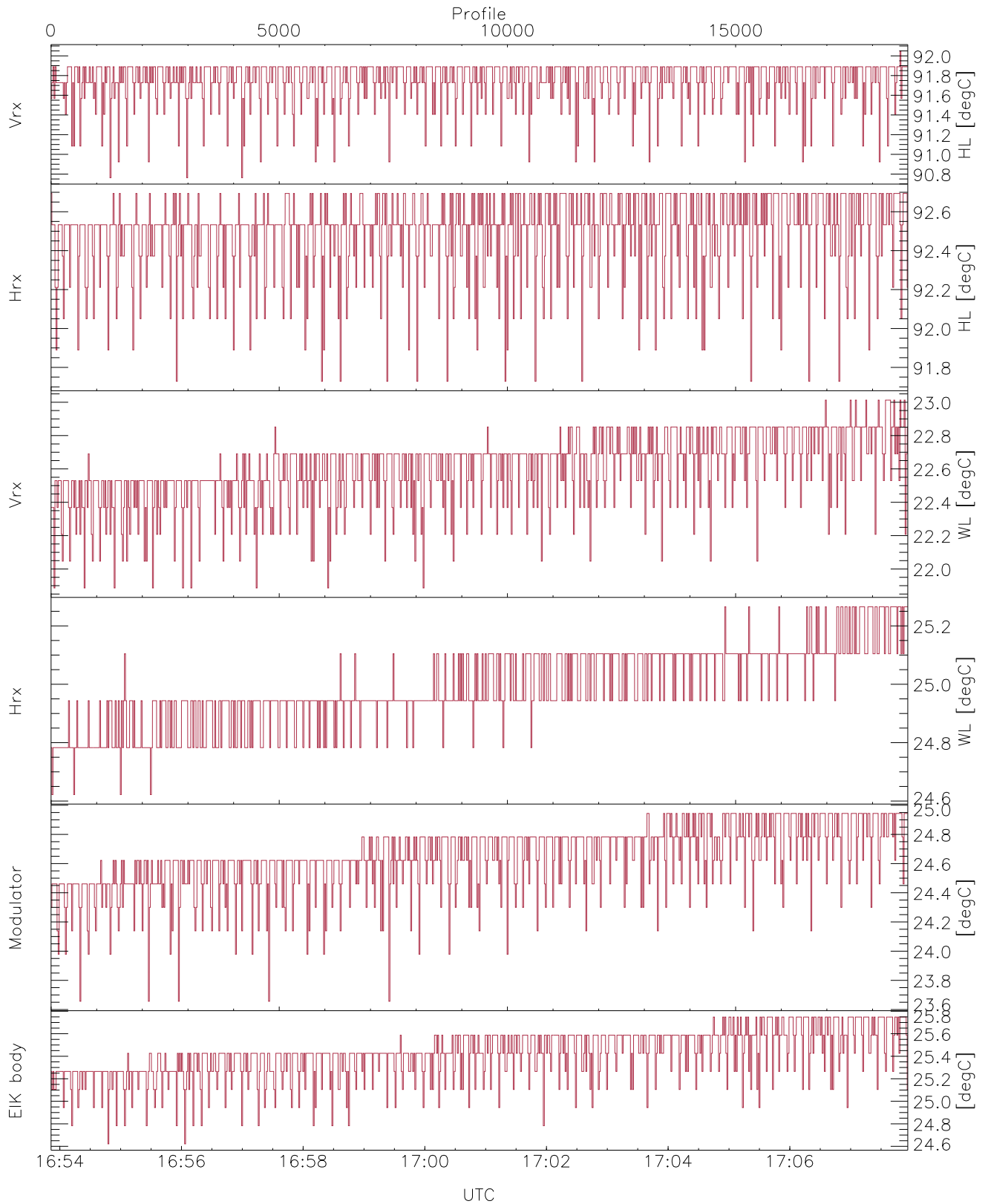


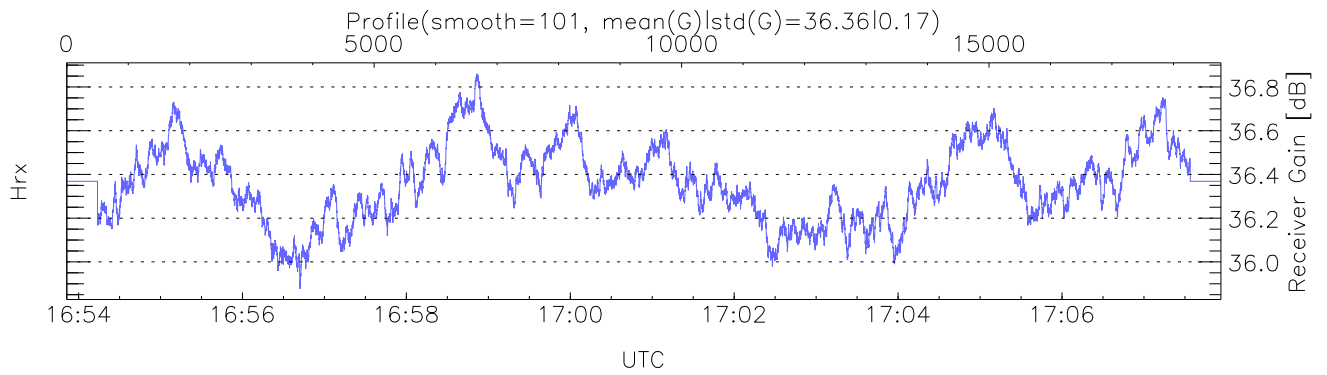
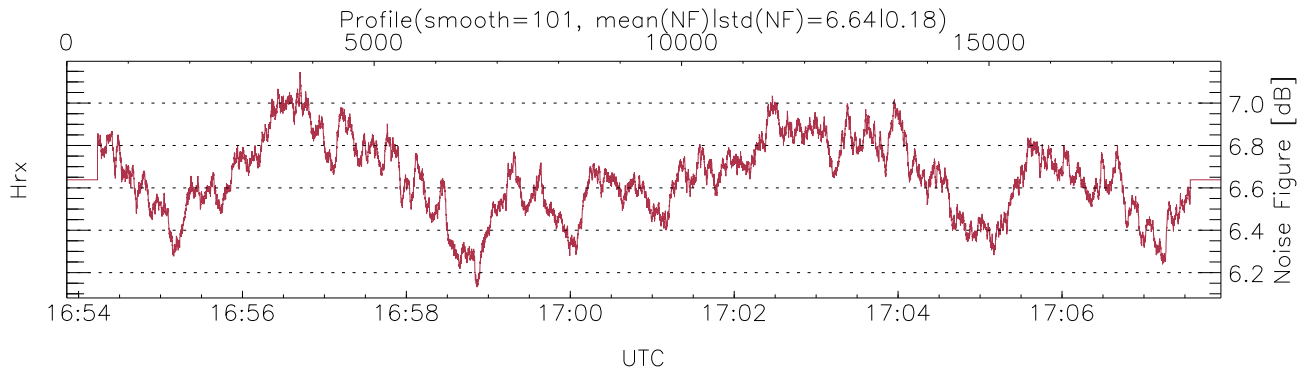
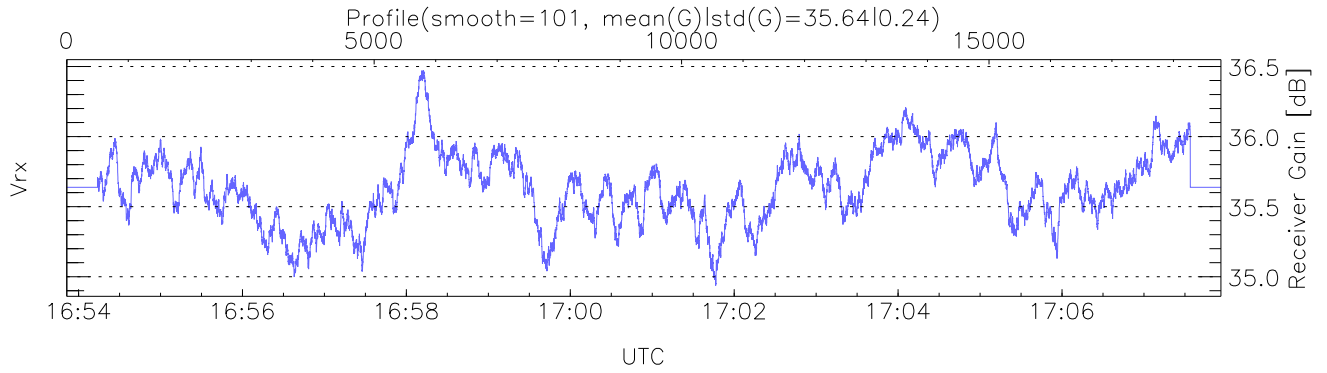
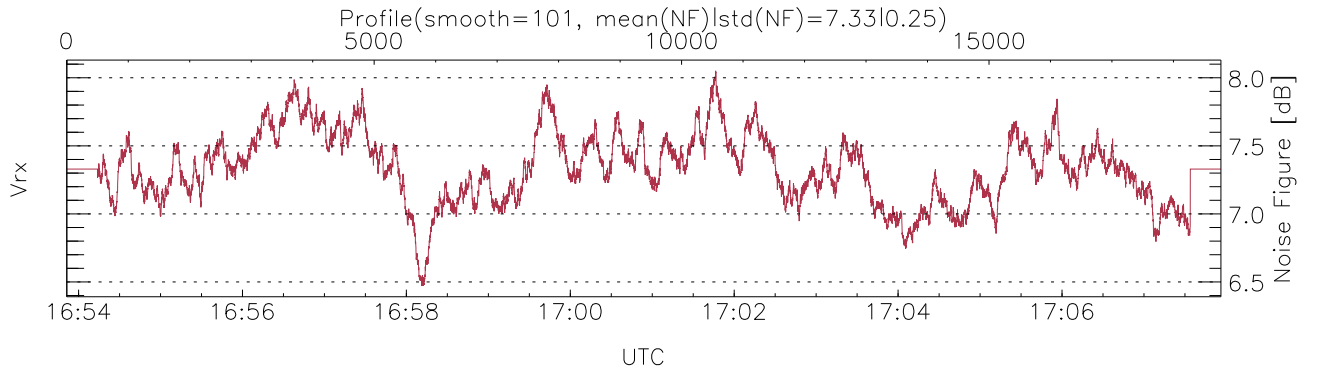
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:53:51-17:07:56, TimeCor: 0.00s, Dur: 845.00s  
 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): 18774/18774, 0-18773/16:53:51-17:07:56  
 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



