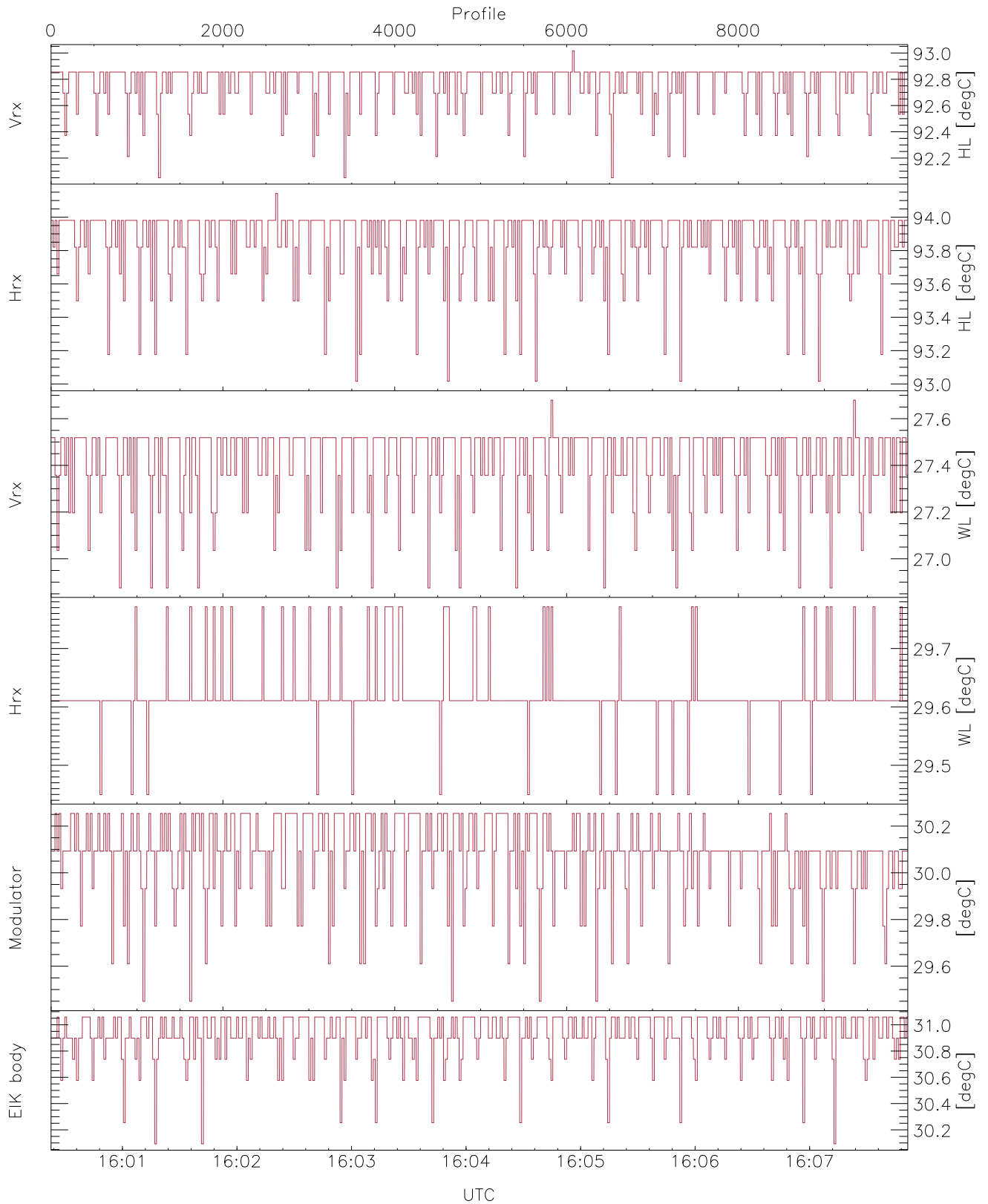


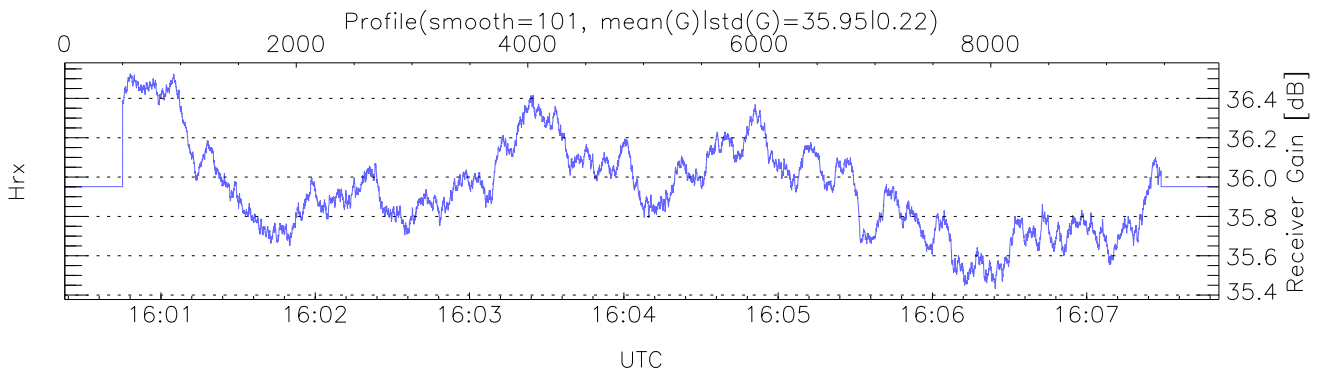
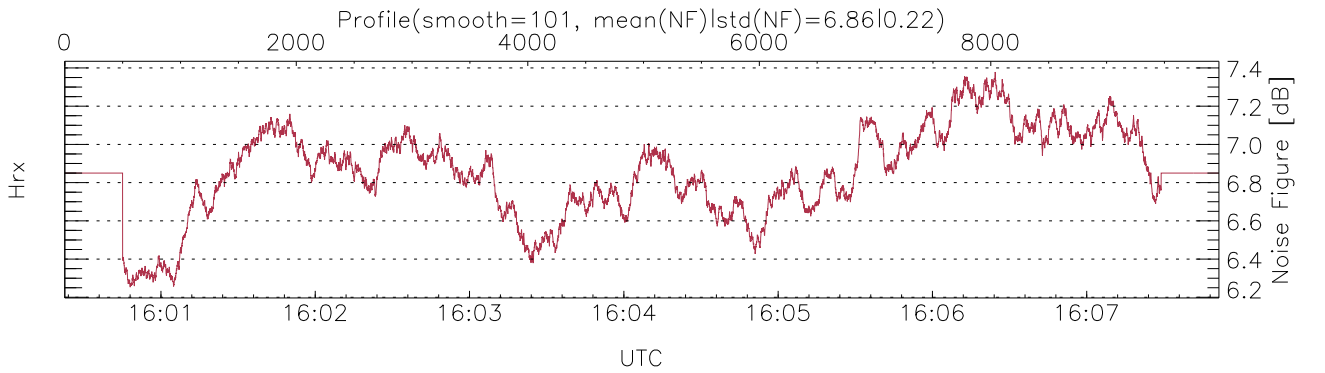
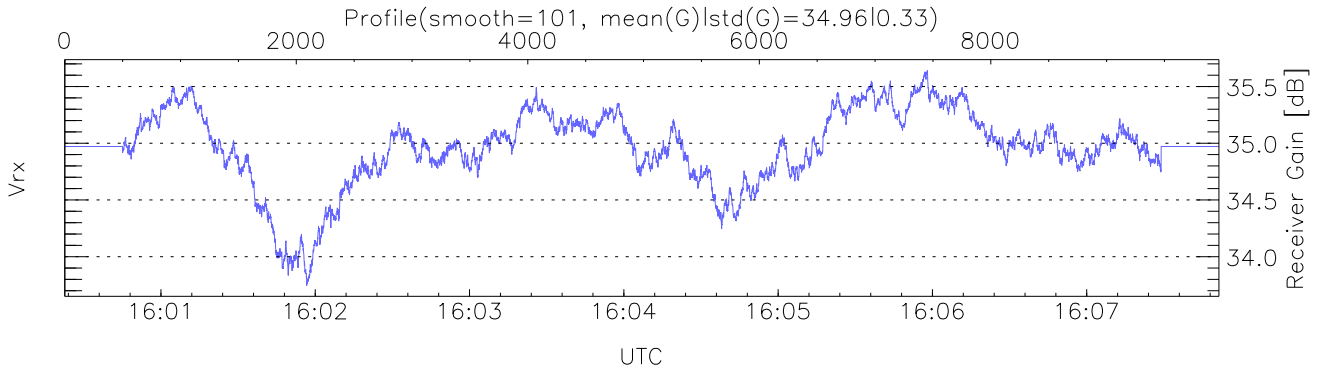
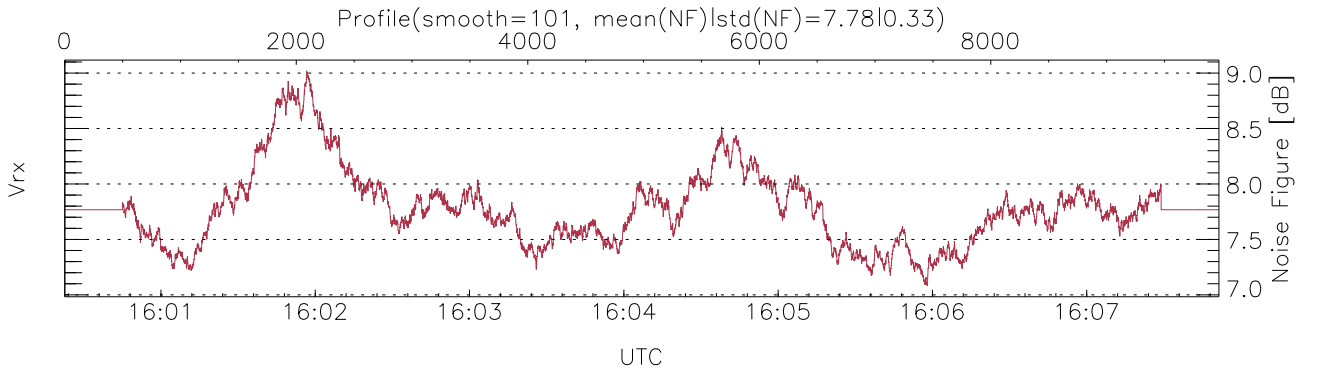
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:00:23-16:07:51, TimeCor: 0.00s, Dur: 448.81s  
 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): 9972/9972, 0-9971/16:00:23-16:07:51  
 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



