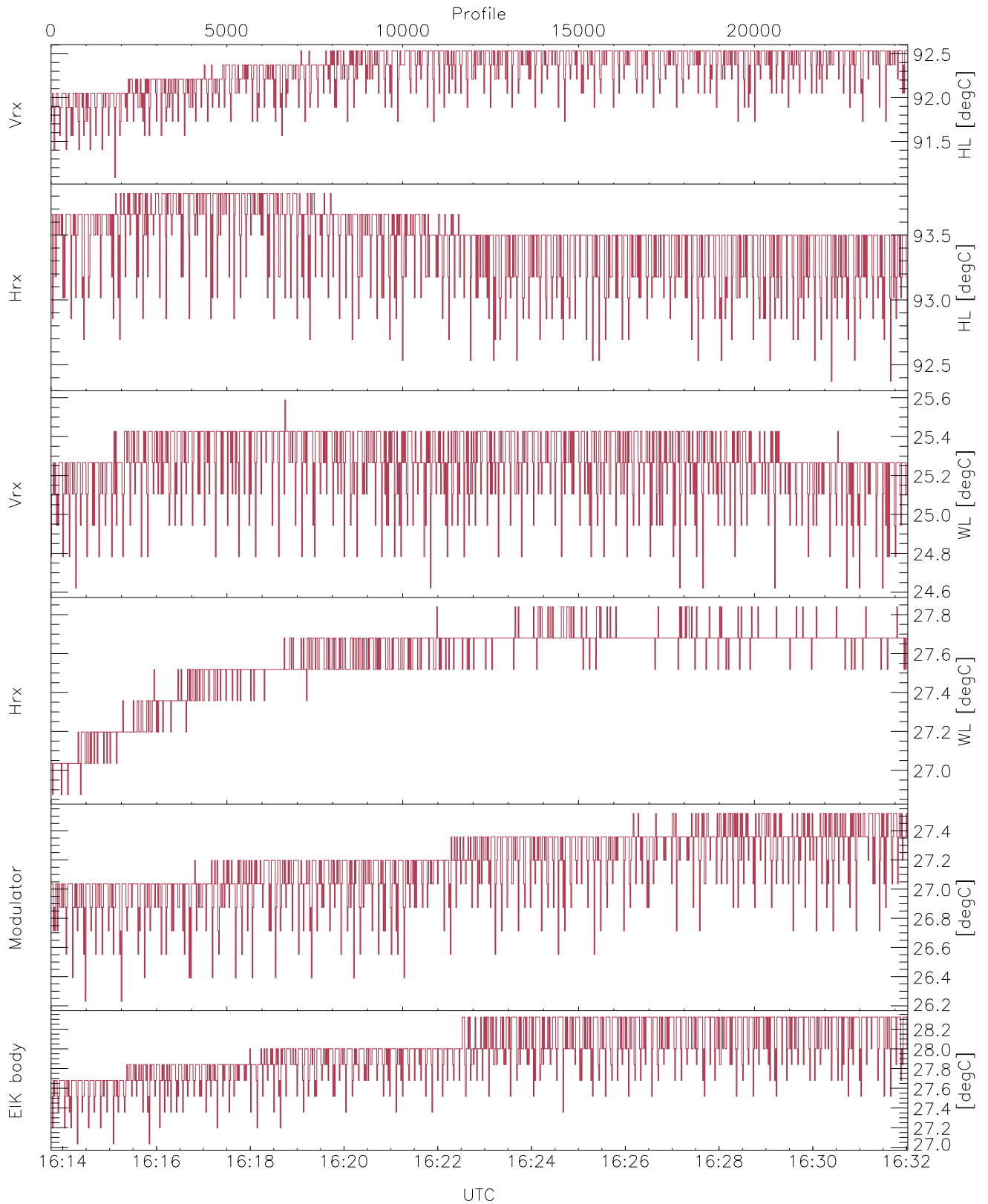


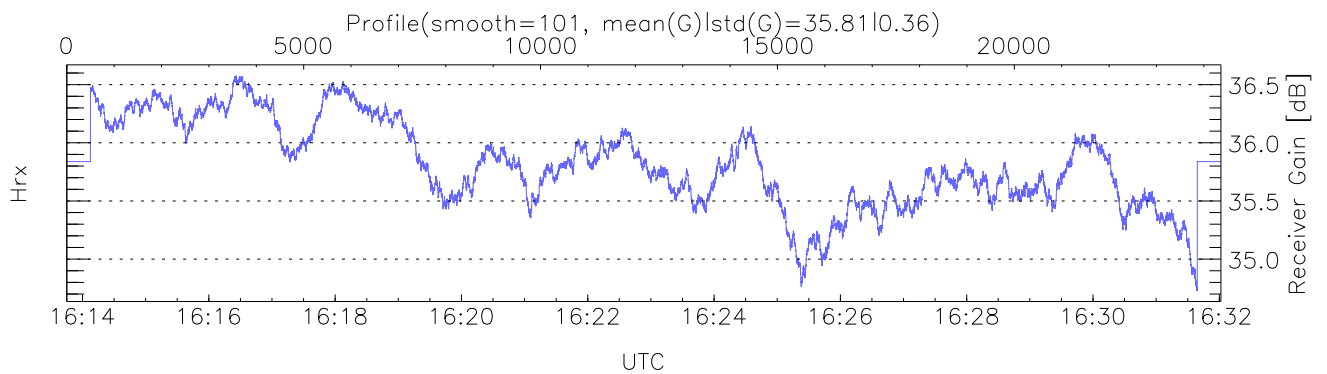
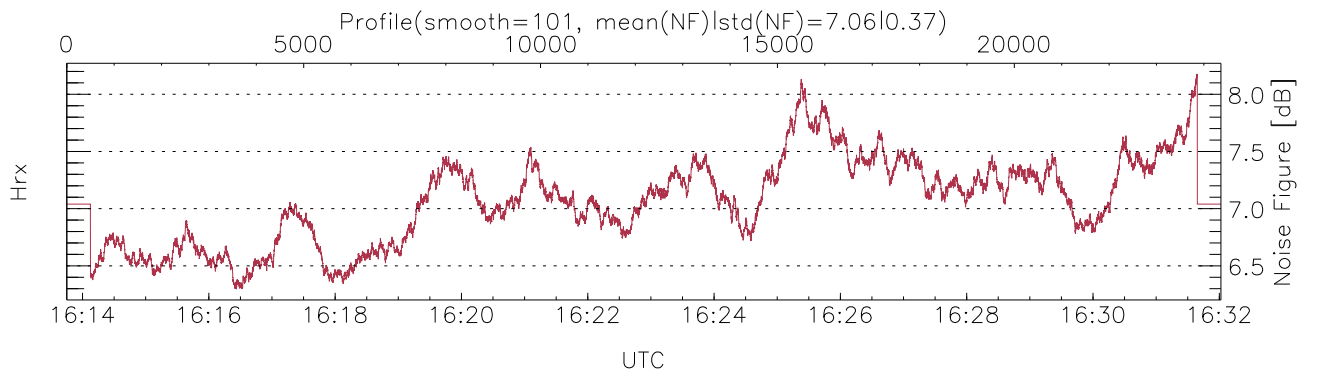
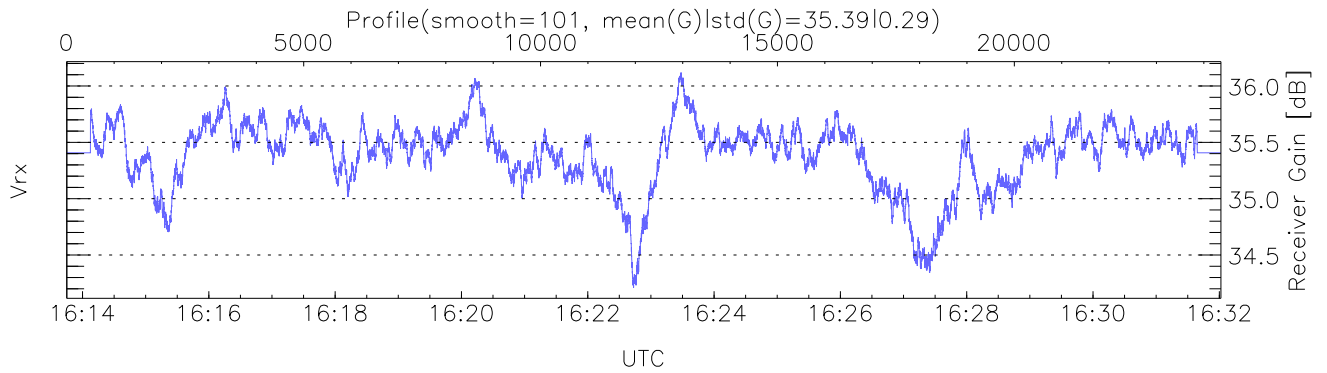
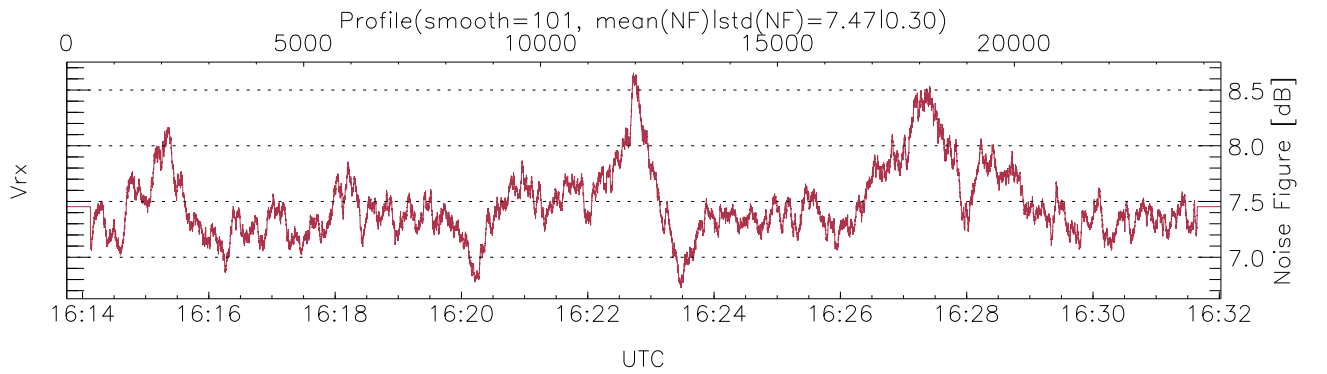
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:13:45-16:32:02, TimeCor: 0.00s, Dur: 1096.52s  
 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): 24362/24362, 0-24361/16:13:45-16:32:02  
 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