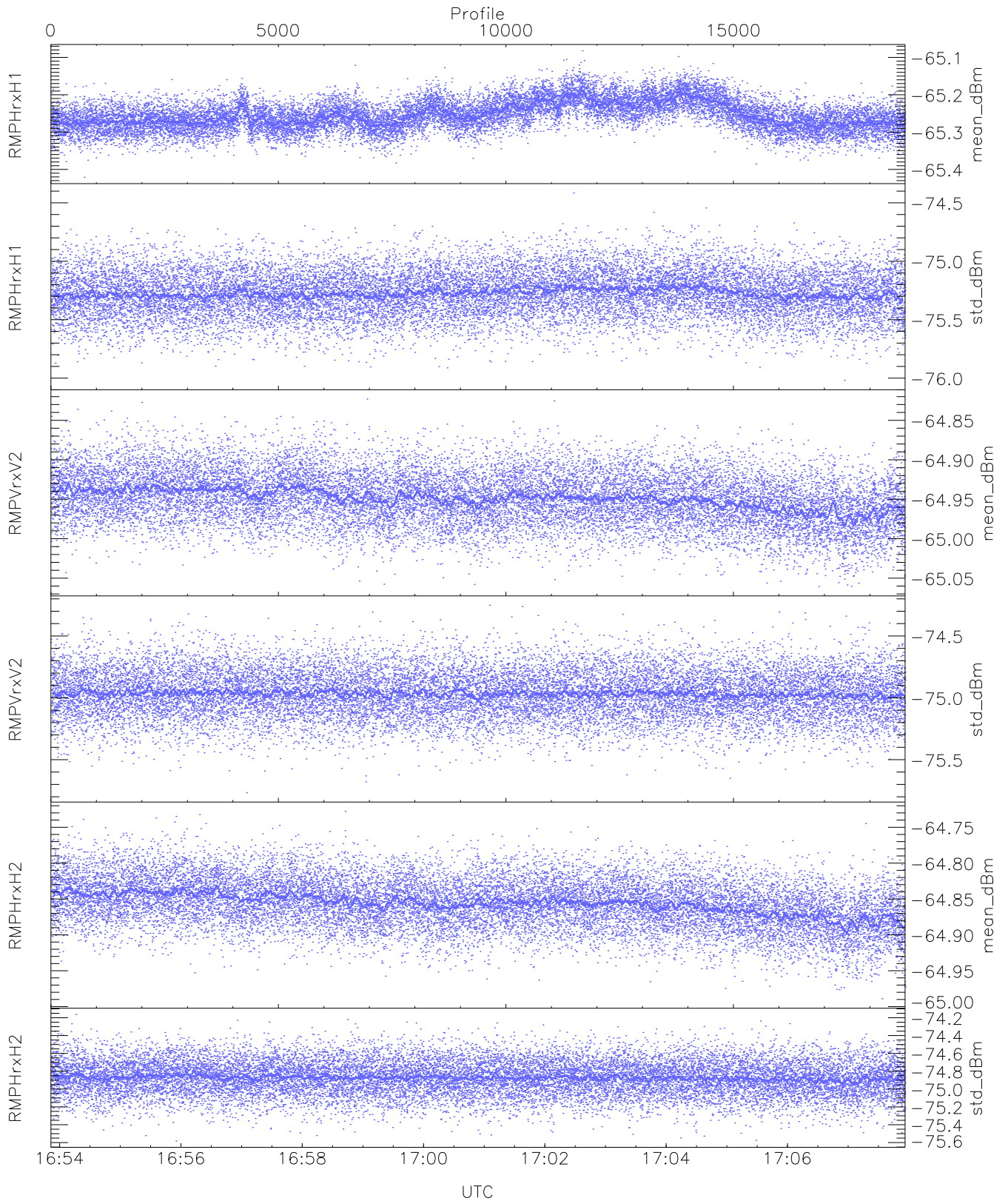
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,24,23,24  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,23,25,24,25  
 LOalarm(20,240,2817,14861 MHz): 0,0,44,0  
 EIK Faults(# prof affected):  
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



