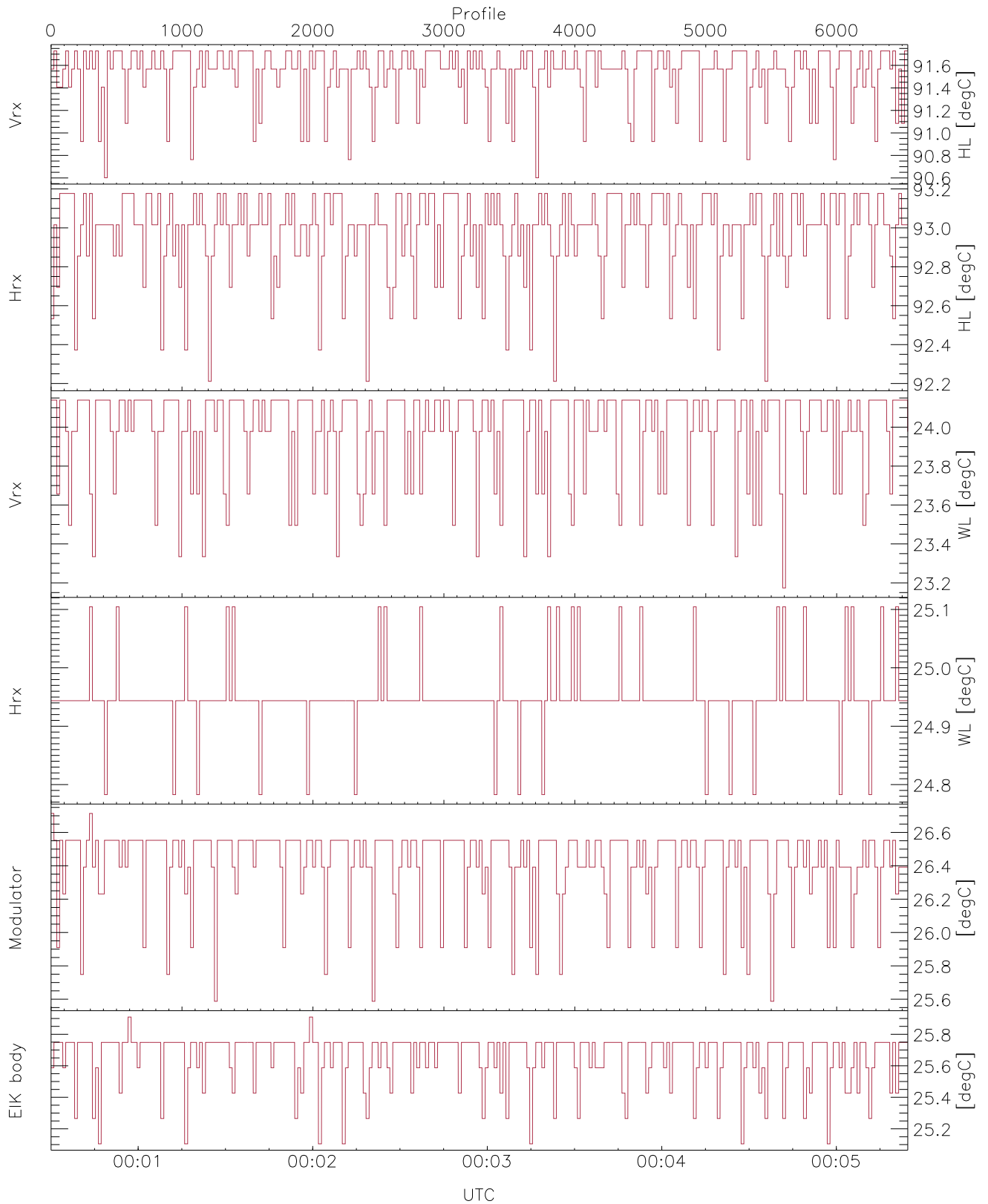


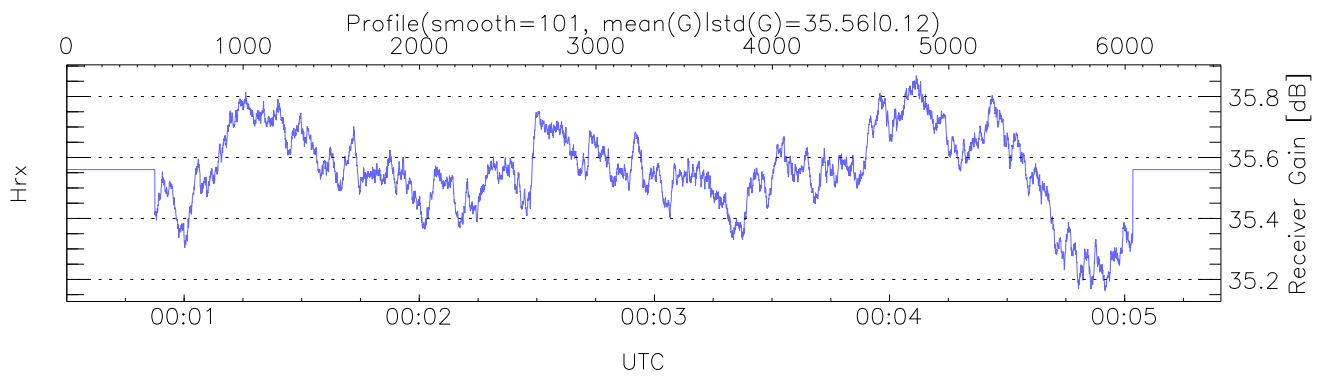
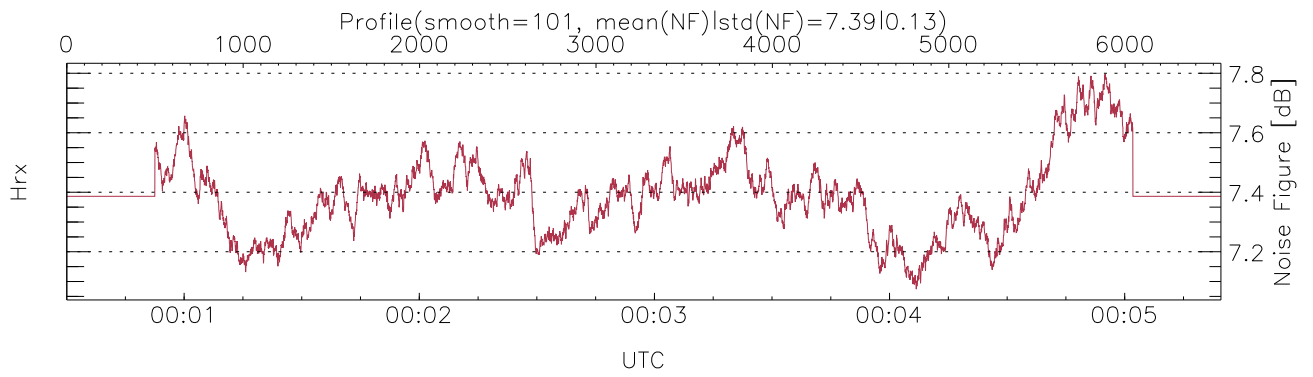
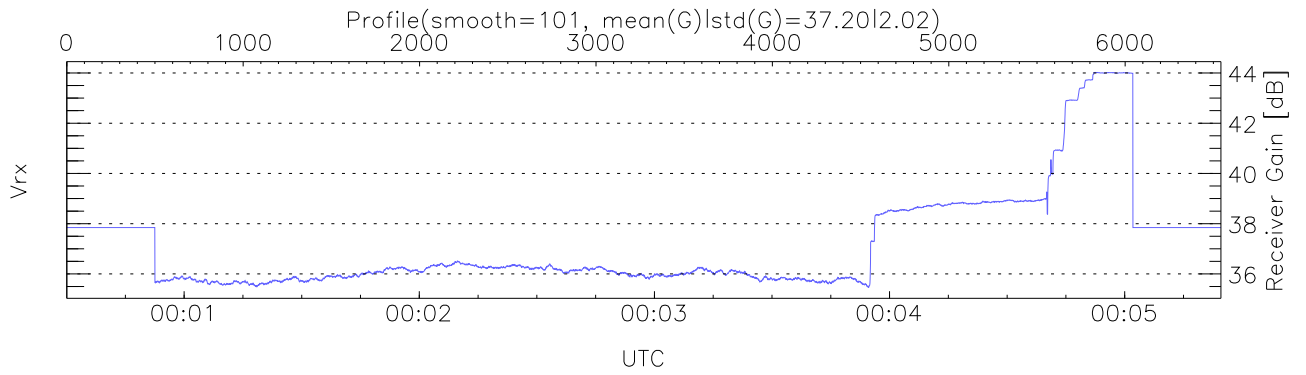
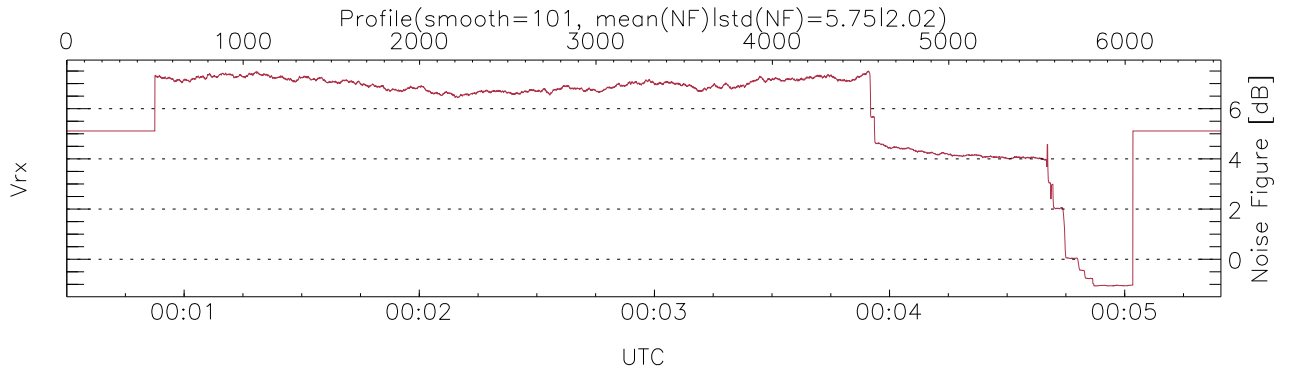
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:00:30-00:05:25, TimeCor: 0.00s, Dur: 294.51s  
 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): 6544/6544, 0-6543/00:00:30-00:05:25  
 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