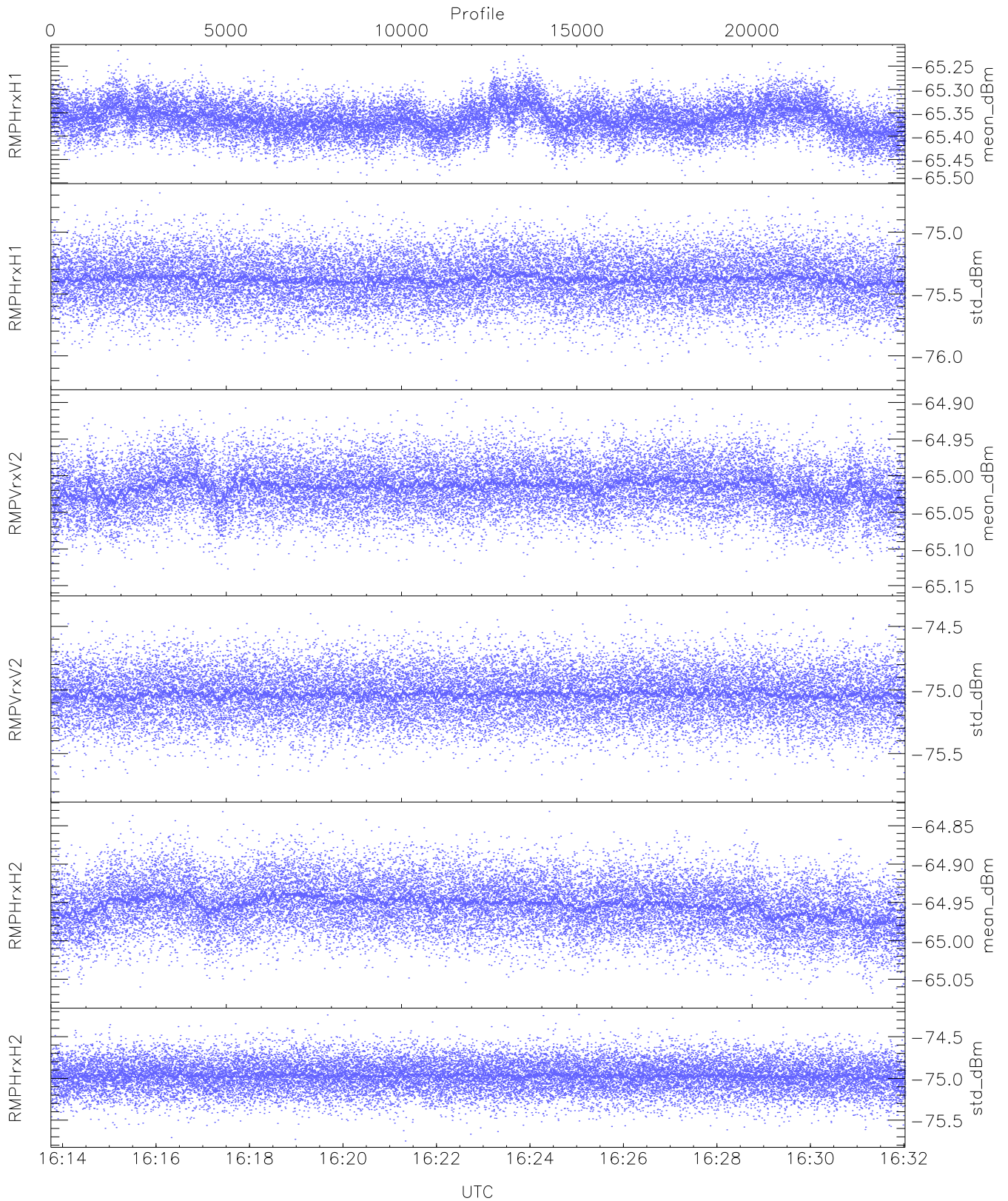
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,26,26,27  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,27,27,28  
 LOalarm(20,240,2817,14861 MHz): 0,0,45,0  
 EIK Faults(# prof affected):  
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (23,23,23,23,23,23)



