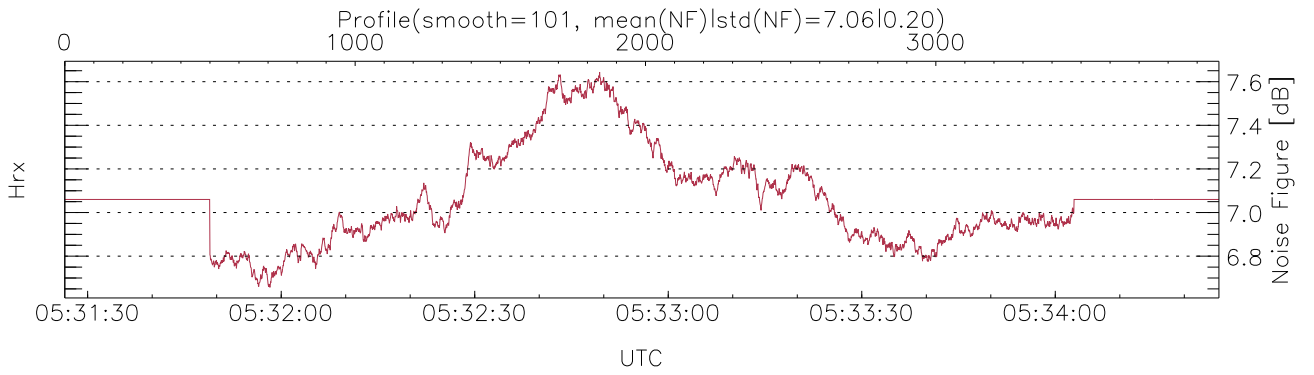
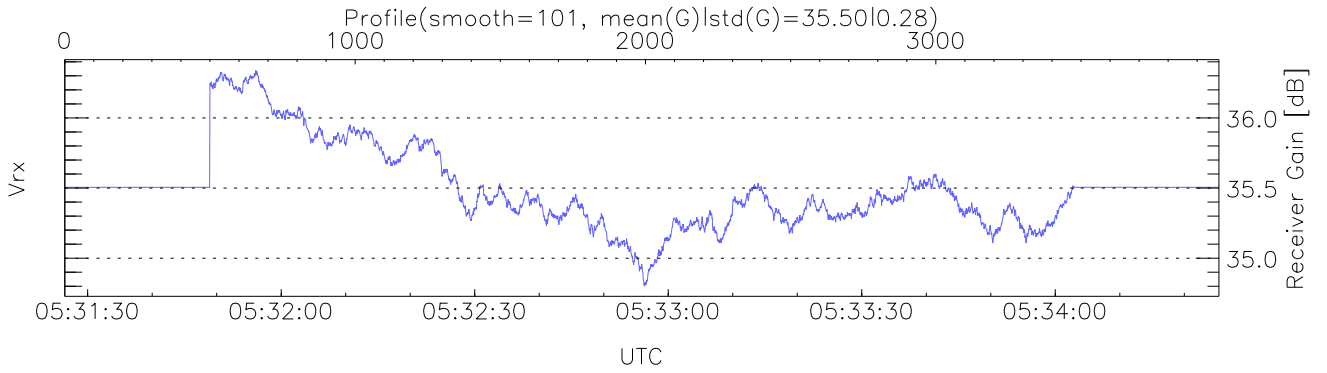
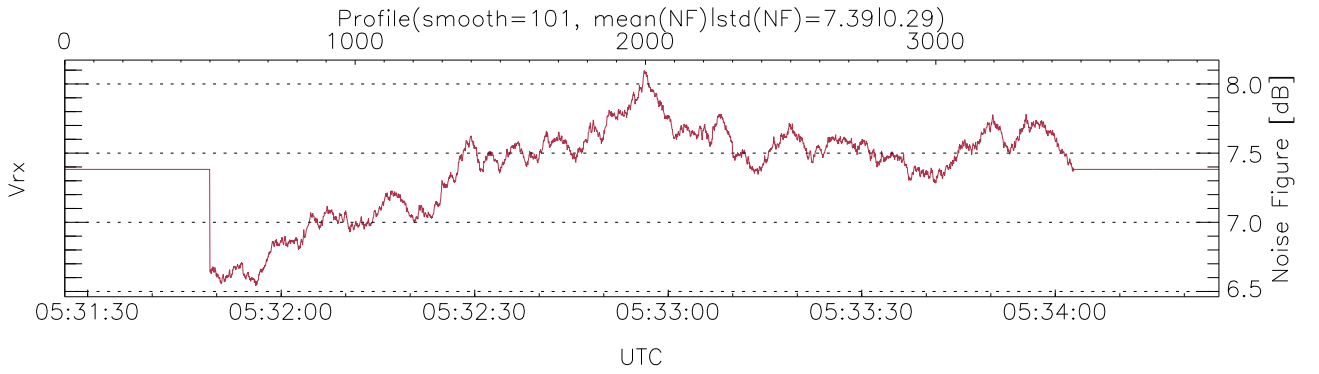
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 05:31:26-05:34:25, TimeCor: 0.00s, Dur: 178.92s  
 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): 3976/3976, 0-3975/05:31:26-05:34:25  
 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



