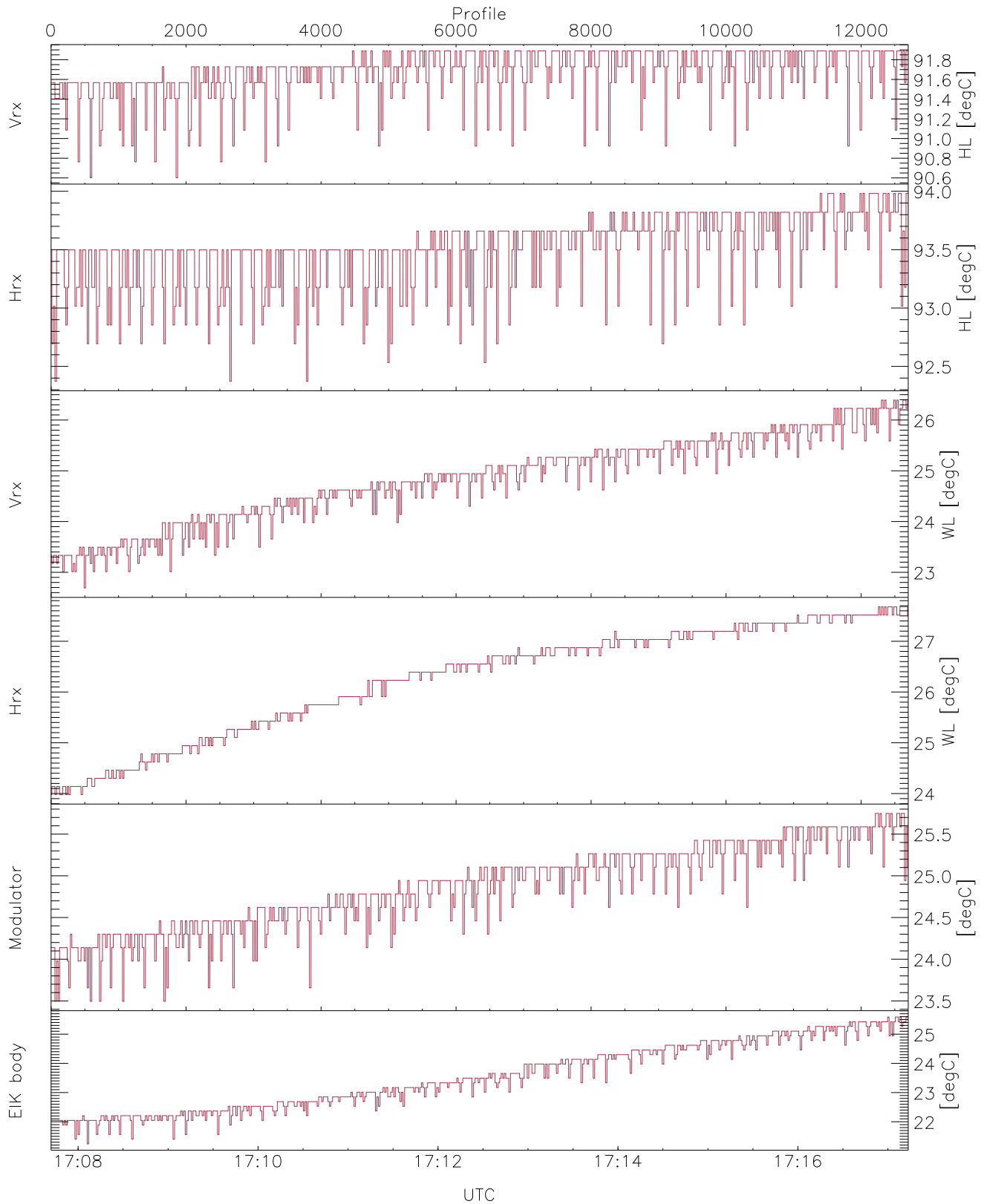


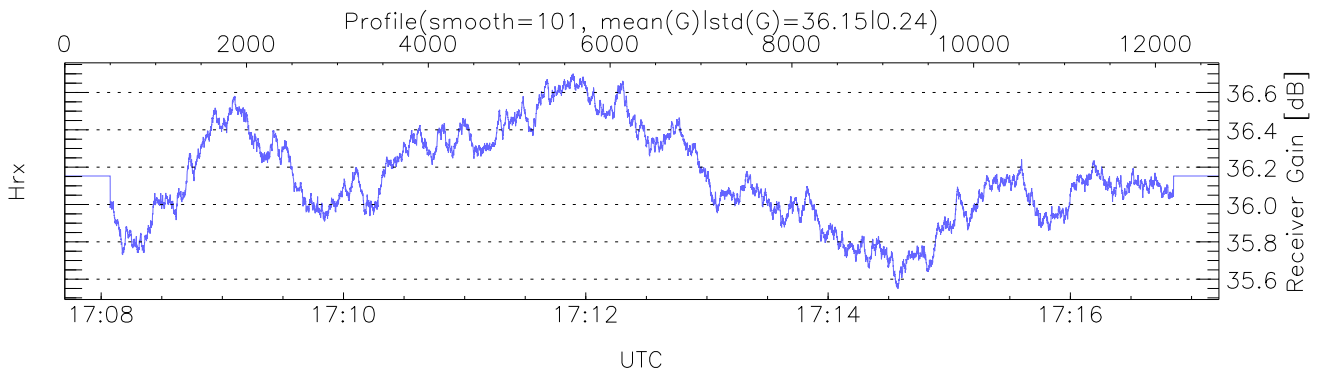
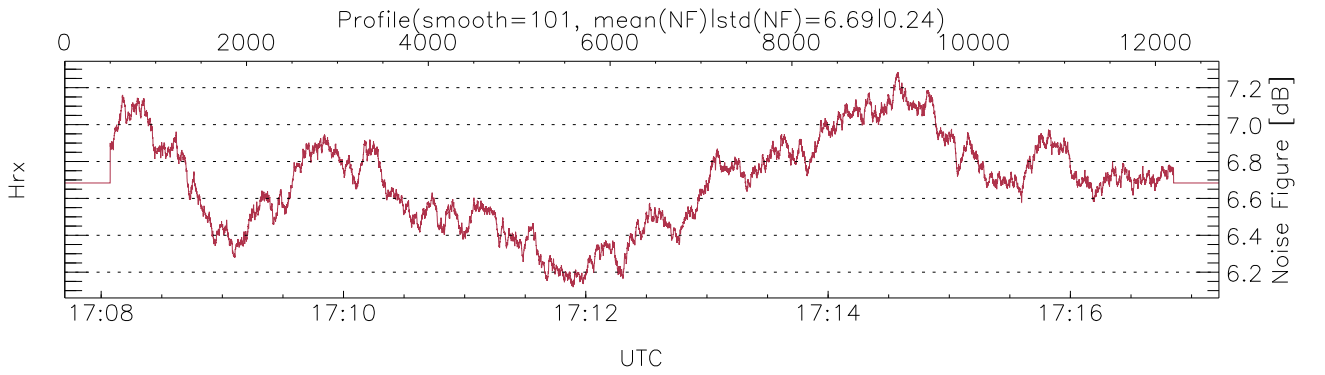
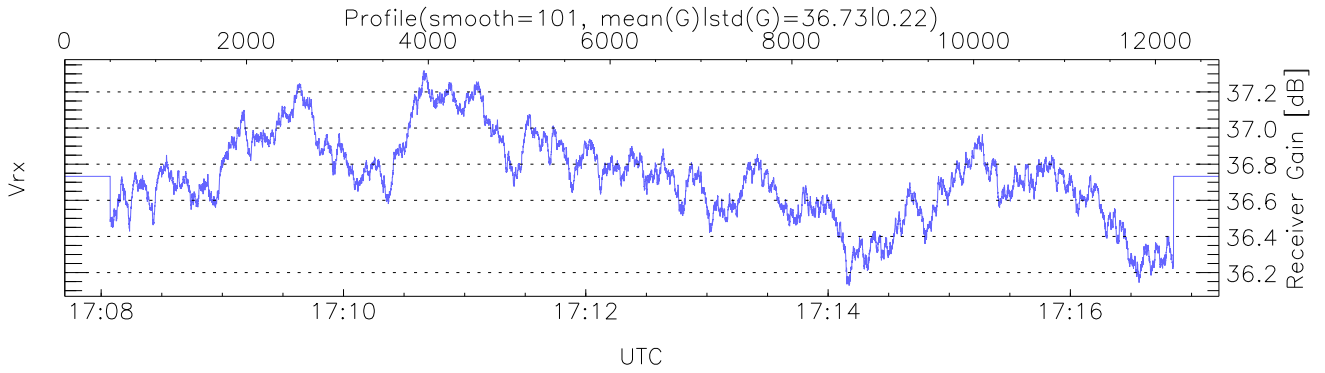
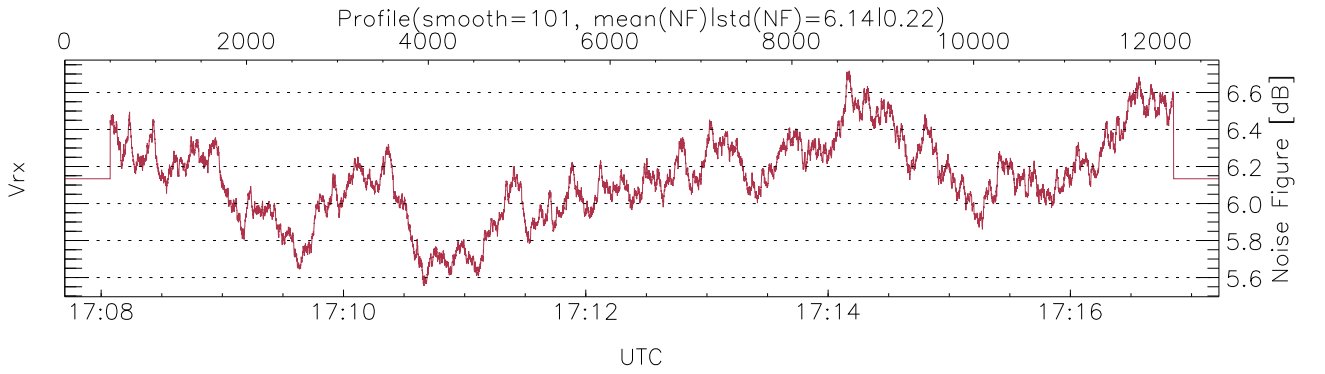
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:07:42-17:17:14, TimeCor: 0.00s, Dur: 571.60s  