### WCR3 CPP Receivers Gain and Noise Figure

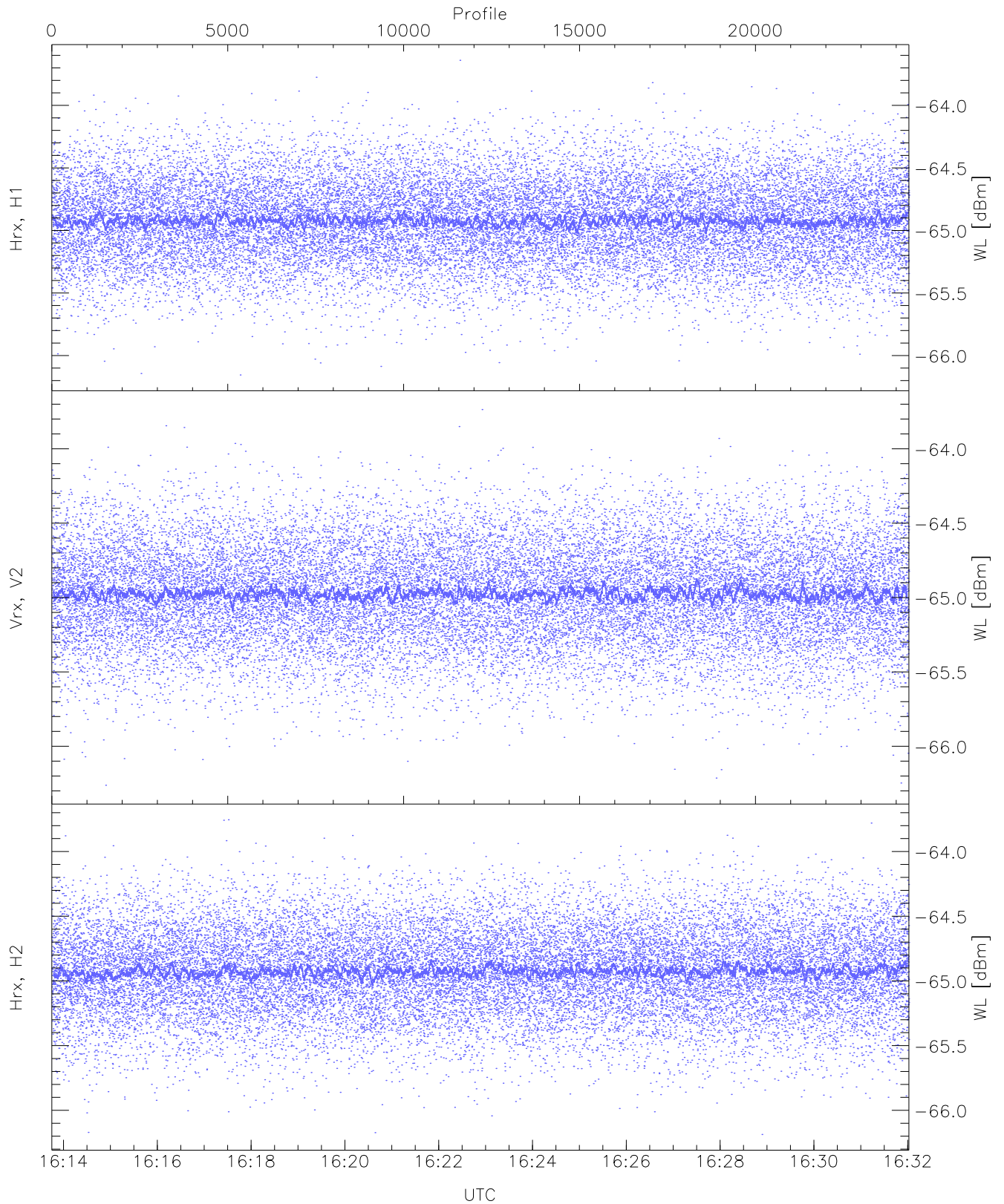
Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



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

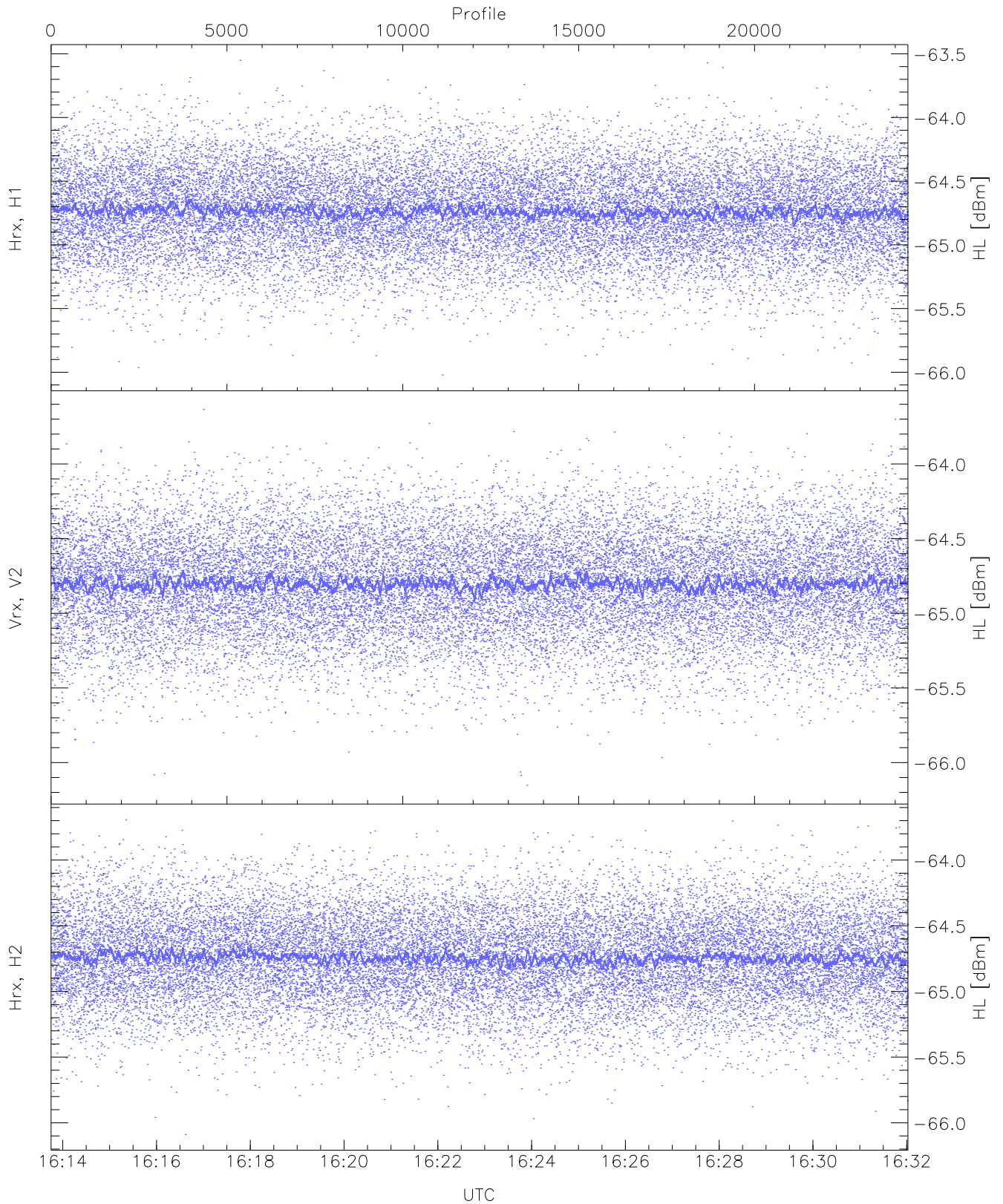
	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.49	-65.22	-65.36	-65.36	-86.35
RMPHrxH1 (std_dBm)	-76.20	-74.68	-75.38	-75.38	-89.15
RMPVrxV2 (mean_dBm)	-65.15	-64.90	-65.02	-65.02	-86.44
RMPVrxV2 (std_dBm)	-75.81	-74.33	-75.03	-75.03	-88.82
RMPHrxH2 (mean_dBm)	-65.08	-64.83	-64.95	-64.95	-86.36
RMPHrxH2 (std_dBm)	-75.75	-74.23	-74.97	-74.97	-88.77