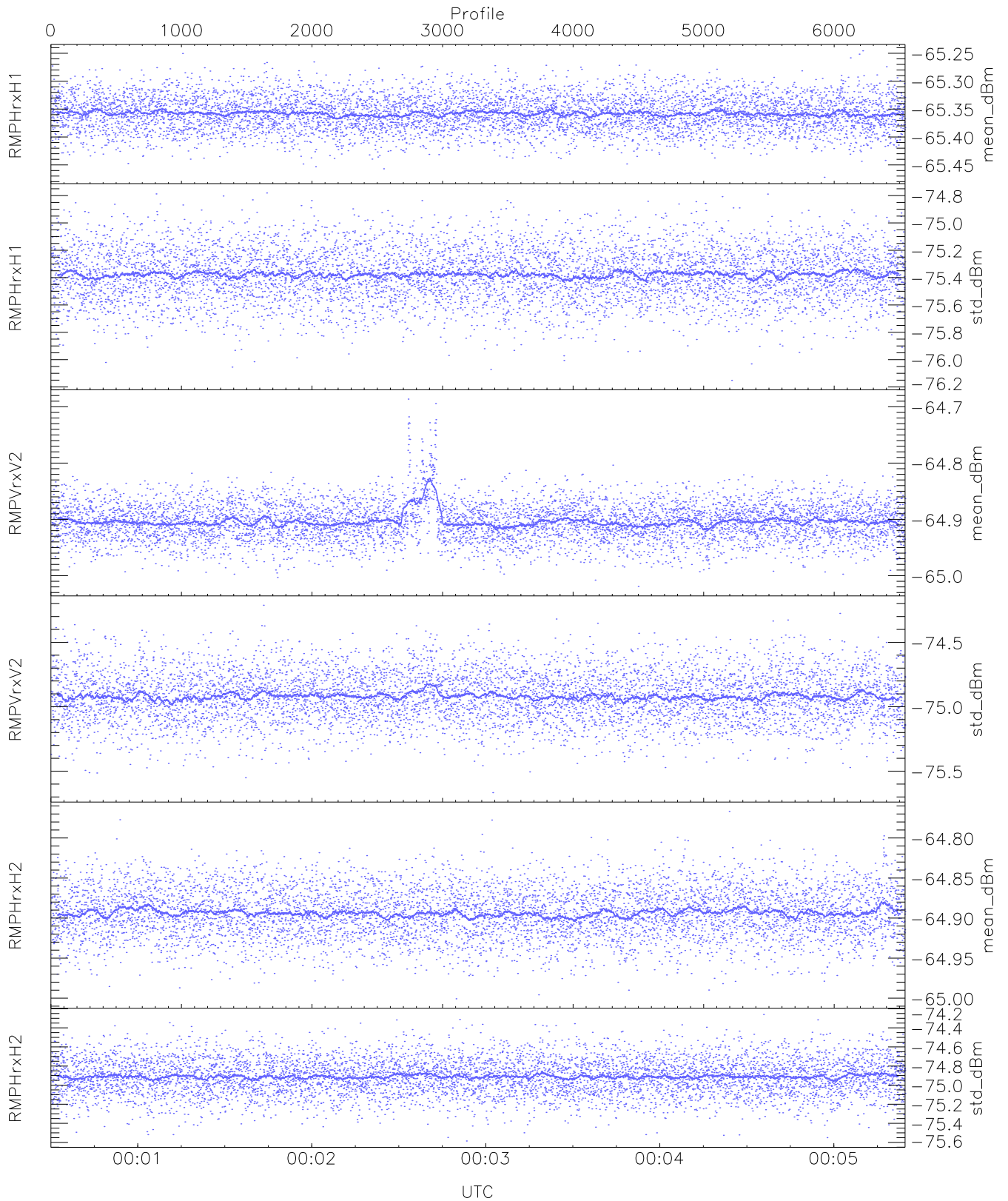
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,24,25,25  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,24,25,26,25  
LOalarm(20,240,2817,14861 MHz): None  
EIK/Modulator Faults: None