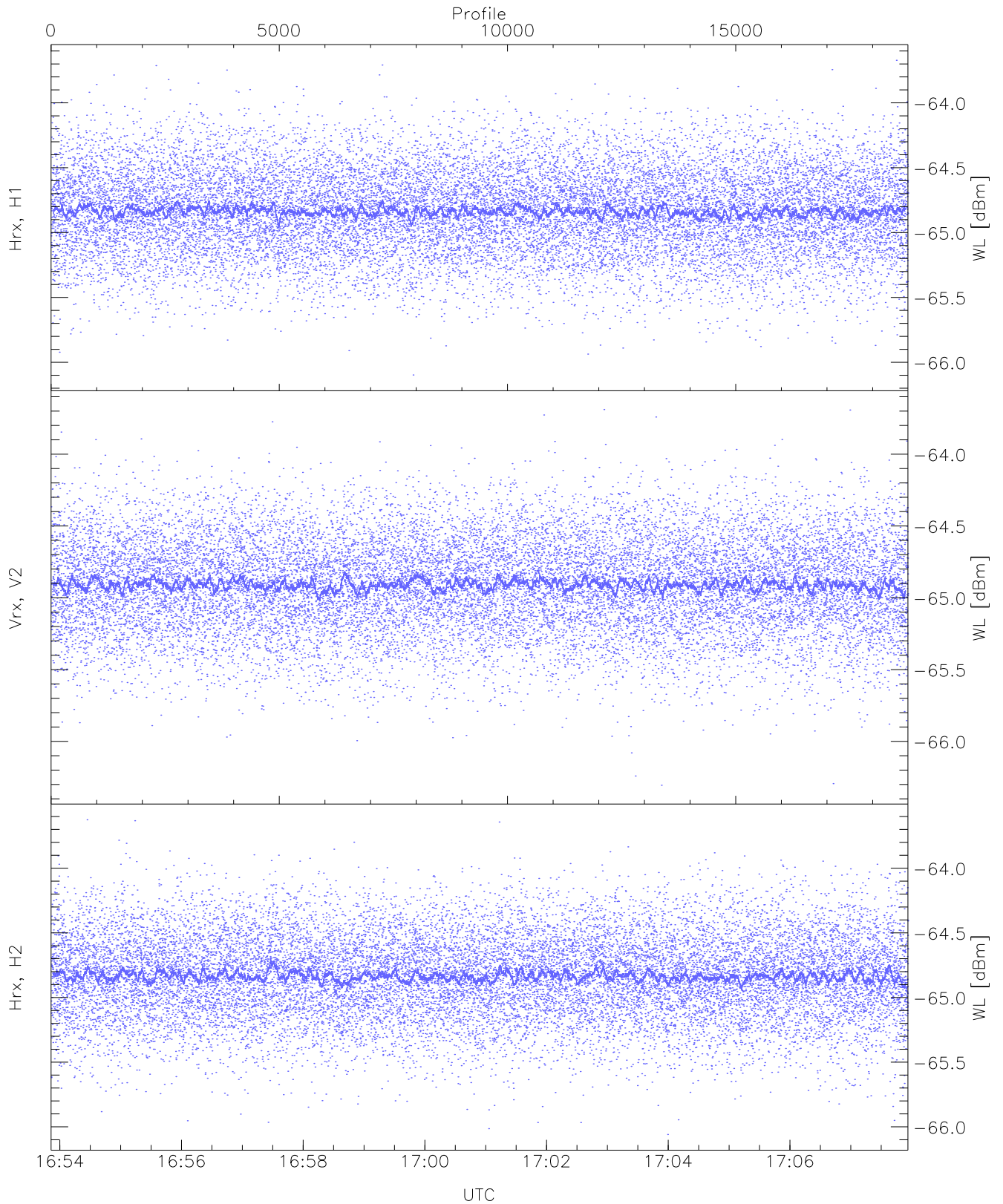
### WCR3 CPP Receivers Gain and Noise Figure

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



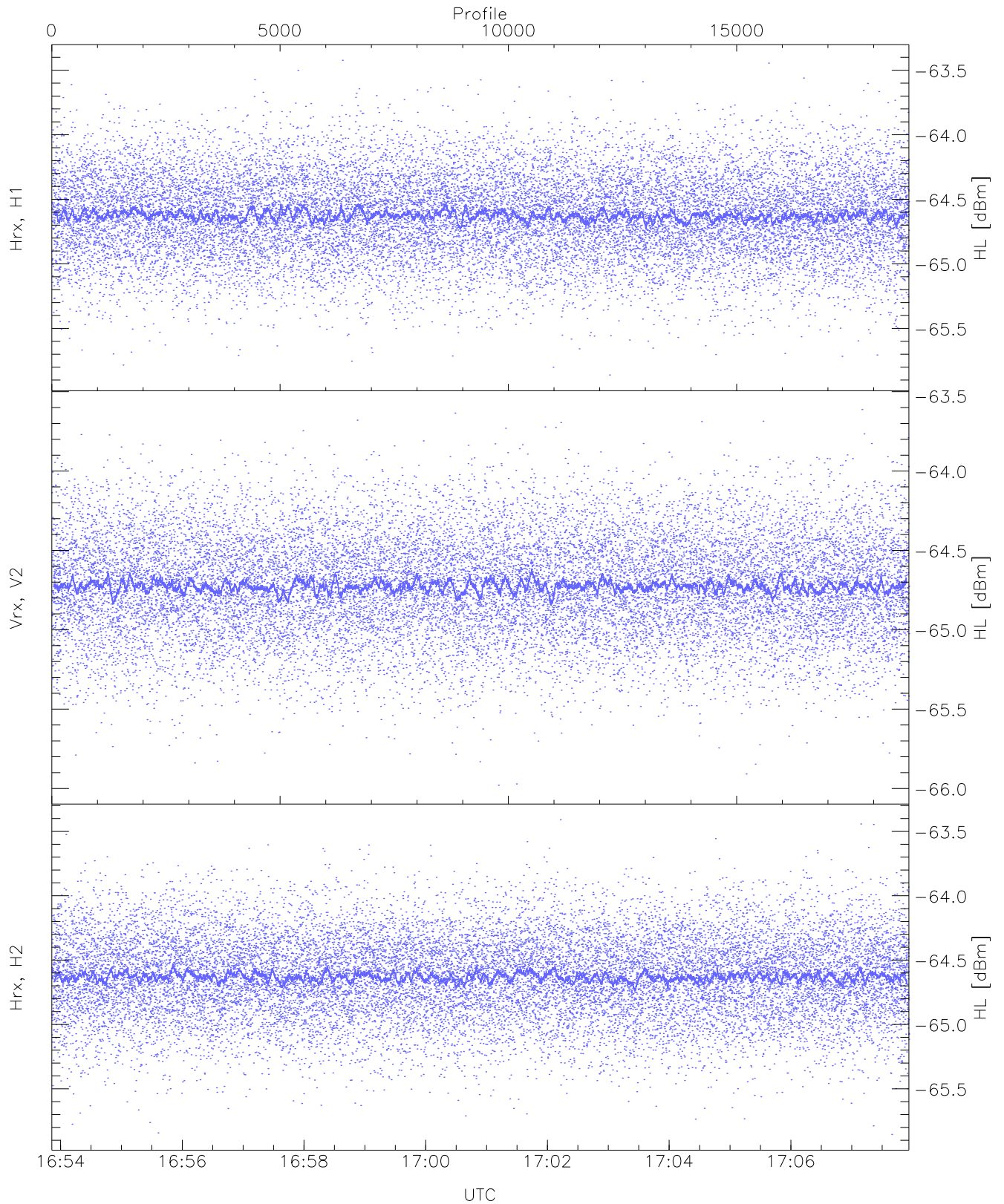
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.42	-65.08	-65.25	-65.26	-85.66
RMPHrxH1(std_dBm)	-76.02	-74.42	-75.27	-75.27	-88.98
RMPVrxV2(mean_dBm)	-65.06	-64.82	-64.95	-64.95	-86.29
RMPVrxV2(std_dBm)	-75.77	-74.25	-74.97	-74.97	-88.71
RMPHrxH2(mean_dBm)	-64.99	-64.73	-64.86	-64.86	-86.06
RMPHrxH2(std_dBm)	-75.58	-74.16	-74.87	-74.87	-88.62