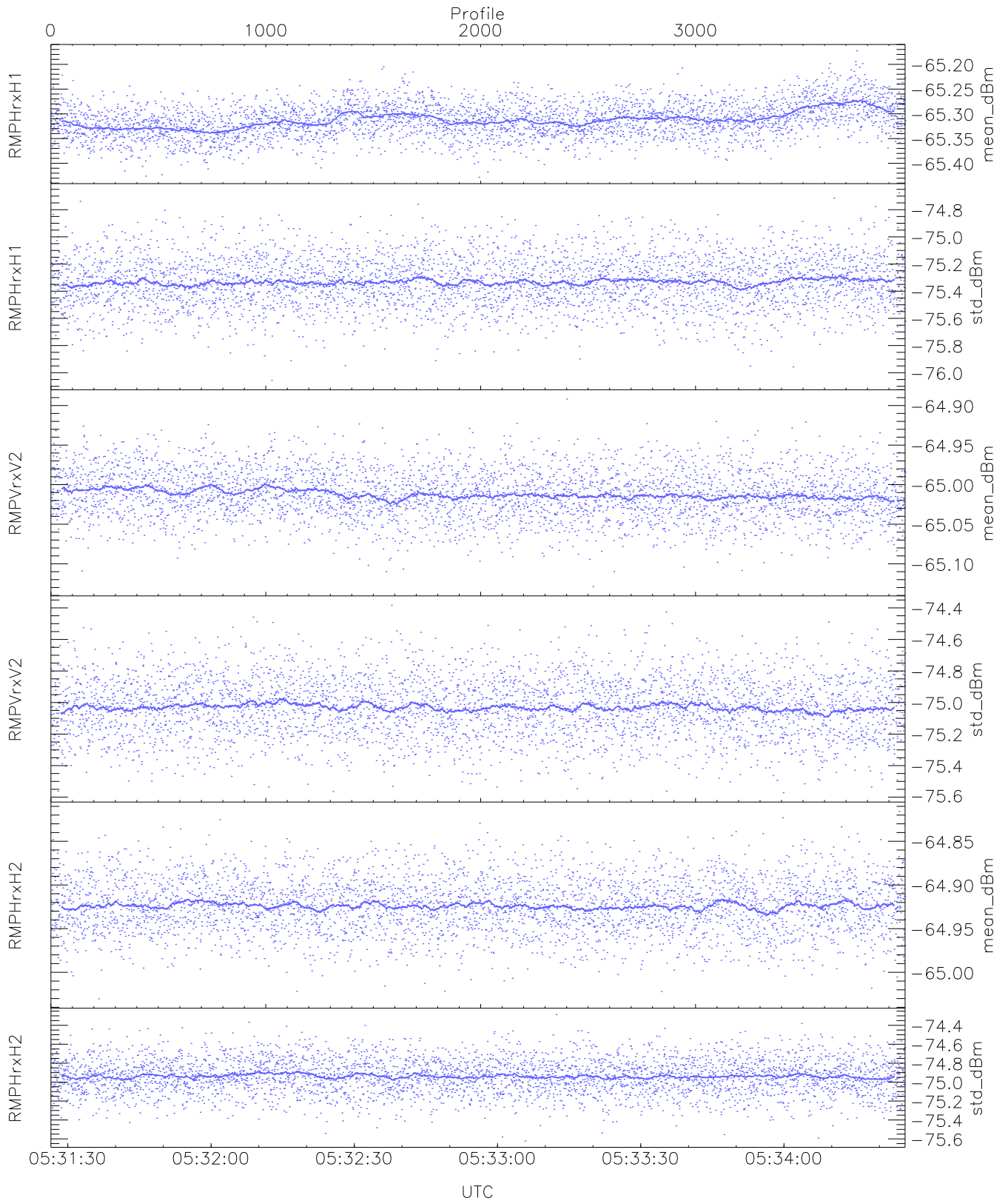
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,26,26,27`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,27,27`  
`LOalarm(20,240,2817,14861 MHz): 0,0,24,0`  
`EIK/Modulator Faults: None`



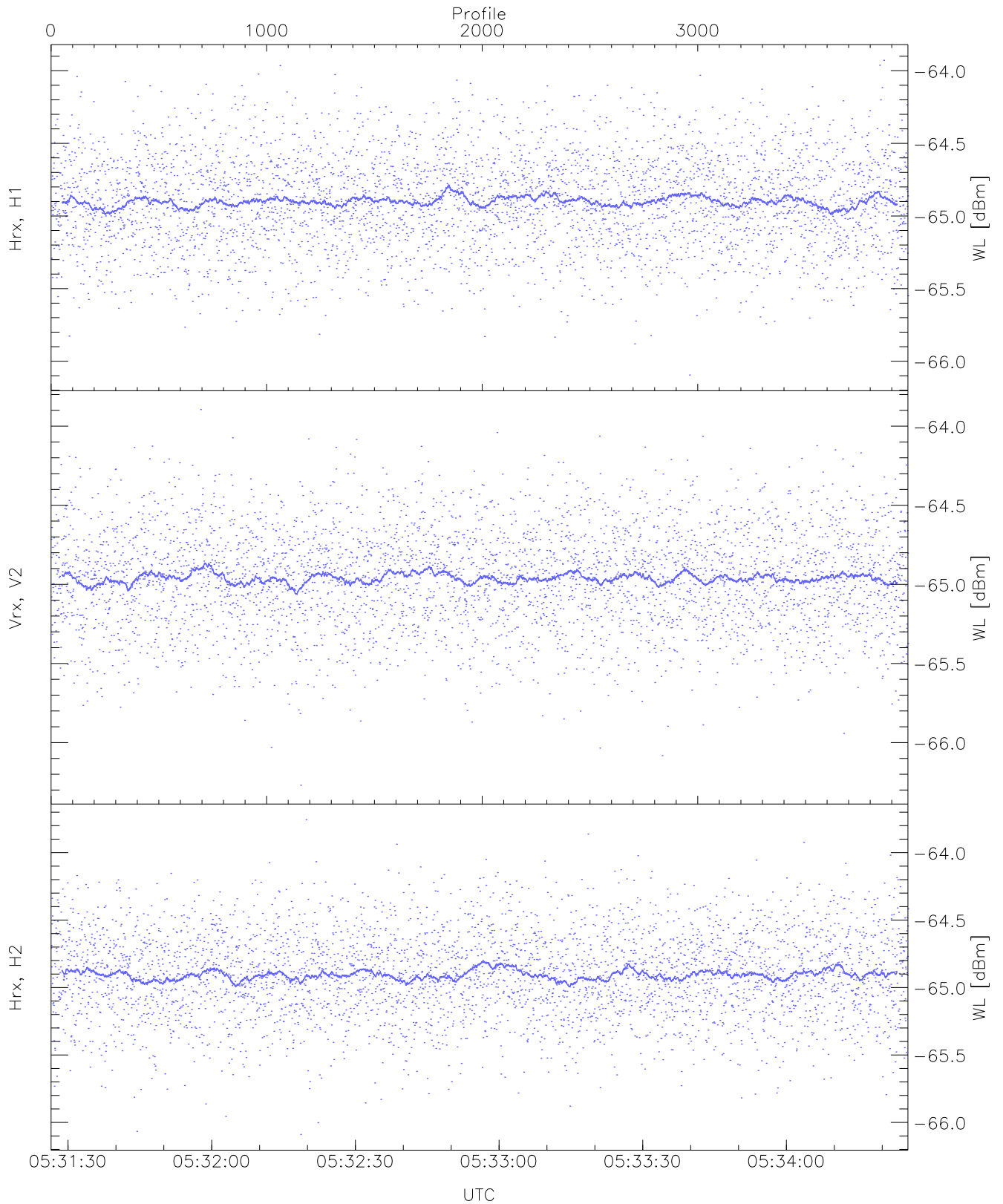
### WCR3 CPP Receivers Gain and Noise Figure