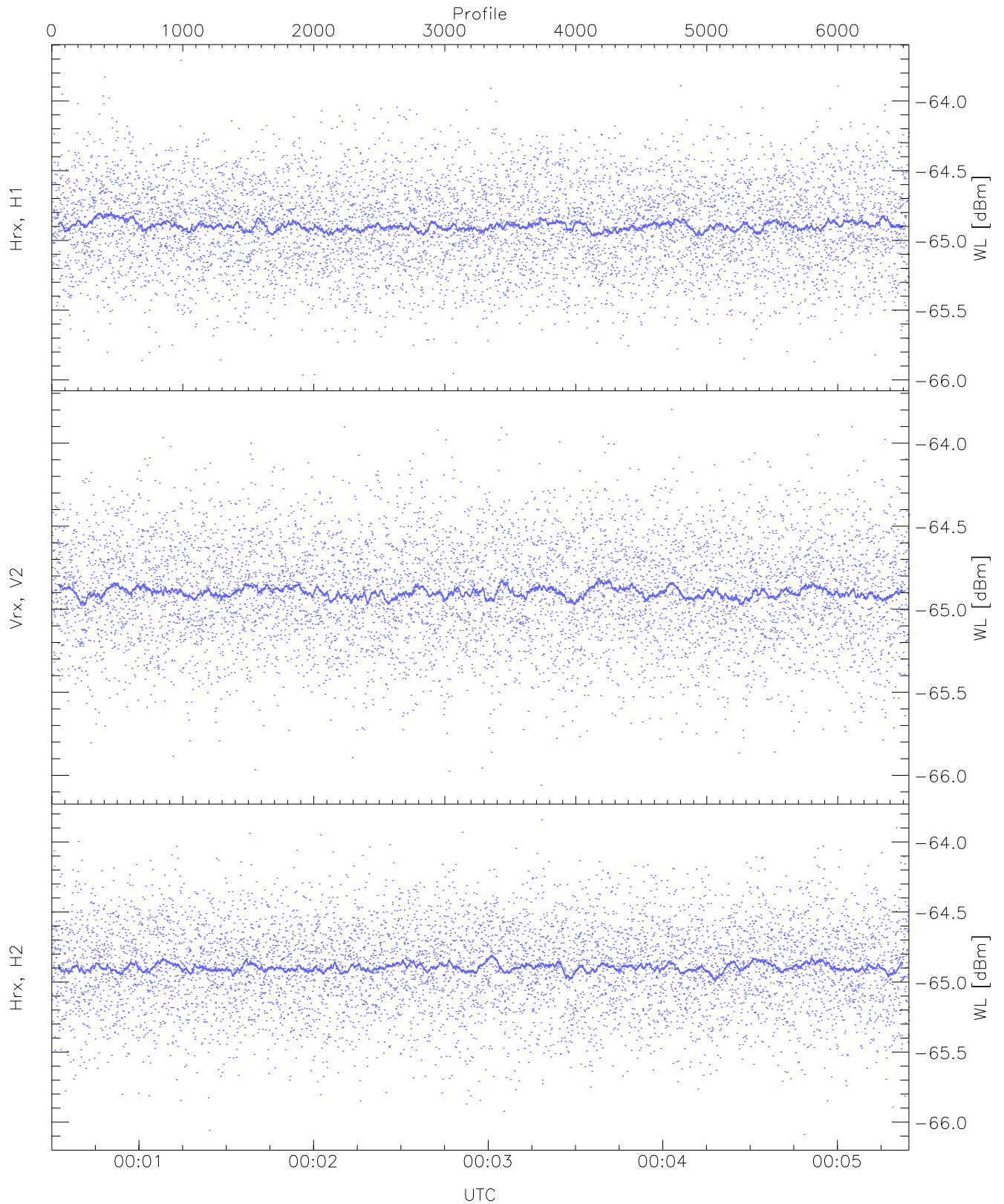
WCR3 CPP Receivers Gain and Noise Figure

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



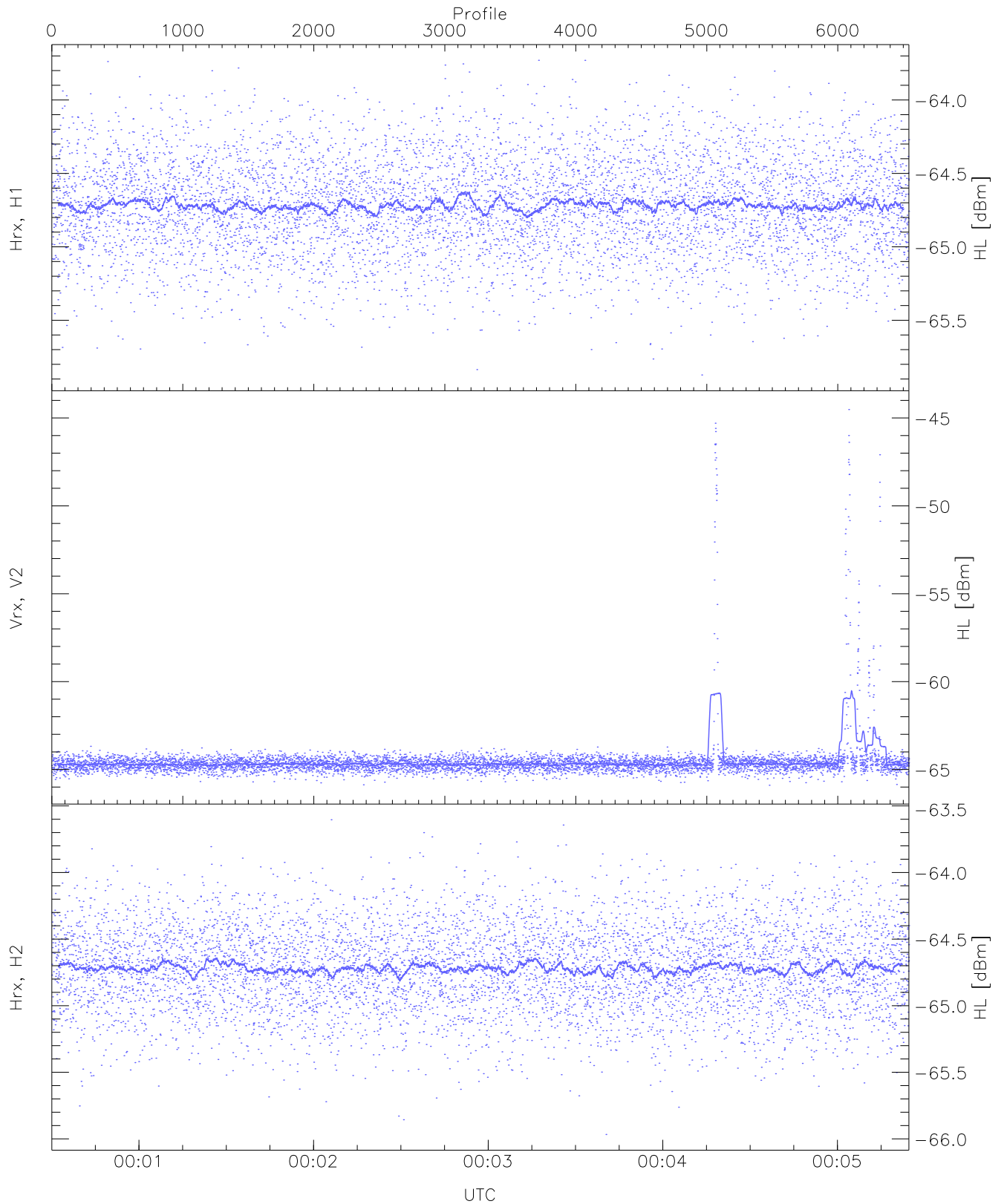
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.47	-65.25	-65.36	-65.36	-87.00
RMPHrxH1(std_dBm)	-76.15	-74.78	-75.37	-75.38	-89.09
RMPVrxV2(mean_dBm)	-65.02	-64.69	-64.90	-64.90	-86.04
RMPVrxV2(std_dBm)	-75.67	-74.21	-74.92	-74.92	-88.63
RMPHrxH2(mean_dBm)	-65.00	-64.77	-64.89	-64.89	-86.53
RMPHrxH2(std_dBm)	-75.59	-74.26	-74.91	-74.91	-88.67



