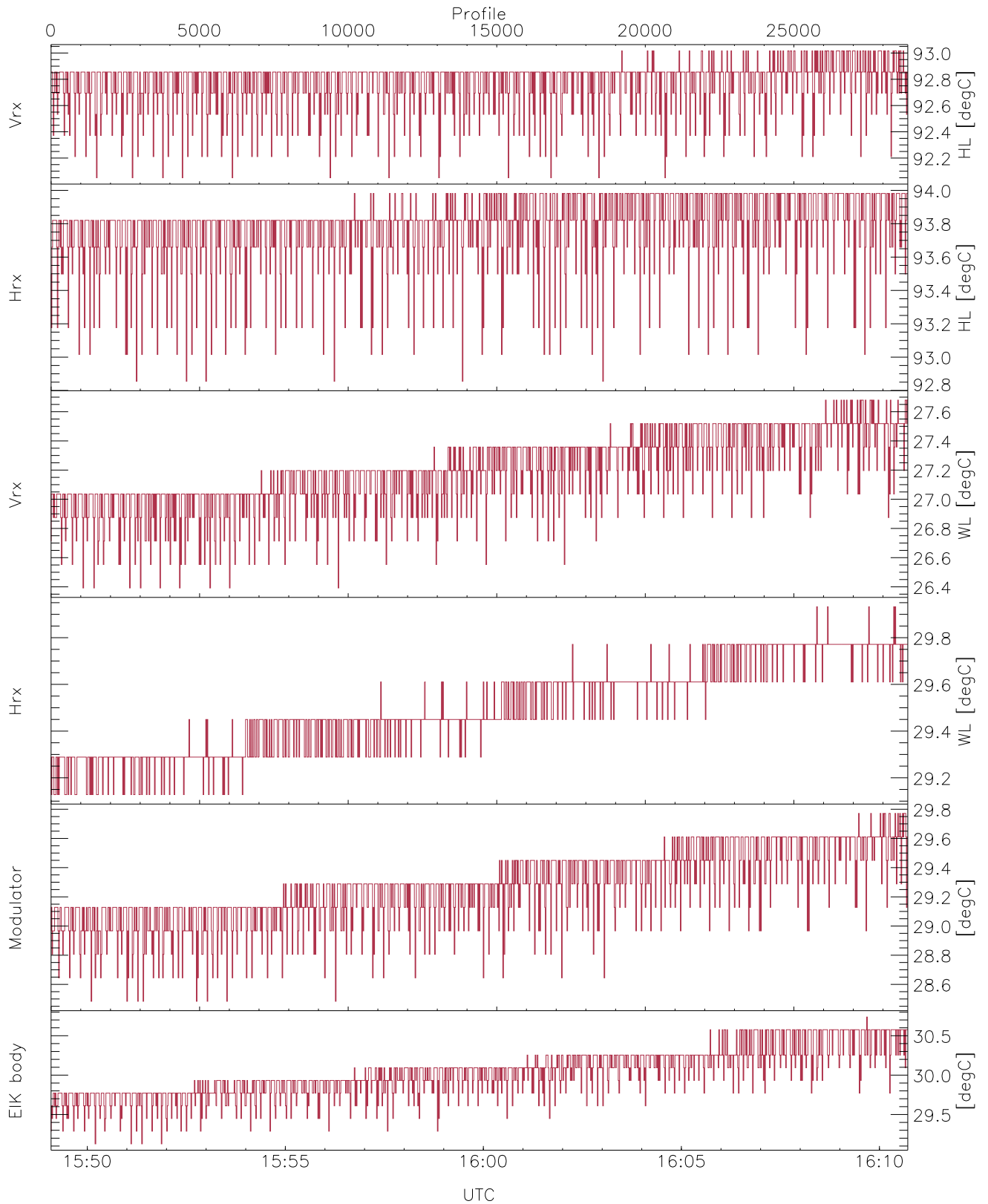


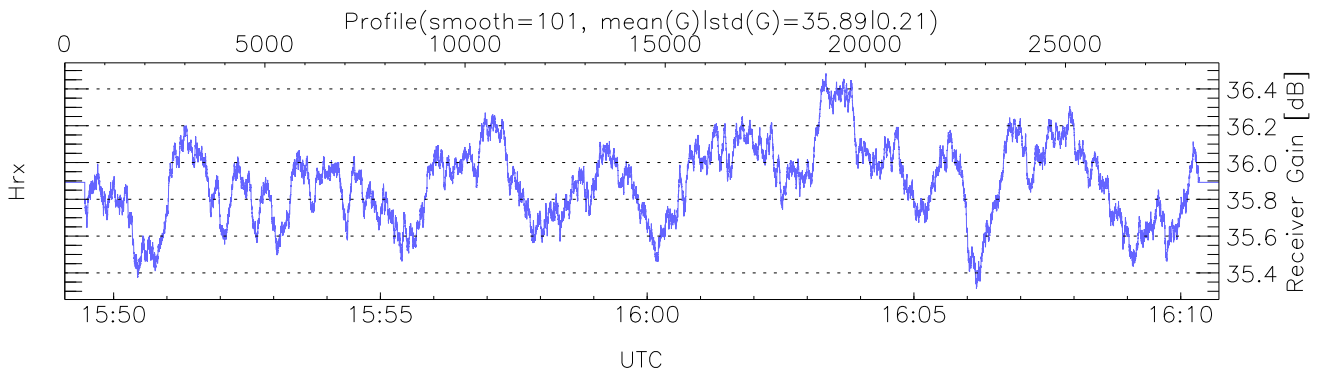
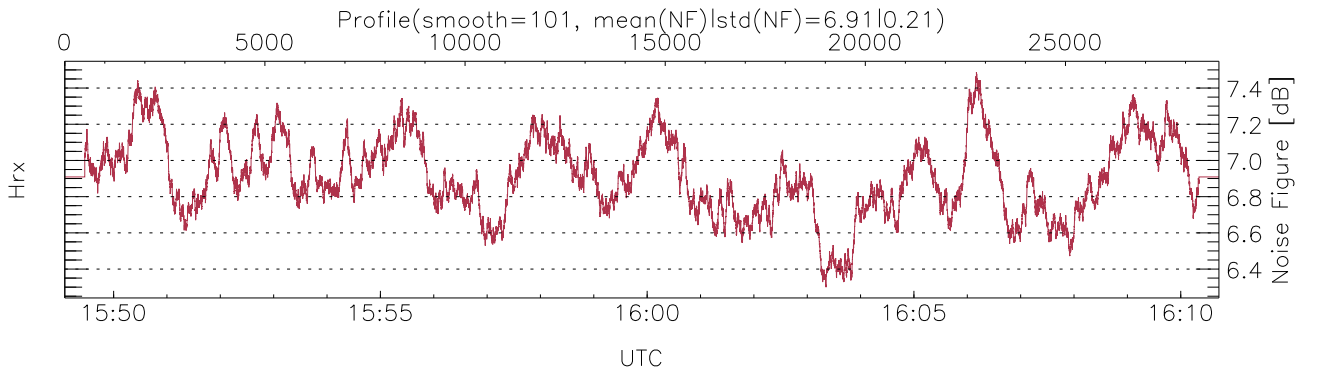
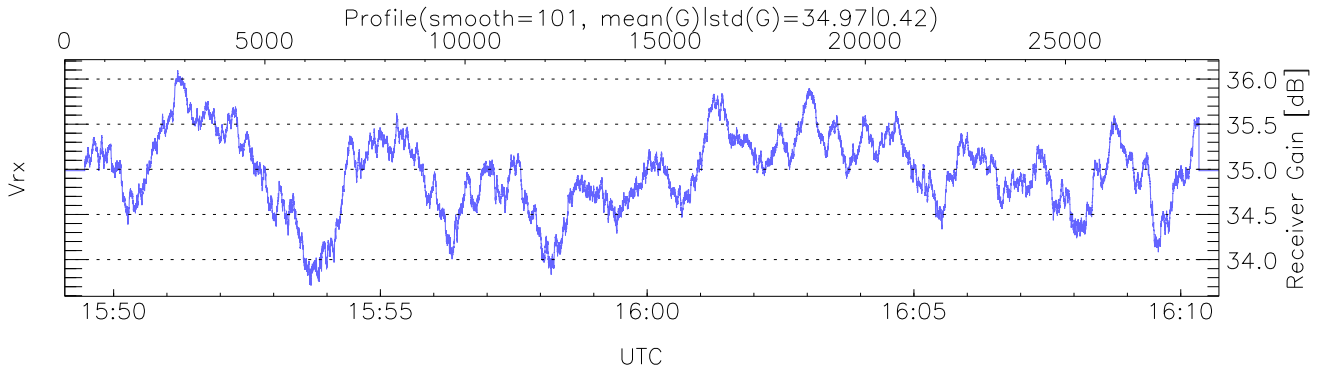
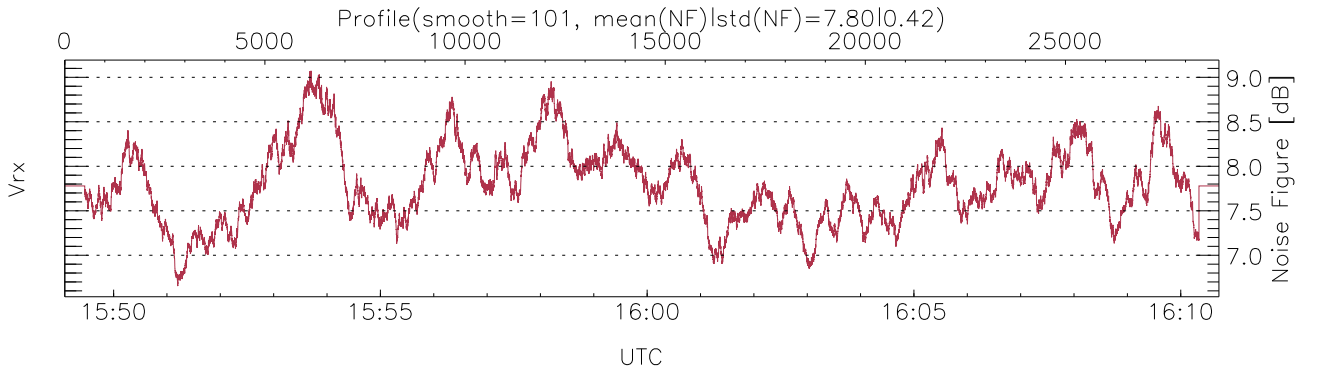
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:49:05-16:10:43, TimeCor: 0.00s, Dur: 1297.90s  
 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): 28836/28836, 0-28835/15:49:05-16:10:43  
 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



