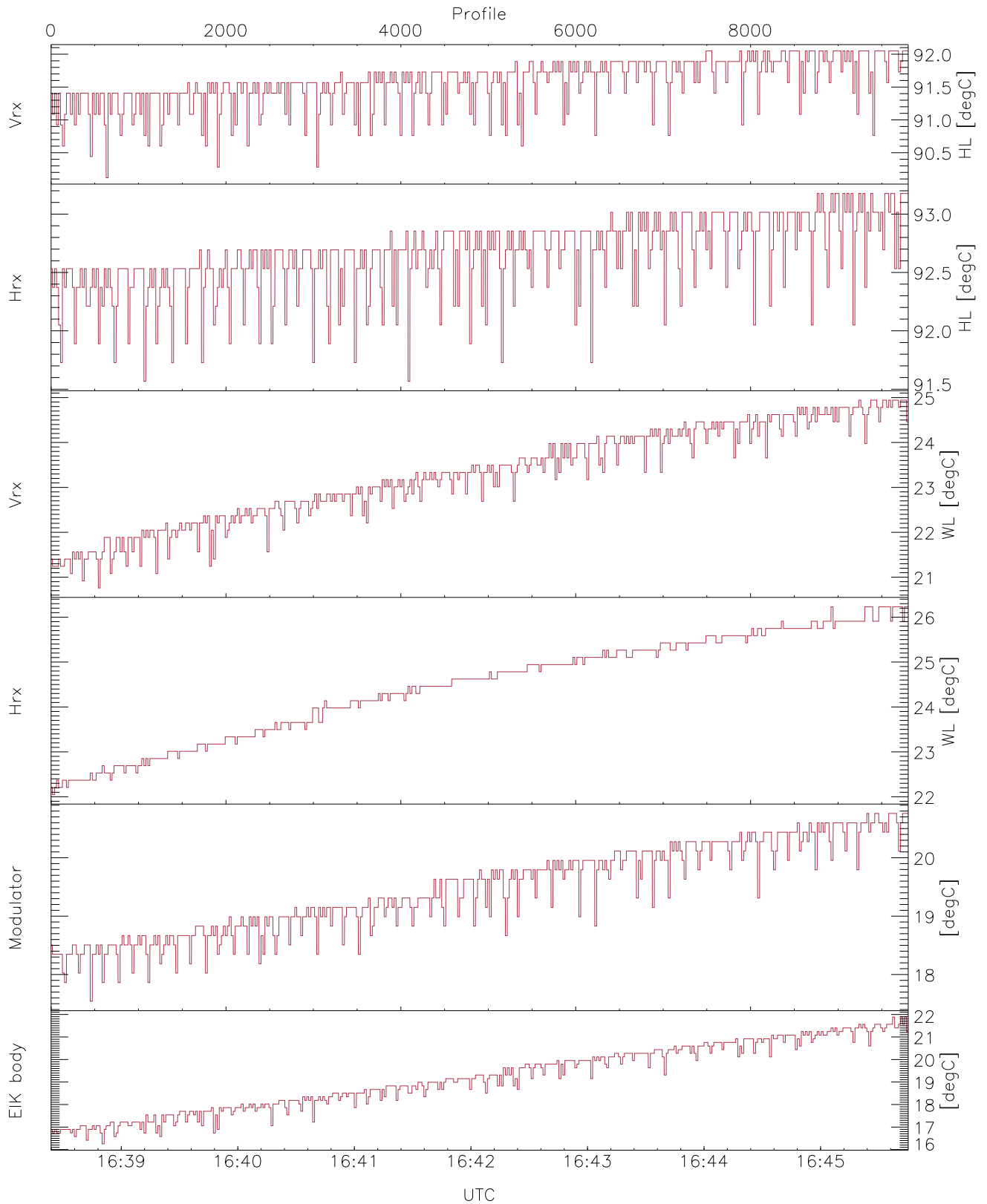


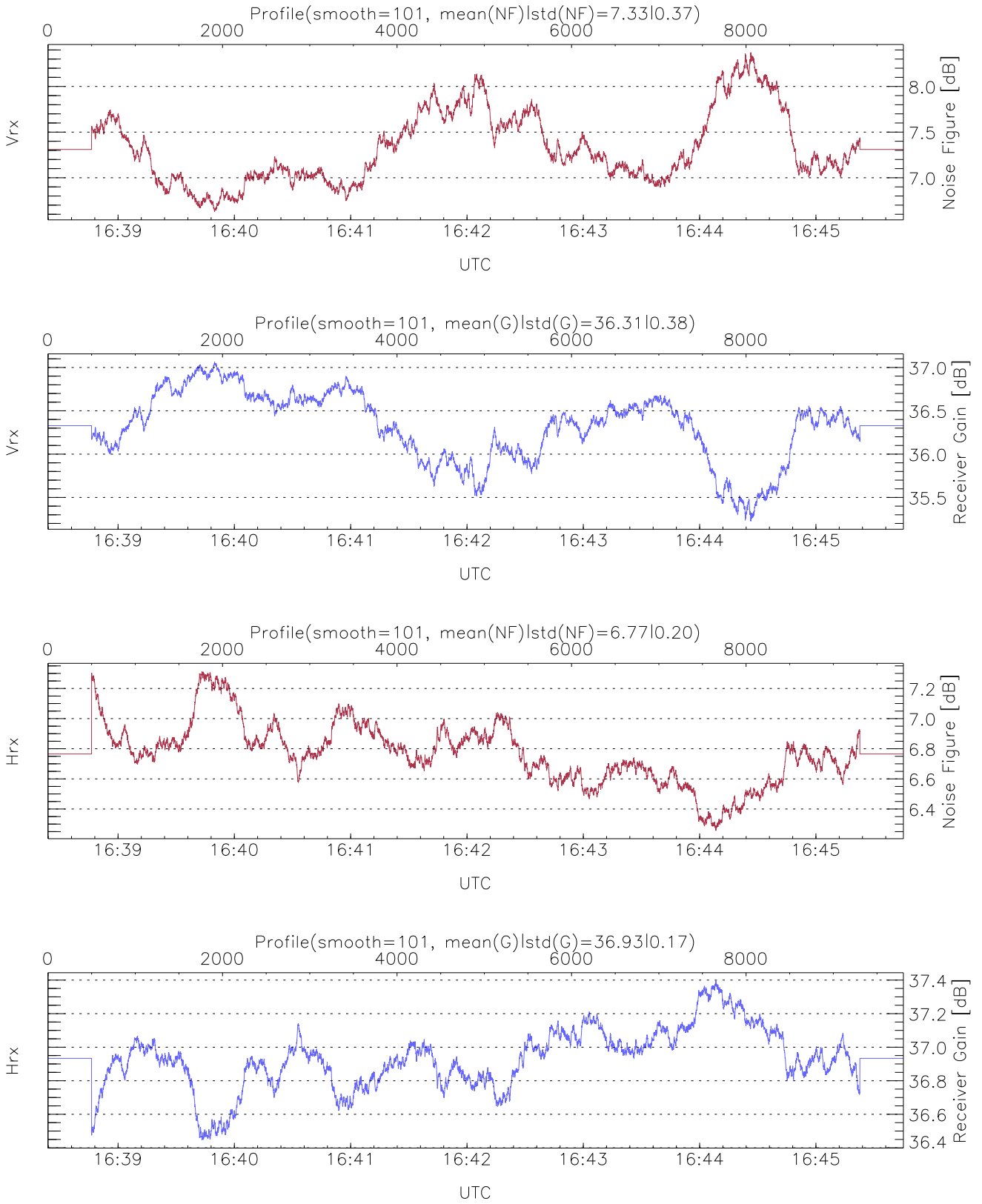
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:38:24-16:45:45, TimeCor: 0.00s, Dur: 441.25s  
 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): 9804/9804, 0-9803/16:38:24-16:45:45  
 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