 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): 12700/12700, 0-12699/17:07:42-17:17:14  
 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



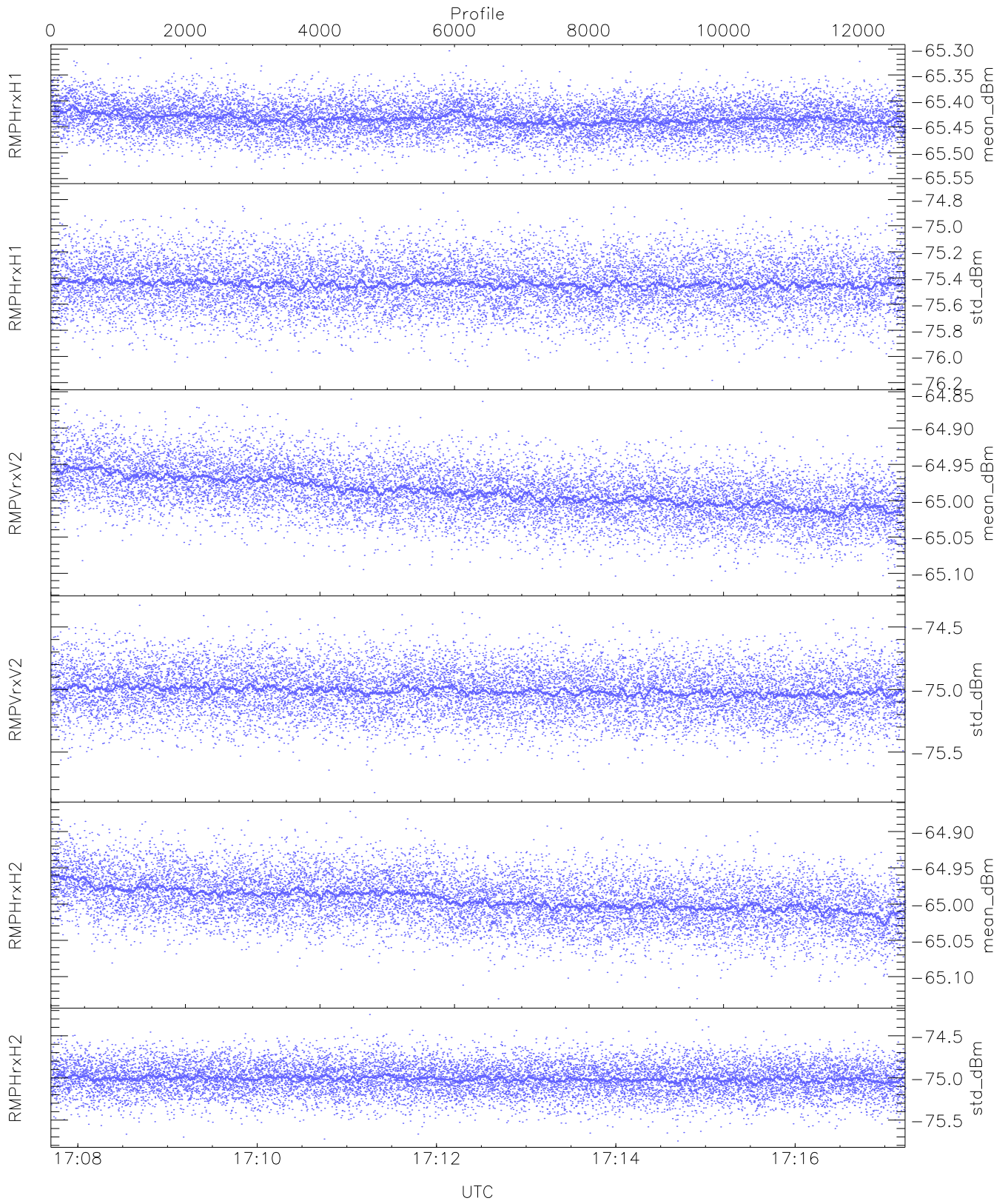
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,23,23,21`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,26,27,25,25`  