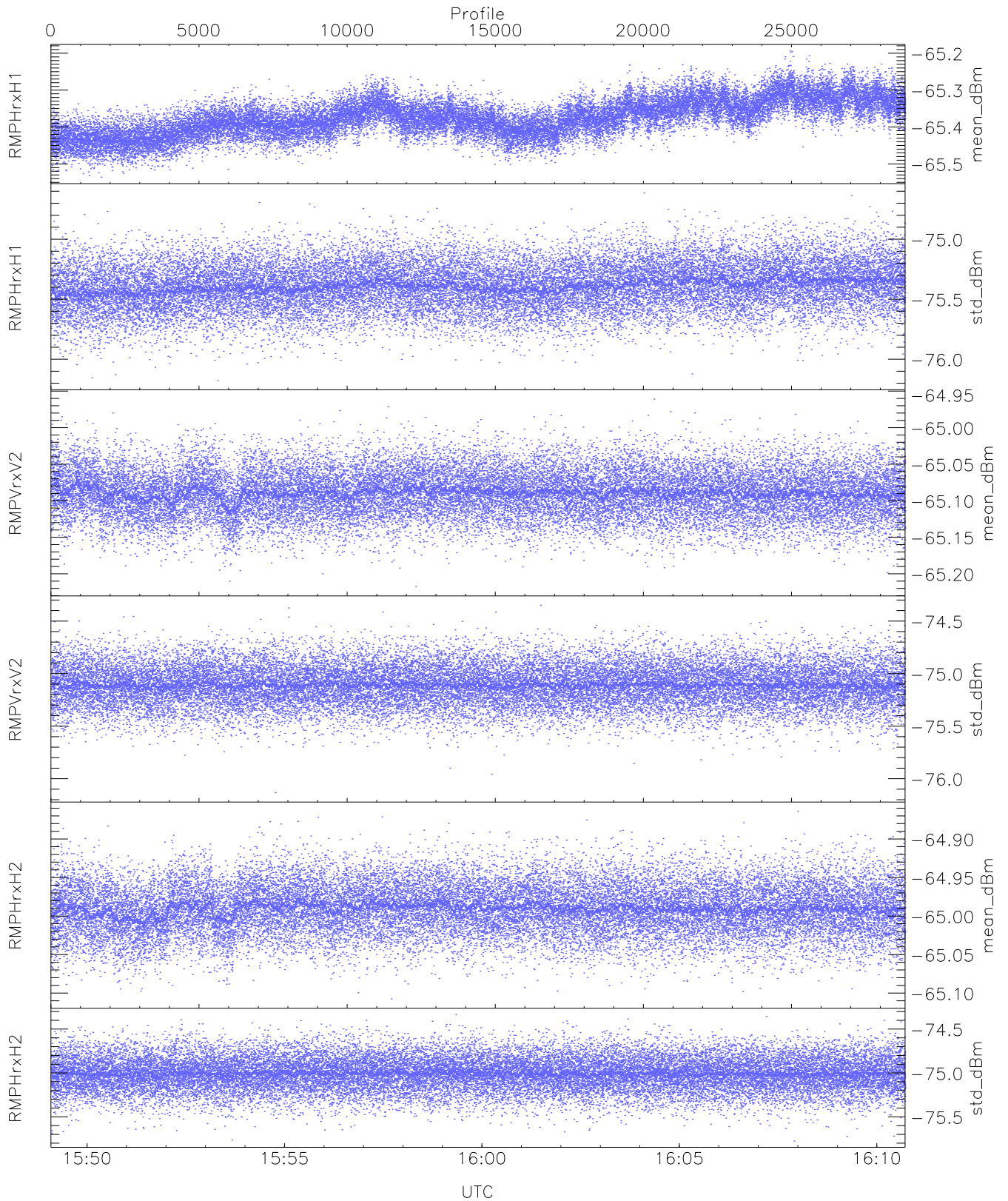
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,26,29,28,29  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,93,27,29,29,30  
LOalarm(20,240,2817,14861 MHz): 0,0,44,0  
EIK Faults(# prof affected):  
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,68,68,44,44)