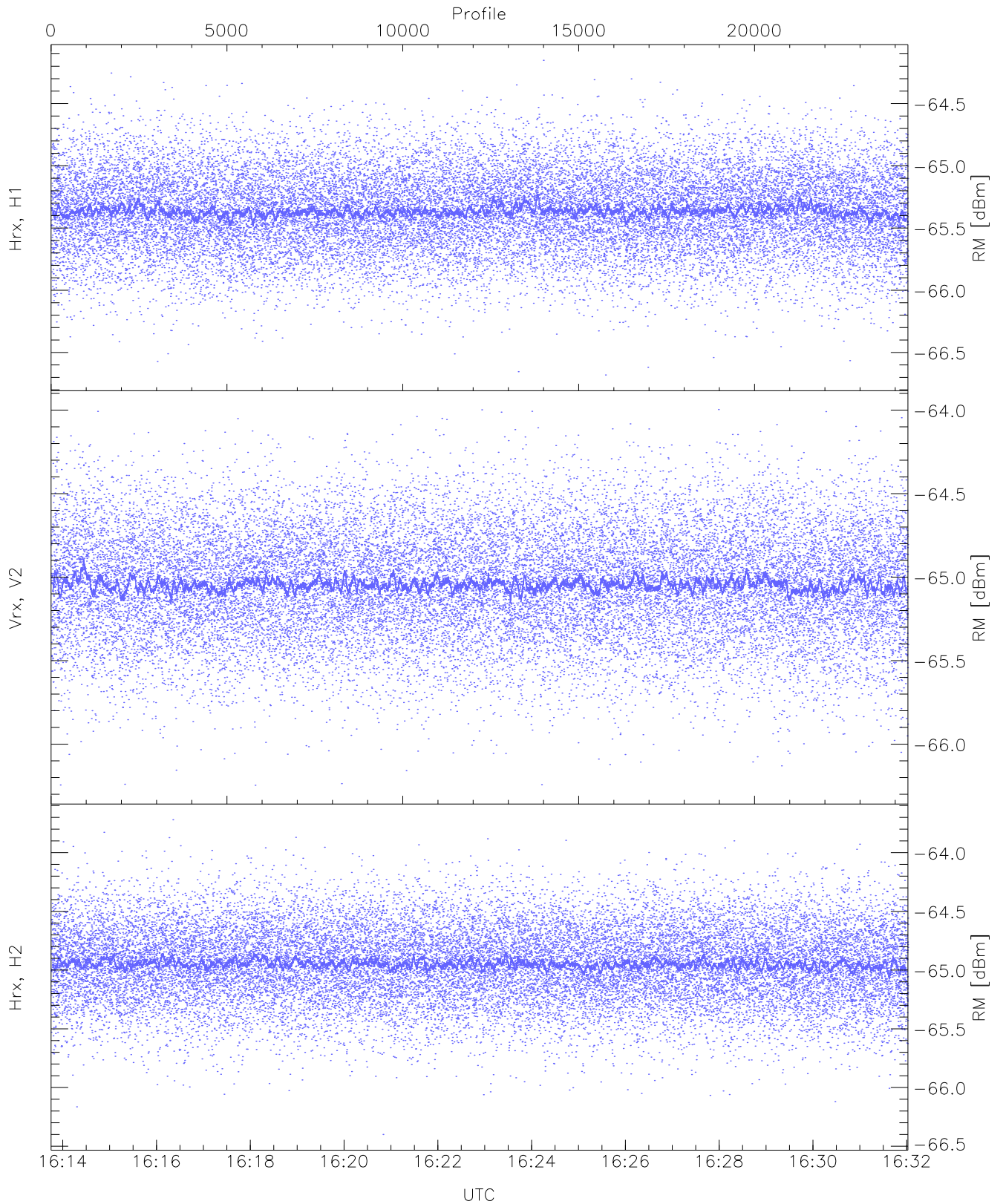
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.16	-63.64	-64.92	-64.92	-76.42
Vrx, V2(WL [dBm])	-66.26	-63.74	-64.97	-64.98	-76.46
Hrx, H2(WL [dBm])	-66.19	-63.75	-64.92	-64.93	-76.41



WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

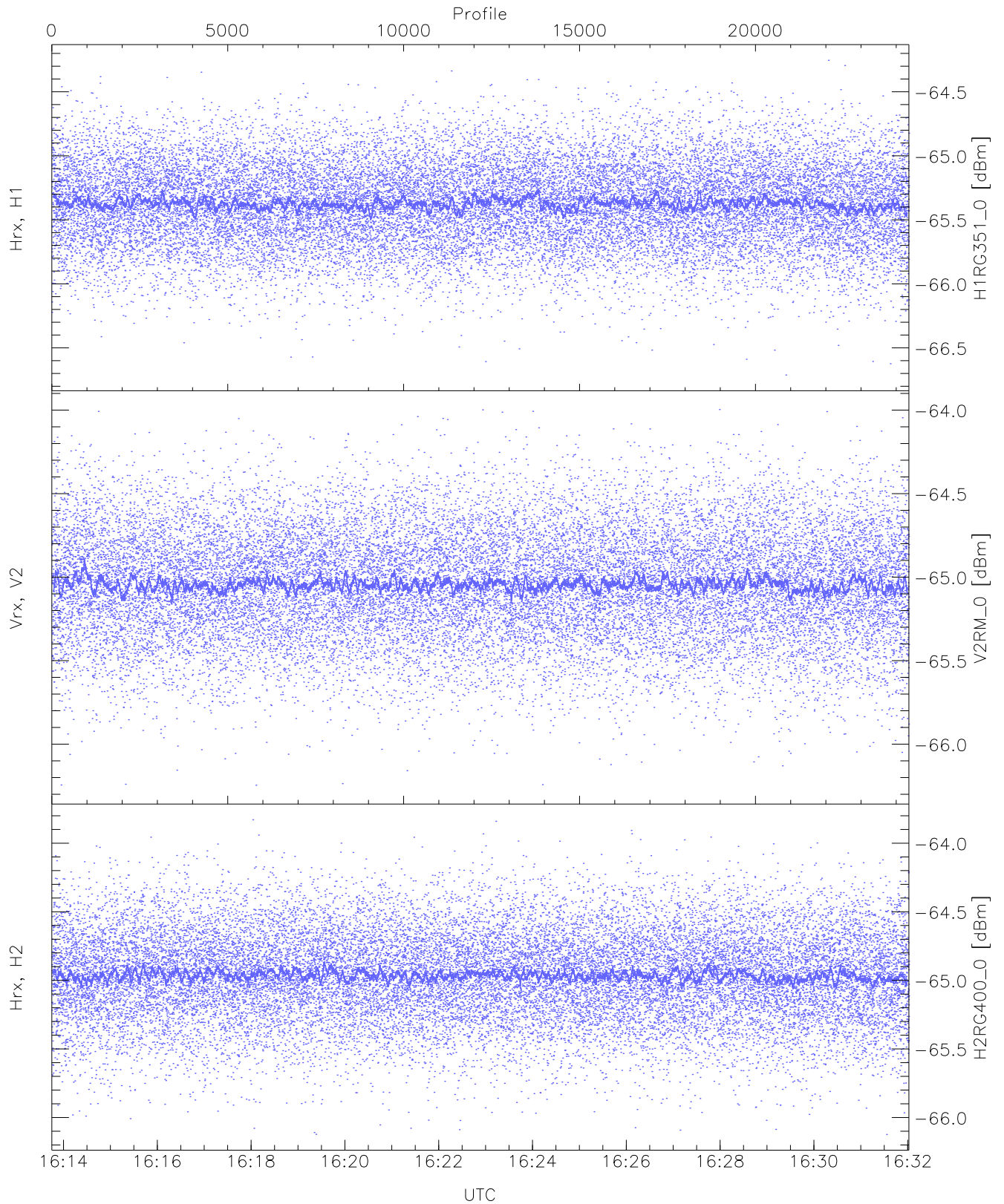
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.02	-63.55	-64.73	-64.74	-76.22
Vrx, V2 (HL [dBm])	-66.15	-63.64	-64.80	-64.80	-76.33
Hrx, H2 (HL [dBm])	-66.09	-63.69	-64.74	-64.75	-76.28



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

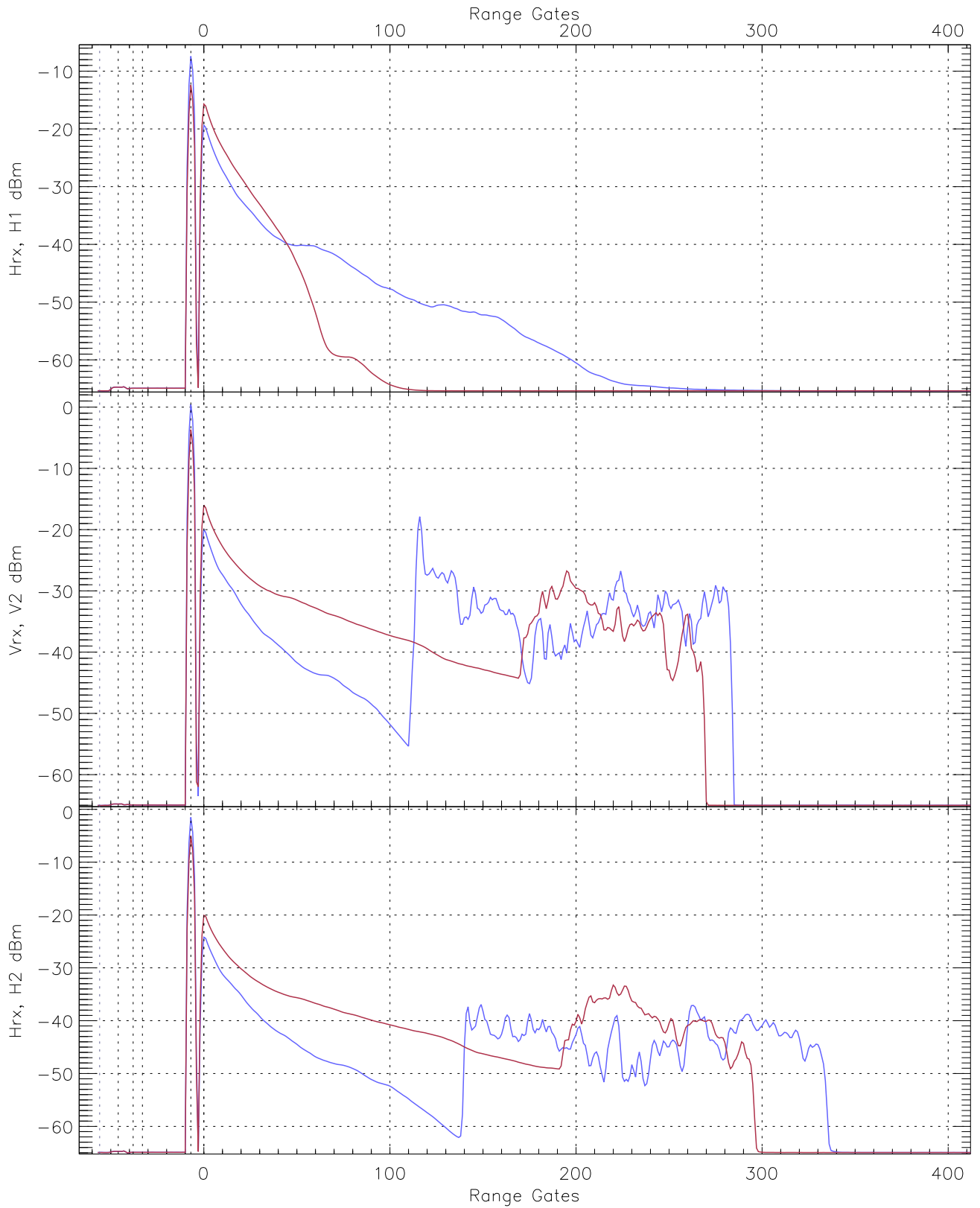
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.68	-64.15	-65.36	-65.36	-76.86
Vrx, V2 (RM [dBm])	-66.25	-64.00	-65.04	-65.04	-76.56
Hrx, H2 (RM [dBm])	-66.40	-63.72	-64.94	-64.95	-76.42