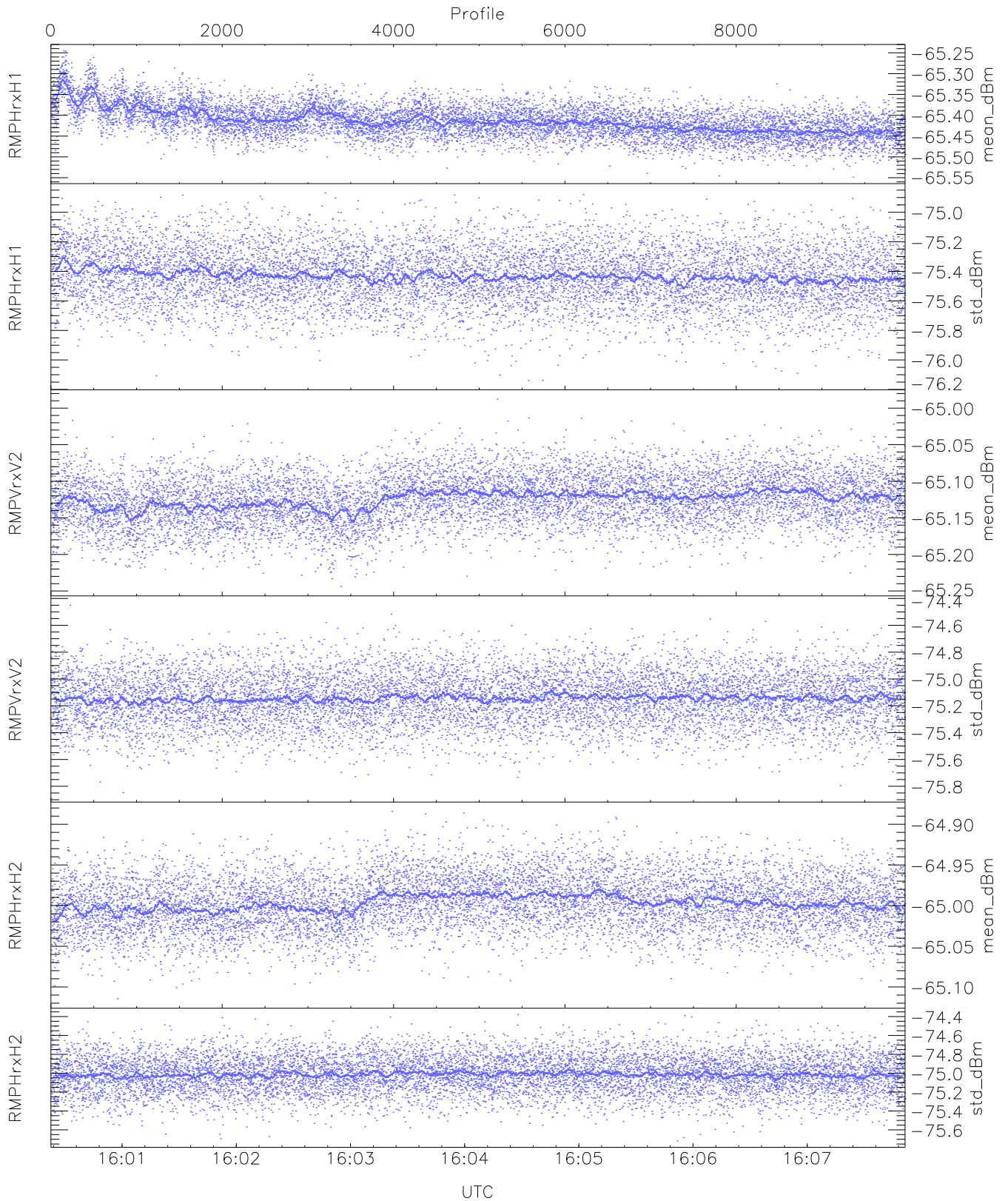
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,29,29,30  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,27,29,30,31  
LOalarm(20,240,2817,14861 MHz): 0,0,22,0  
EIK/Modulator Faults: None