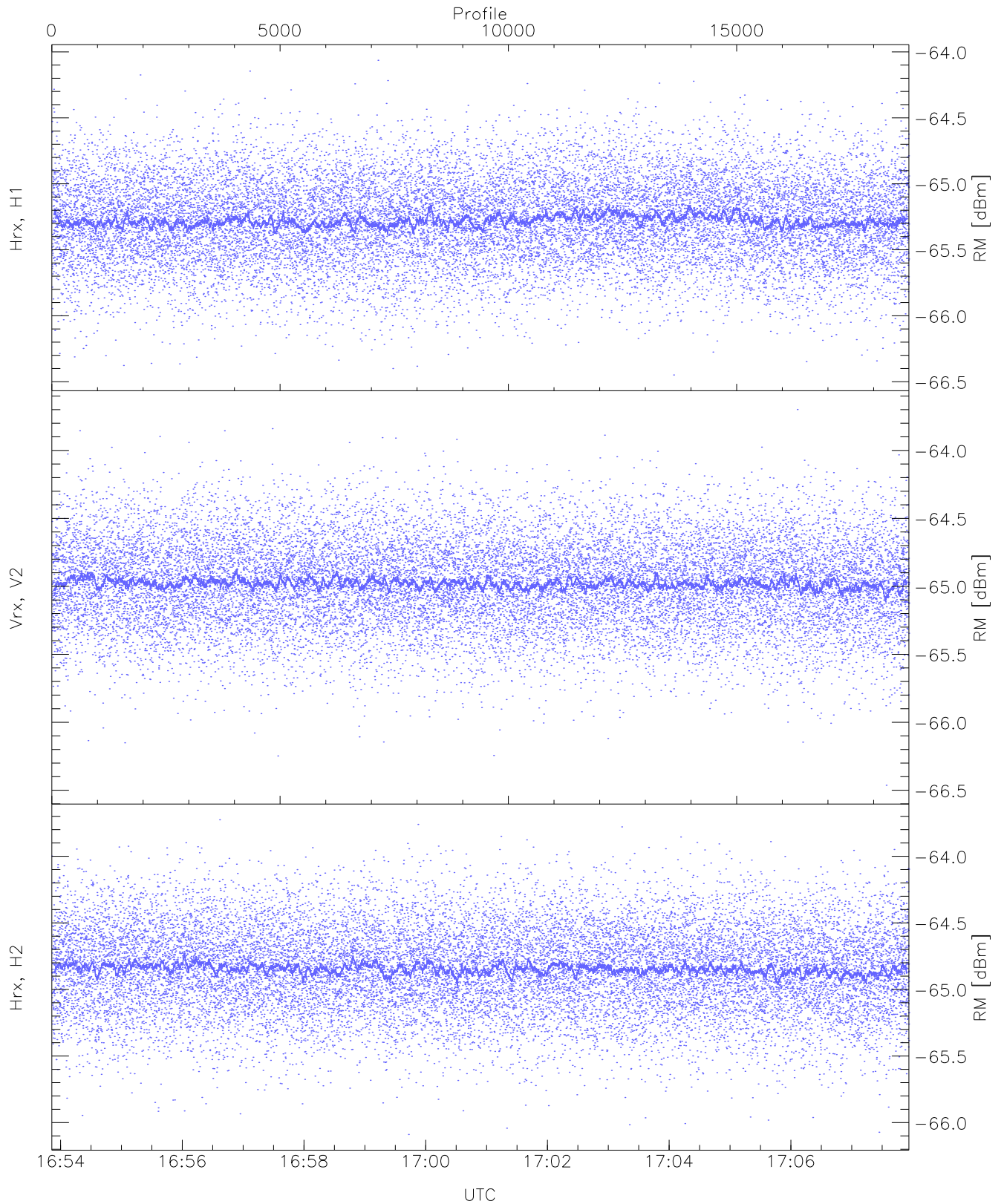
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.10	-63.67	-64.83	-64.83	-76.31
Vrx, V2 (WL [dBm])	-66.31	-63.69	-64.90	-64.91	-76.40
Hrx, H2 (WL [dBm])	-66.06	-63.63	-64.83	-64.83	-76.33