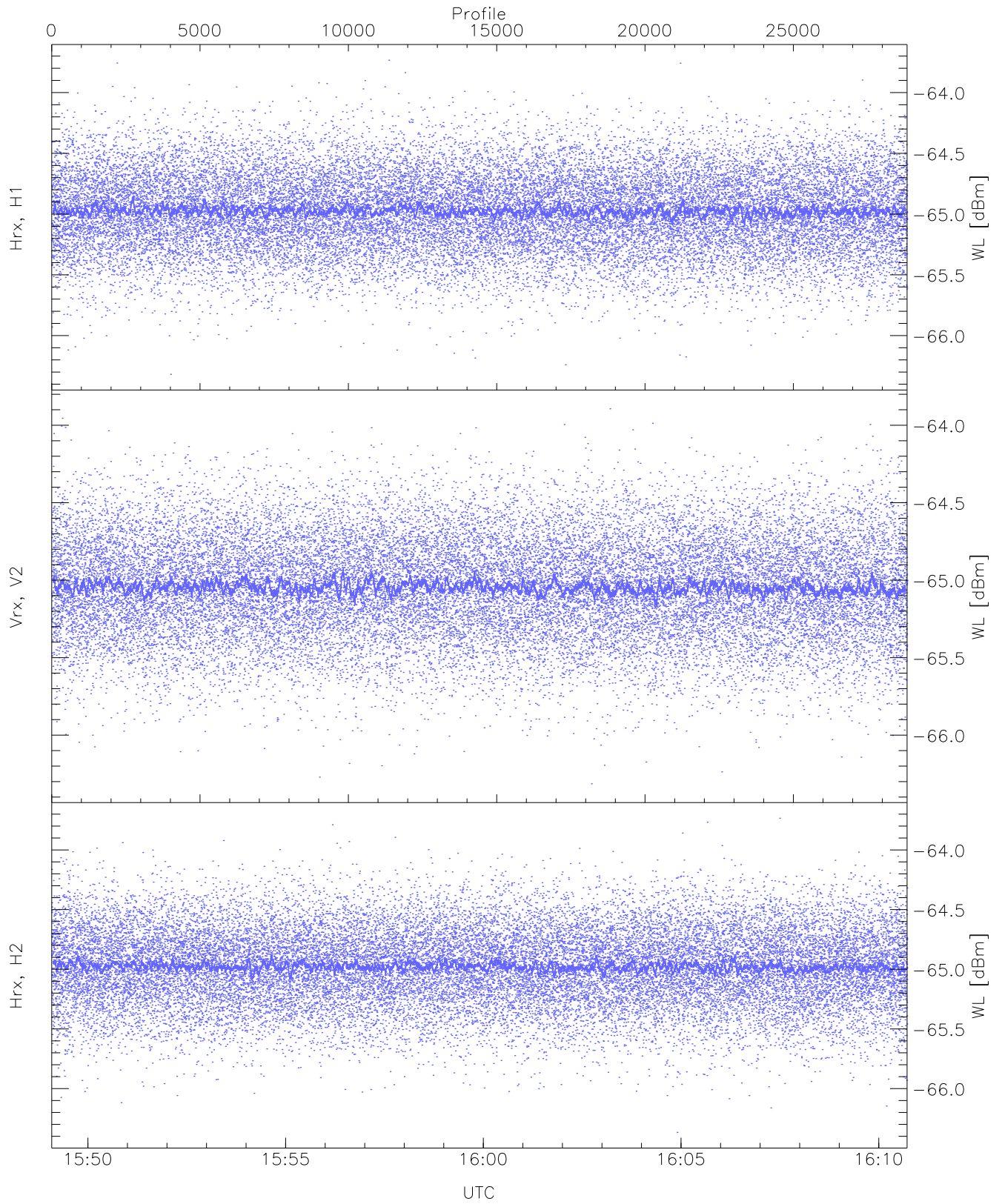
WCR3 CPP Receivers Gain and Noise Figure

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



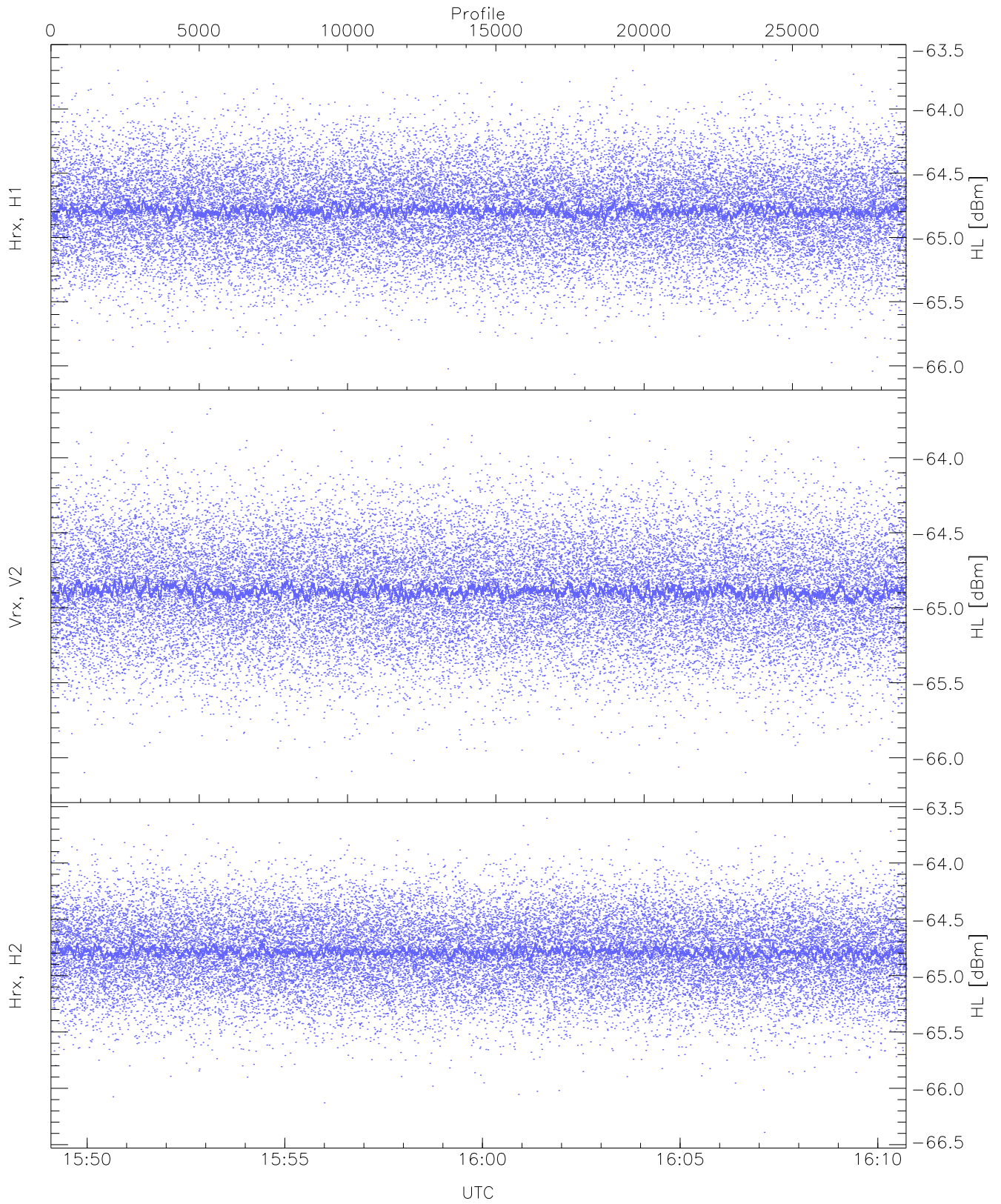
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.54	-65.19	-65.37	-65.38	-84.89
RMPHrxH1(std_dBm)	-76.18	-74.61	-75.39	-75.39	-89.09
RMPVrxV2(mean_dBm)	-65.22	-64.96	-65.09	-65.09	-86.63
RMPVrxV2(std_dBm)	-76.13	-74.35	-75.11	-75.11	-88.89
RMPHrxH2(mean_dBm)	-65.11	-64.86	-64.99	-64.99	-86.53
RMPHrxH2(std_dBm)	-75.78	-74.33	-75.01	-75.01	-88.80