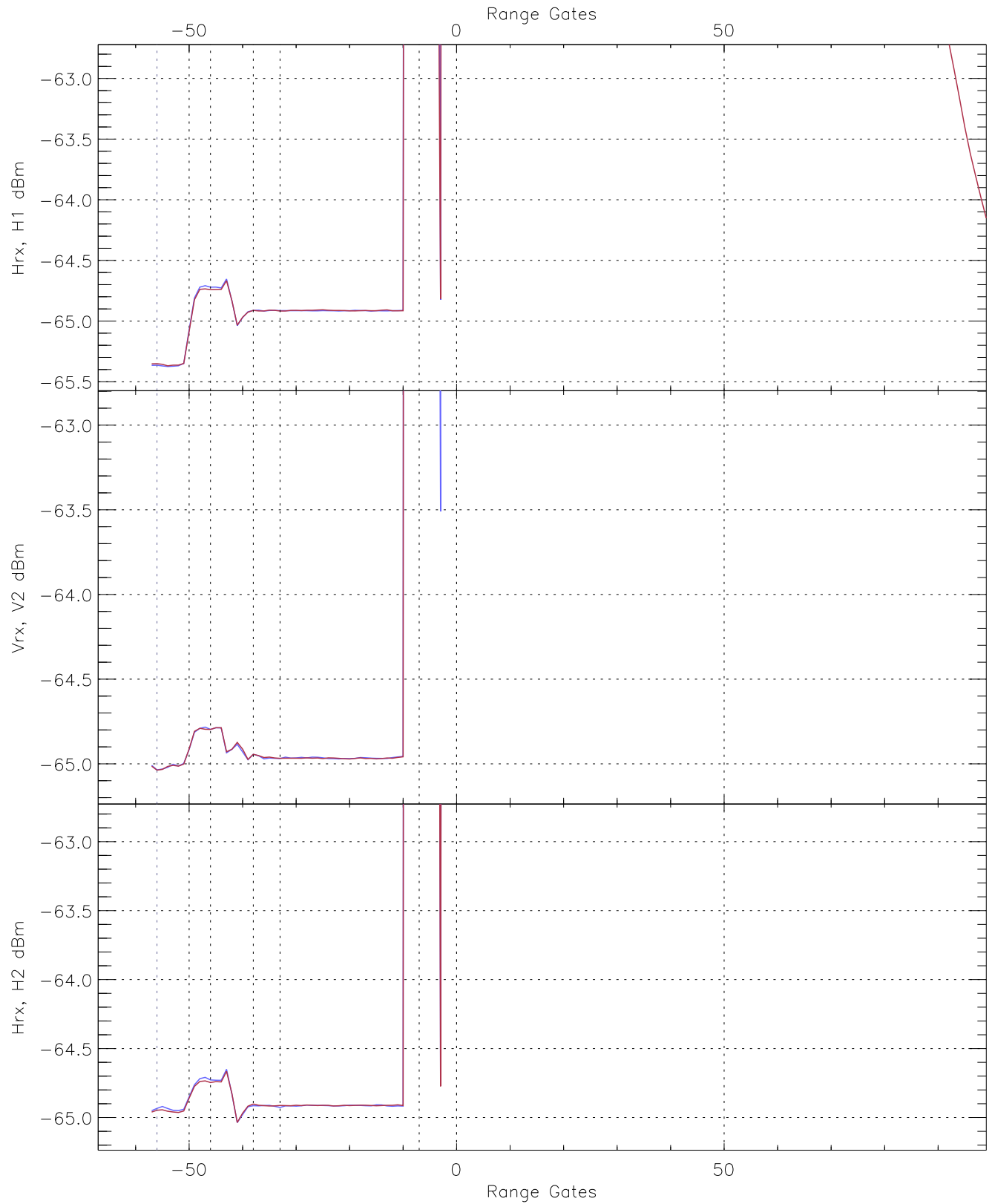
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG351_0 [dBm]	-66.71	-64.25	-65.37	-65.37	-76.88
V2RM_0 [dBm]	-66.25	-64.00	-65.04	-65.04	-76.56
H2RG400_0 [dBm]	-66.12	-63.83	-64.96	-64.96	-76.45

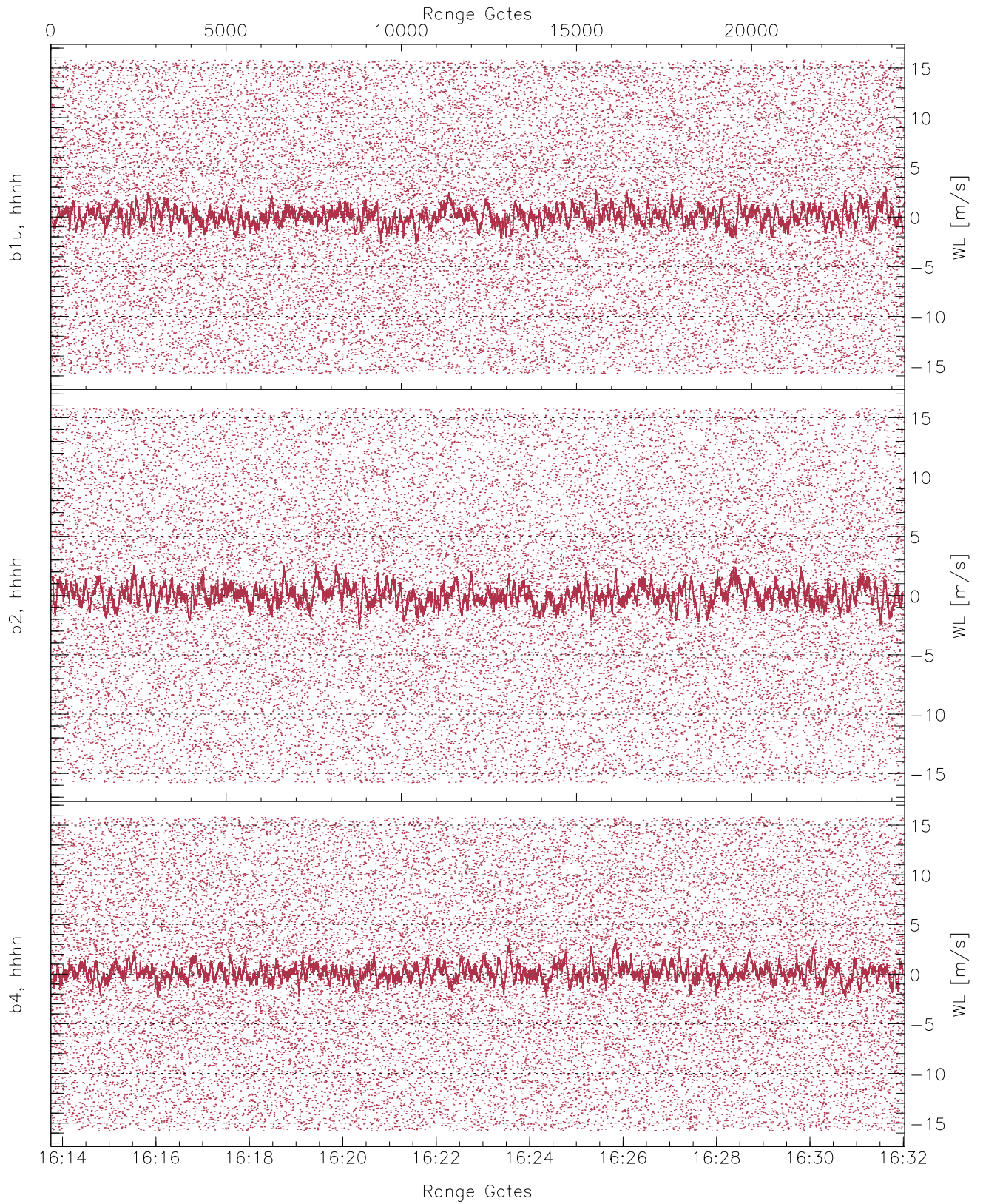


WCR3 CPP Averaged Received power for all recorded gates  
blue: 161345-162253, 12182 profiles averaged  
red: 162253-163202, 12181 profiles averaged