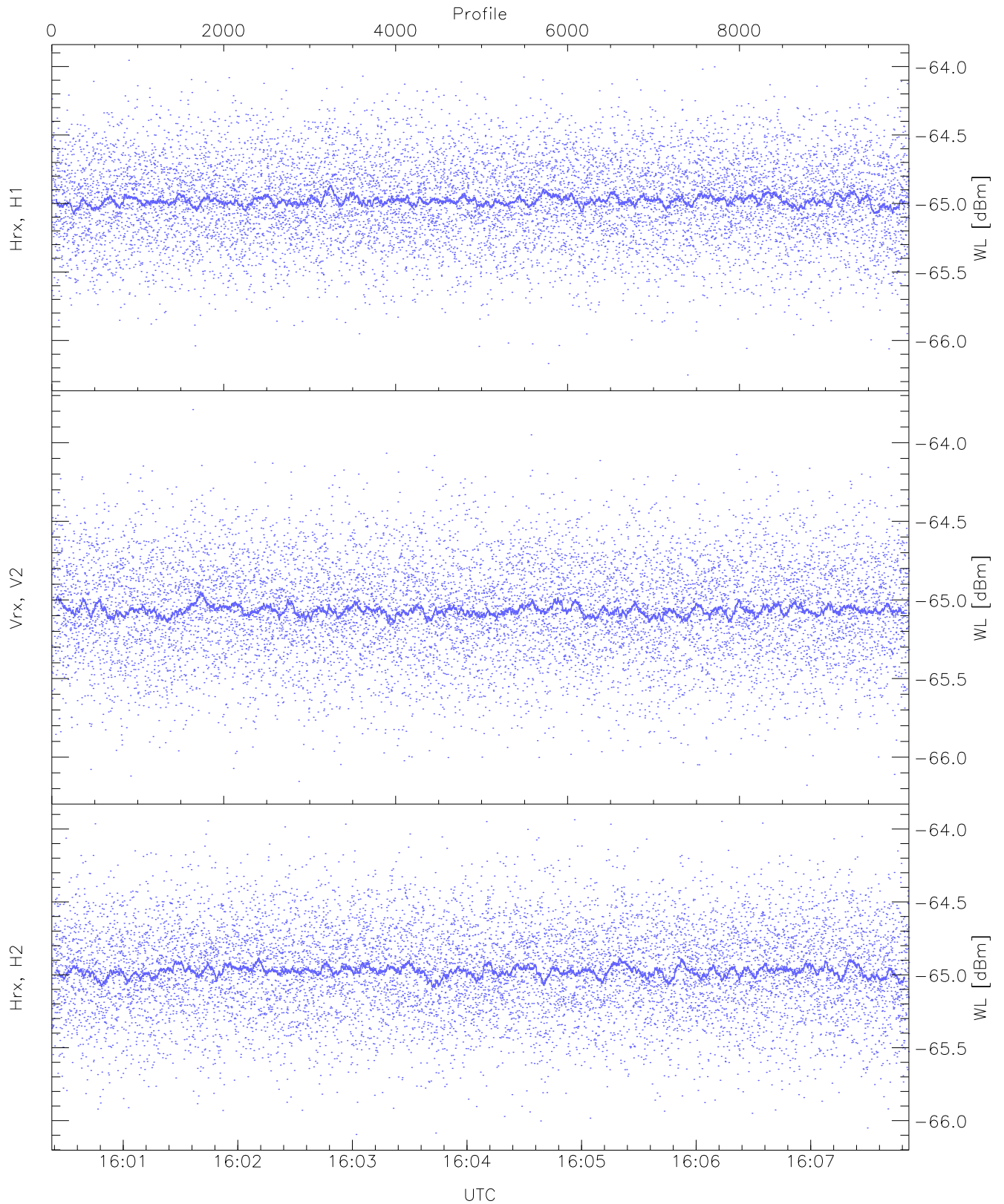
### WCR3 CPP Receivers Gain and Noise Figure

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



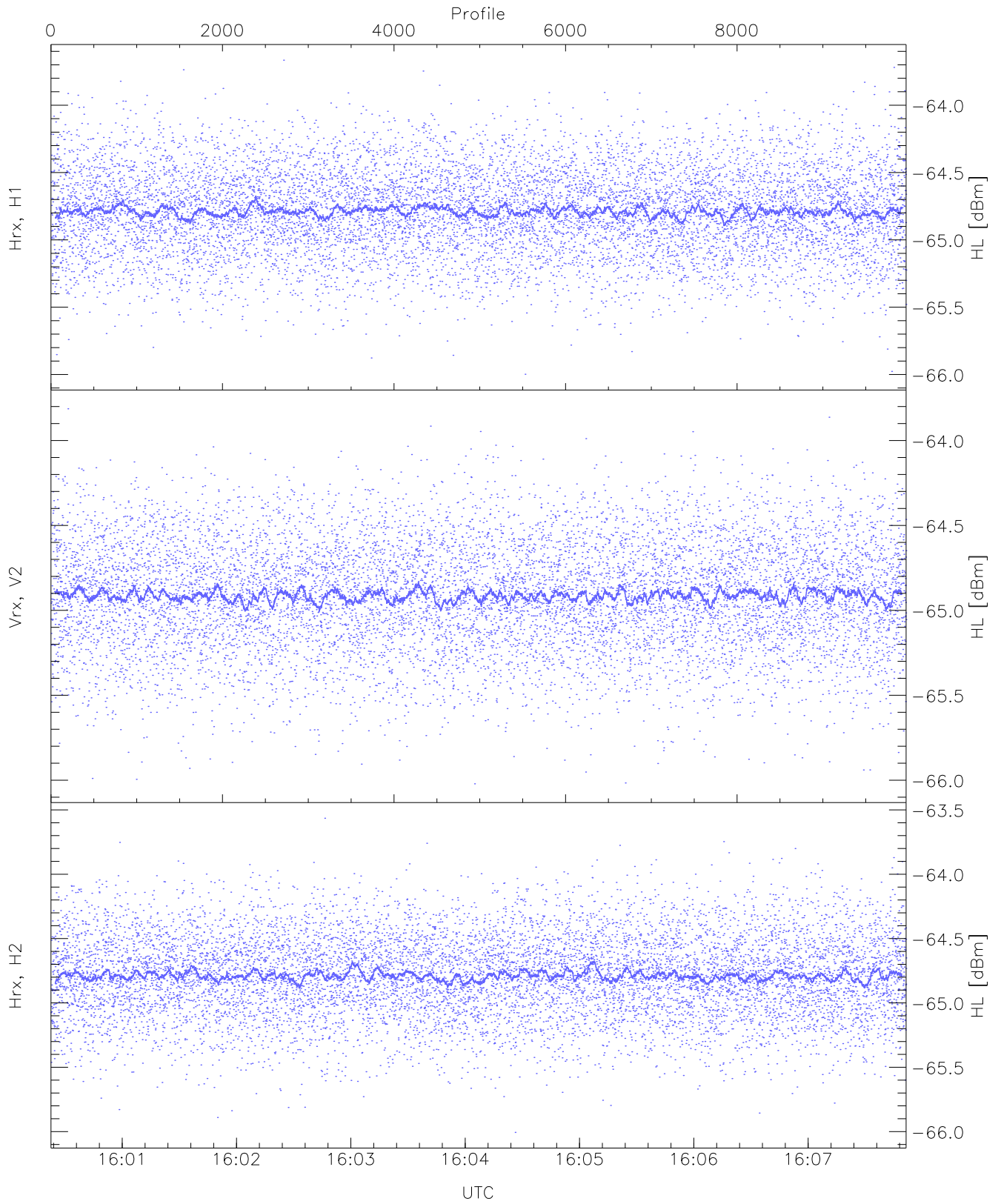
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.55	-65.25	-65.41	-65.42	-85.87
RMPHrxH1 (std_dBm)	-76.14	-74.87	-75.43	-75.43	-89.17
RMPVrxV2 (mean_dBm)	-65.24	-64.99	-65.12	-65.12	-86.42
RMPVrxV2 (std_dBm)	-75.85	-74.45	-75.14	-75.14	-88.96
RMPHrxH2 (mean_dBm)	-65.11	-64.88	-65.00	-65.00	-86.46
RMPHrxH2 (std_dBm)	-75.72	-74.38	-75.01	-75.01	-88.76