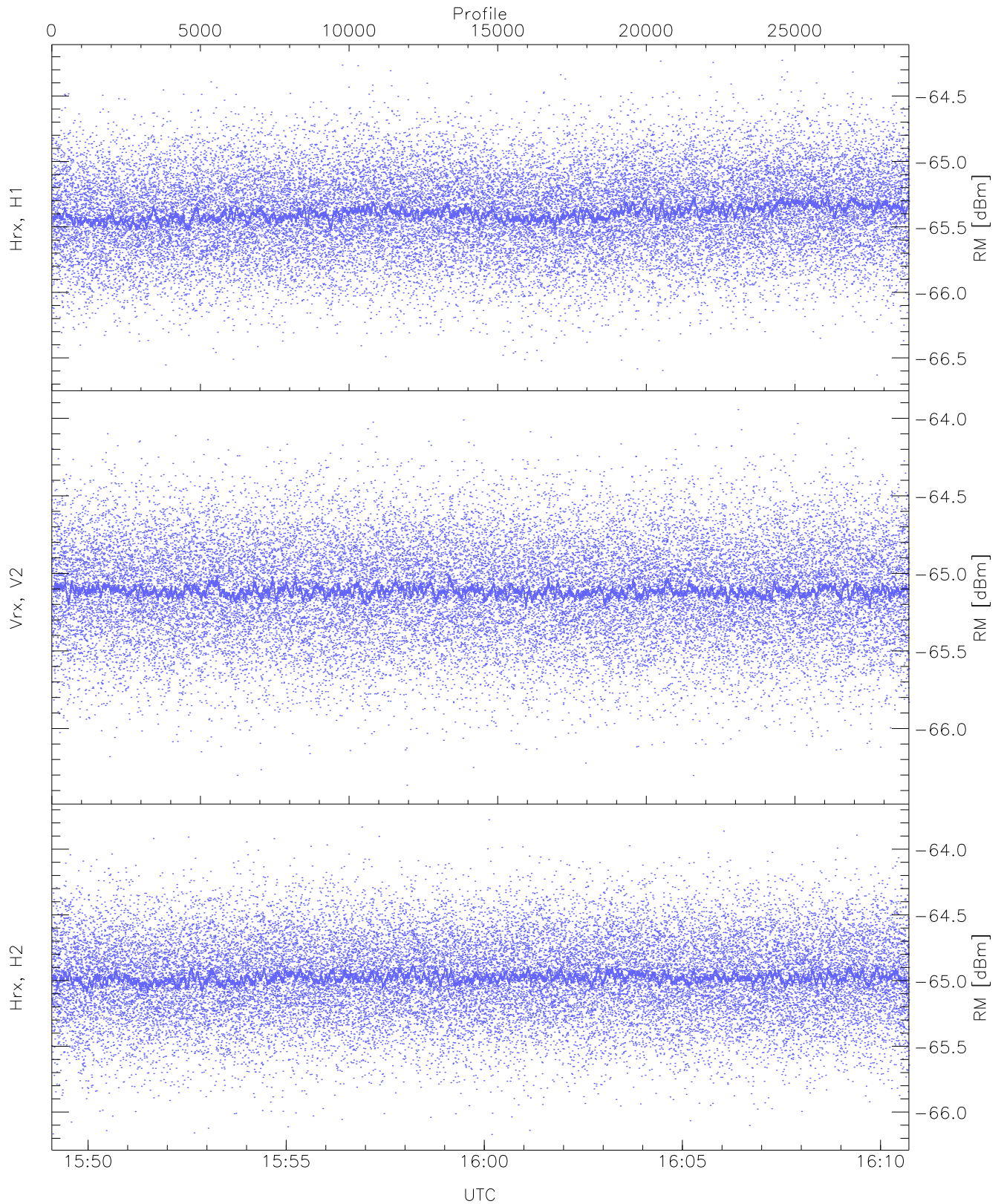
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.32	-63.73	-64.97	-64.97	-76.46
Vrx, V2 (WL [dBm])	-66.31	-63.89	-65.04	-65.05	-76.56
Hrx, H2 (WL [dBm])	-66.37	-63.73	-64.97	-64.98	-76.47