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)`



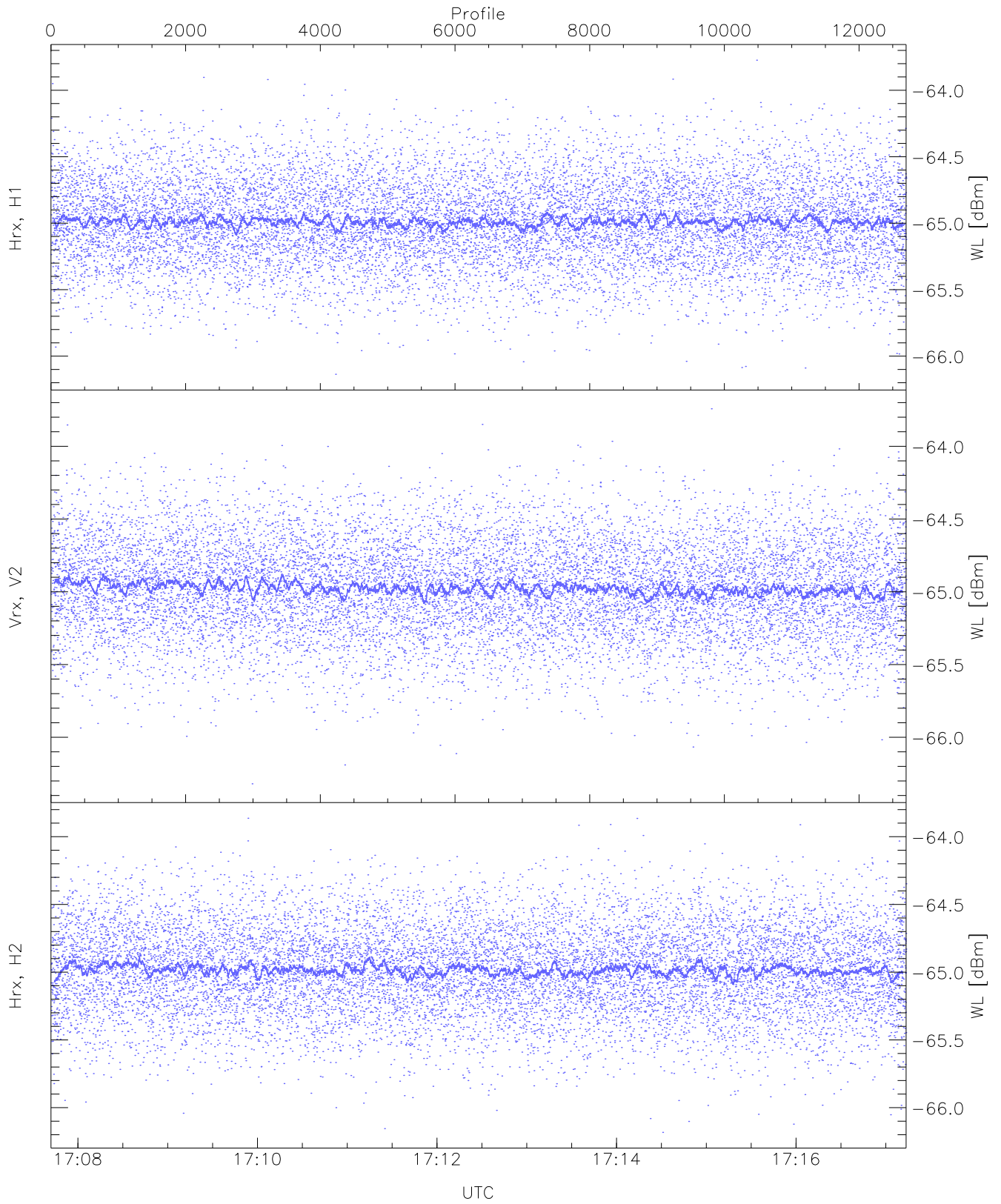
### WCR3 CPP Receivers Gain and Noise Figure

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



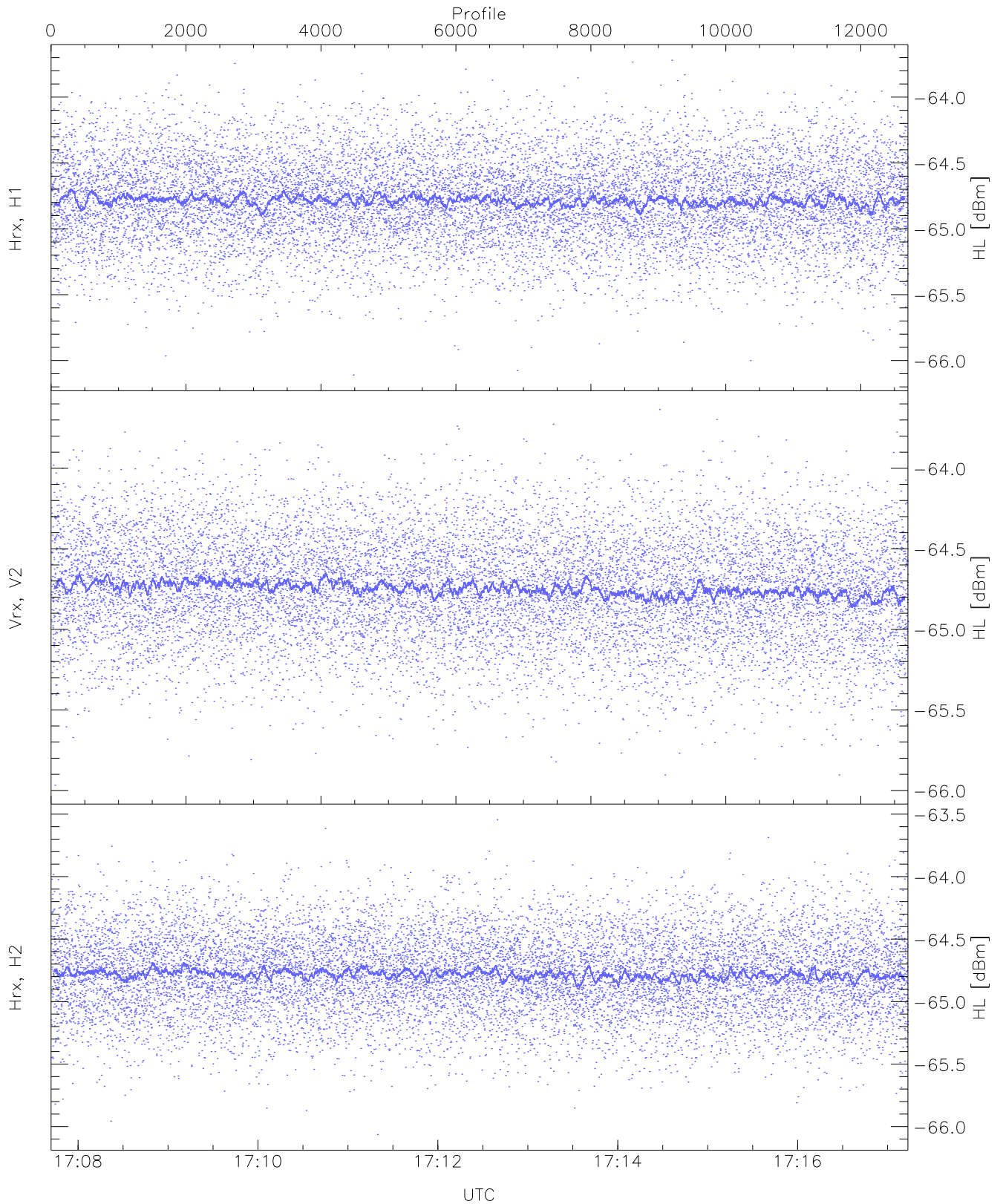
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.55	-65.30	-65.43	-65.43	-86.94