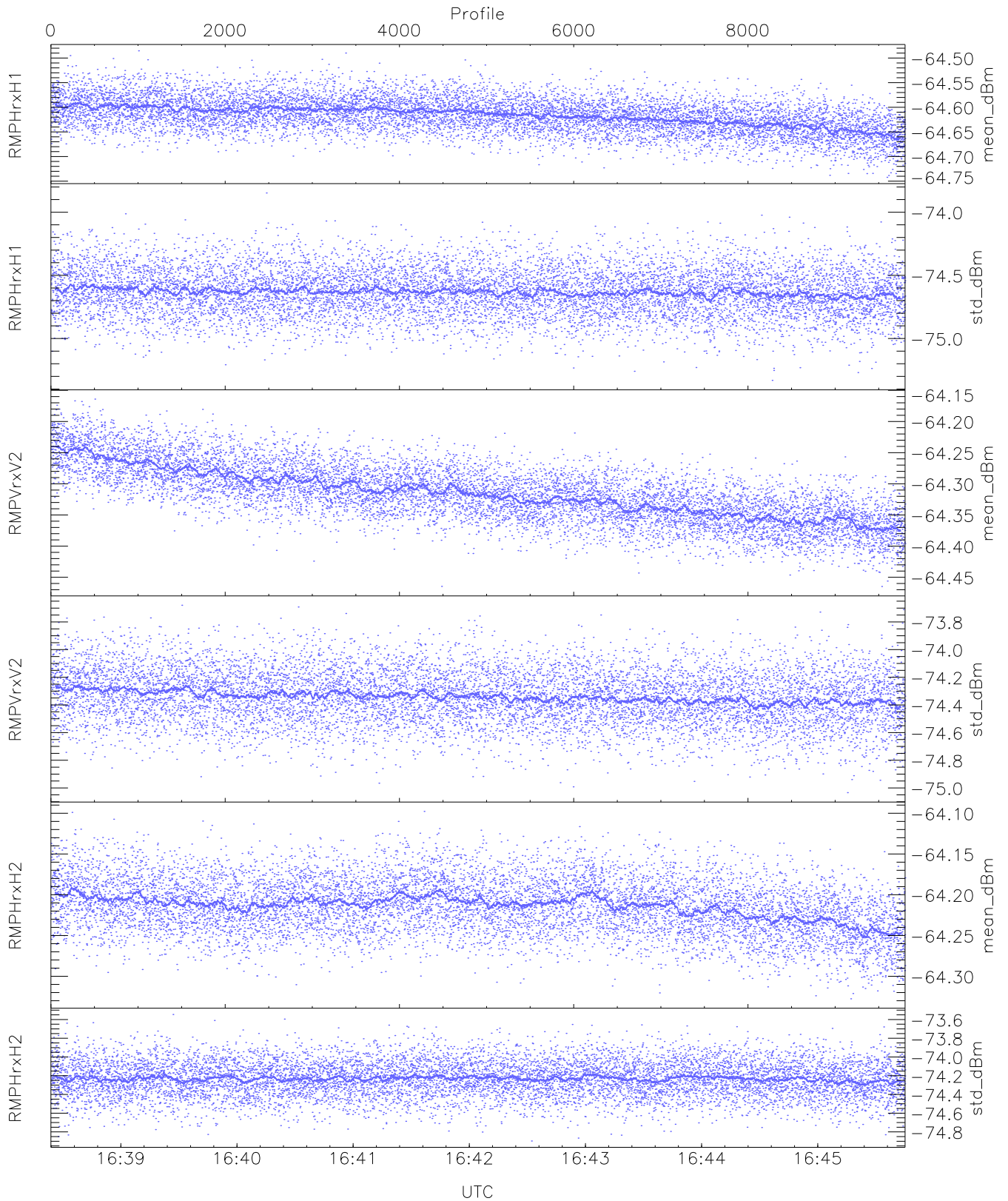
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,22,17,16  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,20,21  
 LOalarm(20,240,2817,14861 MHz): None  
 EIK/Modulator Faults: None



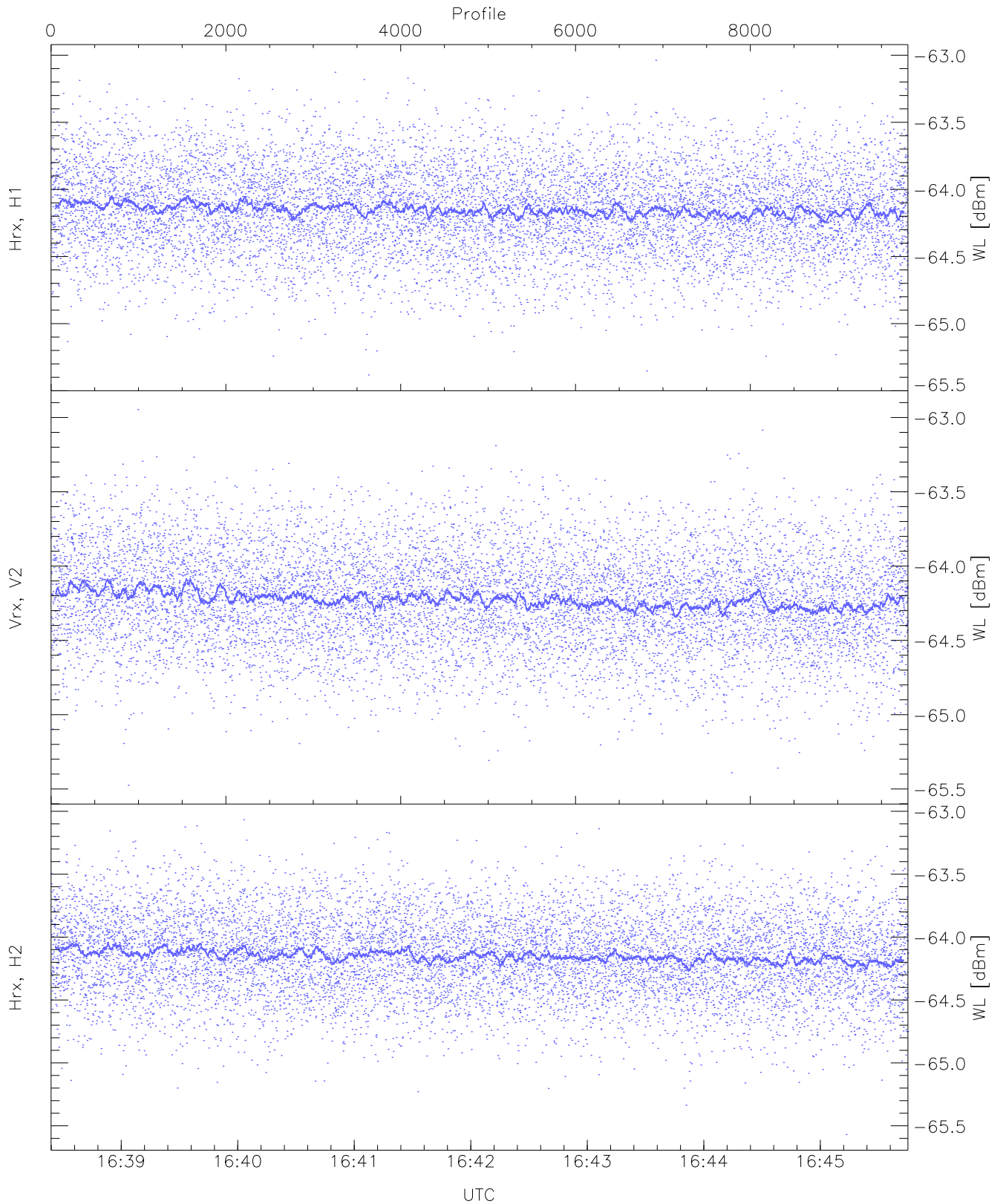
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 4236 pixs, 9 gates, 4068 profs, 1 prod(s)