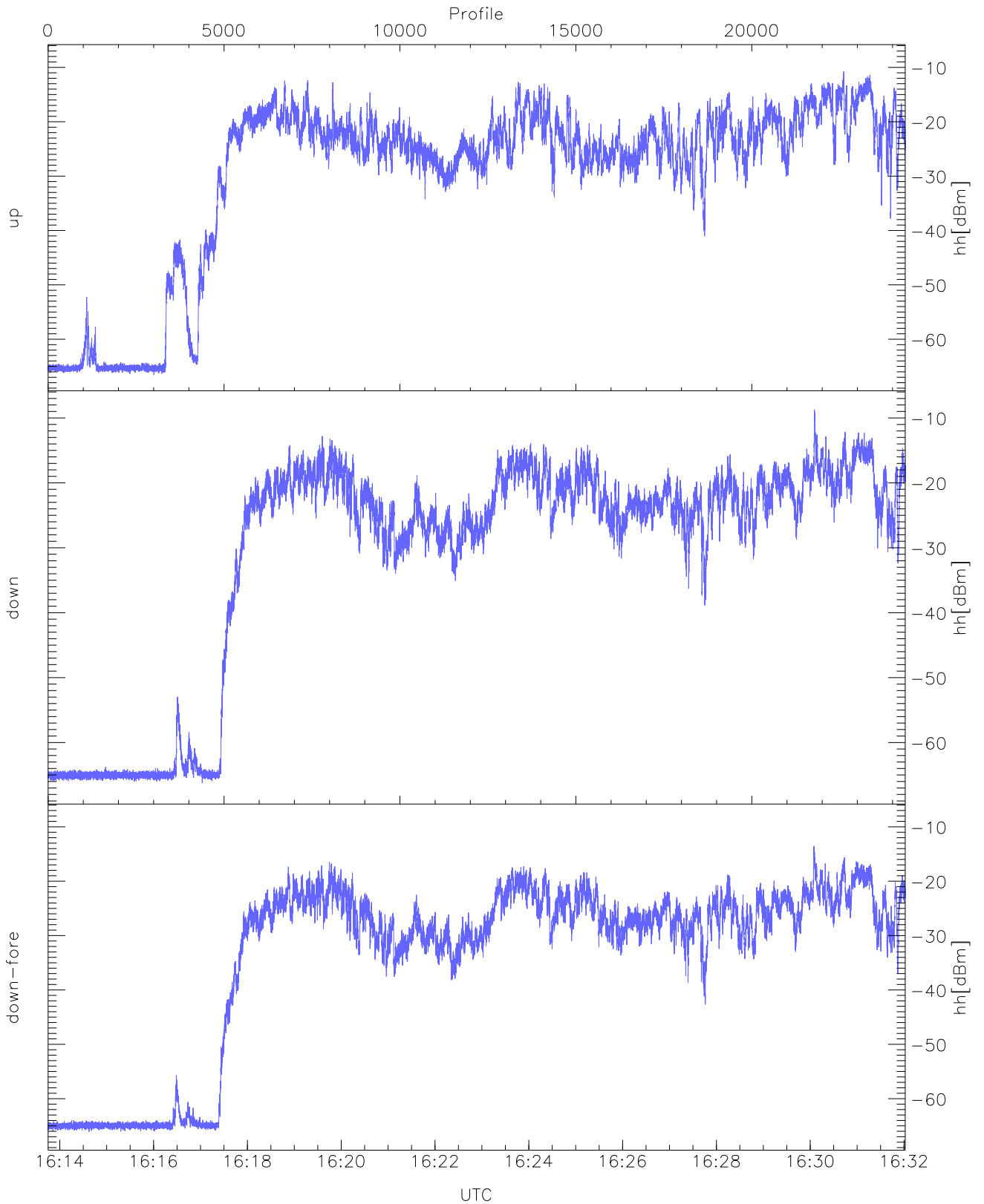




WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 161345-162253, 12182 profiles averaged  
red: 162253-163202, 12181 profiles averaged

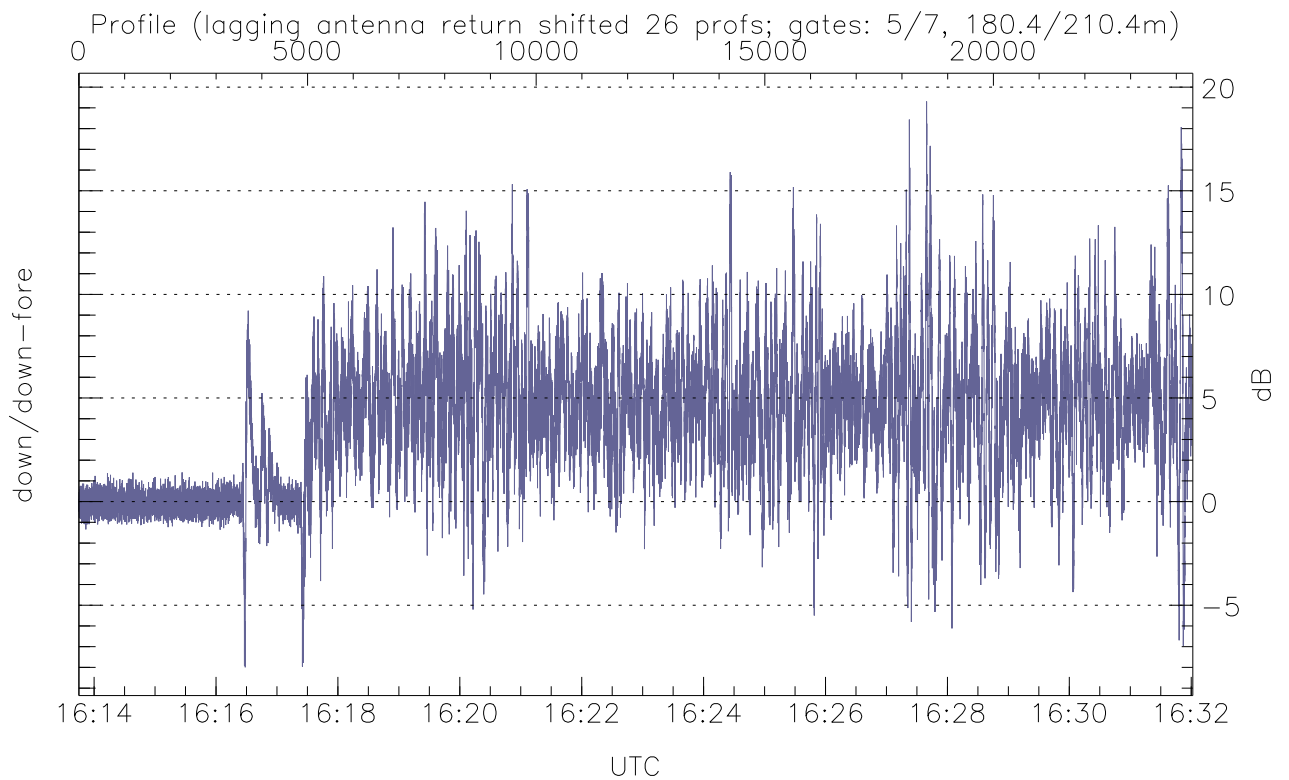
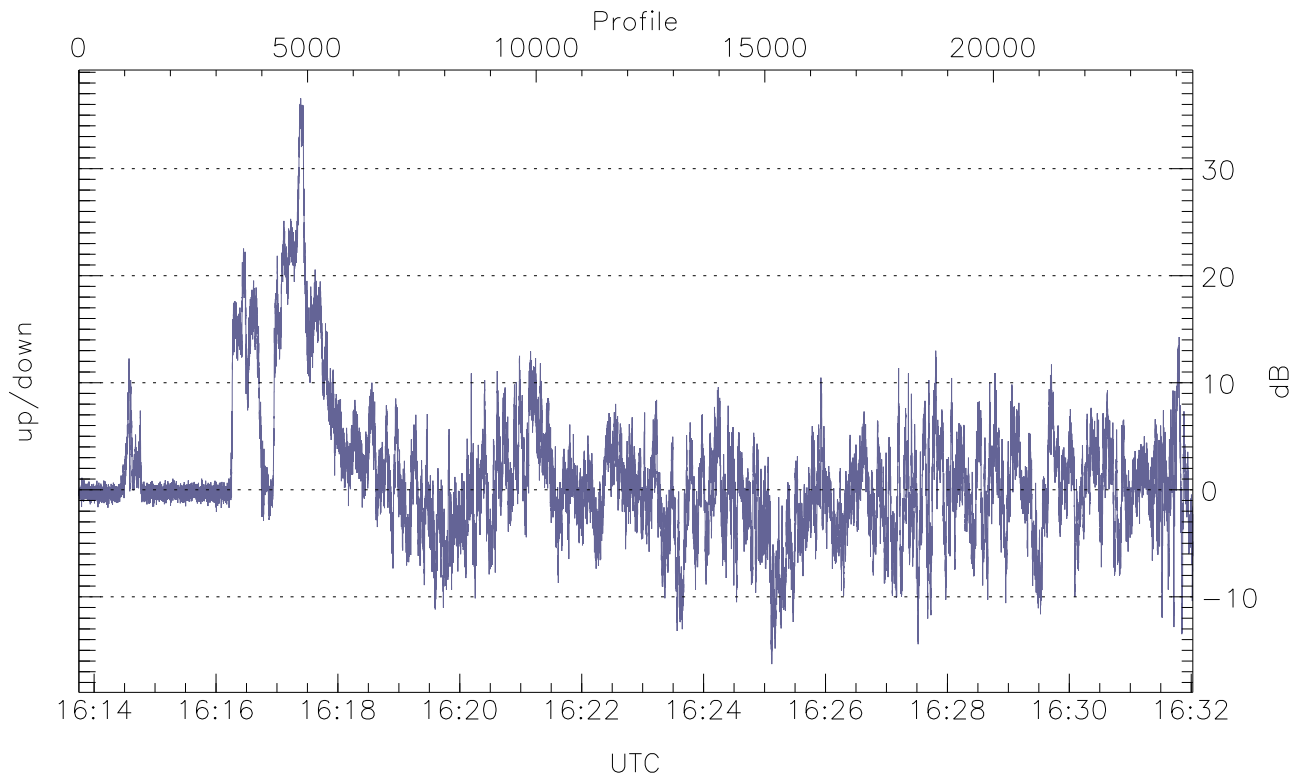