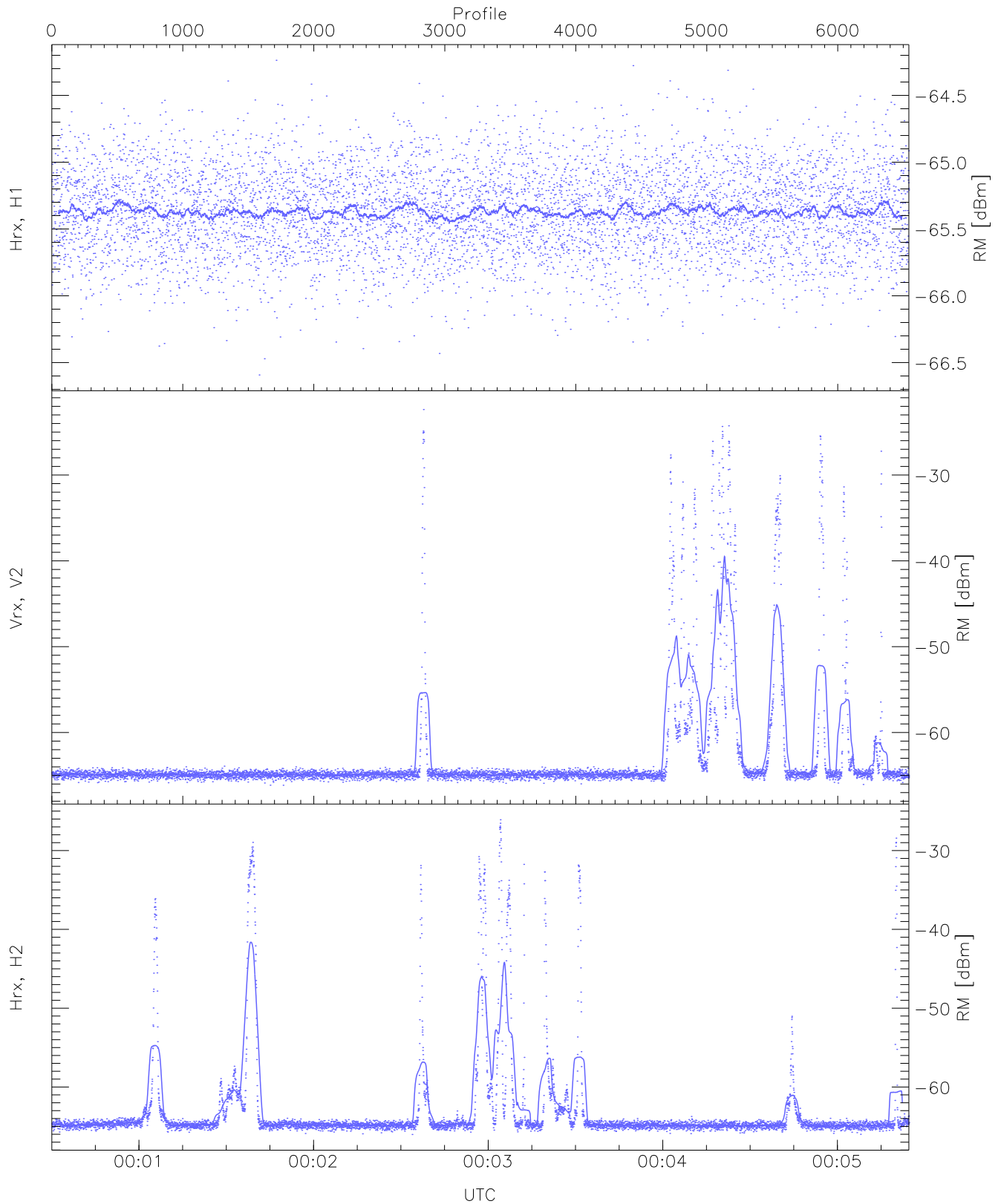
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.96	-63.71	-64.89	-64.89	-76.41
Vrx, V2 (WL [dBm])	-66.06	-63.80	-64.89	-64.90	-76.45
Hrx, H2 (WL [dBm])	-66.09	-63.84	-64.89	-64.89	-76.46



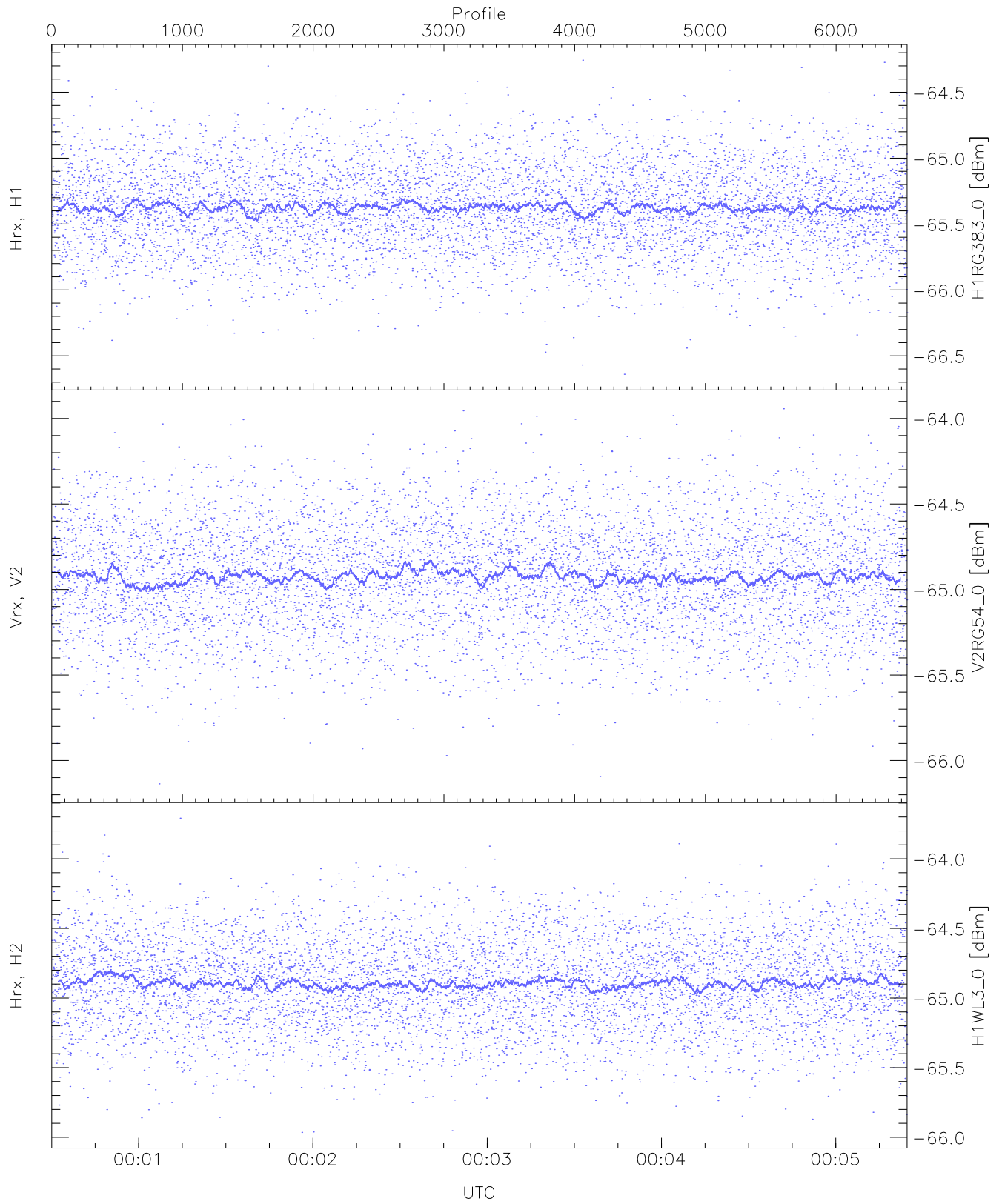
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.87	-63.73	-64.71	-64.72	-76.20
Vrx, V2 (HL [dBm])	-65.90	-44.52	-63.50	-64.69	-58.81
Hrx, H2 (HL [dBm])	-65.97	-63.60	-64.71	-64.71	-76.22