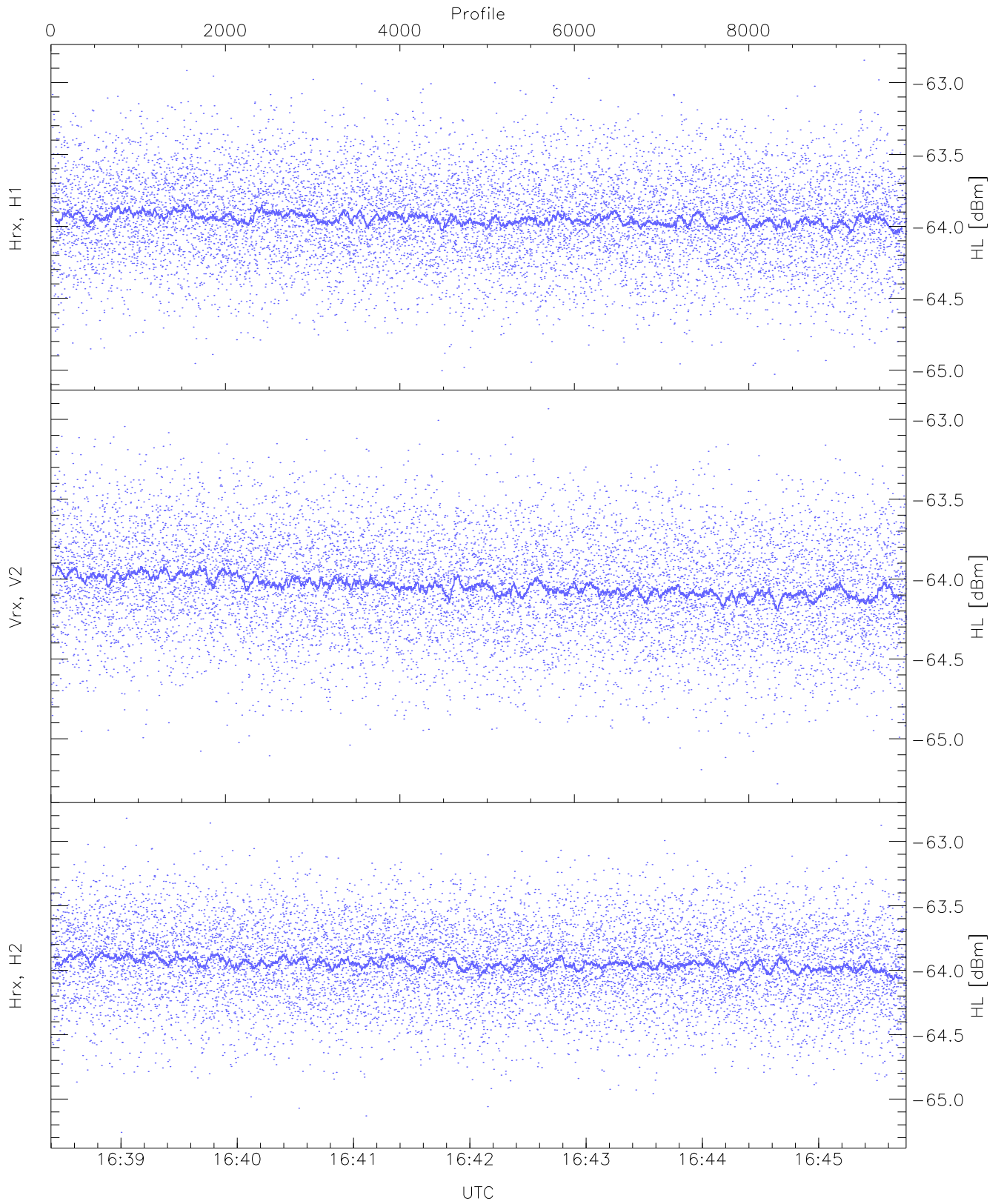
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-64.74	-64.49	-64.62	-64.62	-85.60
RMPHrxH1 (std_dBm)	-75.33	-73.85	-74.63	-74.63	-88.44
RMPVrxV2 (mean_dBm)	-64.46	-64.16	-64.32	-64.32	-84.03
RMPVrxV2 (std_dBm)	-75.03	-73.68	-74.34	-74.34	-88.00
RMPHrxH2 (mean_dBm)	-64.33	-64.10	-64.21	-64.21	-85.43
RMPHrxH2 (std_dBm)	-74.90	-73.55	-74.23	-74.23	-88.00



WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

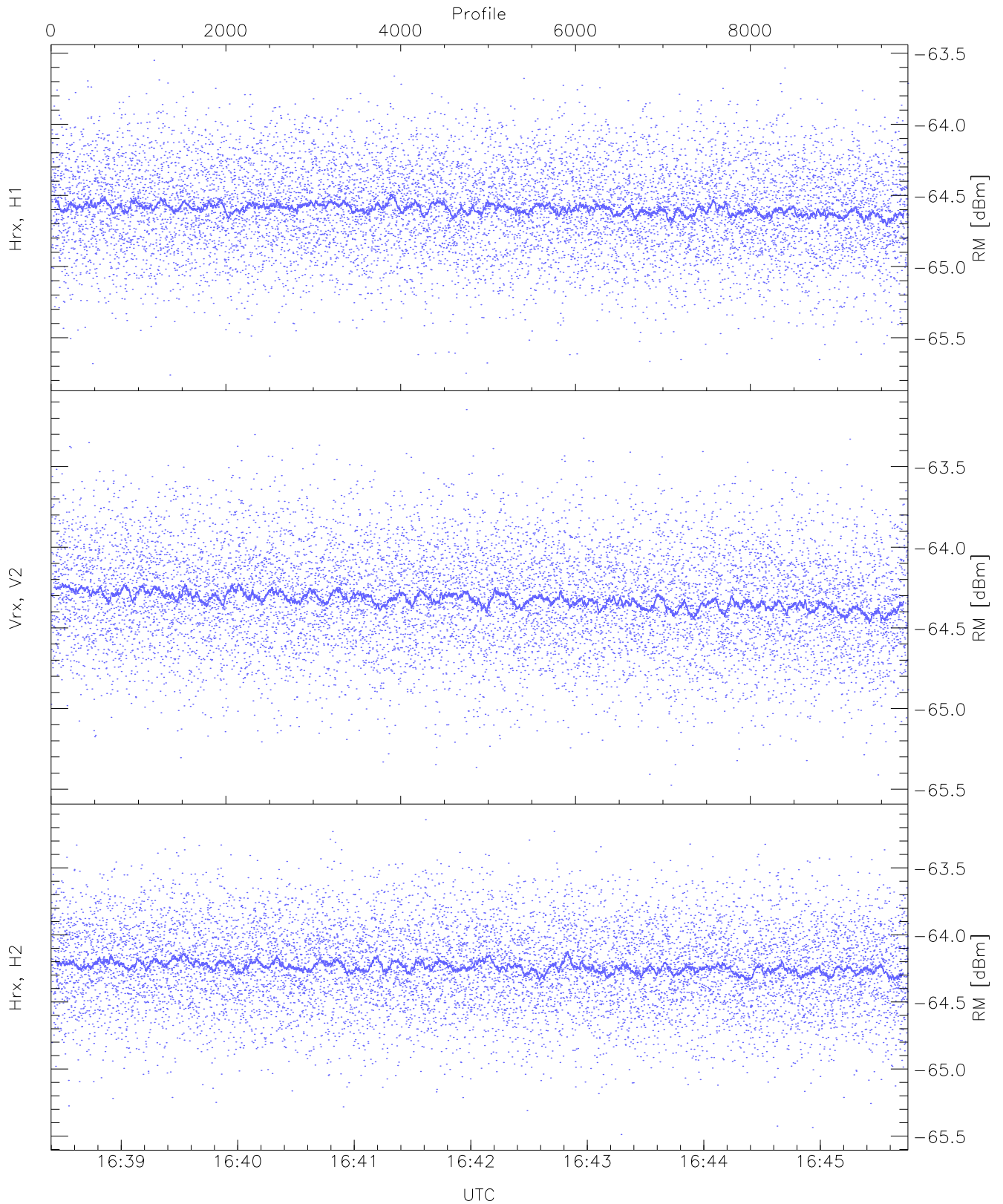
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.38	-63.04	-64.14	-64.15	-75.64
Vrx, V2 (WL [dBm])	-65.48	-62.95	-64.22	-64.22	-75.67
Hrx, H2 (WL [dBm])	-65.57	-63.07	-64.14	-64.15	-75.62



WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

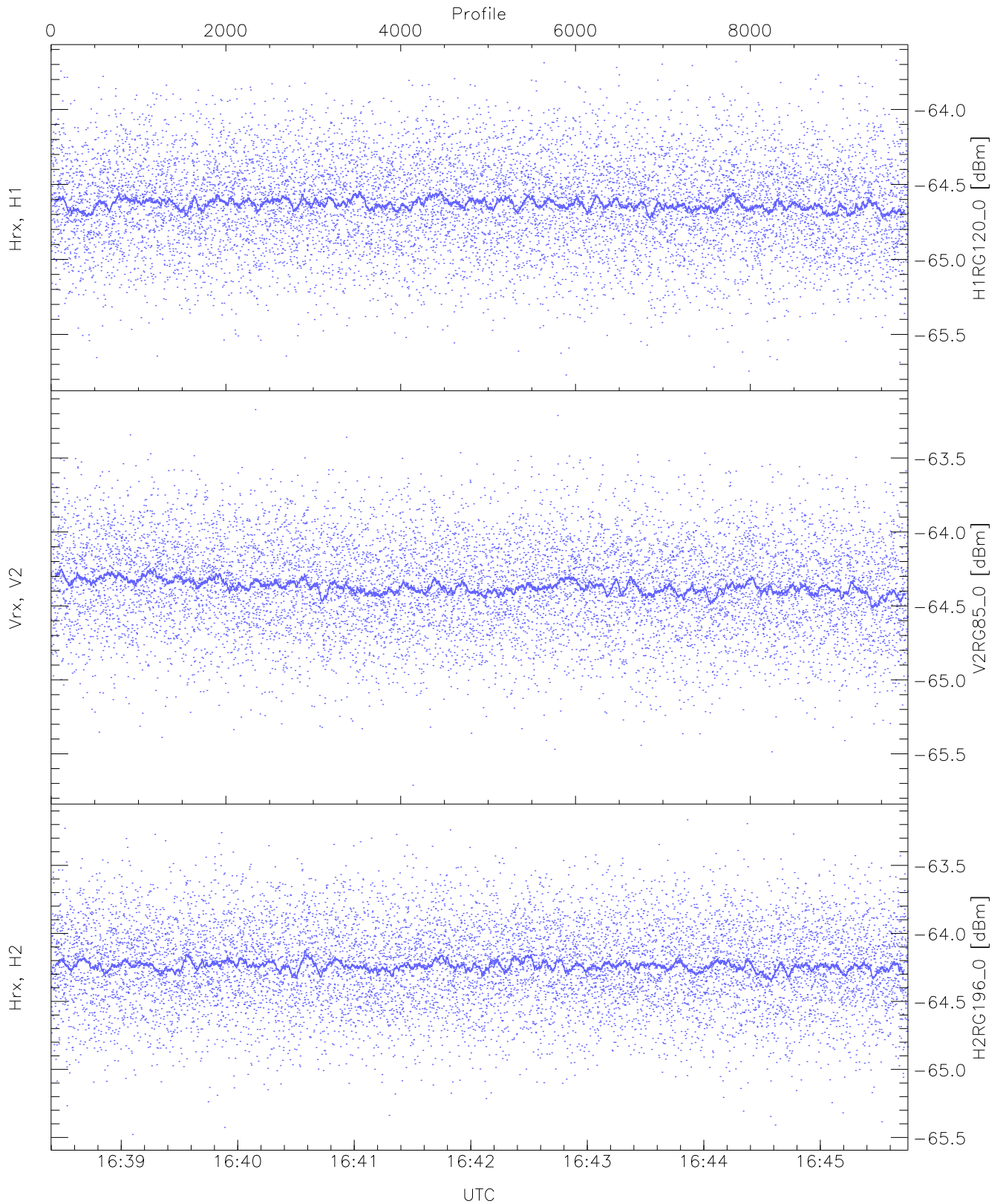
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.03	-62.84	-63.94	-63.95	-75.48
Vrx, V2 (HL [dBm])	-65.28	-62.93	-64.04	-64.04	-75.45
Hrx, H2 (HL [dBm])	-65.26	-62.82	-63.94	-63.95	-75.43





WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

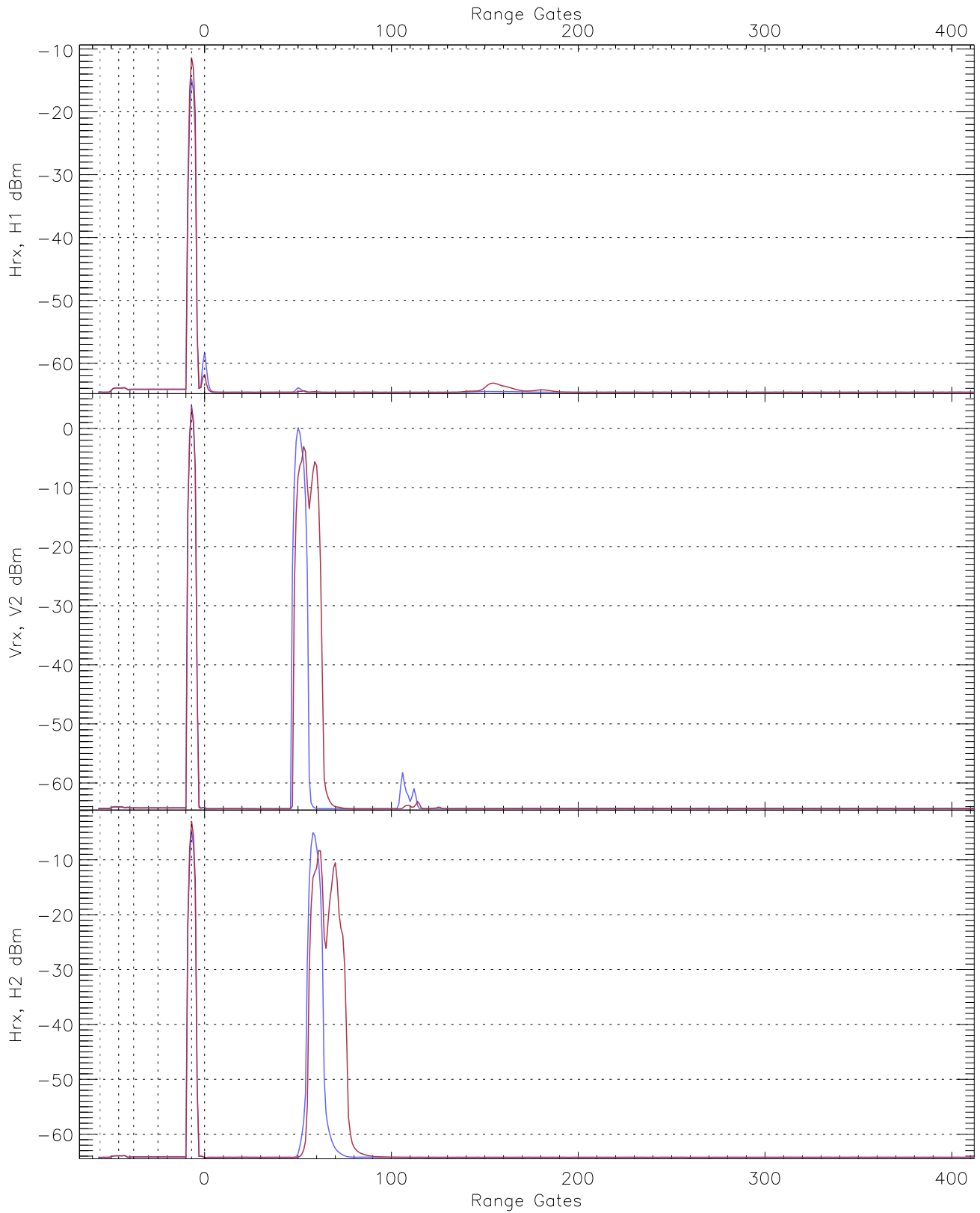
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.76	-63.55	-64.59	-64.59	-76.07
Vrx, V2 (RM [dBm])	-65.48	-63.15	-64.32	-64.33	-75.81
Hrx, H2 (RM [dBm])	-65.49	-63.14	-64.23	-64.24	-75.72



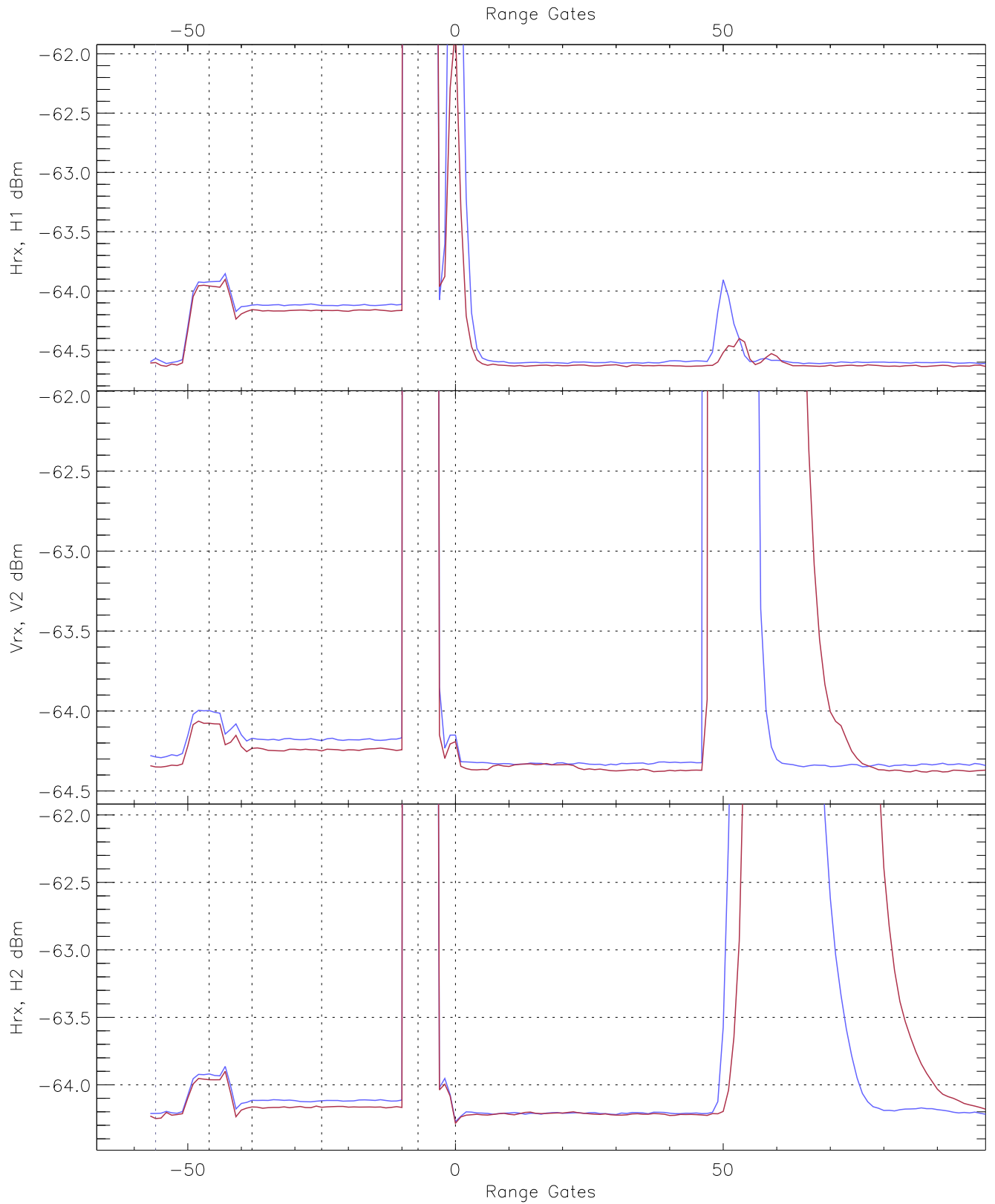
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG120_0 [dBm]	-65.77	-63.67	-64.62	-64.63	-76.20
V2RG85_0 [dBm]	-65.71	-63.17	-64.36	-64.37	-75.82
H2RG196_0 [dBm]	-65.48	-63.16	-64.23	-64.24	-75.69