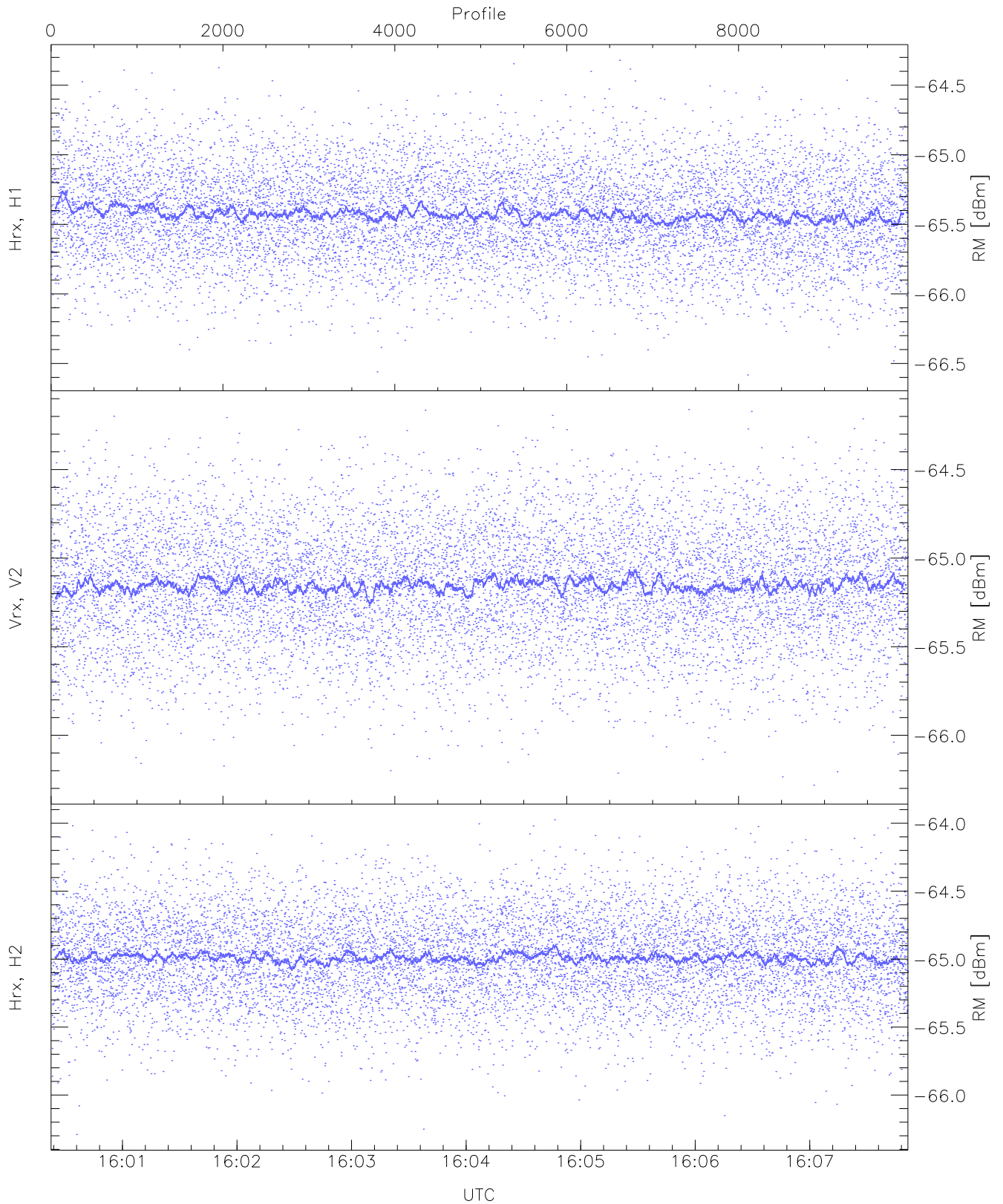
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.25	-63.95	-64.97	-64.98	-76.50
Vrx, V2 (WL [dBm])	-66.18	-63.79	-65.06	-65.07	-76.52
Hrx, H2 (WL [dBm])	-66.09	-63.94	-64.97	-64.98	-76.46