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

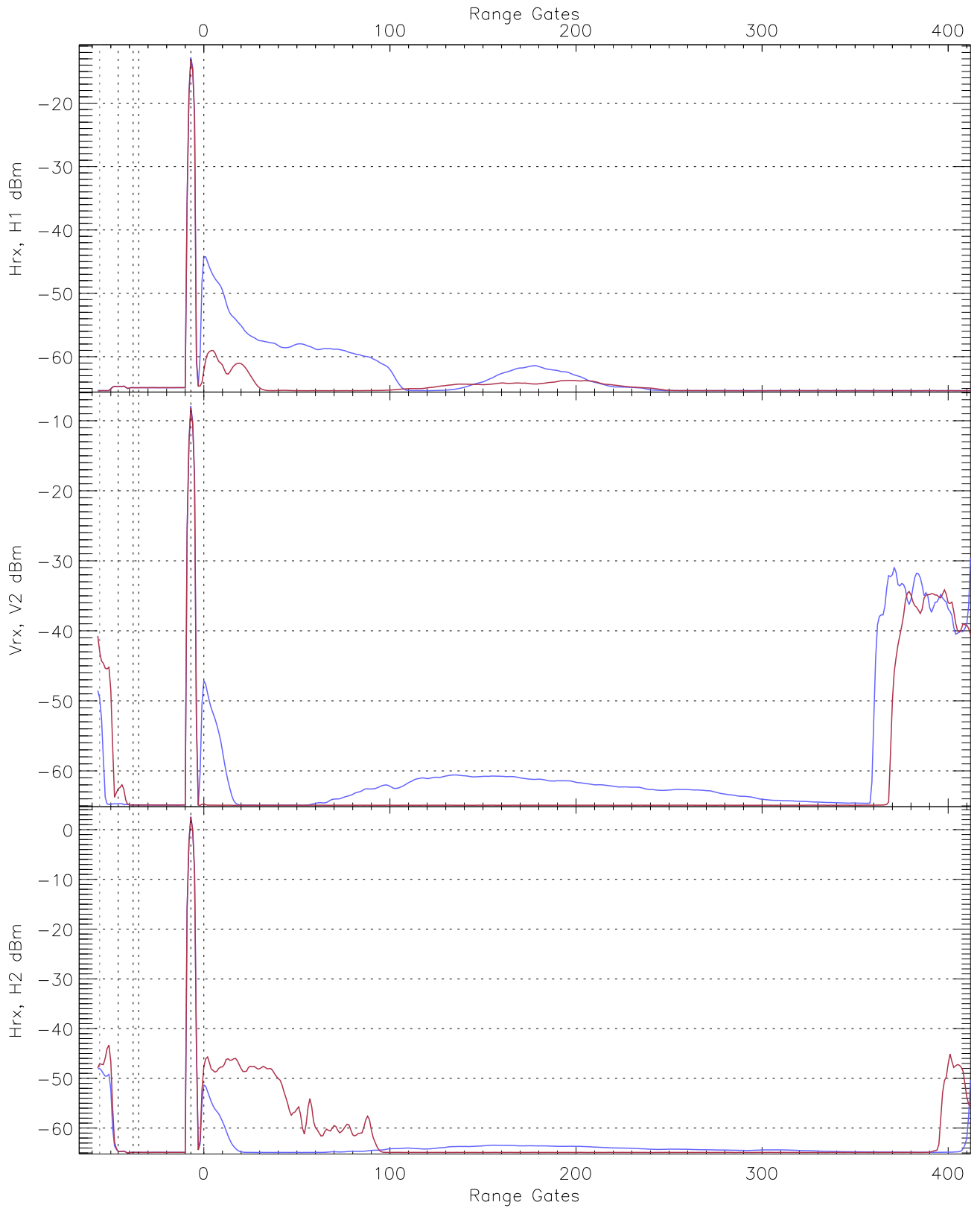
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.59	-64.24	-65.36	-65.37	-76.87
Vrx, V2 (RM [dBm])	-66.14	-22.37	-45.12	-64.83	-36.47
Hrx, H2 (RM [dBm])	-66.02	-26.10	-47.53	-64.73	-39.29