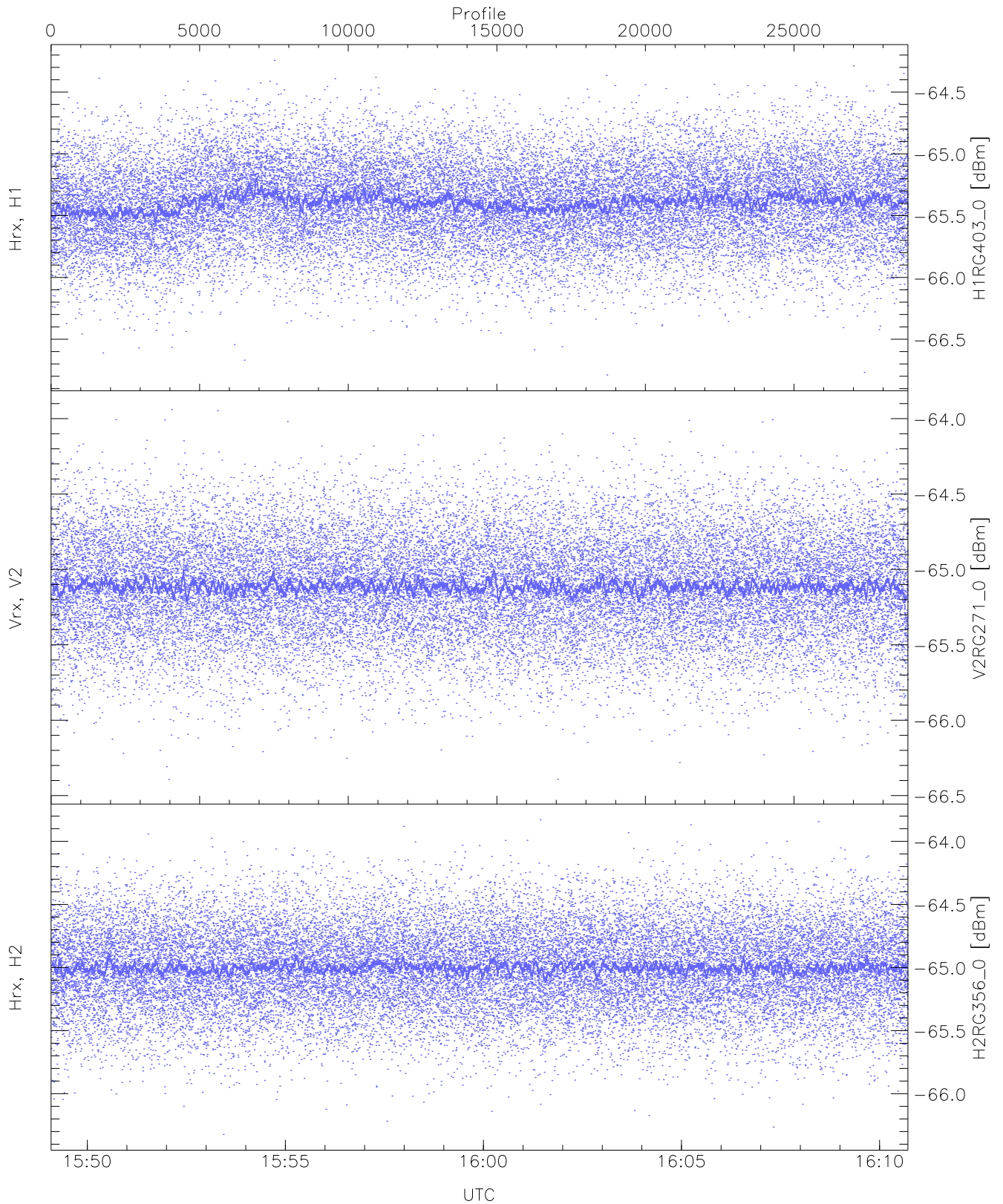
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.07	-63.62	-64.78	-64.79	-76.31
Vrx, V2 (HL [dBm])	-66.17	-63.67	-64.88	-64.89	-76.37
Hrx, H2 (HL [dBm])	-66.39	-63.60	-64.78	-64.79	-76.26



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

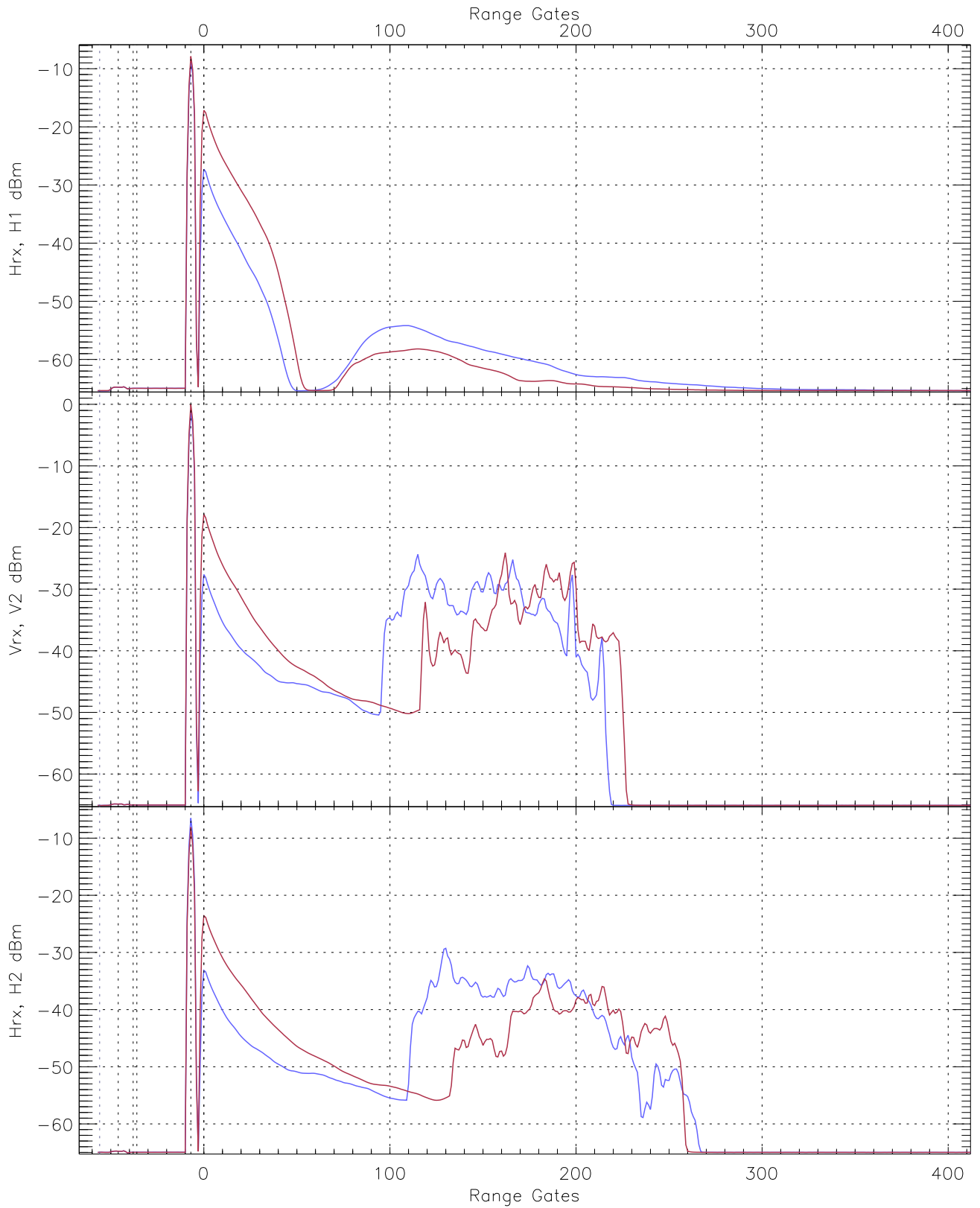
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.63	-64.23	-65.39	-65.39	-76.85
Vrx, V2 (RM [dBm])	-66.37	-63.94	-65.11	-65.12	-76.61
Hrx, H2 (RM [dBm])	-66.17	-63.78	-64.97	-64.98	-76.47