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



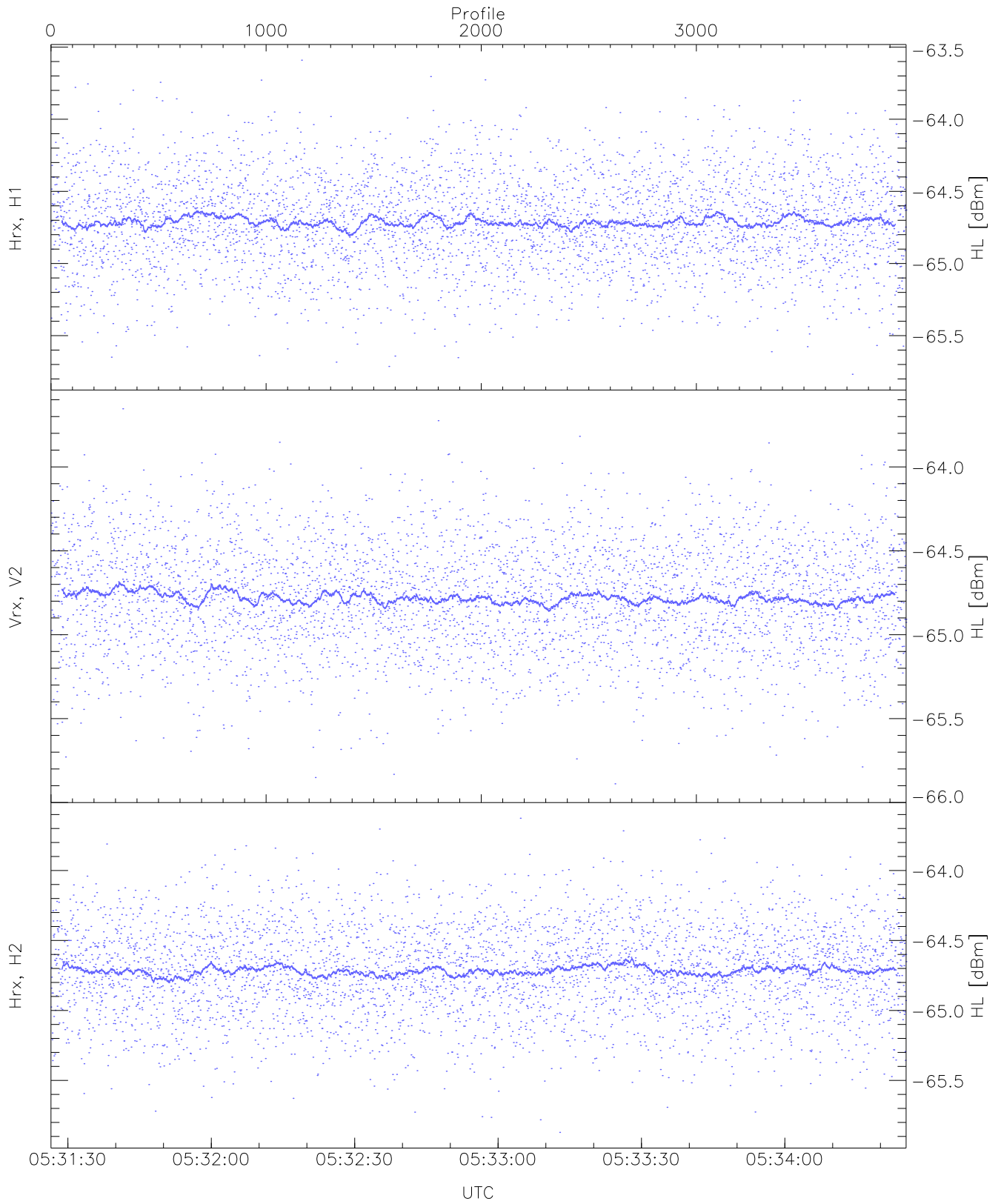
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.43	-65.17	-65.31	-65.31	-86.46
RMPHrxH1(std_dBm)	-76.06	-74.68	-75.33	-75.34	-89.08
RMPVrxV2(mean_dBm)	-65.13	-64.89	-65.01	-65.01	-86.62
RMPVrxV2(std_dBm)	-75.57	-74.38	-75.03	-75.03	-88.79
RMPHrxH2(mean_dBm)	-65.03	-64.82	-64.92	-64.92	-86.52
RMPHrxH2(std_dBm)	-75.62	-74.29	-74.94	-74.94	-88.81



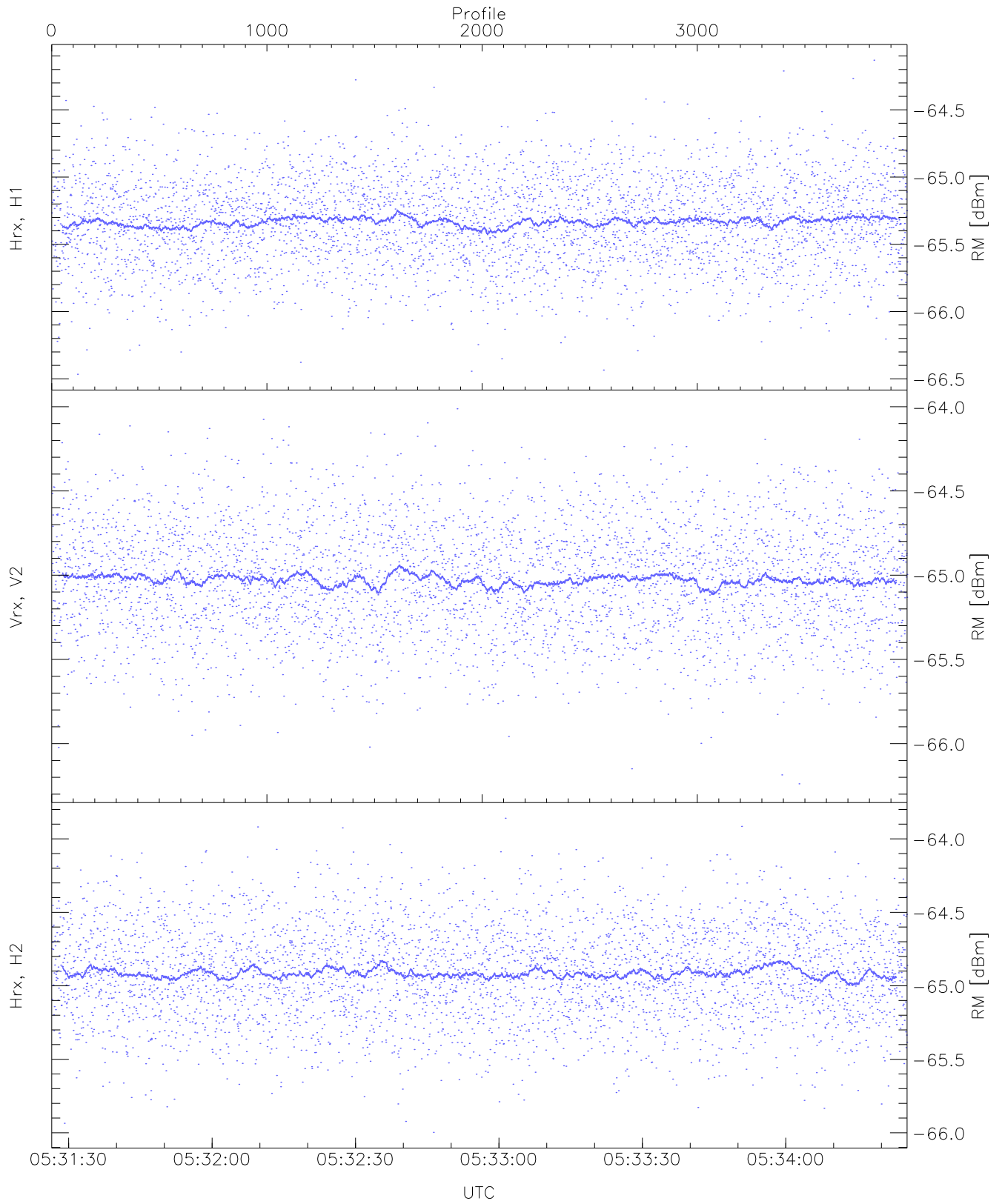
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.09	-63.93	-64.89	-64.91	-76.40
Vrx, V2 (WL [dBm])	-66.27	-63.89	-64.95	-64.95	-76.46
Hrx, H2 (WL [dBm])	-66.09	-63.76	-64.90	-64.91	-76.37