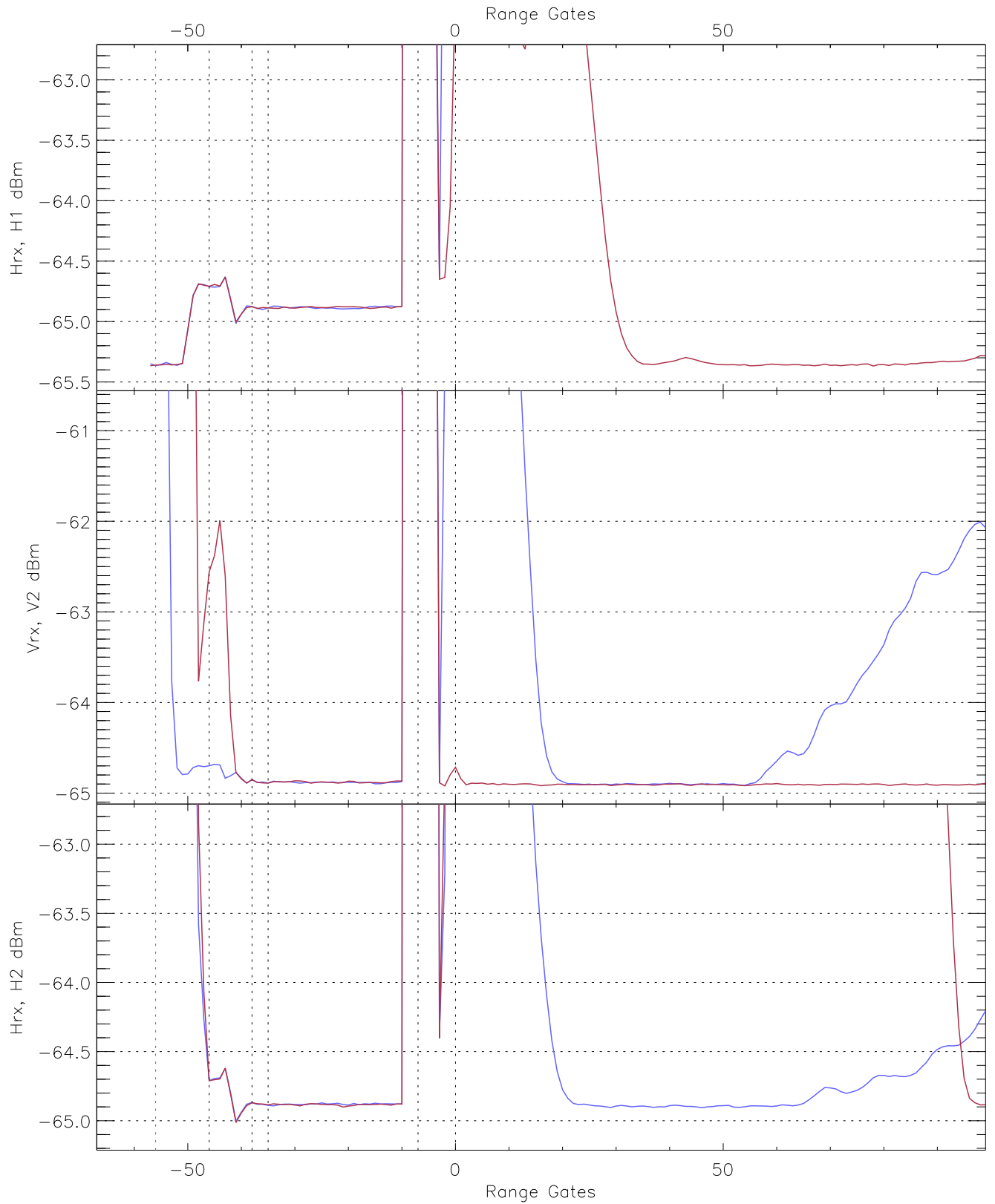
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG383_0 [dBm]	-66.64	-64.26	-65.37	-65.38	-76.86
V2RG54_0 [dBm]	-66.14	-63.94	-64.92	-64.92	-76.50
H1WL3_0 [dBm]	-65.96	-63.71	-64.89	-64.89	-76.41