RMPHrxH1(std_dBm)	-76.18	-74.75	-75.45	-75.45	-89.24
RMPVrxV2(mean_dBm)	-65.12	-64.86	-64.99	-64.99	-85.96
RMPVrxV2(std_dBm)	-75.82	-74.33	-75.01	-75.01	-88.79
RMPHrxH2(mean_dBm)	-65.13	-64.87	-64.99	-64.99	-86.23
RMPHrxH2(std_dBm)	-75.75	-74.25	-75.01	-75.01	-88.80



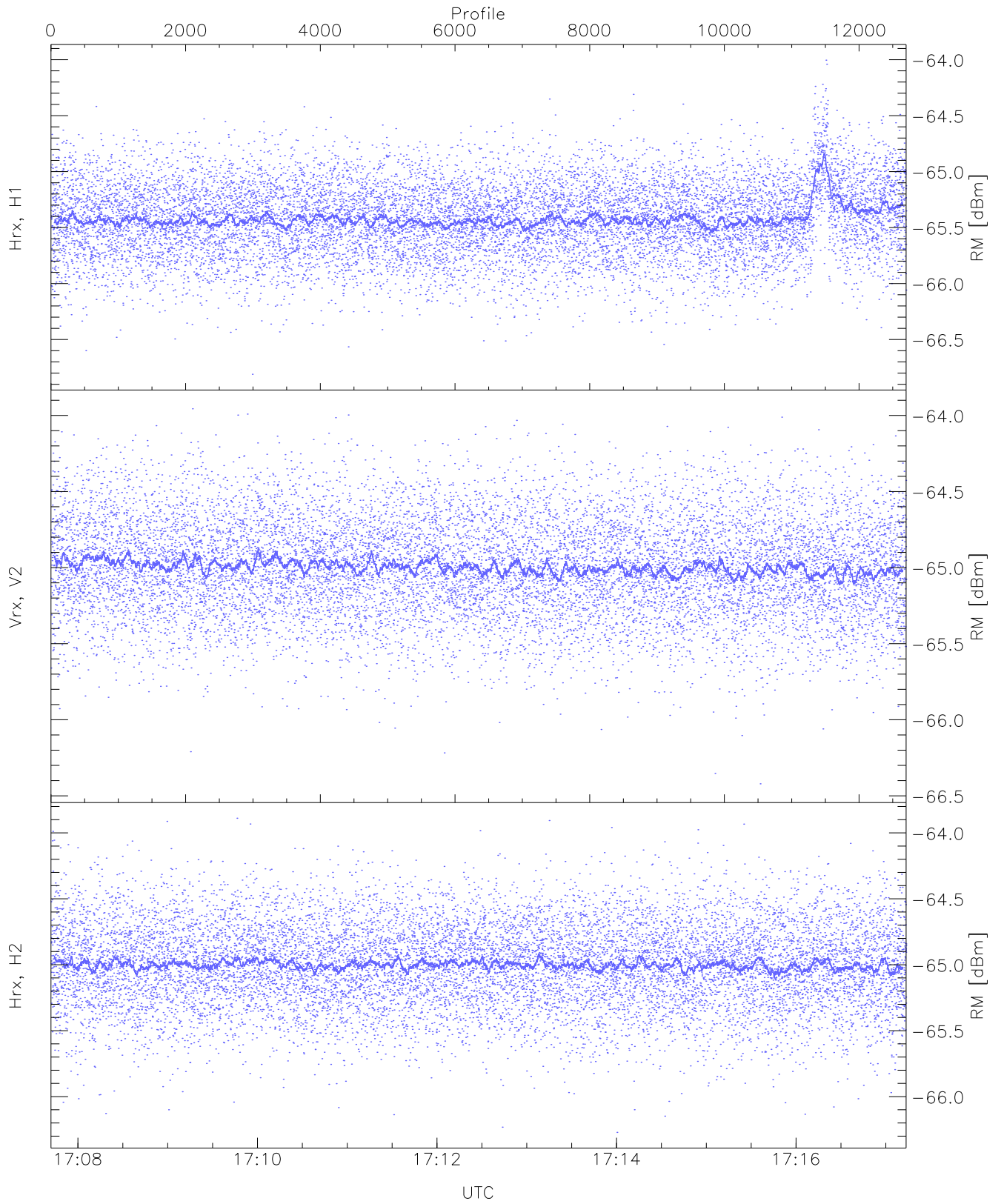