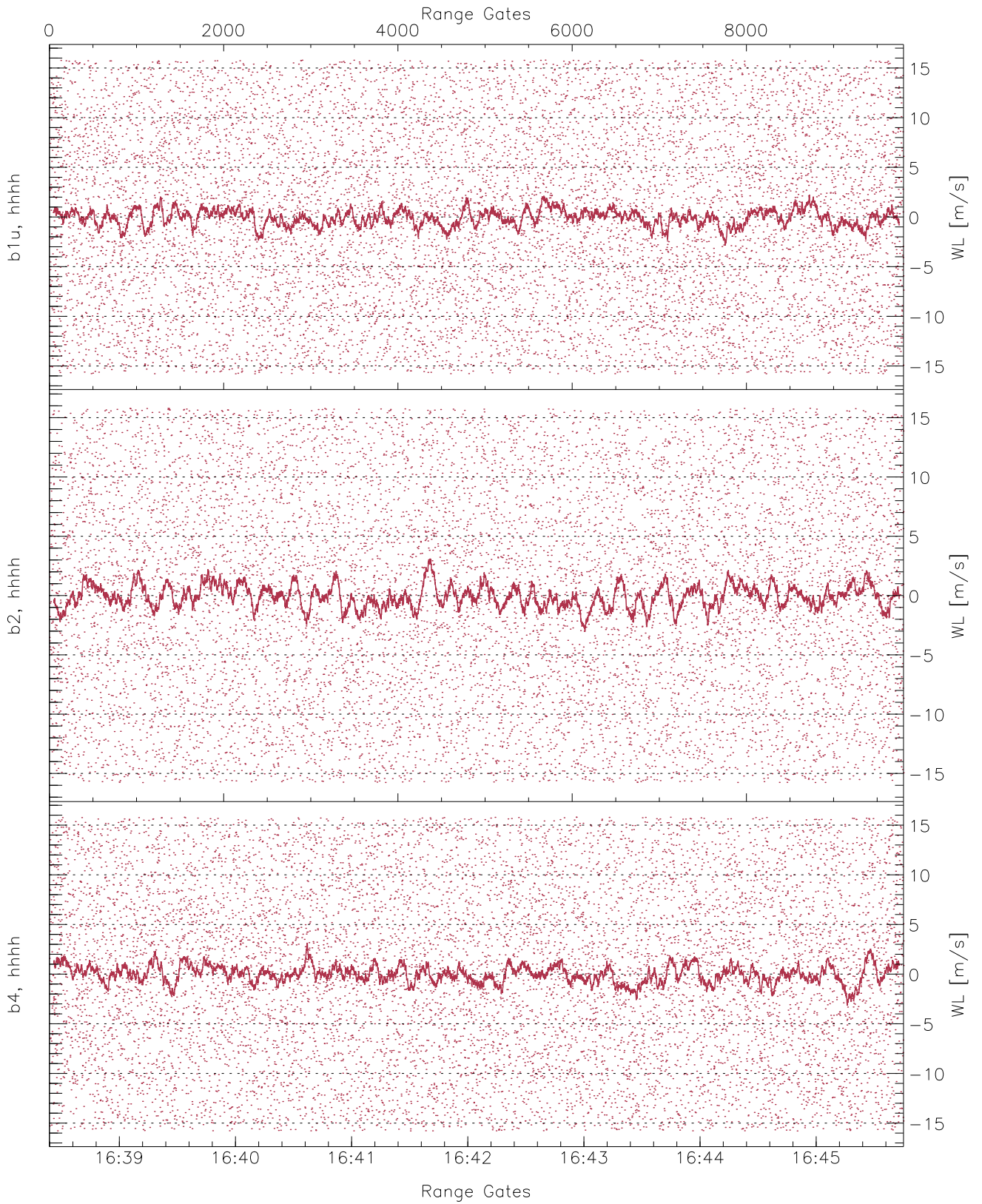




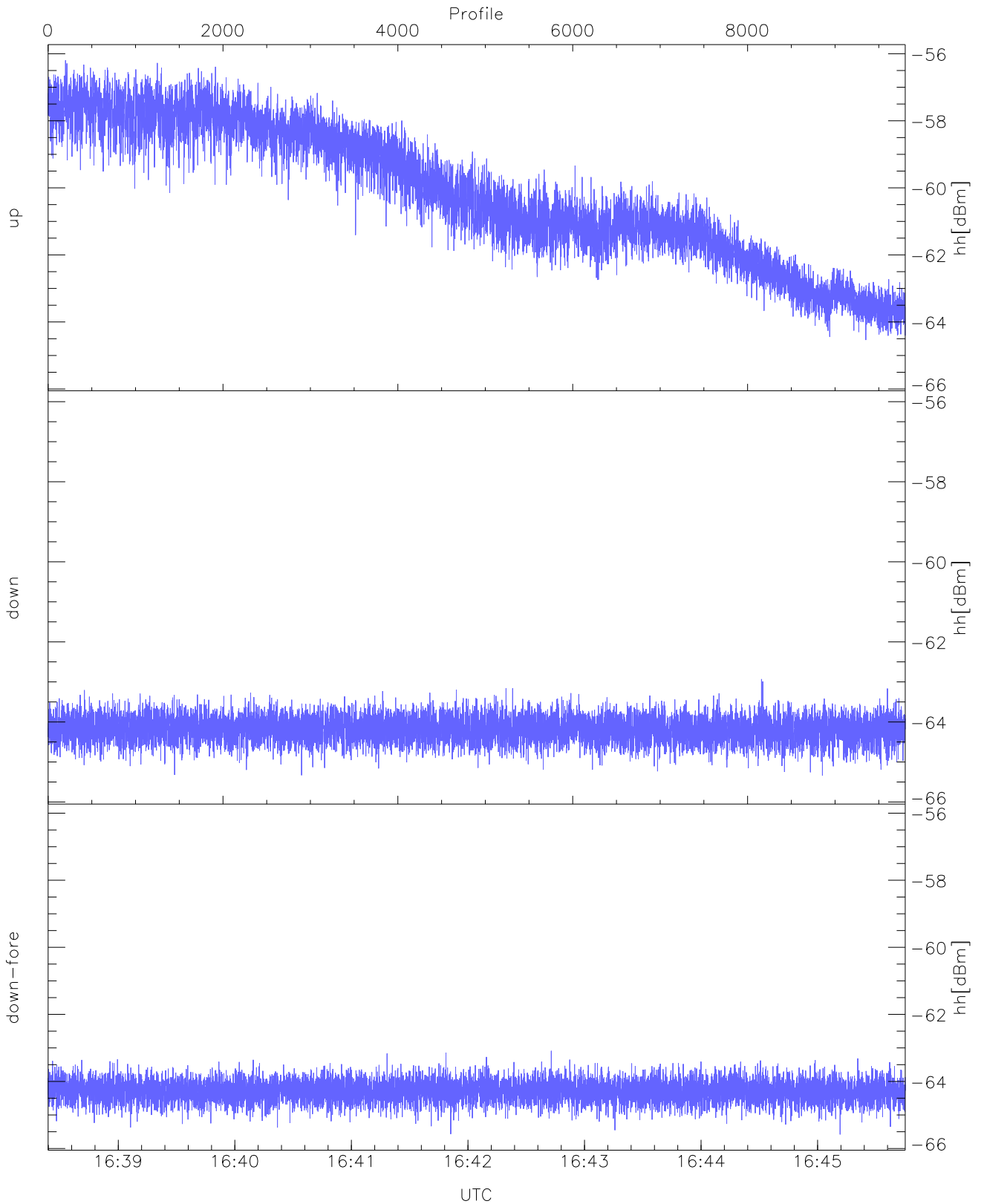
WCR3 CPP Averaged Received power for all recorded gates  
blue: 163824-164204, 4903 profiles averaged  