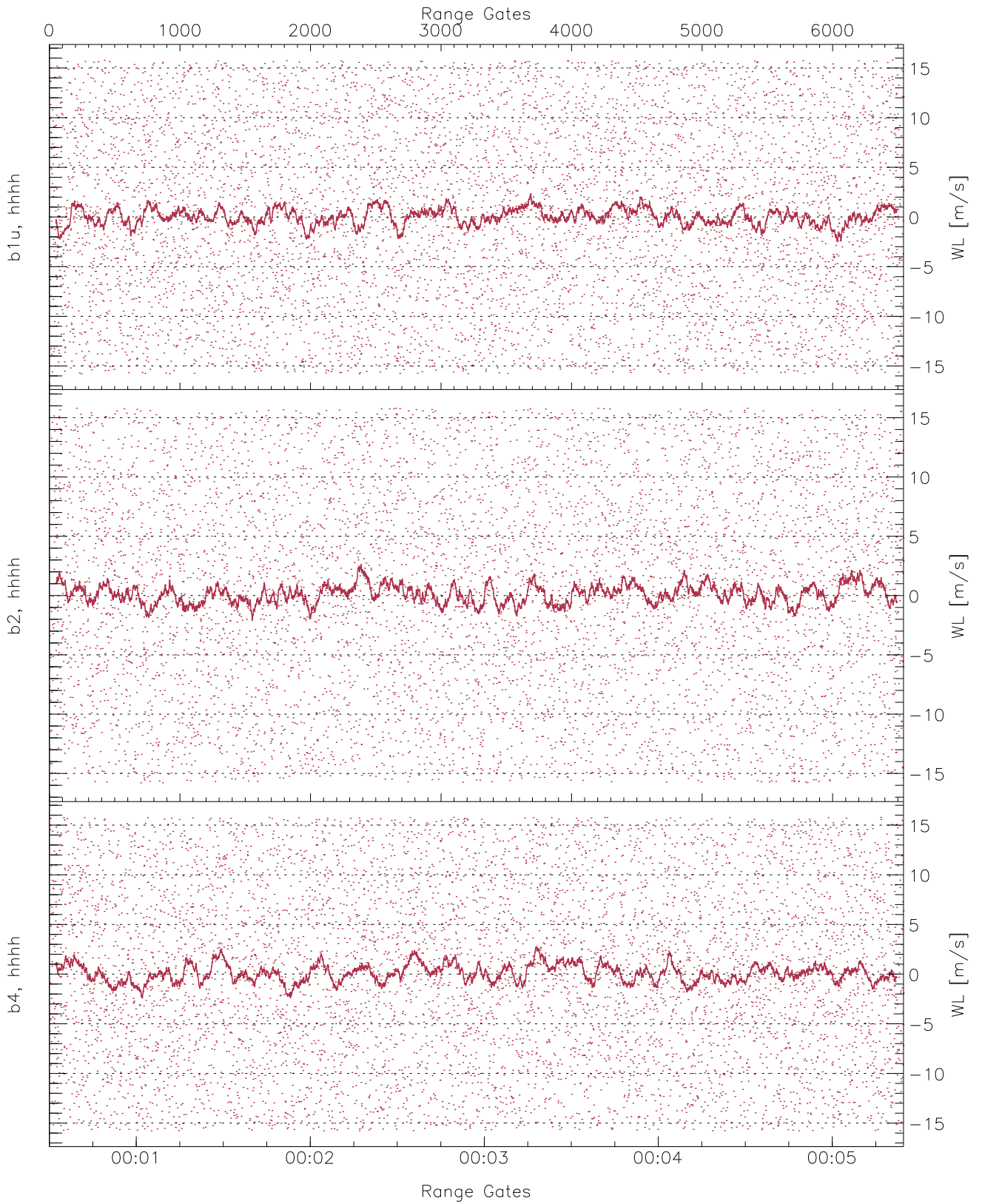




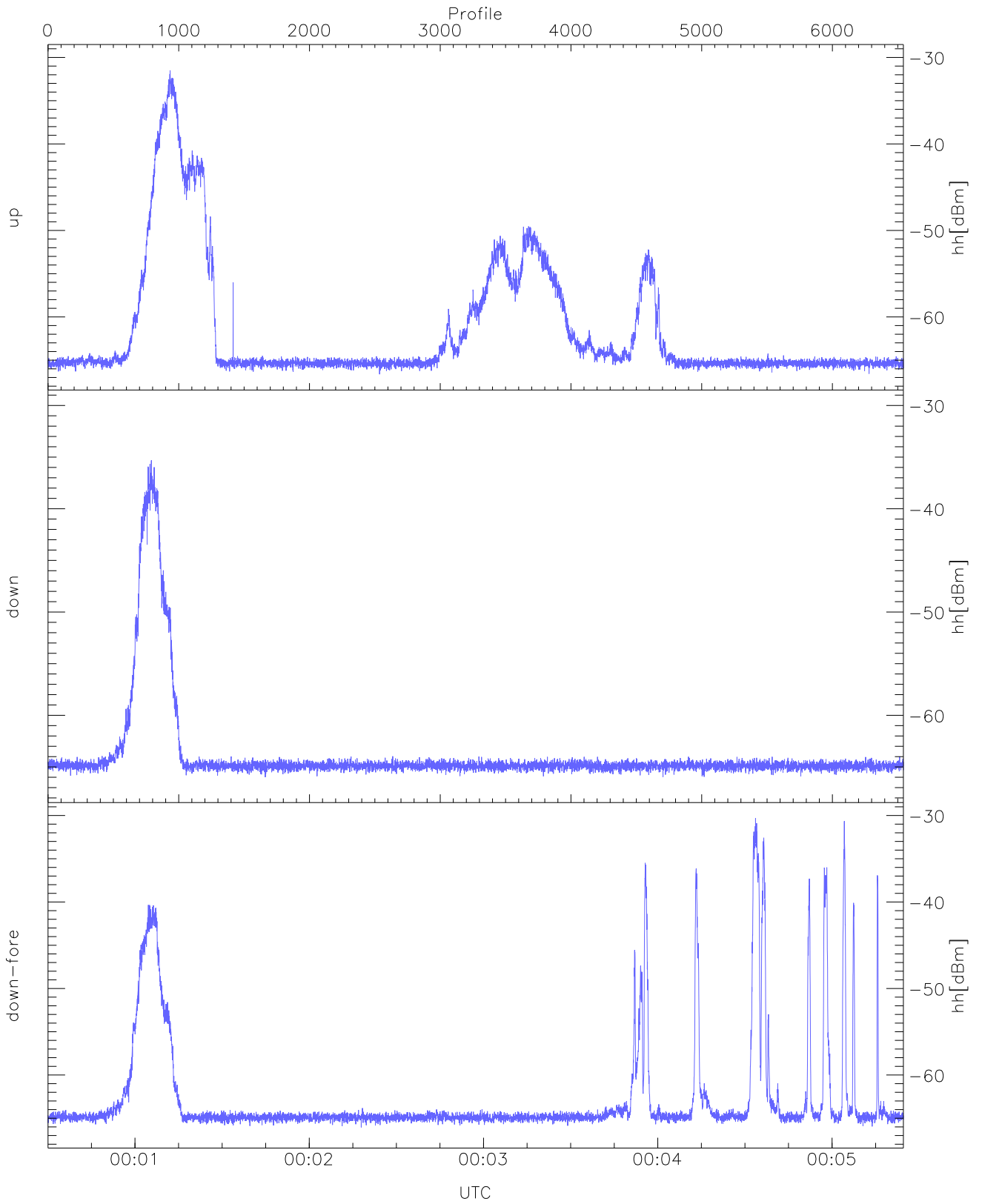
WCR3 CPP Averaged Received power for all recorded gates  
blue: 000030-000257, 3273 profiles averaged  
red: 000257-000525, 3272 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 000030-000257, 3273 profiles averaged  
red: 000257-000525, 3272 profiles averaged

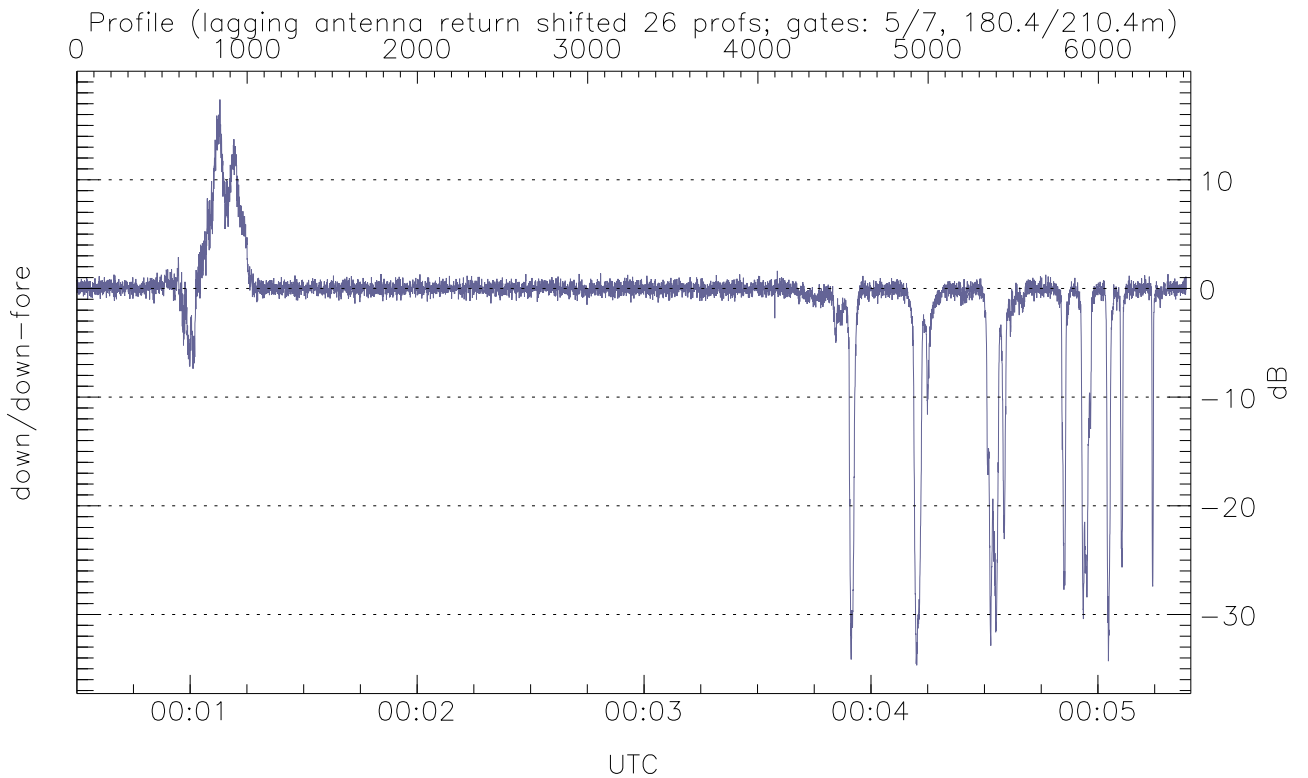
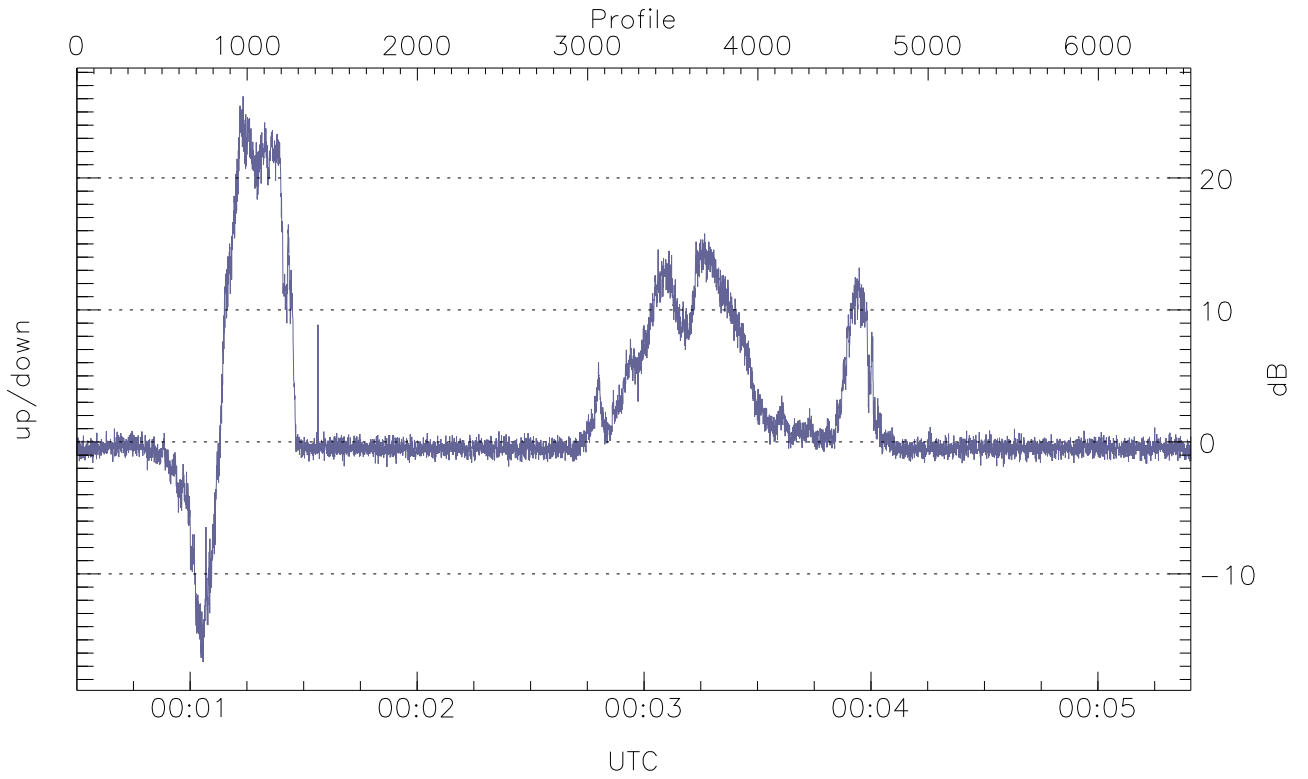