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.14	-63.77	-64.98	-64.99	-76.51
Vrx, V2 (WL [dBm])	-66.32	-63.74	-64.97	-64.98	-76.46
Hrx, H2 (WL [dBm])	-66.18	-63.86	-64.98	-64.98	-76.50



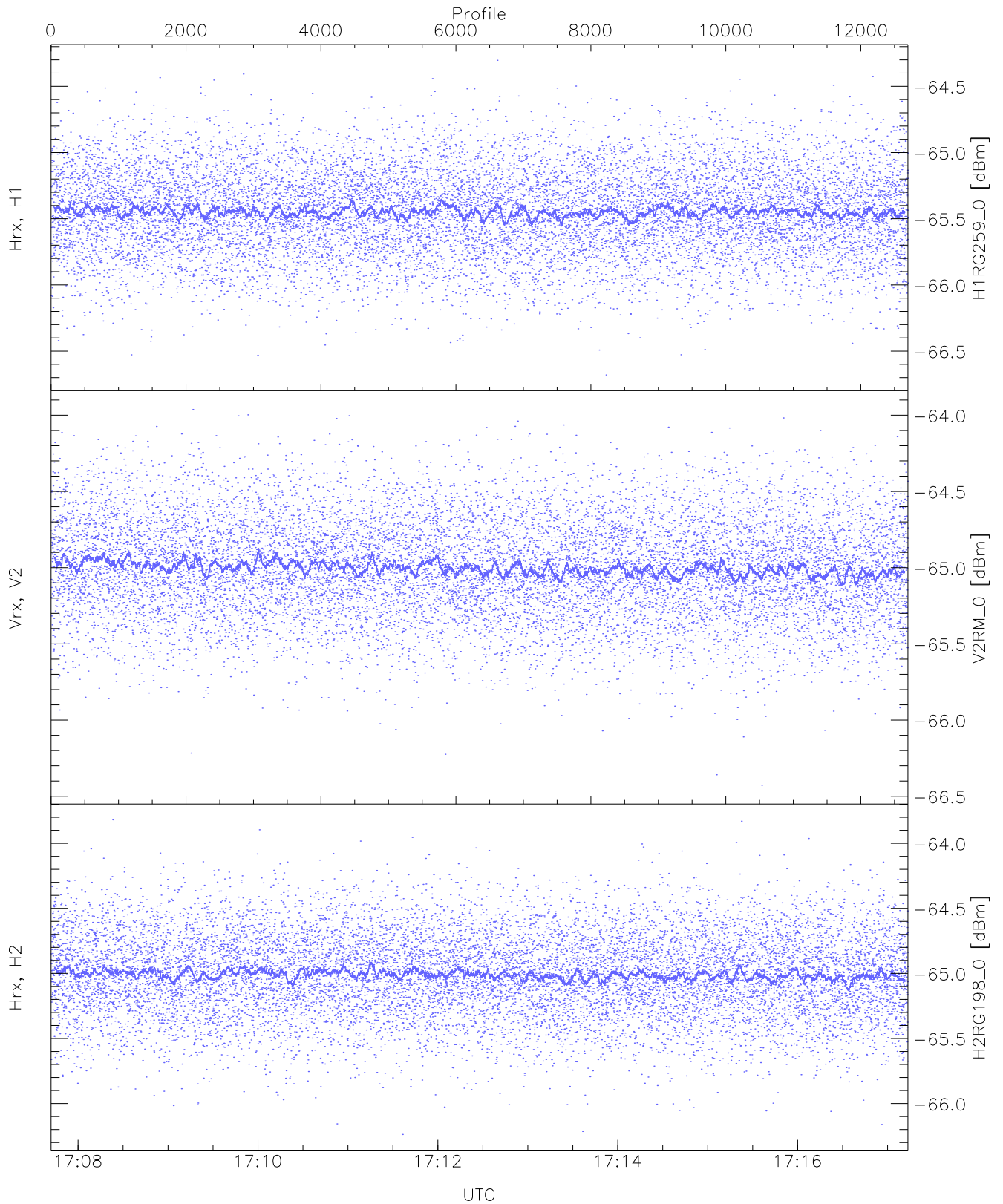
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.11	-63.72	-64.78	-64.79	-76.27