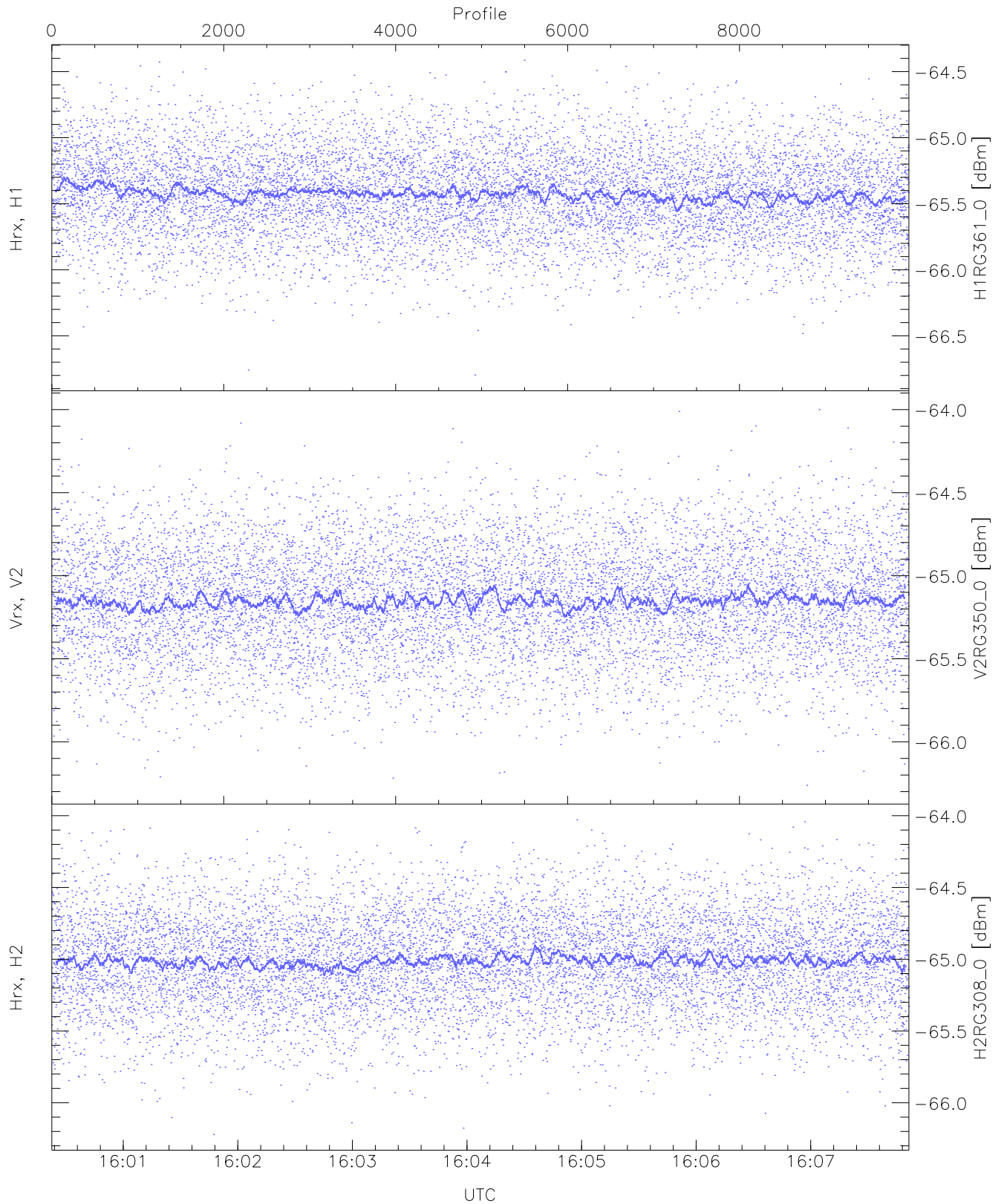
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.00	-63.67	-64.78	-64.79	-76.30
Vrx, V2 (HL [dBm])	-66.02	-63.81	-64.91	-64.91	-76.42
Hrx, H2 (HL [dBm])	-66.01	-63.57	-64.78	-64.79	-76.29



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

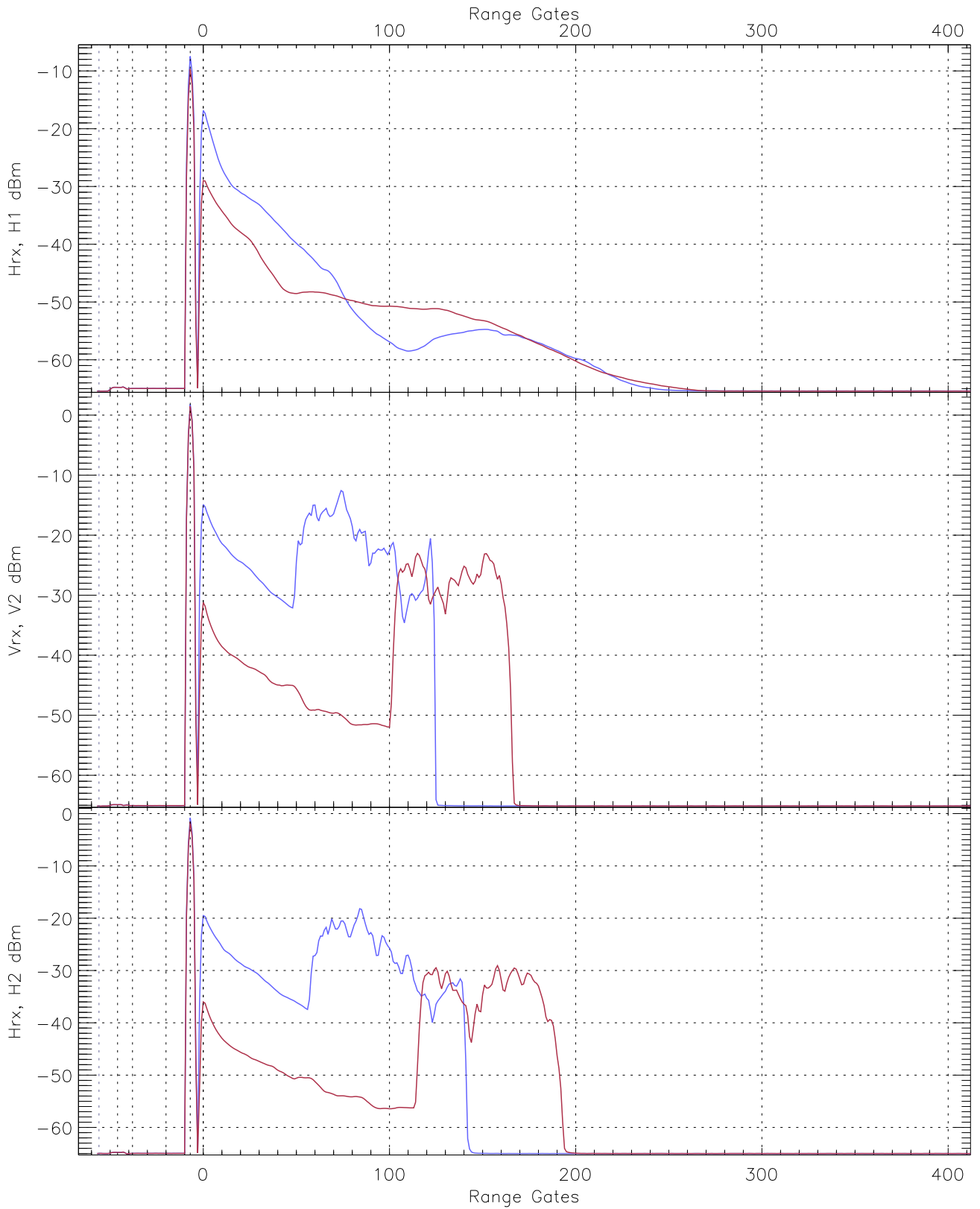
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.58	-64.32	-65.42	-65.43	-76.88
Vrx, V2 (RM [dBm])	-66.28	-64.16	-65.14	-65.15	-76.67
Hrx, H2 (RM [dBm])	-66.29	-63.97	-64.98	-64.99	-76.55