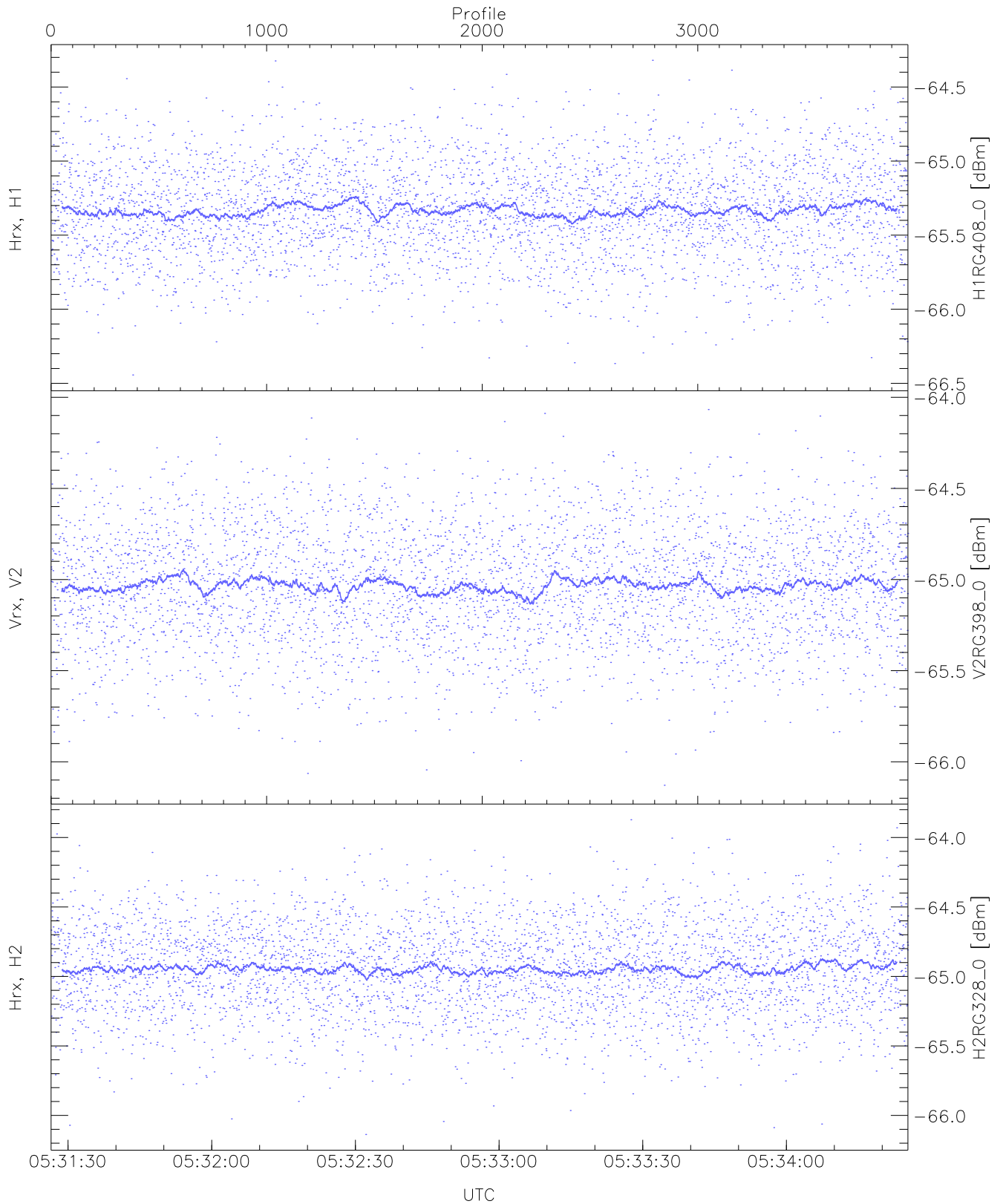
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.77	-63.59	-64.70	-64.71	-76.23
Vrx, V2 (HL [dBm])	-65.89	-63.65	-64.77	-64.78	-76.30
Hrx, H2 (HL [dBm])	-65.87	-63.63	-64.71	-64.71	-76.20