Vrx, V2 (HL [dBm])	-65.97	-63.64	-64.74	-64.75	-76.22
Hrx, H2 (HL [dBm])	-66.06	-63.55	-64.77	-64.78	-76.27



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

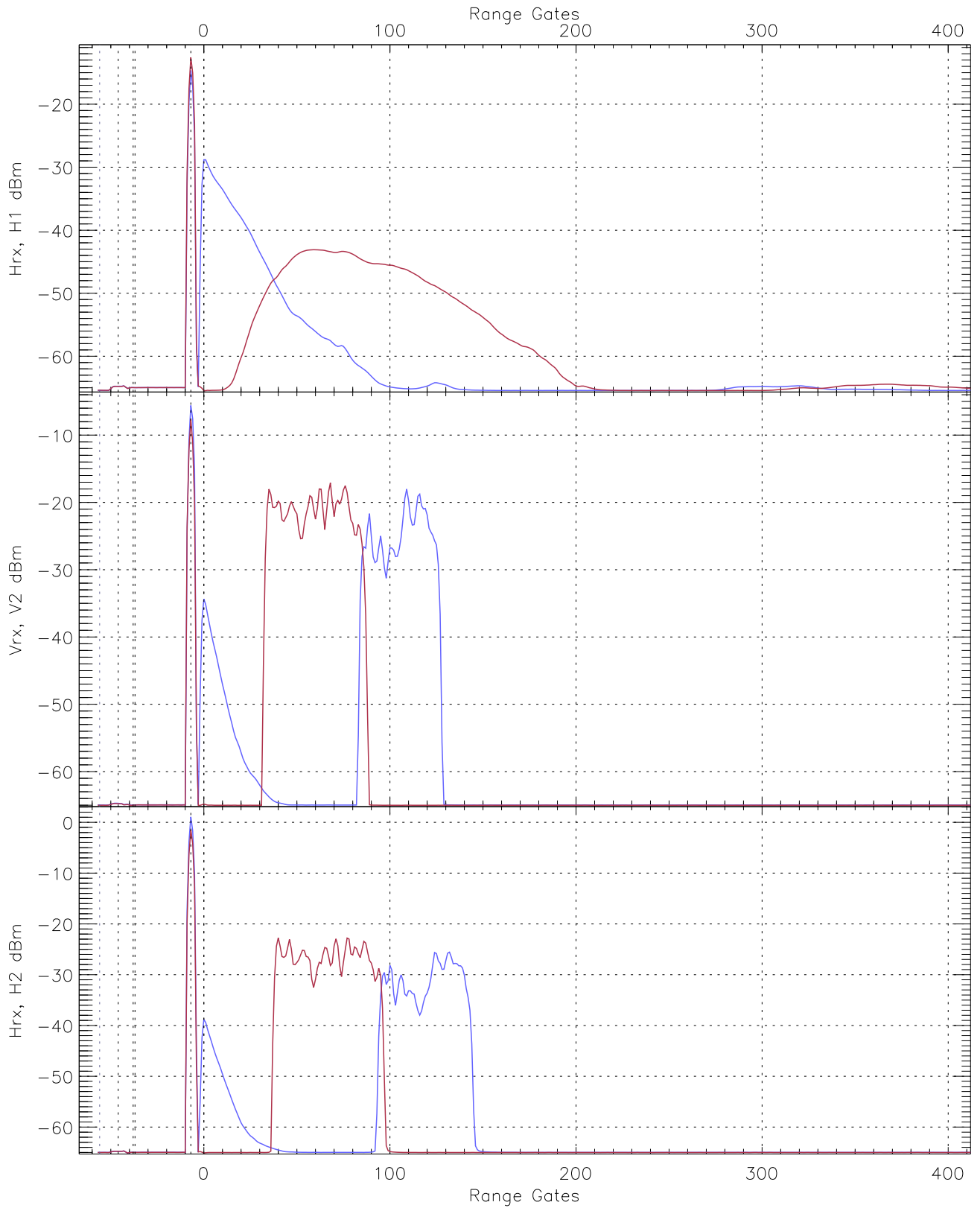
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.81	-64.00	-65.41	-65.42	-76.76
Vrx, V2 (RM [dBm])	-66.42	-63.96	-64.99	-65.00	-76.48