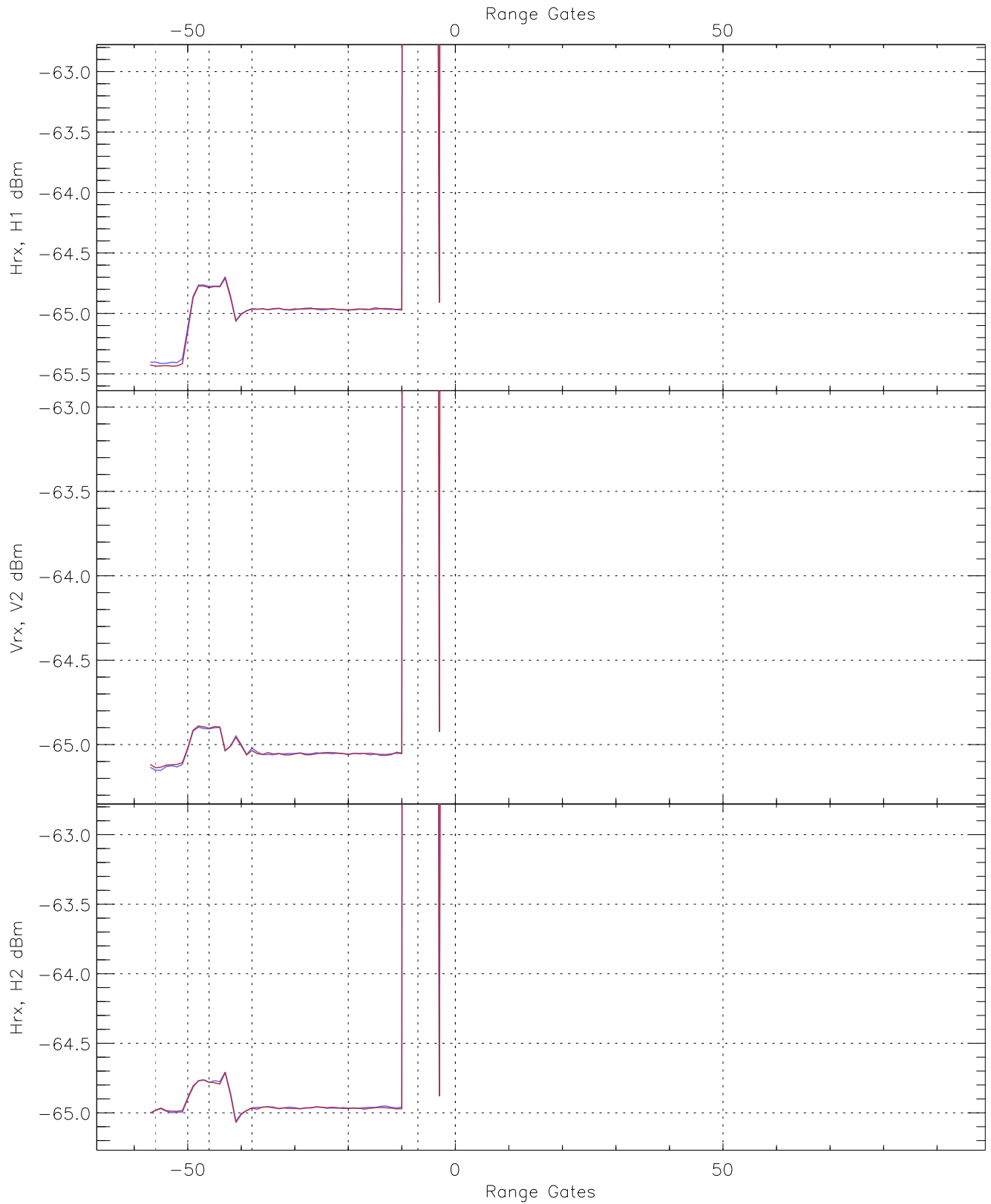
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG361_0 [dBm]	-66.80	-64.41	-65.42	-65.43	-76.90
V2RG350_0 [dBm]	-66.26	-64.00	-65.14	-65.15	-76.65
H2RG308_0 [dBm]	-66.22	-64.03	-65.00	-65.01	-76.52