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

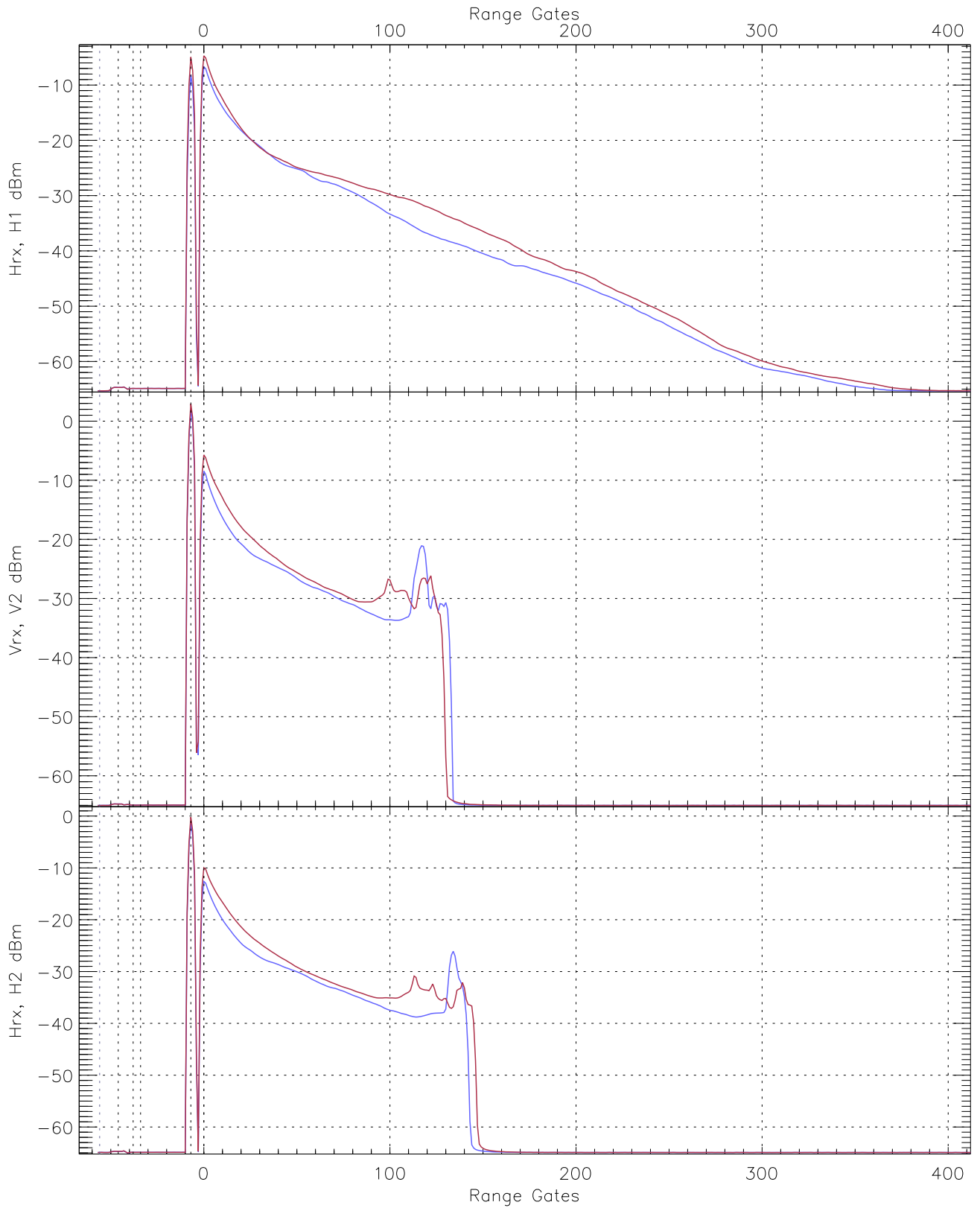
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.47	-64.13	-65.32	-65.33	-76.75
Vrx, V2 (RM [dBm])	-66.24	-64.01	-65.02	-65.02	-76.45
Hrx, H2 (RM [dBm])	-66.00	-63.86	-64.91	-64.91	-76.39



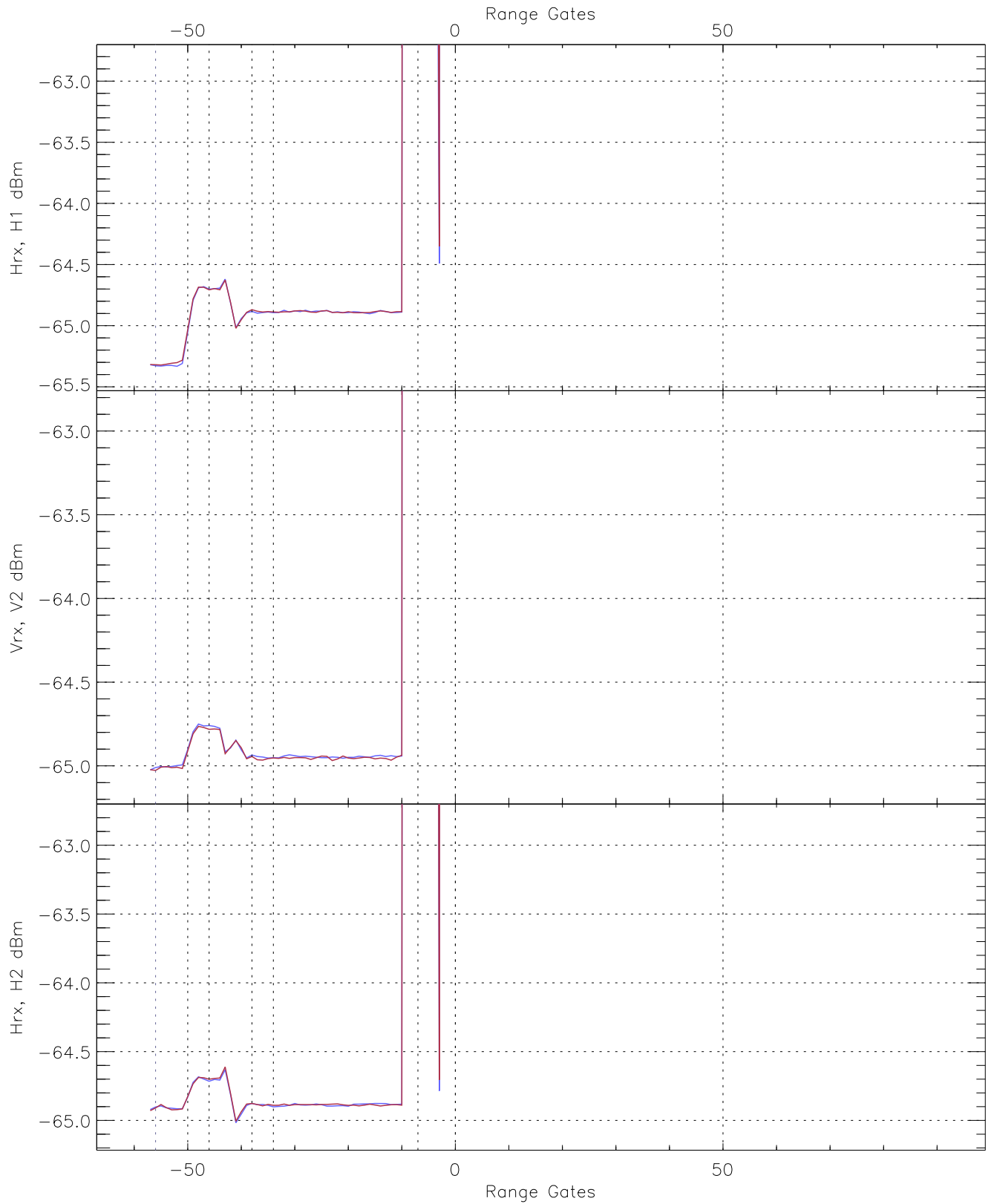
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG408_0 [dBm]	-66.44	-64.32	-65.32	-65.33	-76.83
V2RG398_0 [dBm]	-66.13	-64.07	-65.02	-65.04	-76.55
H2RG328_0 [dBm]	-66.14	-63.87	-64.94	-64.94	-76.39