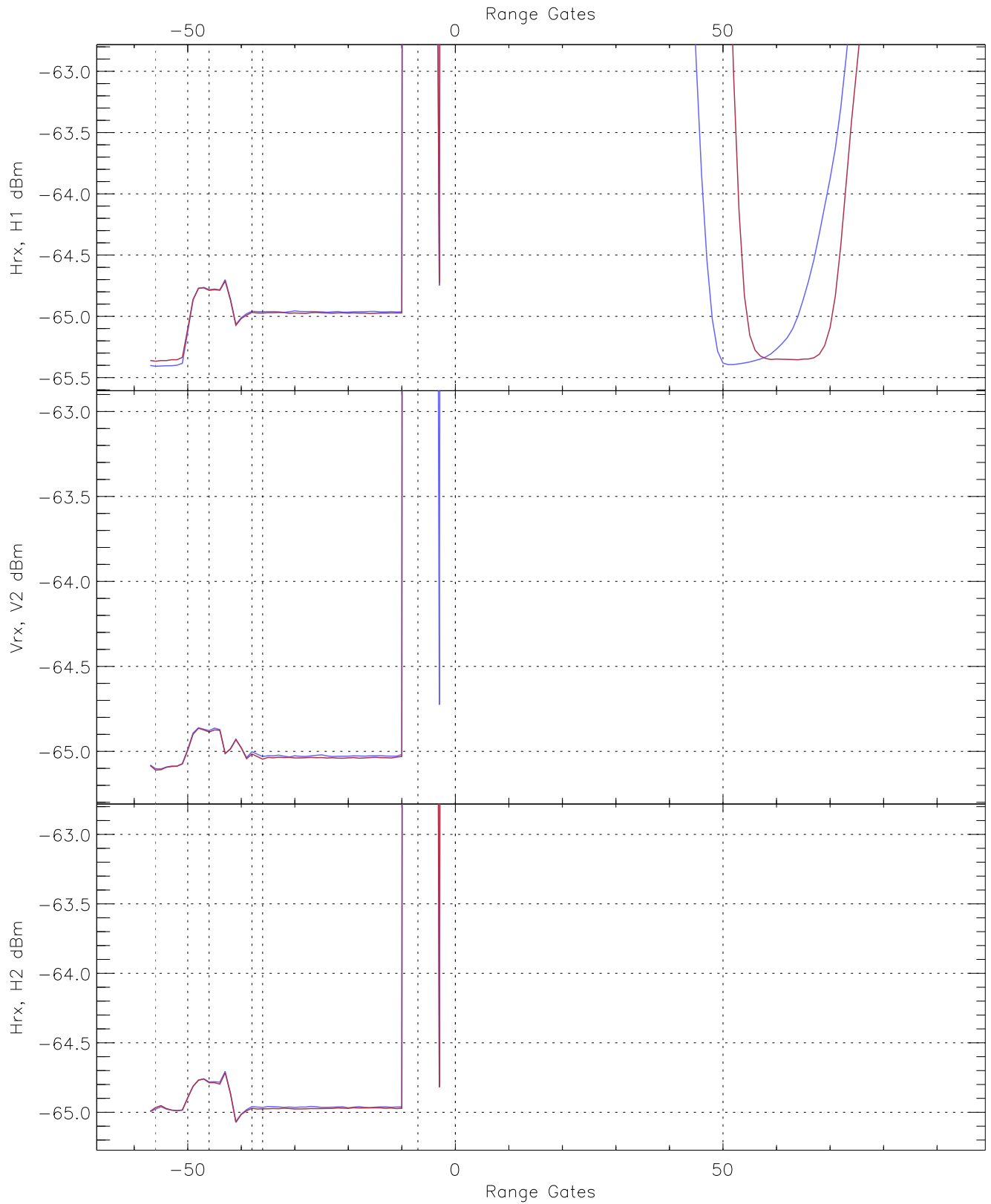
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG403_0 [dBm]	-66.79	-64.24	-65.39	-65.39	-76.84
V2RG271_0 [dBm]	-66.43	-63.94	-65.11	-65.12	-76.60
H2RG356_0 [dBm]	-66.32	-63.83	-64.99	-65.01	-76.48