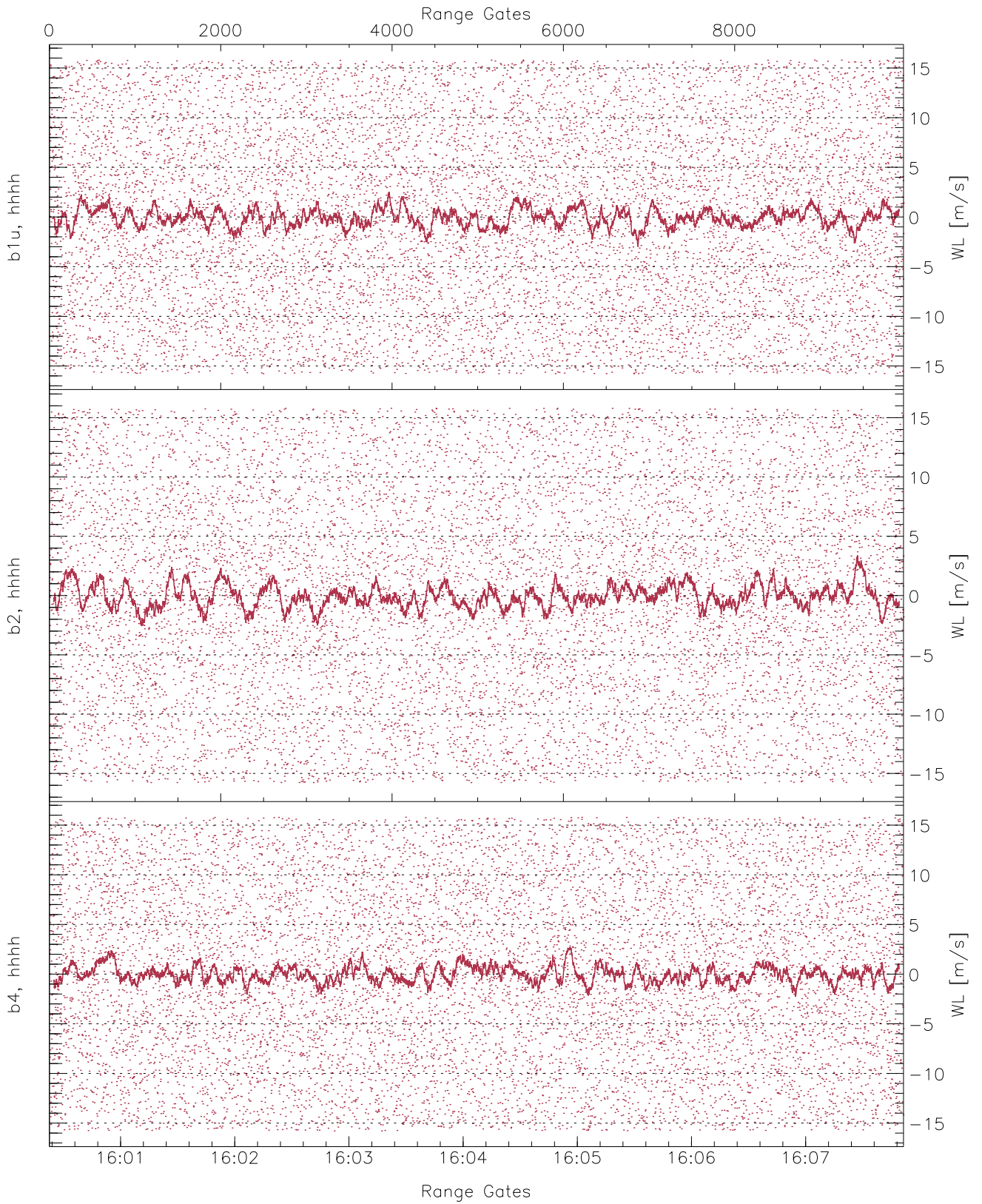




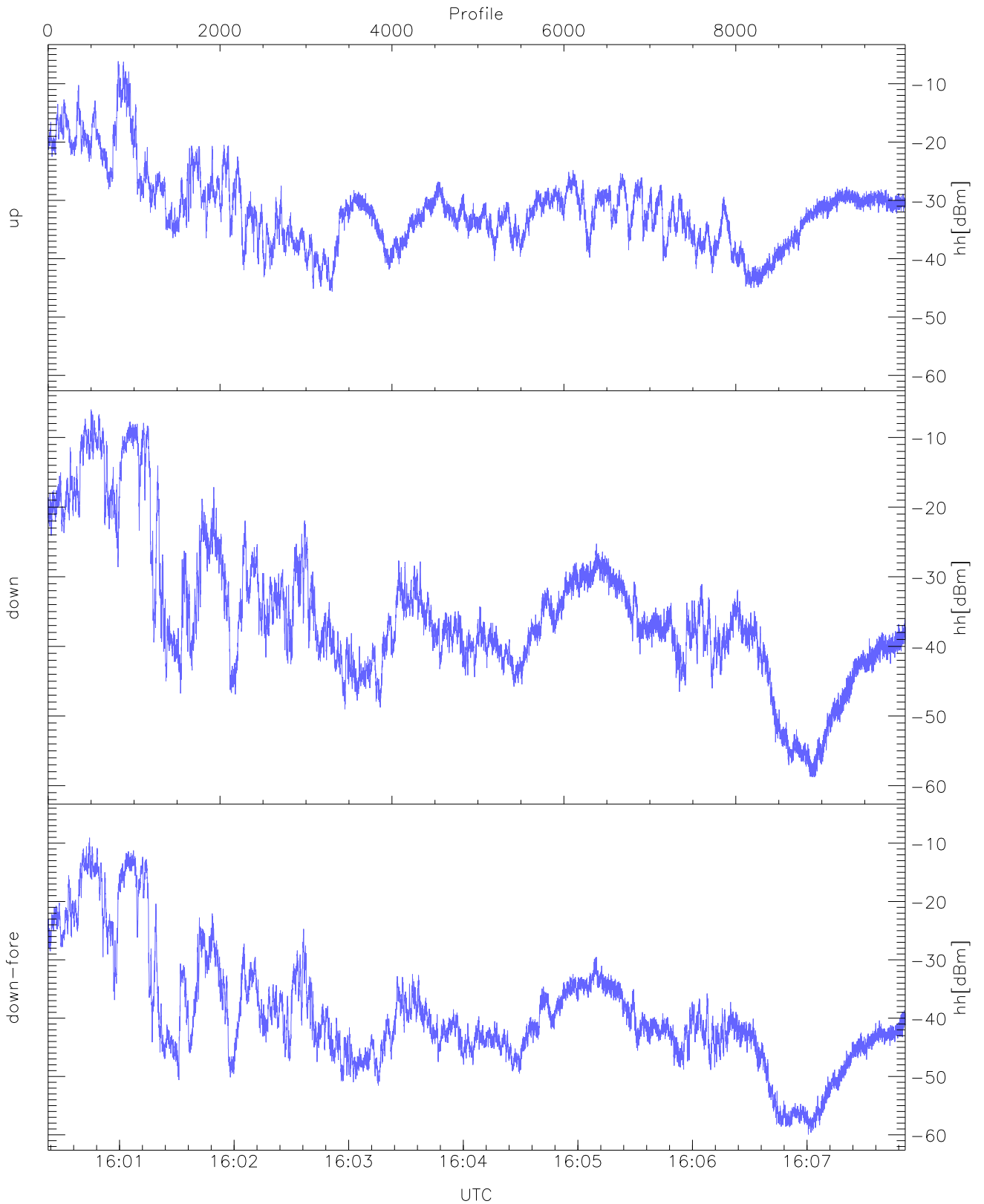
WCR3 CPP Averaged Received power for all recorded gates  
blue: 160023-160407, 4987 profiles averaged  
red: 160407-160751, 4986 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 160023-160407, 4987 profiles averaged  
red: 160407-160751, 4986 profiles averaged

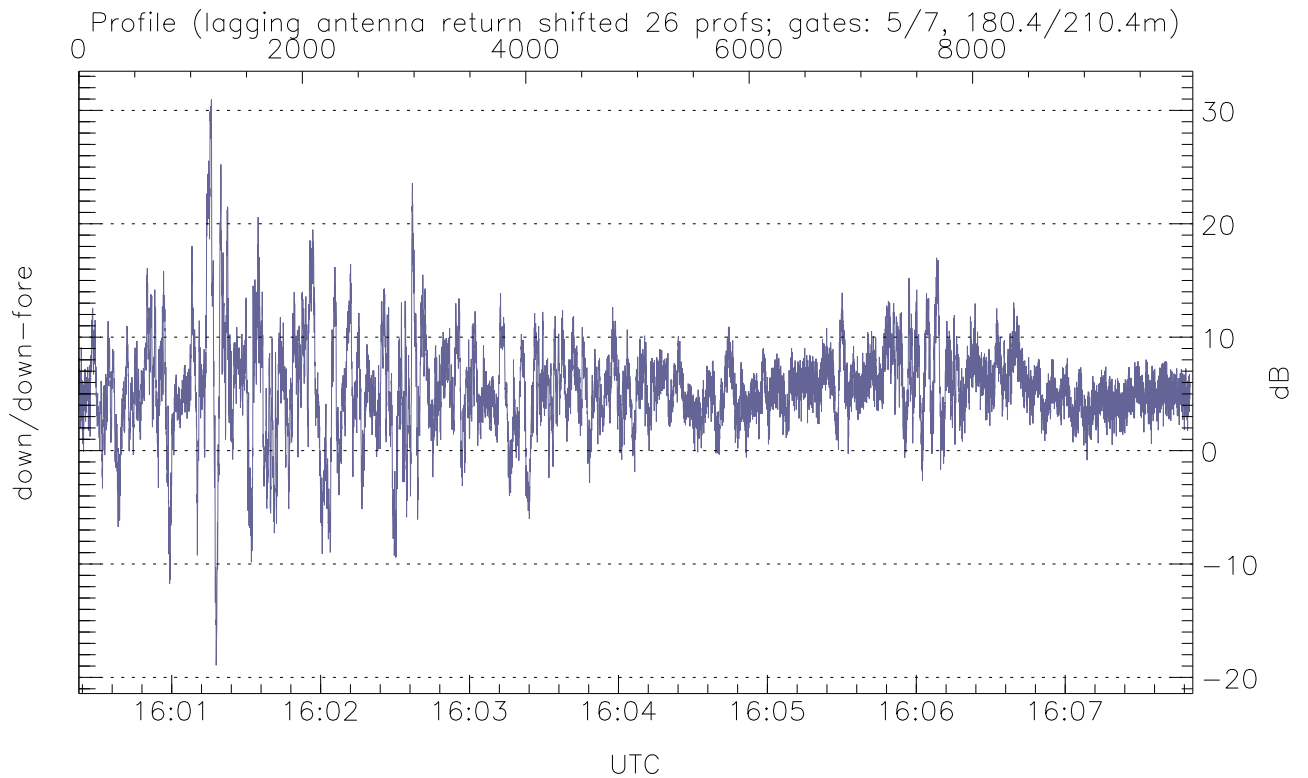
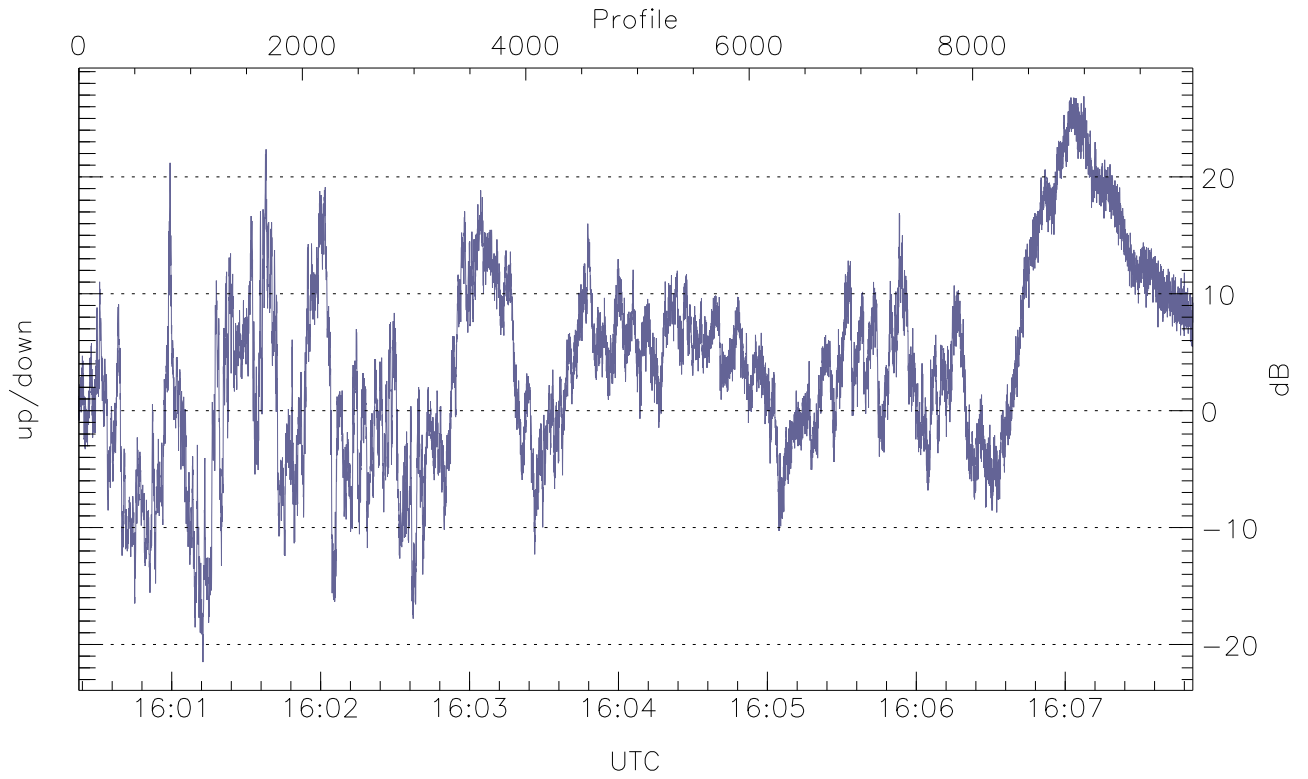