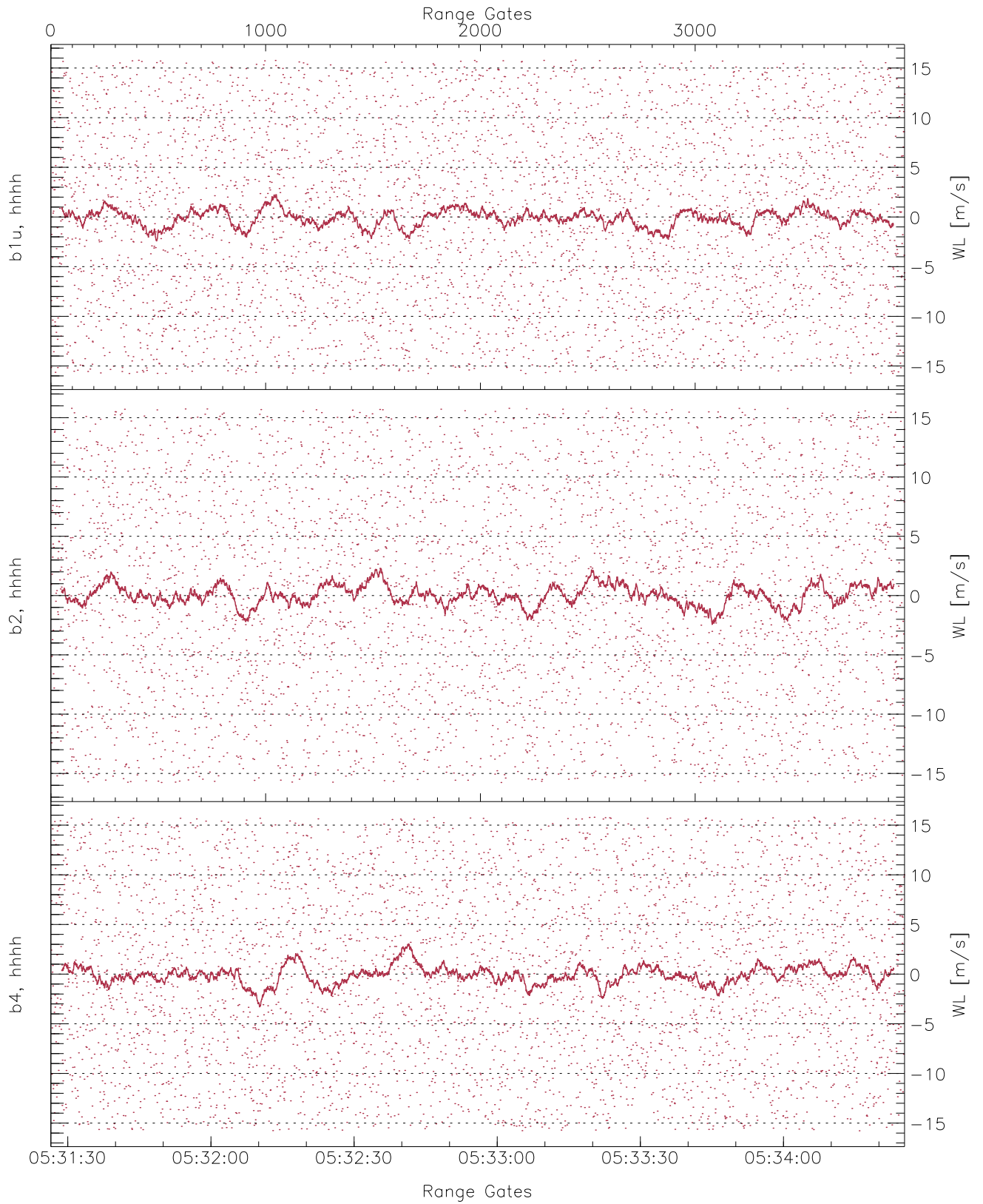




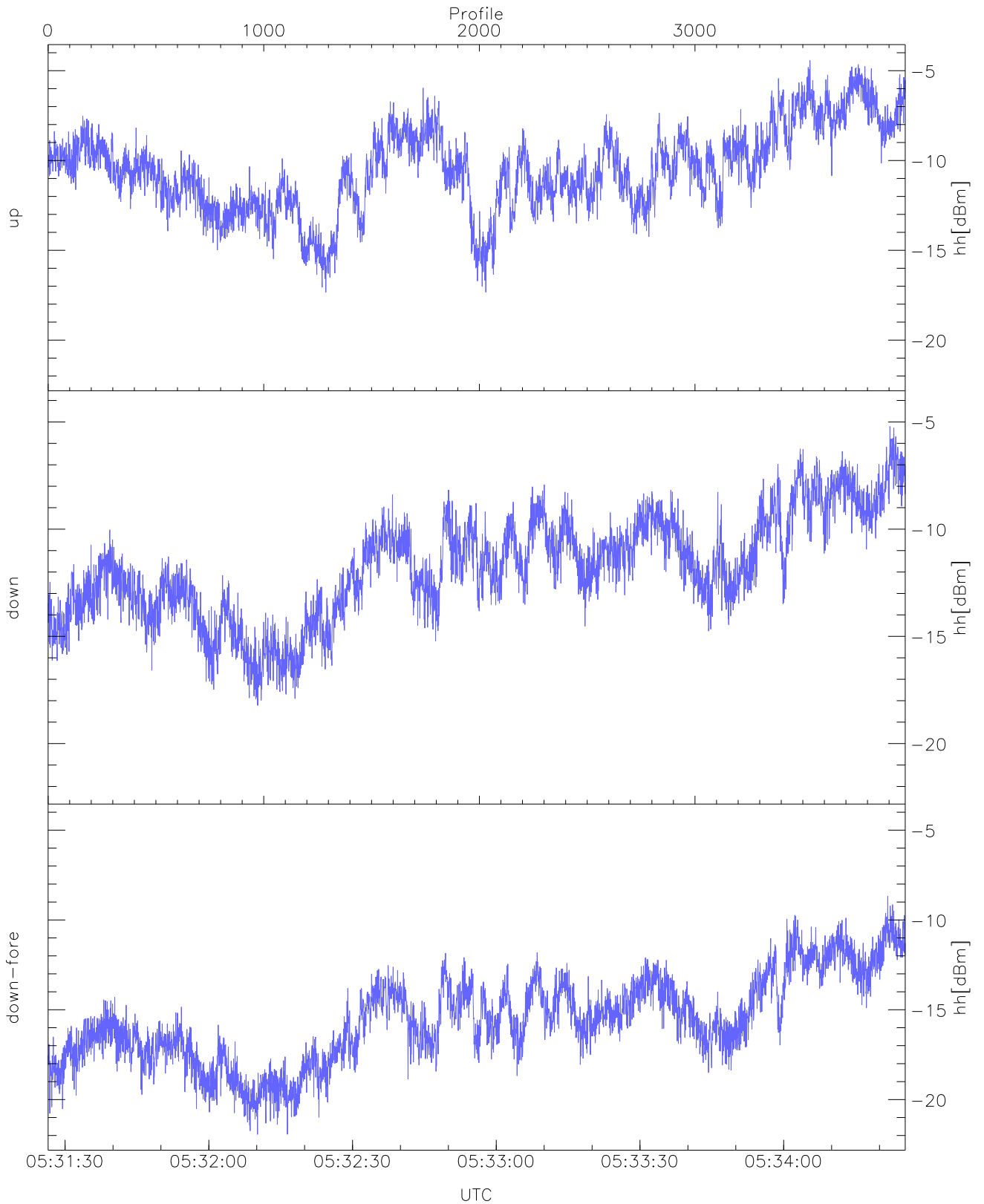
WCR3 CPP Averaged Received power for all recorded gates  
blue: 053126-053256, 1989 profiles averaged  