Hrx, H2 (RM [dBm])	-66.27	-63.89	-64.99	-65.00	-76.53



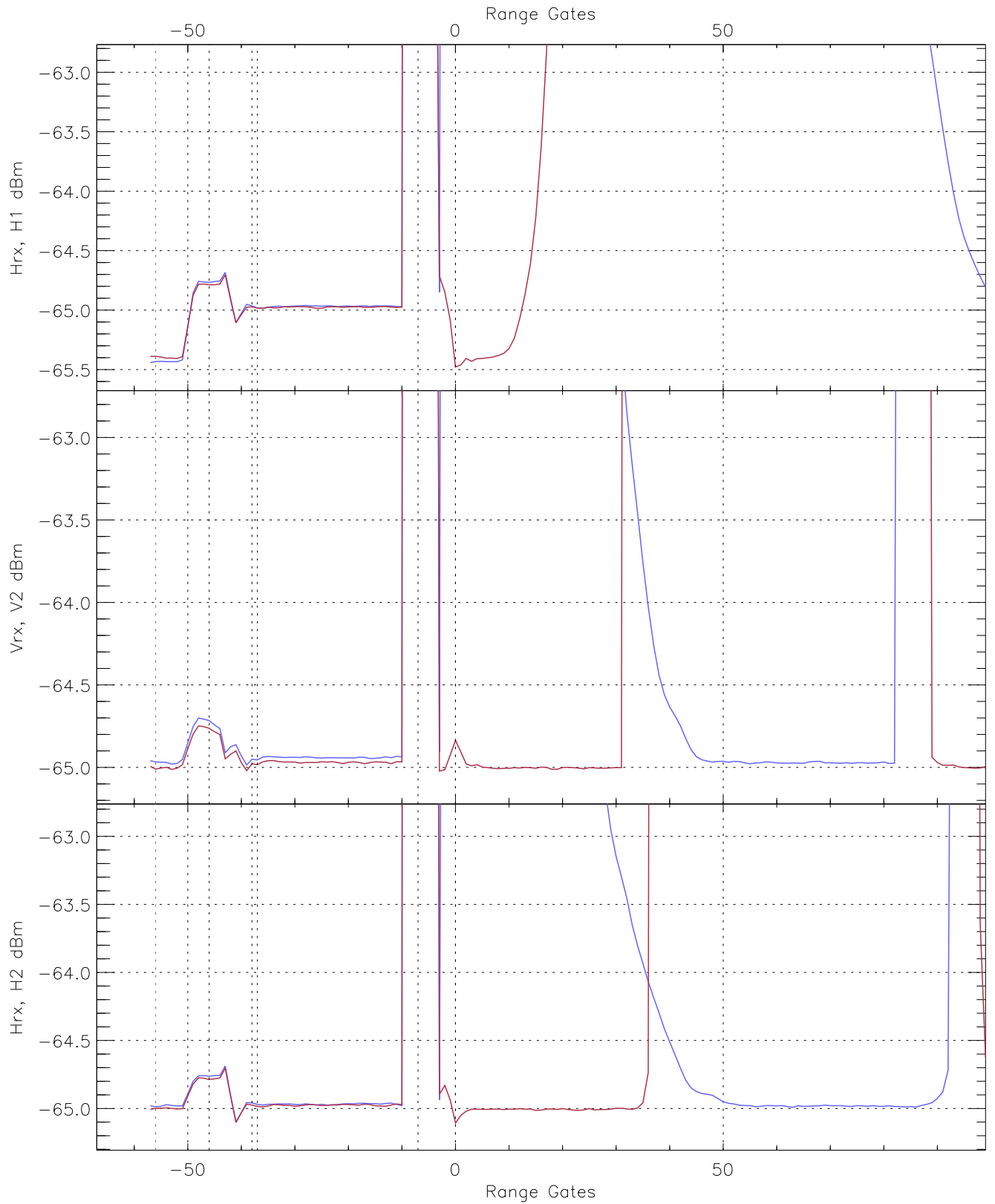
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG259_0 [dBm]	-66.68	-64.30	-65.44	-65.45	-76.94
V2RM_0 [dBm]	-66.43	-63.96	-65.00	-65.01	-76.49
H2RG198_0 [dBm]	-66.24	-63.82	-65.00	-65.01	-76.51

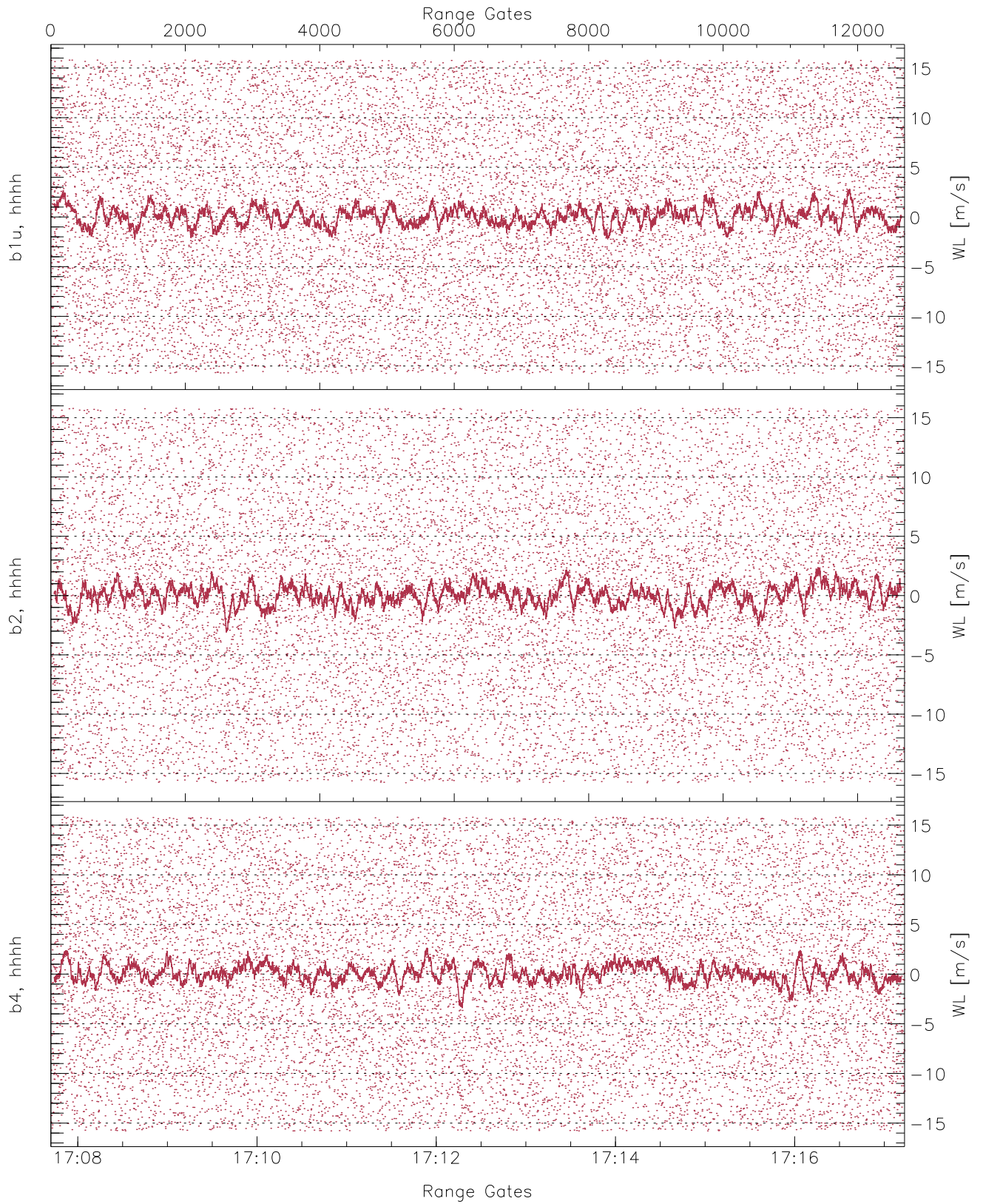