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



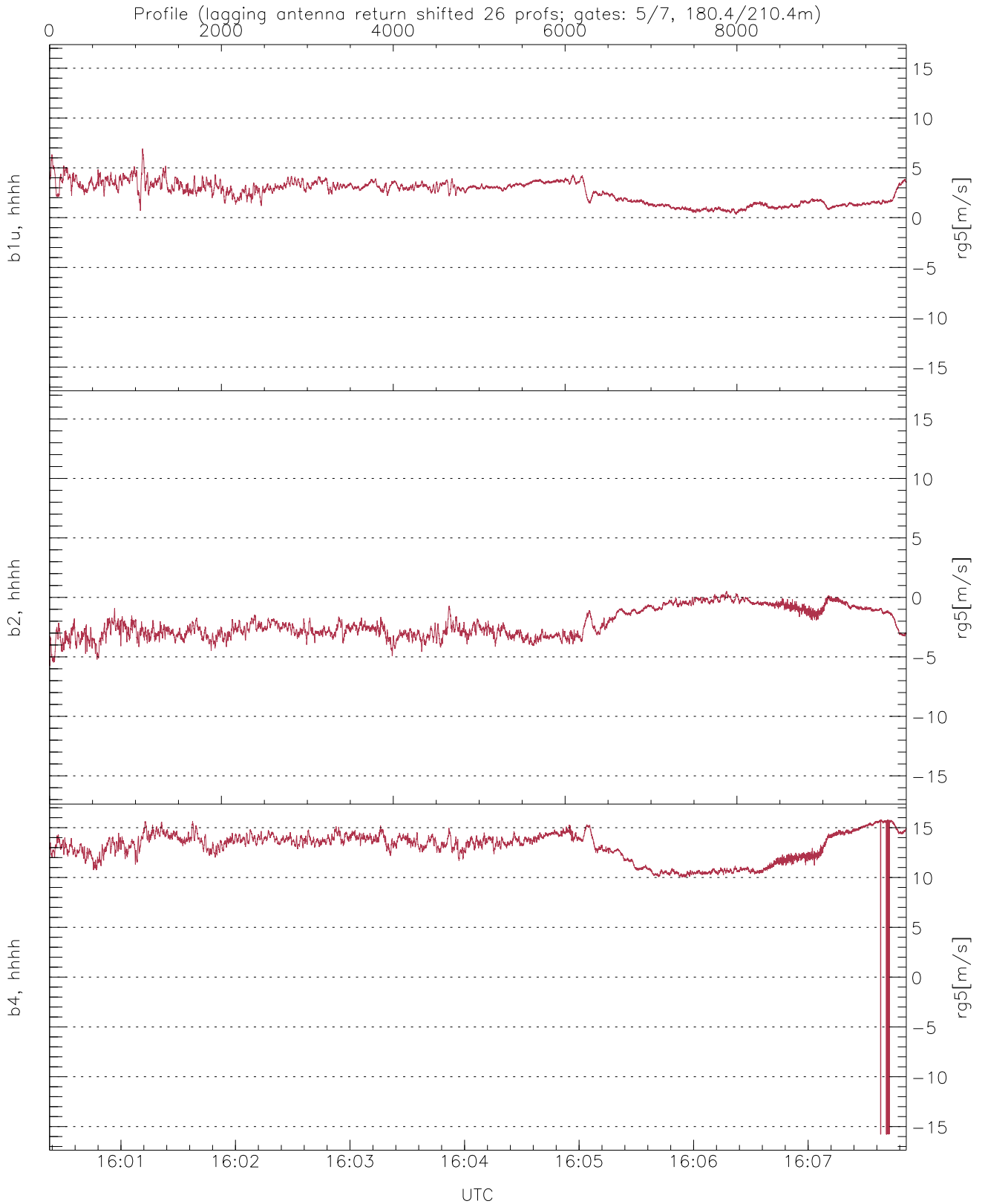
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-45.64	-6.15	-24.57
down(hh[dBm])	-58.78	-5.99	-21.47
down-fore(hh[dBm])	-59.94	-9.07	-25.63



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

	Min	Max	Mean
up/down (dB)	-21.51	26.89	3.87
down/down-fore (dB)	-18.93	30.96	5.46



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.33	6.93	2.56	1.09
b2, hhhh(rg5[m/s])	-5.75	0.53	-2.19	1.20
b4, hhhh(rg5[m/s])	-15.79	15.79	13.06	1.86