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



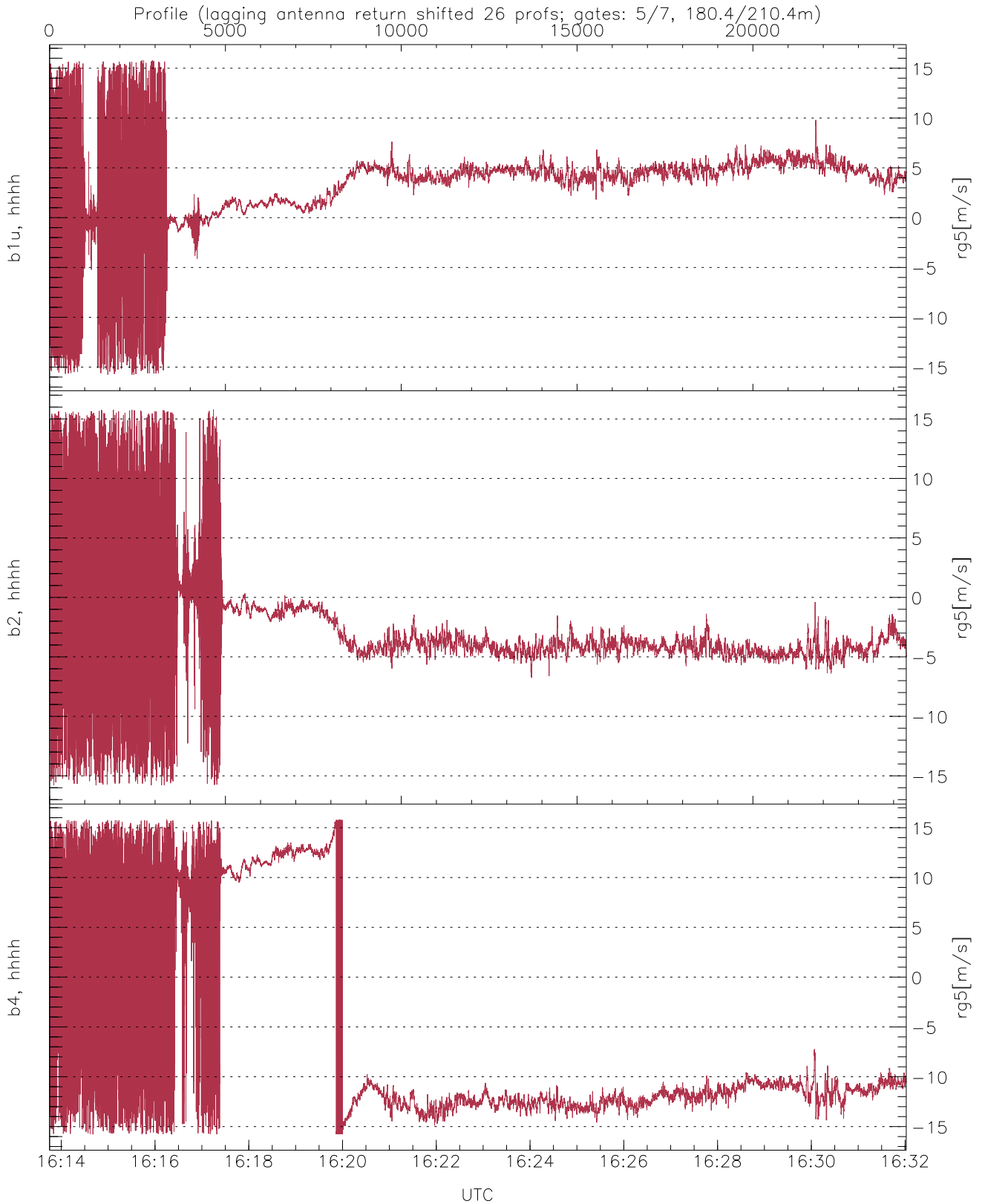
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.58	-10.78	-21.35
down(hh[dBm])	-66.22	-8.70	-21.51
down-fore(hh[dBm])	-66.08	-13.52	-25.17



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

	Min	Max	Mean
up/down (dB)	-16.28	36.57	1.23
down/down-fore (dB)	-7.99	19.31	3.89



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.76	15.79	3.30	3.54
b2, hhhh(rg5[m/s])	-15.79	15.79	-2.85	3.95
b4, hhhh(rg5[m/s])	-15.78	15.79	-6.01	9.84