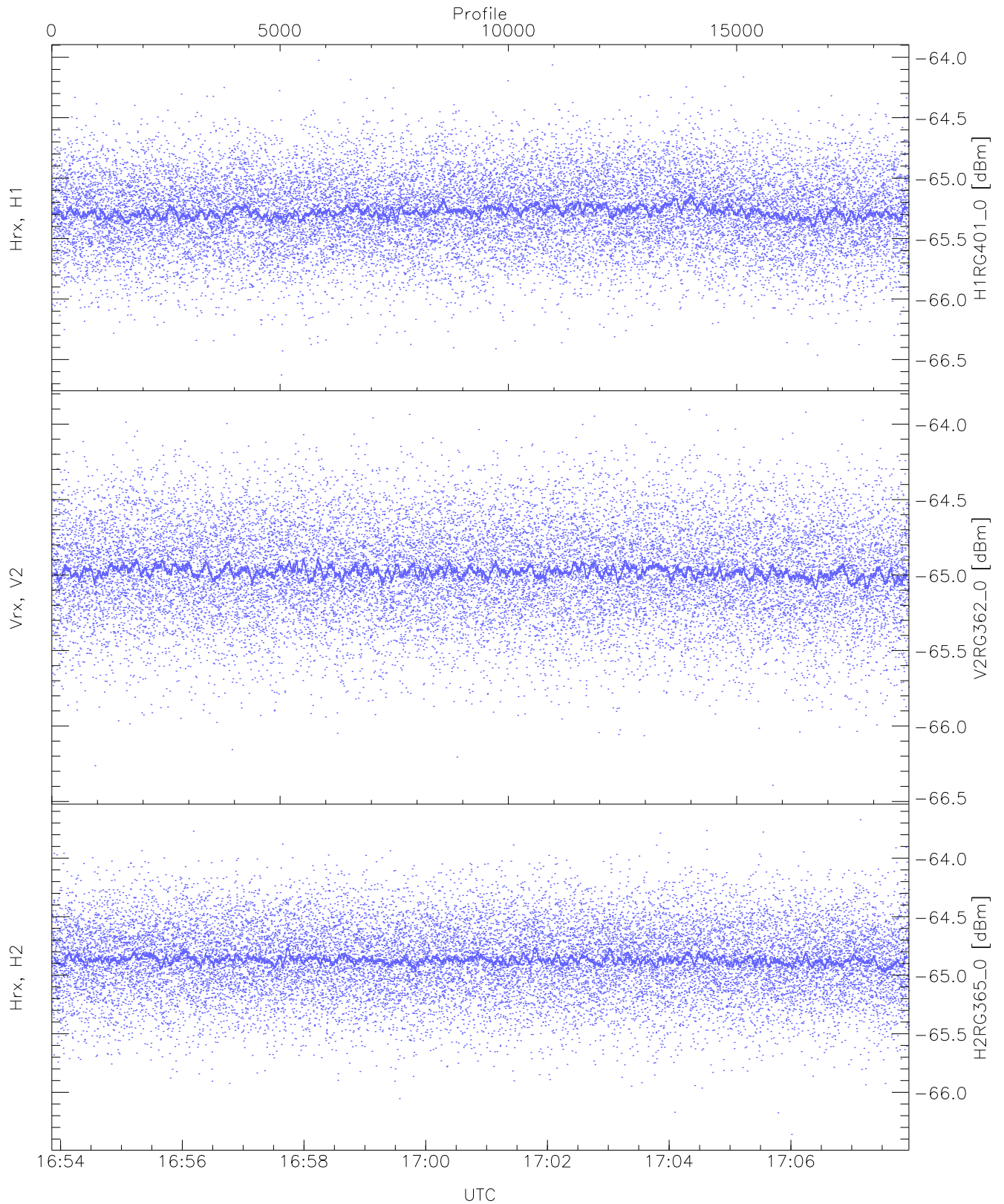
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.86	-63.42	-64.62	-64.62	-76.08
Vrx, V2 (HL [dBm])	-65.98	-63.61	-64.72	-64.73	-76.27
Hrx, H2 (HL [dBm])	-65.86	-63.41	-64.62	-64.63	-76.13



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

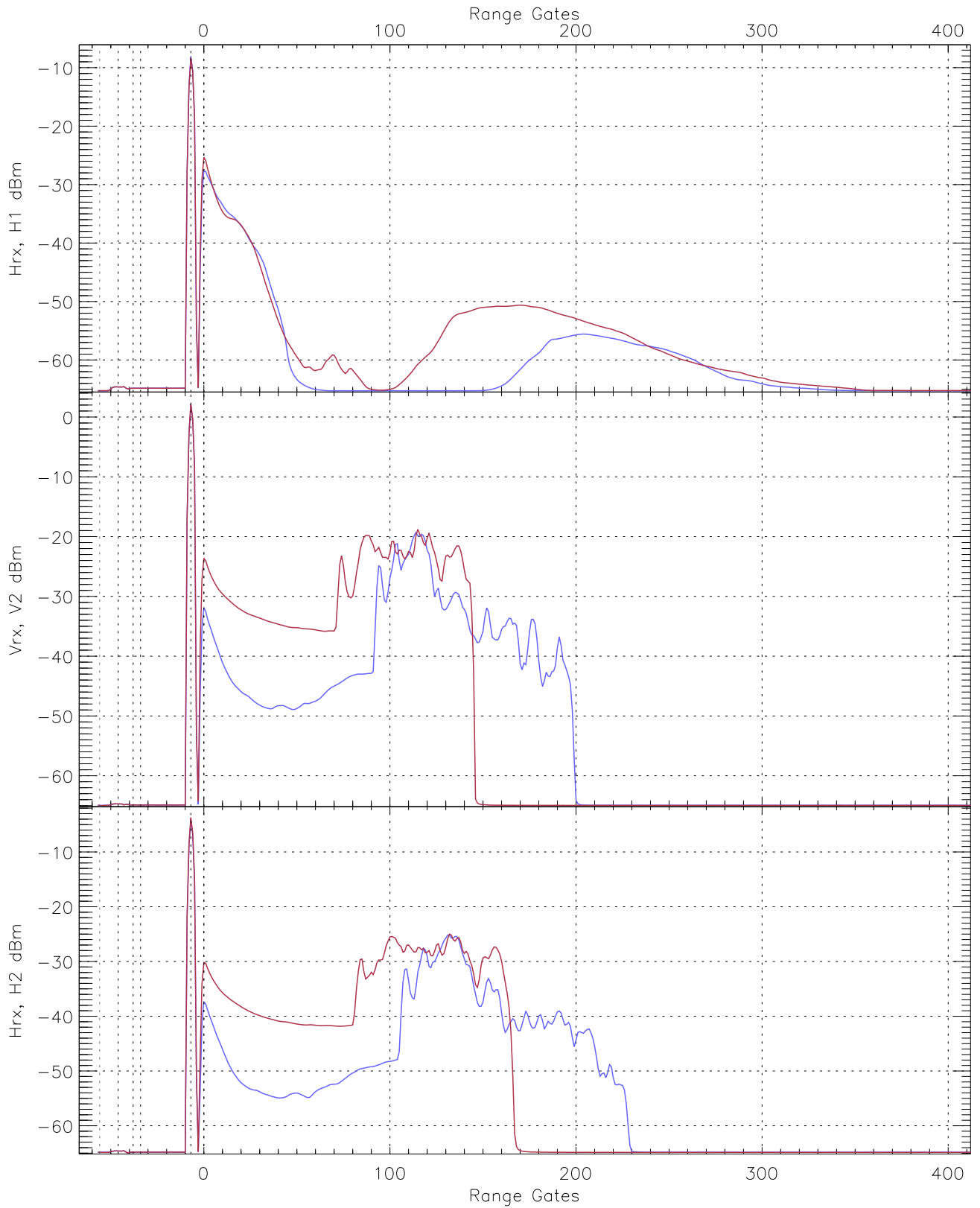
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.45	-64.06	-65.27	-65.28	-76.77
Vrx, V2 (RM [dBm])	-66.46	-63.70	-64.97	-64.98	-76.45
Hrx, H2 (RM [dBm])	-66.09	-63.73	-64.84	-64.84	-76.31