red: 164204-164545, 4902 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 163824-164204, 4903 profiles averaged  
red: 164204-164545, 4902 profiles averaged

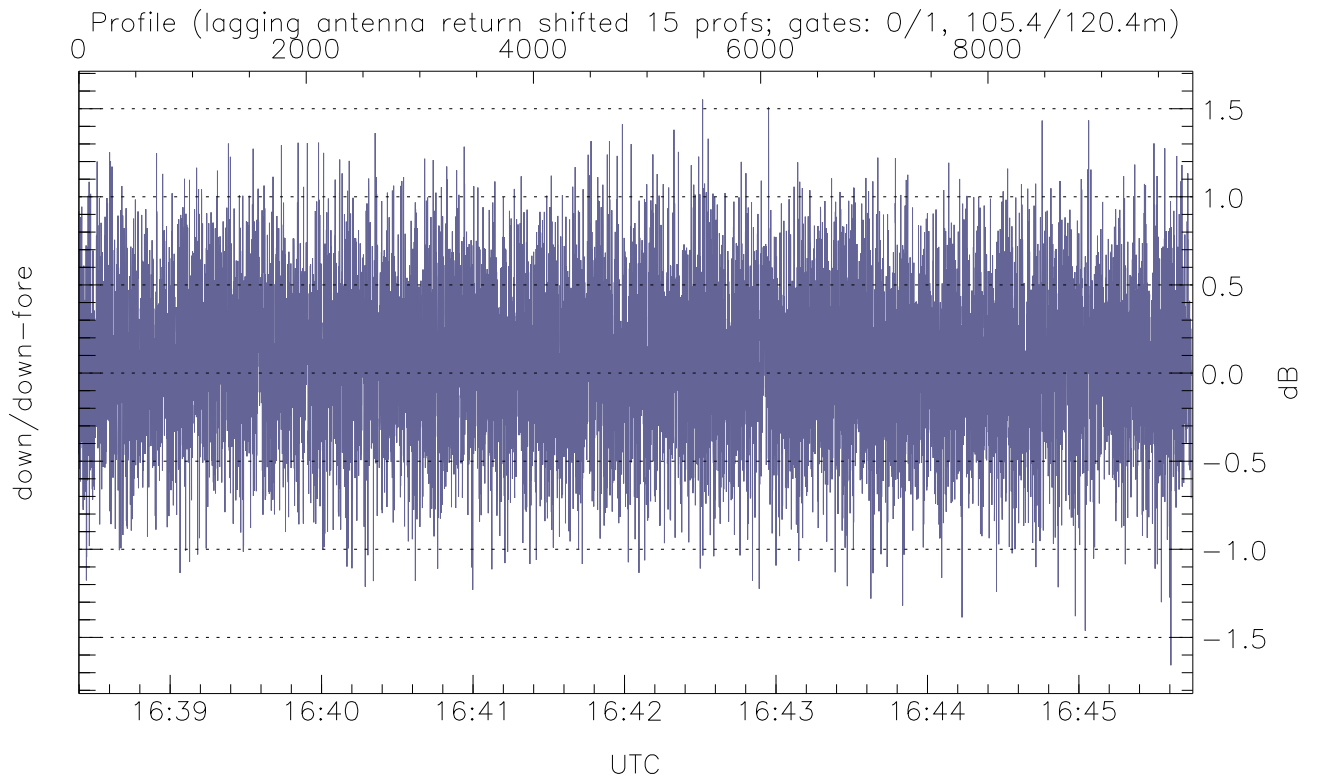
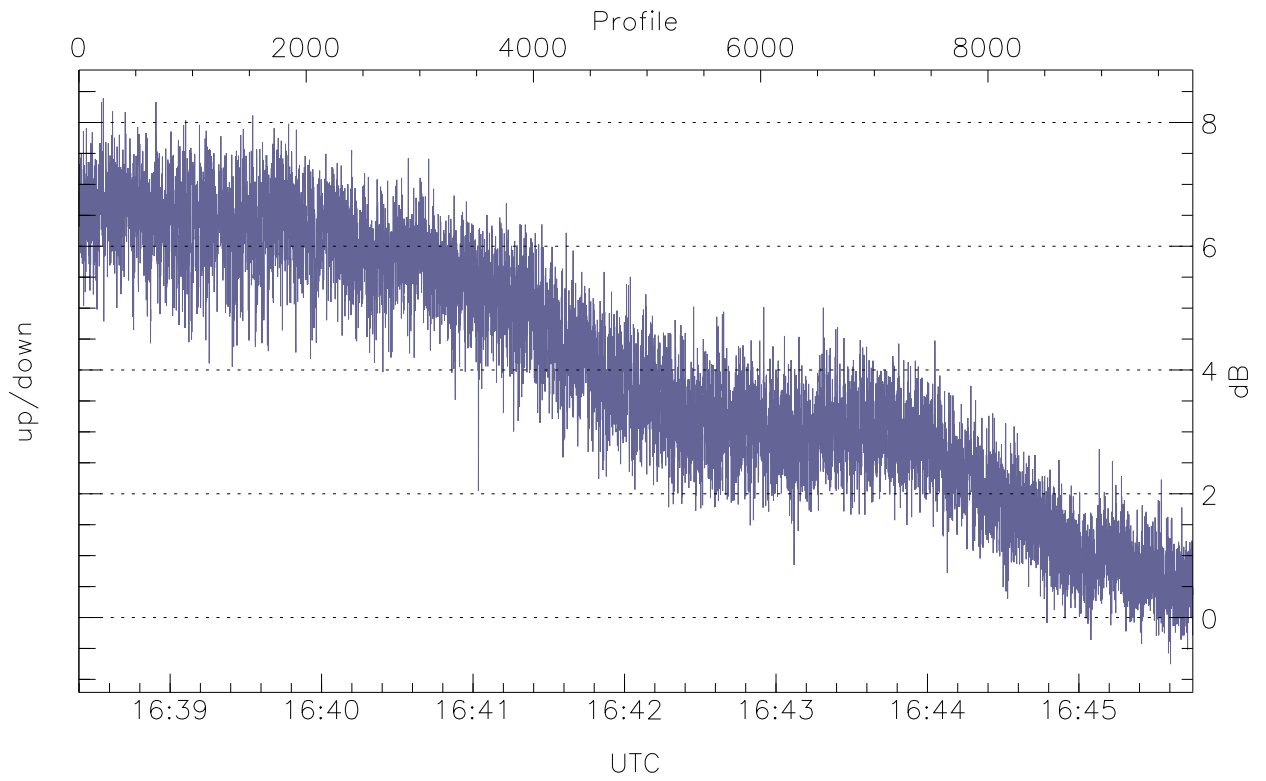