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



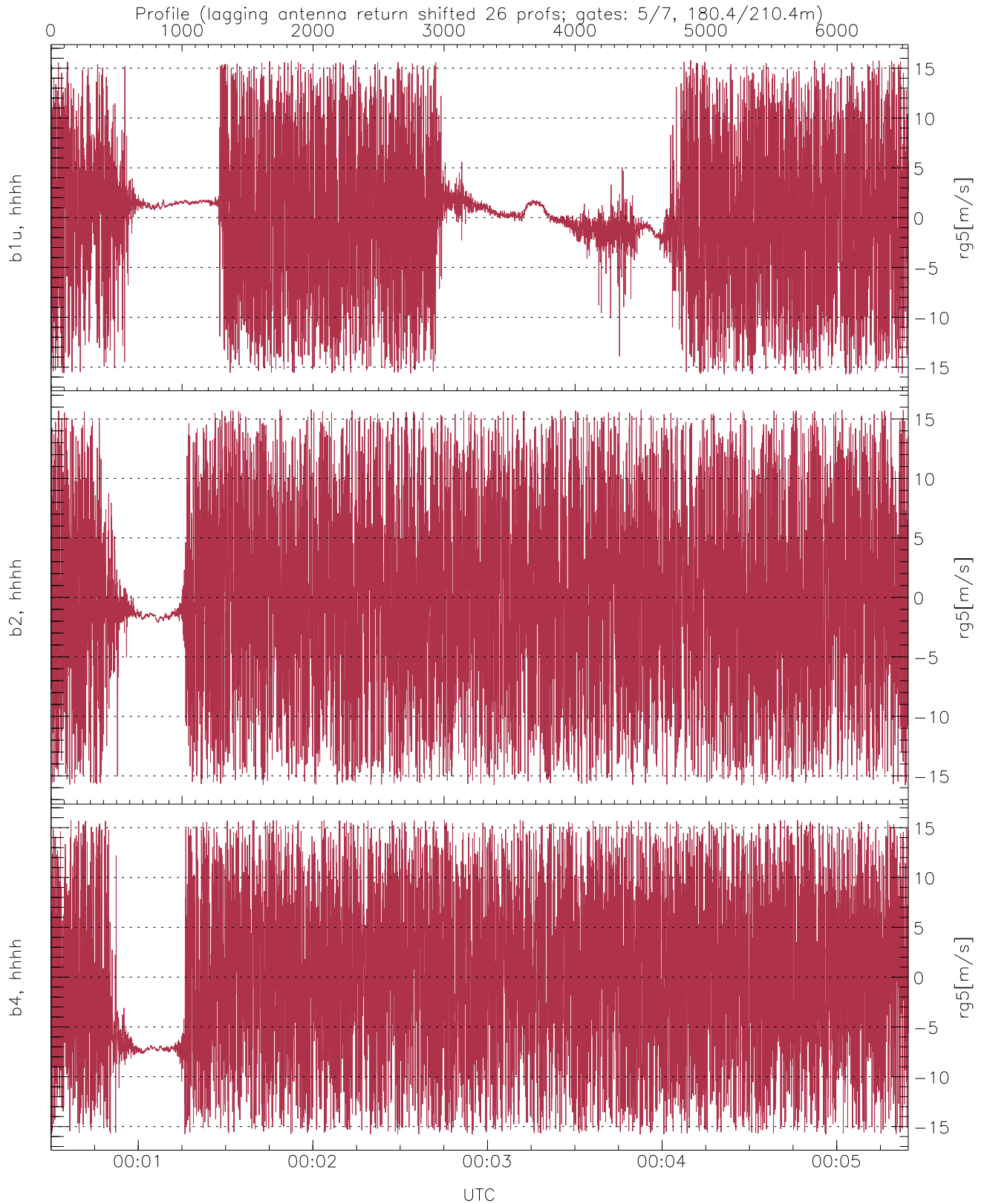
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.63	-31.49	-49.90
down(hh[dBm])	-65.99	-35.31	-54.61
down-fore(hh[dBm])	-66.05	-30.32	-50.65



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

	Min	Max	Mean
up/down (dB)	-16.68	26.18	2.14
down/down-fore (dB)	-34.68	17.39	-0.96



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.73	15.79	0.13	6.77
b2, hhhh(rg5[m/s])	-15.79	15.79	-0.28	8.08
b4, hhhh(rg5[m/s])	-15.78	15.77	-0.72	8.56