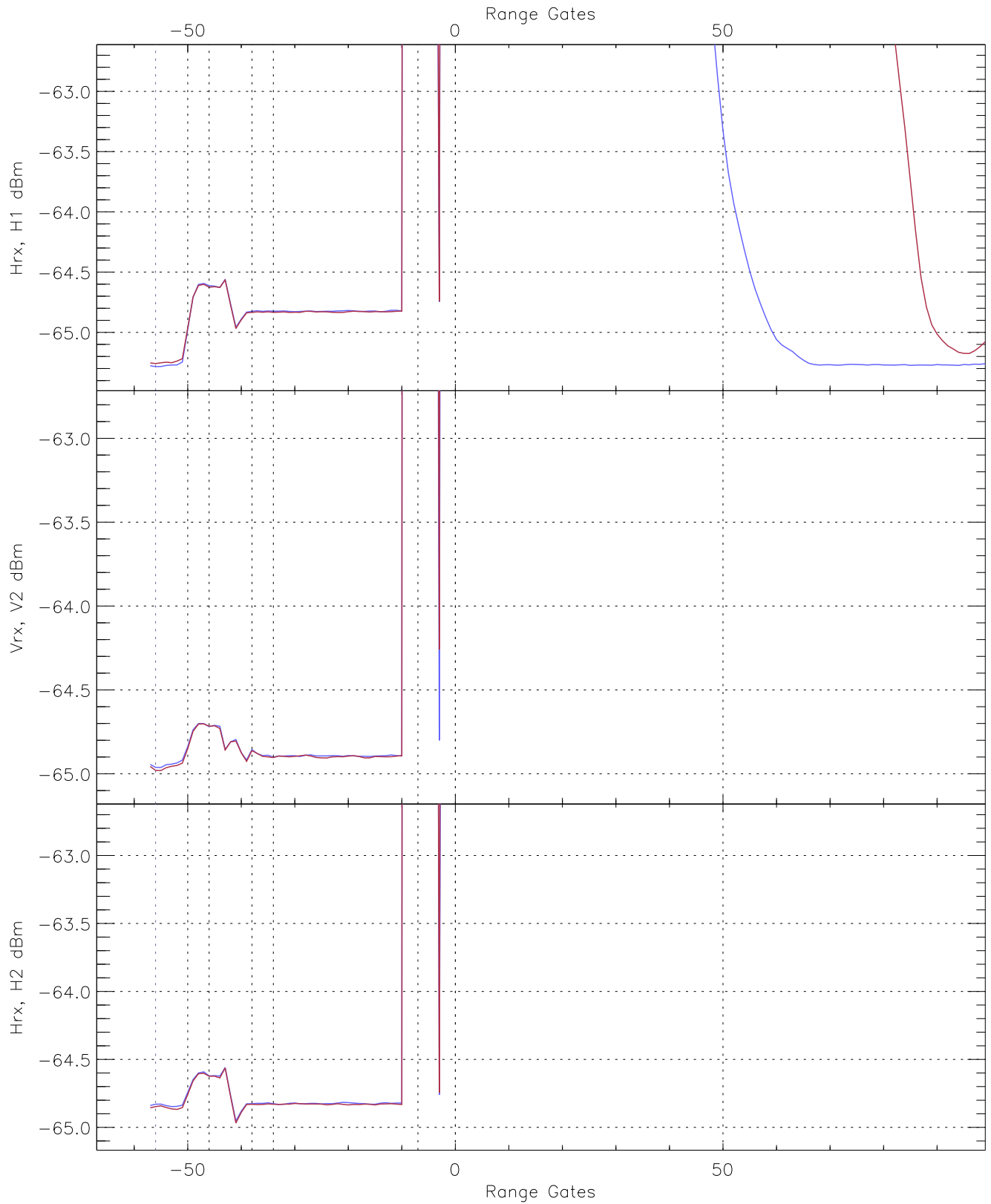
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG401_0 [dBm]	-66.63	-64.03	-65.27	-65.28	-76.78
V2RG362_0 [dBm]	-66.39	-63.90	-64.97	-64.98	-76.48
H2RG365_0 [dBm]	-66.36	-63.67	-64.86	-64.87	-76.35