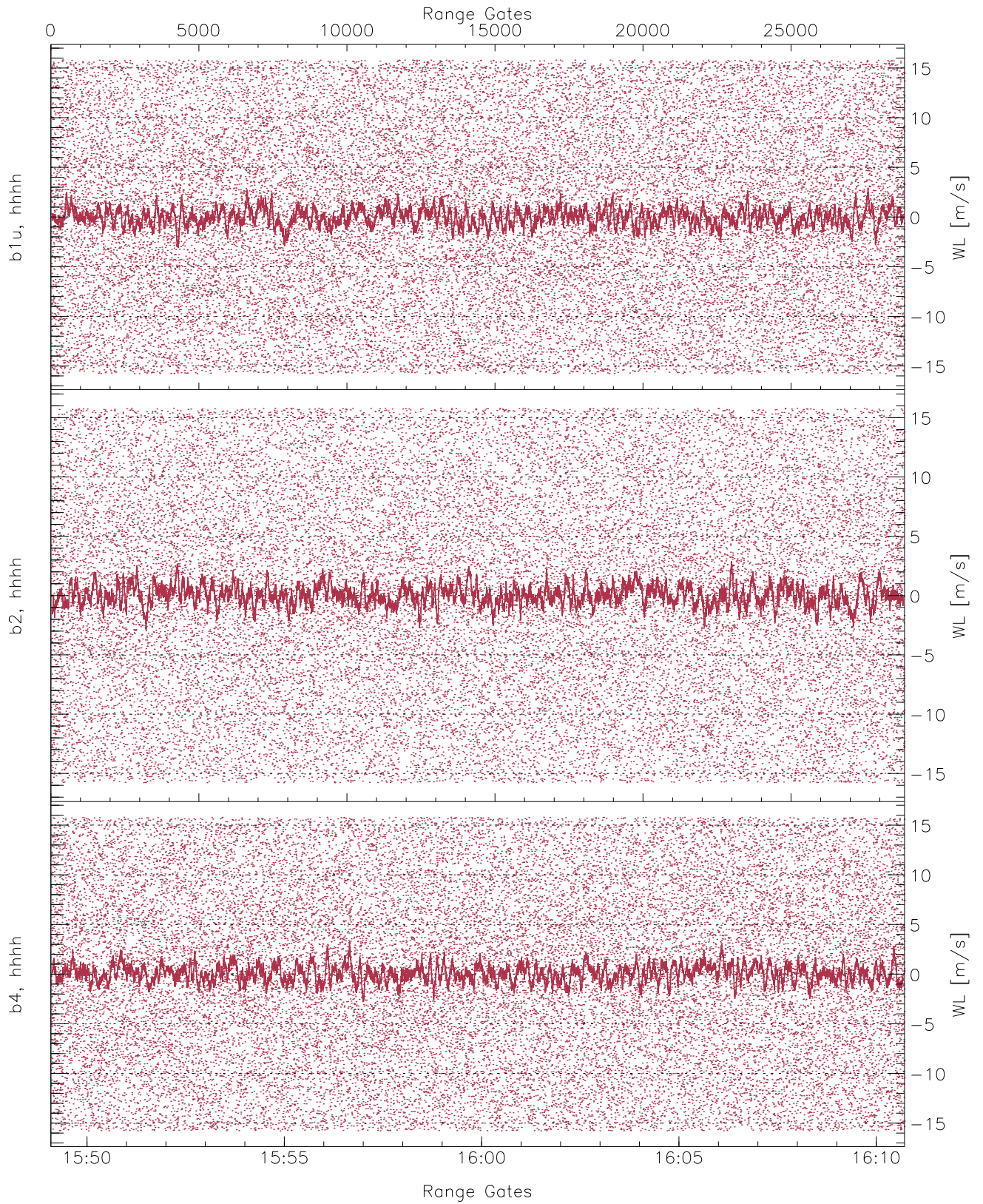




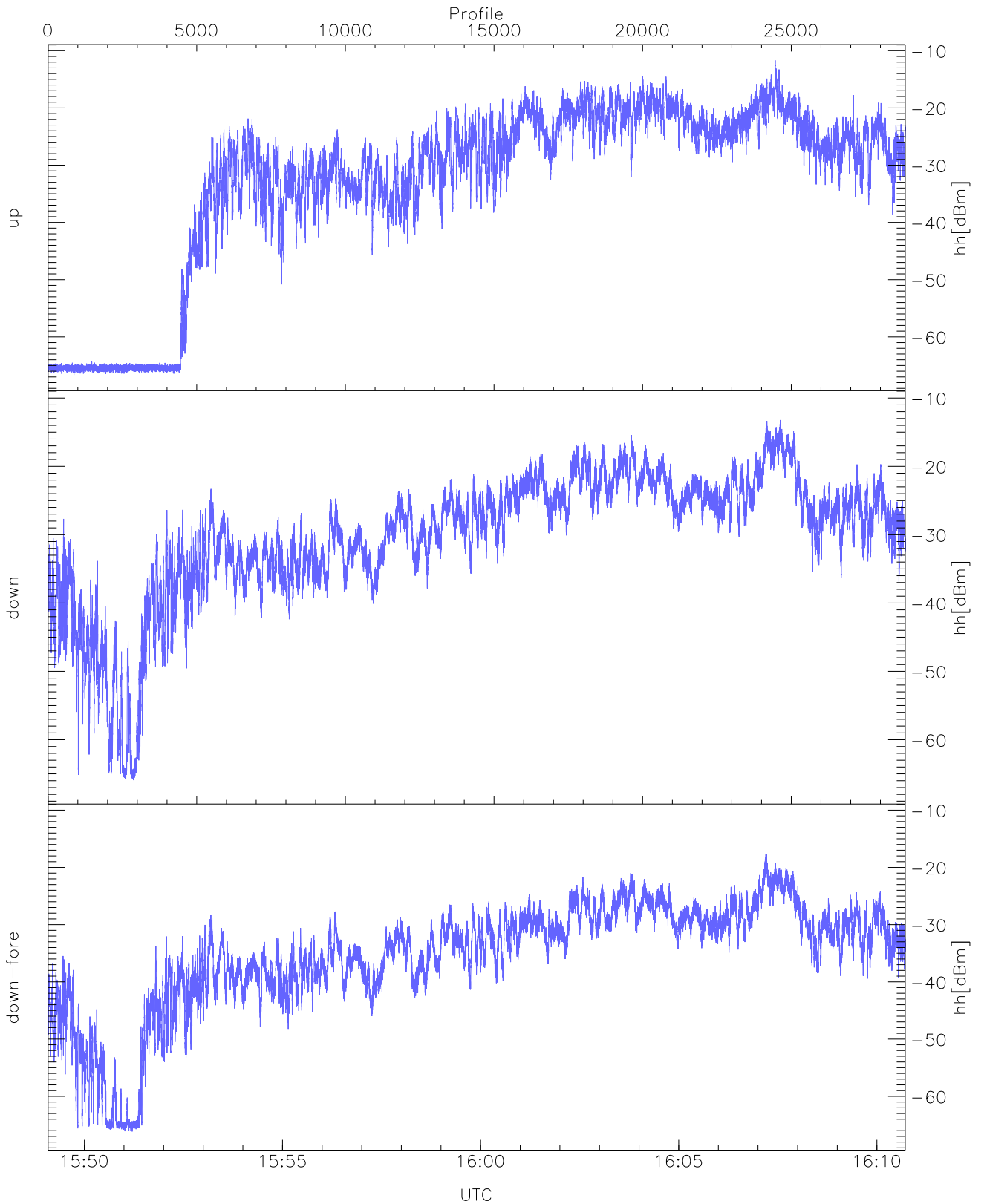
WCR3 CPP Averaged Received power for all recorded gates  
blue: 154905-155954, 14419 profiles averaged  
red: 155954-161043, 14418 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 154905-155954, 14419 profiles averaged  
red: 155954-161043, 14418 profiles averaged

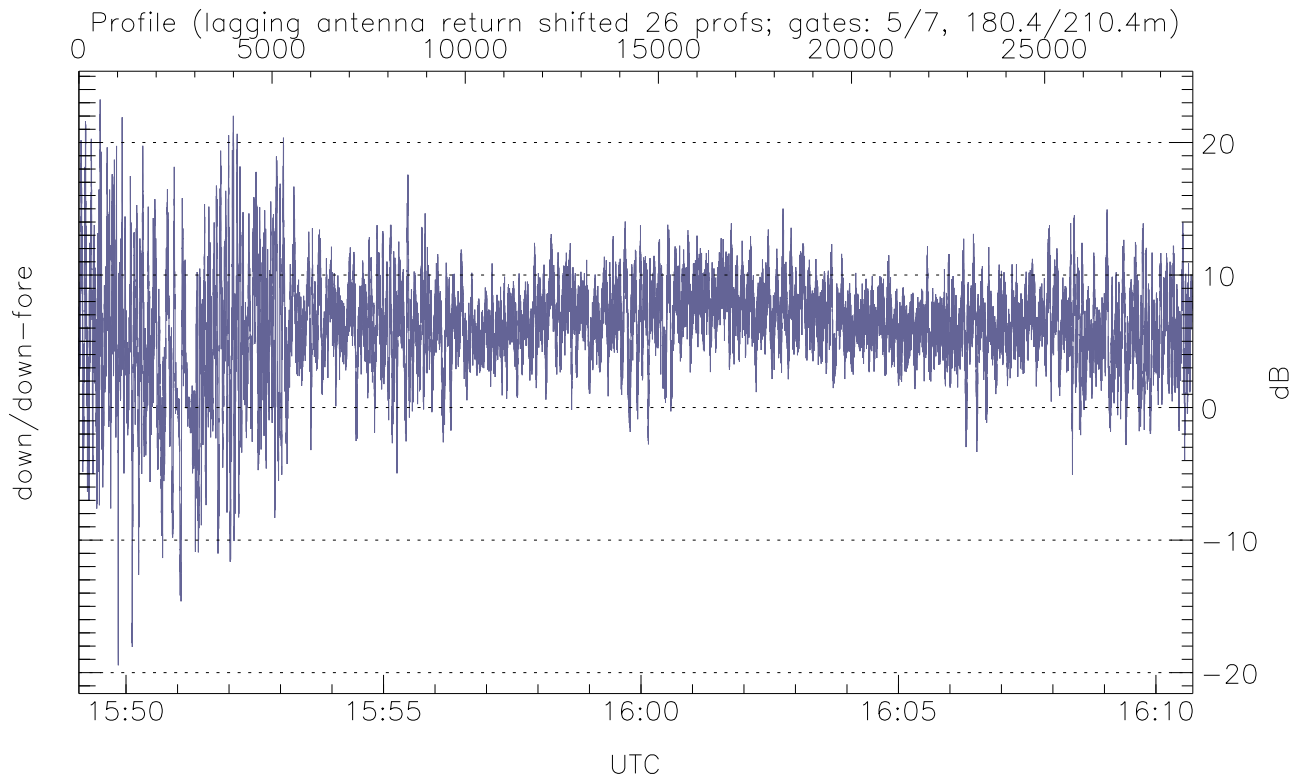
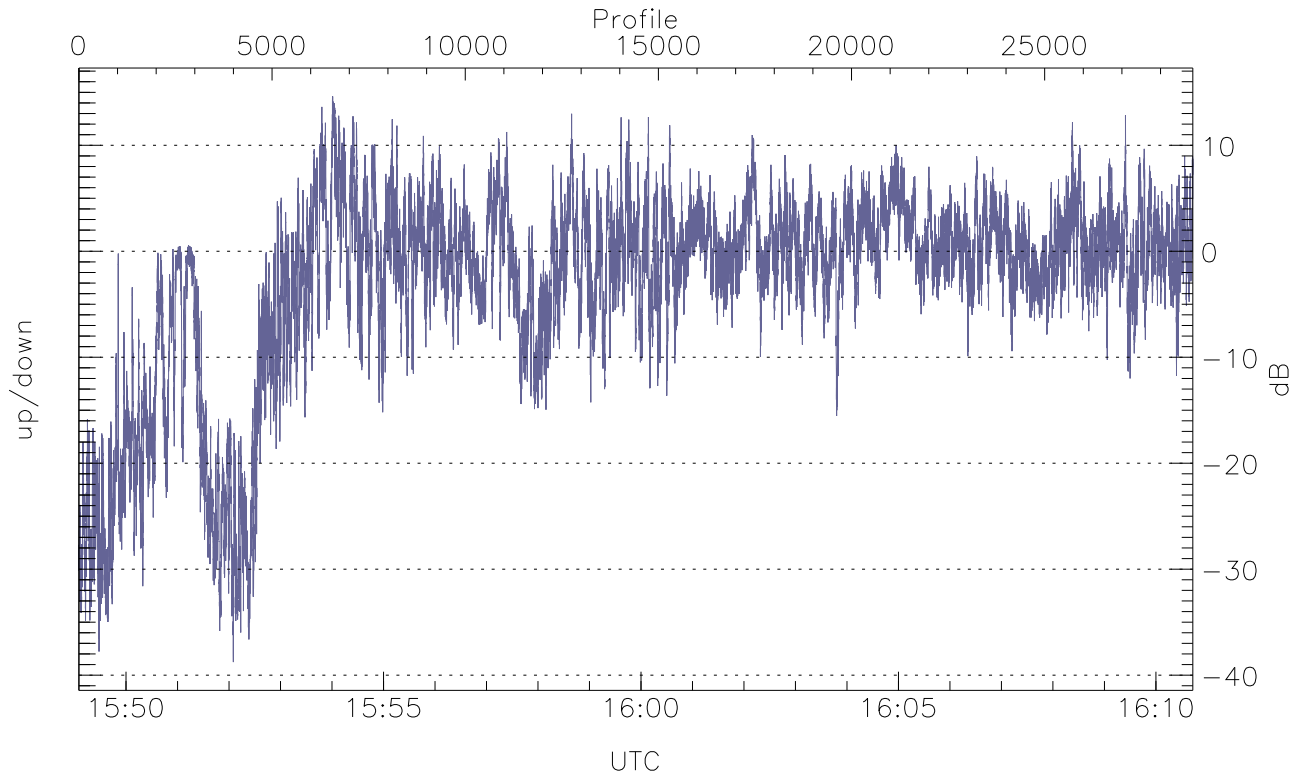