red: 053256-053425, 1988 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 053126-053256, 1989 profiles averaged  
red: 053256-053425, 1988 profiles averaged

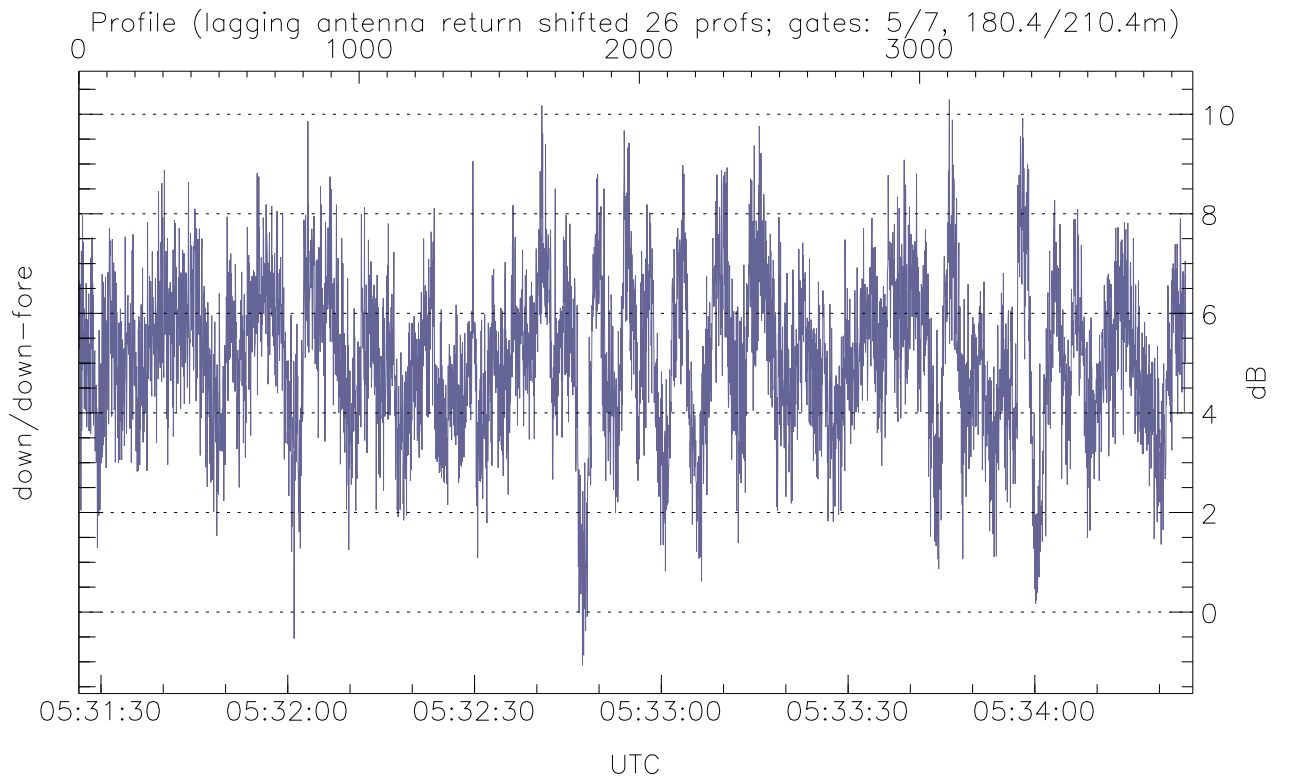
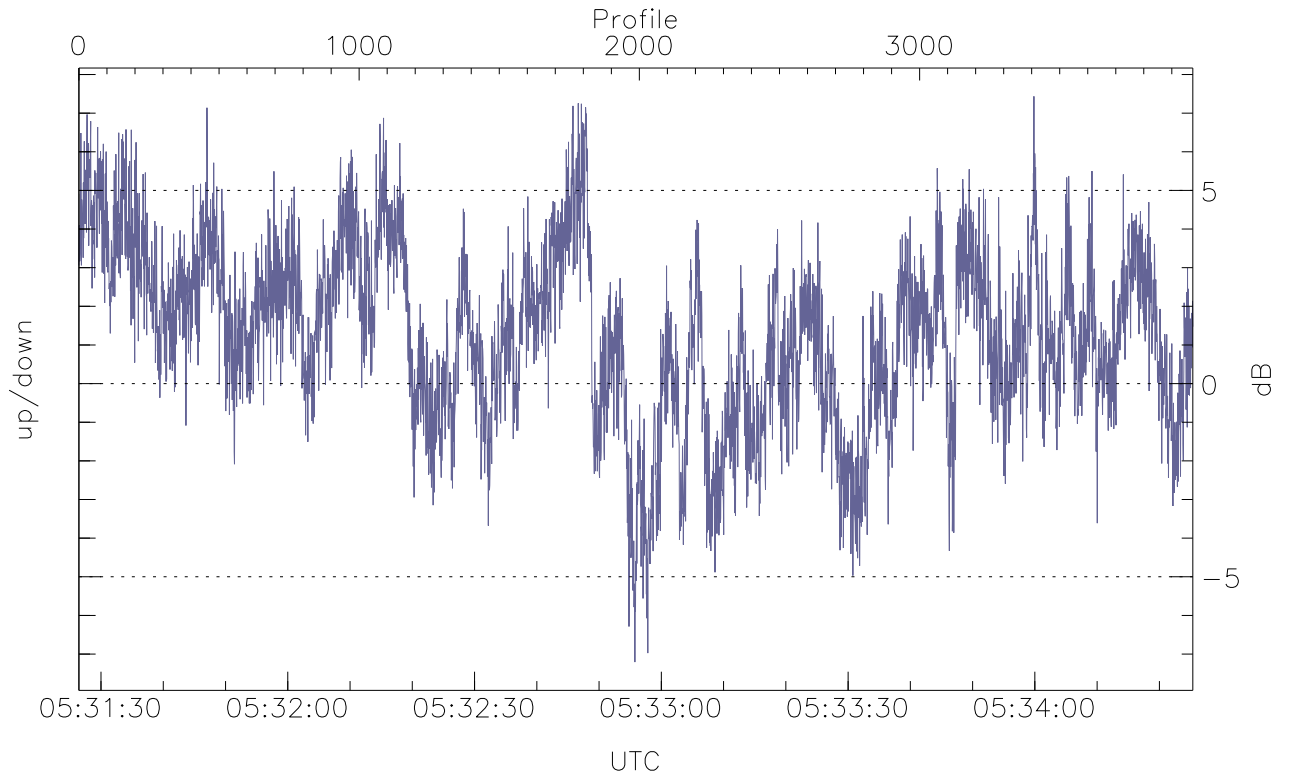