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



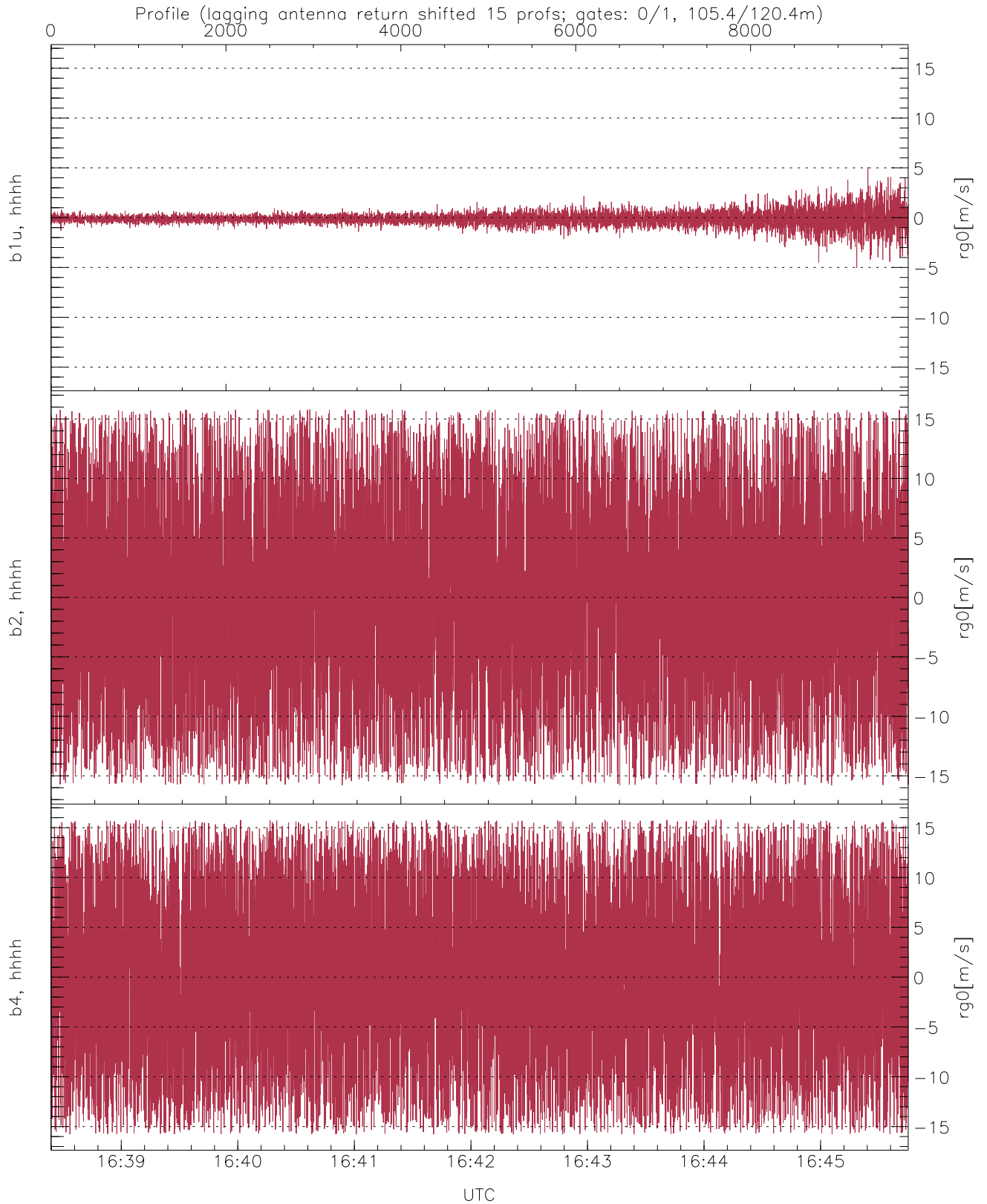
WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh[dBm])	-64.54	-56.20	-59.73
down(hh[dBm])	-65.34	-62.93	-64.17
down-fore(hh[dBm])	-65.58	-63.09	-64.28



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

	Min	Max	Mean
up/down (dB)	-0.75	8.39	4.00
down/down-fore (dB)	-1.66	1.55	0.06



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-5.01	5.06	-0.12	0.65
b2, hhhh(rg0[m/s])	-15.78	15.79	-0.03	8.27
b4, hhhh(rg0[m/s])	-15.79	15.79	-0.01	8.54