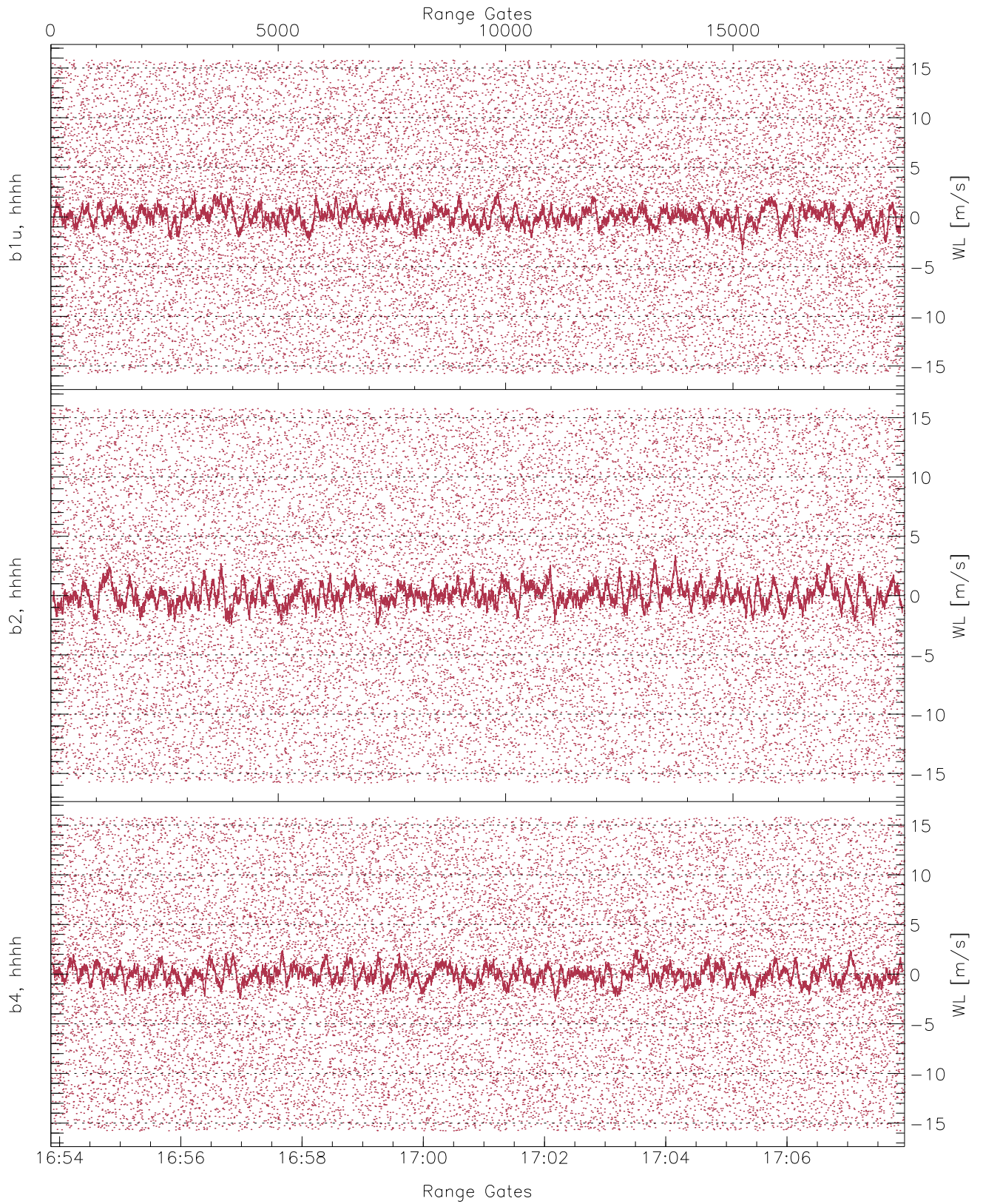




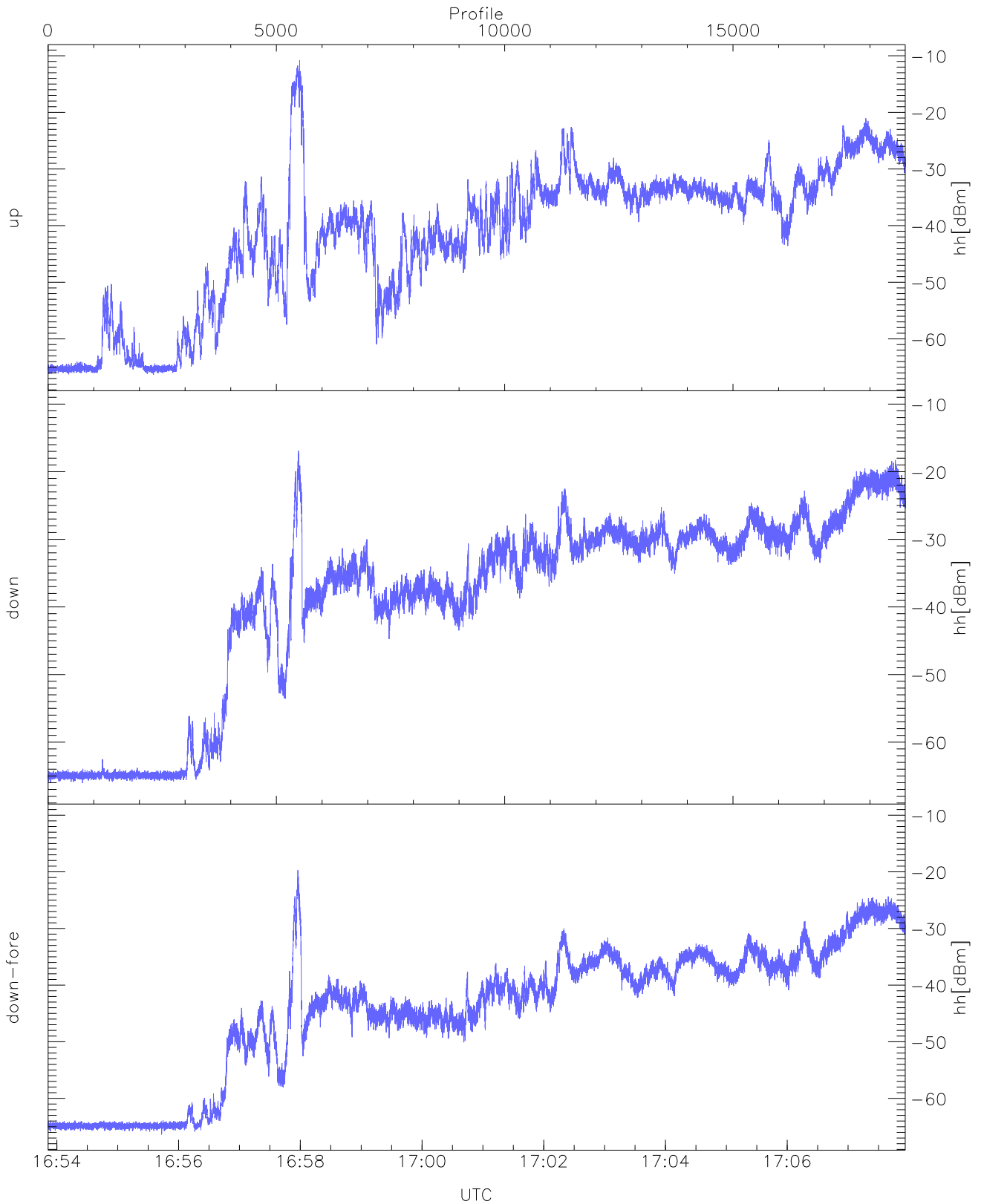
WCR3 CPP Averaged Received power for all recorded gates  
blue: 165351-170054, 9388 profiles averaged  
red: 170054-170756, 9387 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 165351-170054, 9388 profiles averaged  
red: 170054-170756, 9387 profiles averaged

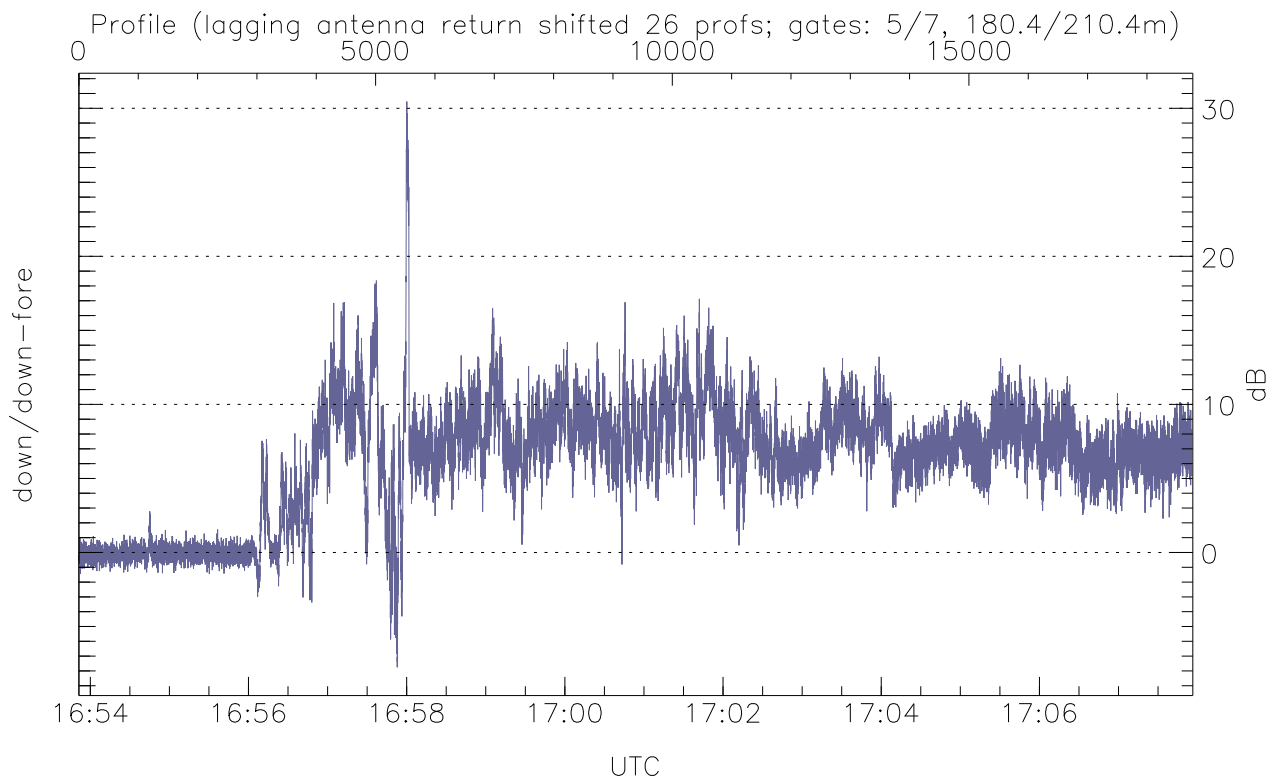
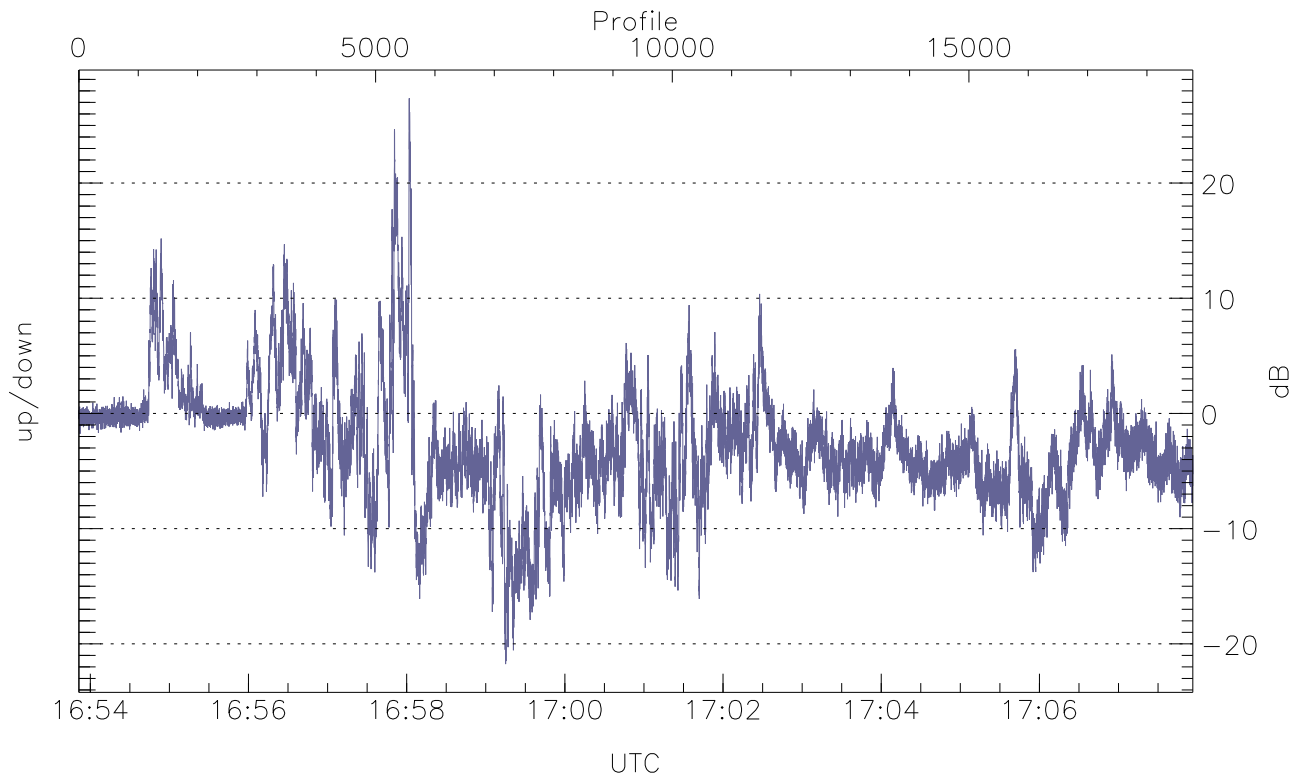