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



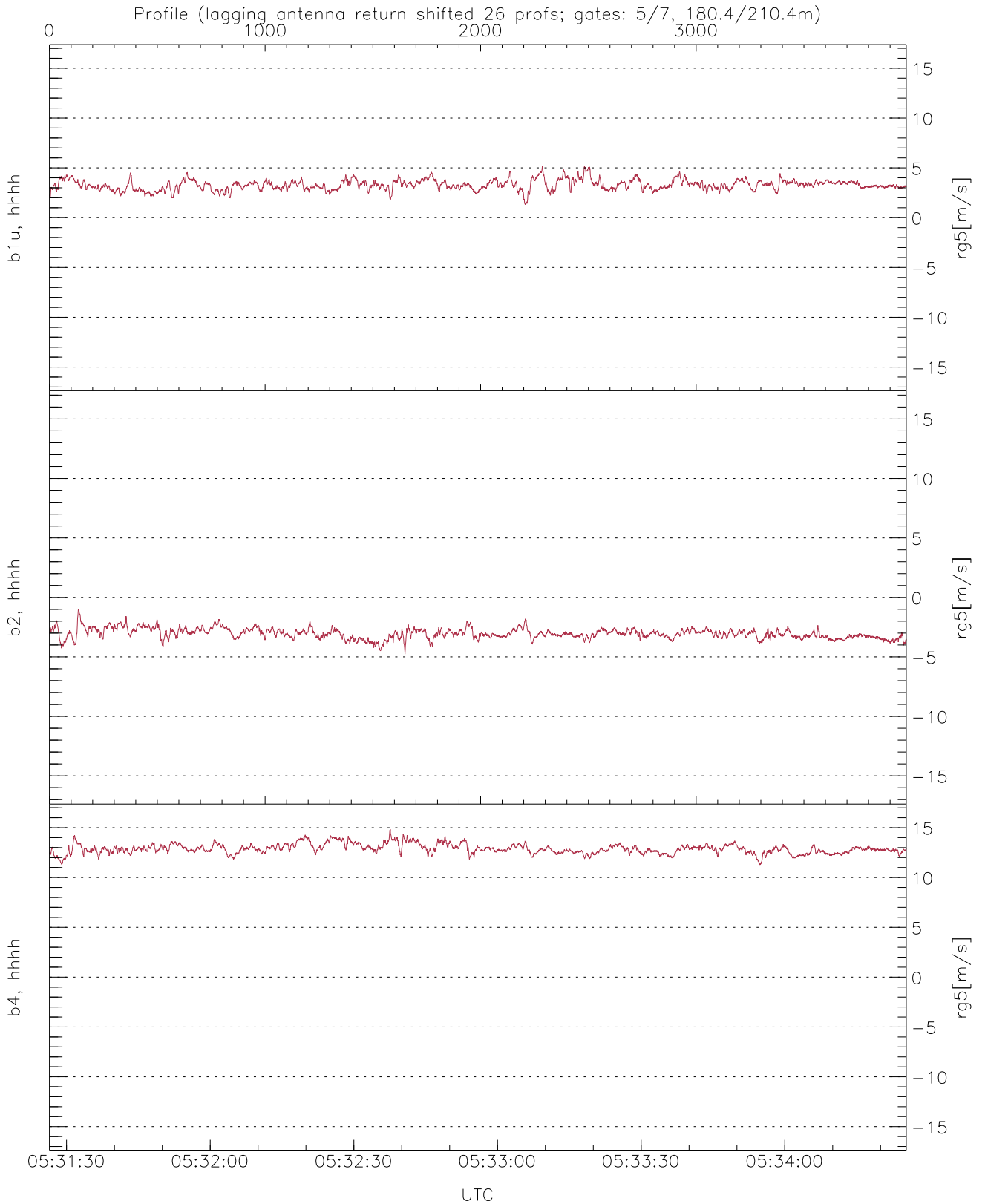
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-17.34	-4.42	-9.90
down(hh[dBm])	-18.22	-5.21	-11.11
down-fore(hh[dBm])	-21.94	-8.68	-14.90



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

	Min	Max	Mean
up/down (dB)	-7.21	7.44	1.26
down/down-fore (dB)	-1.07	10.30	5.11



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.32	5.16	3.28	0.51
b2, hhhh(rg5[m/s])	-4.77	-0.98	-3.05	0.43
b4, hhhh(rg5[m/s])	11.27	14.83	12.87	0.49