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



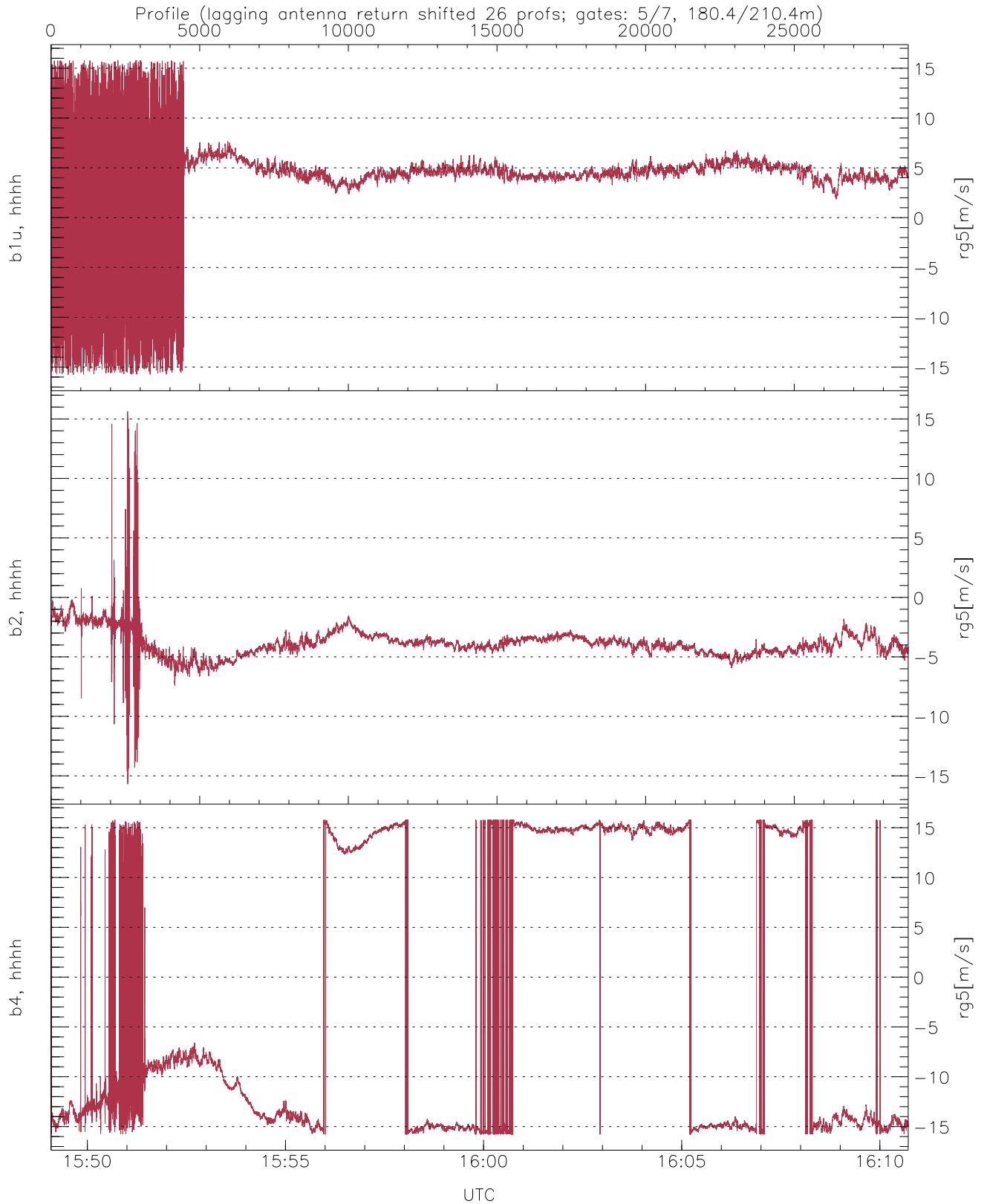
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.67	-11.68	-24.29
down(hh[dBm])	-65.92	-13.22	-24.83
down-fore(hh[dBm])	-66.16	-17.73	-29.98



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

	Min	Max	Mean
up/down (dB)	-38.77	14.63	-3.07
down/down-fore (dB)	-19.45	23.25	6.12



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	3.95	3.88
b2, hhhh(rg5[m/s])	-15.70	15.63	-3.85	1.20
b4, hhhh(rg5[m/s])	-15.79	15.79	-2.39	13.75