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



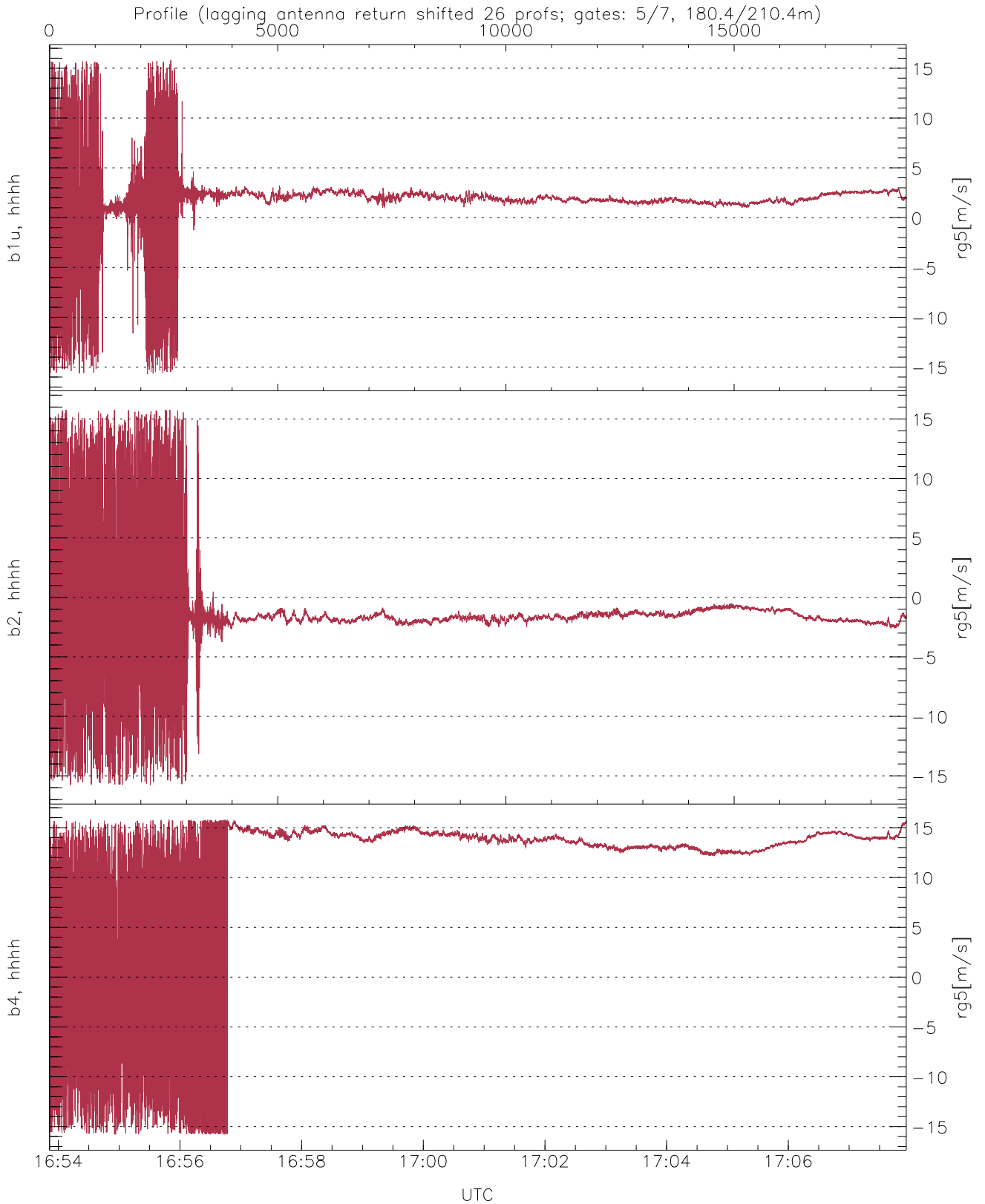
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.30	-10.81	-30.59
down(hh[dBm])	-66.06	-16.88	-29.80
down-fore(hh[dBm])	-66.38	-19.70	-35.77



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

	Min	Max	Mean
up/down (dB)	-21.75	27.36	-2.68
down/down-fore (dB)	-7.75	30.46	6.30



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.71	15.79	1.76	2.66
b2, hhhh(rg5[m/s])	-15.77	15.76	-1.39	3.39
b4, hhhh(rg5[m/s])	-15.79	15.79	11.06	7.18