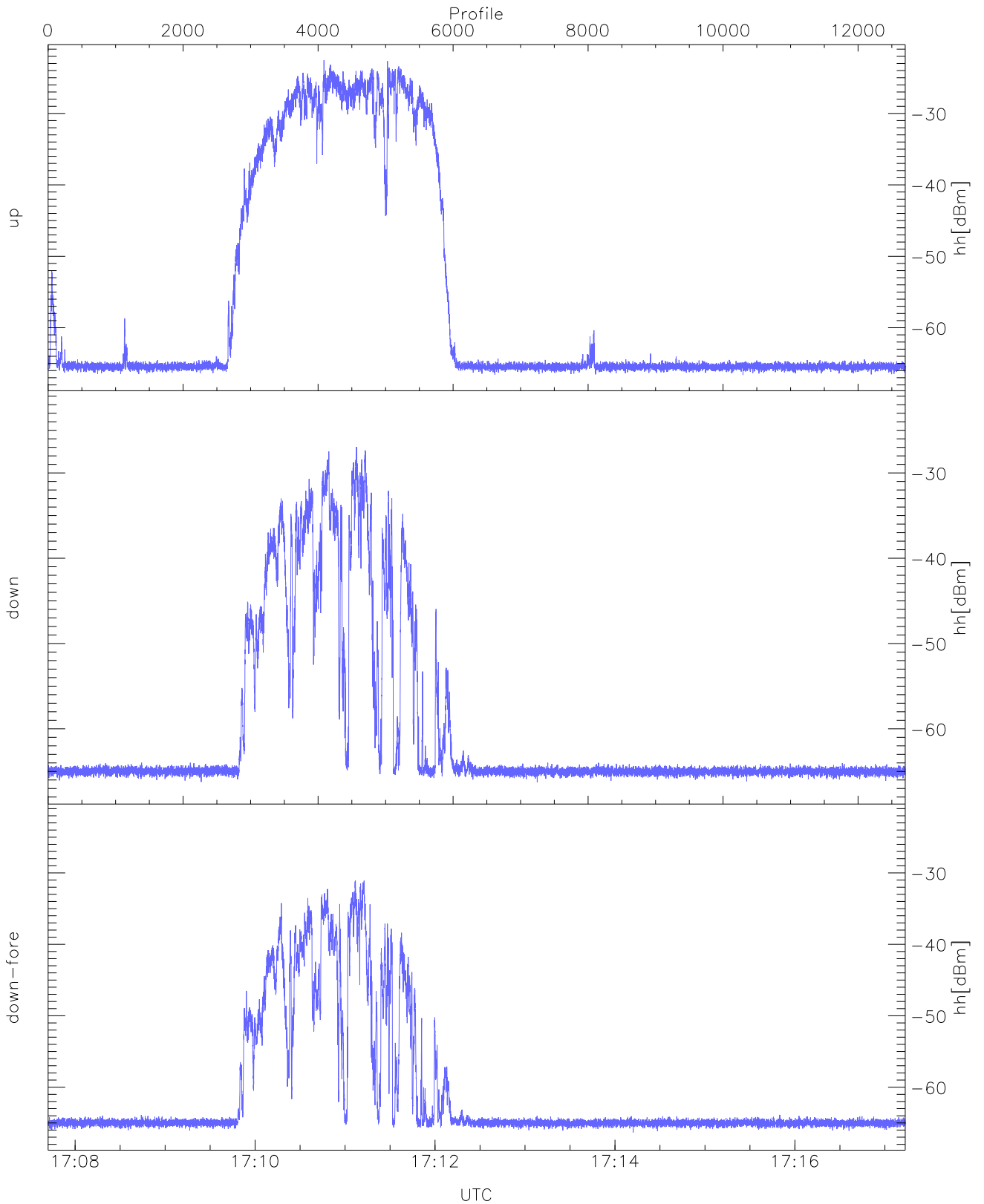
WCR3 CPP Averaged Received power for all recorded gates  
blue: 170742-171228, 6351 profiles averaged  
red: 171228-171714, 6350 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 170742-171228, 6351 profiles averaged  
red: 171228-171714, 6350 profiles averaged

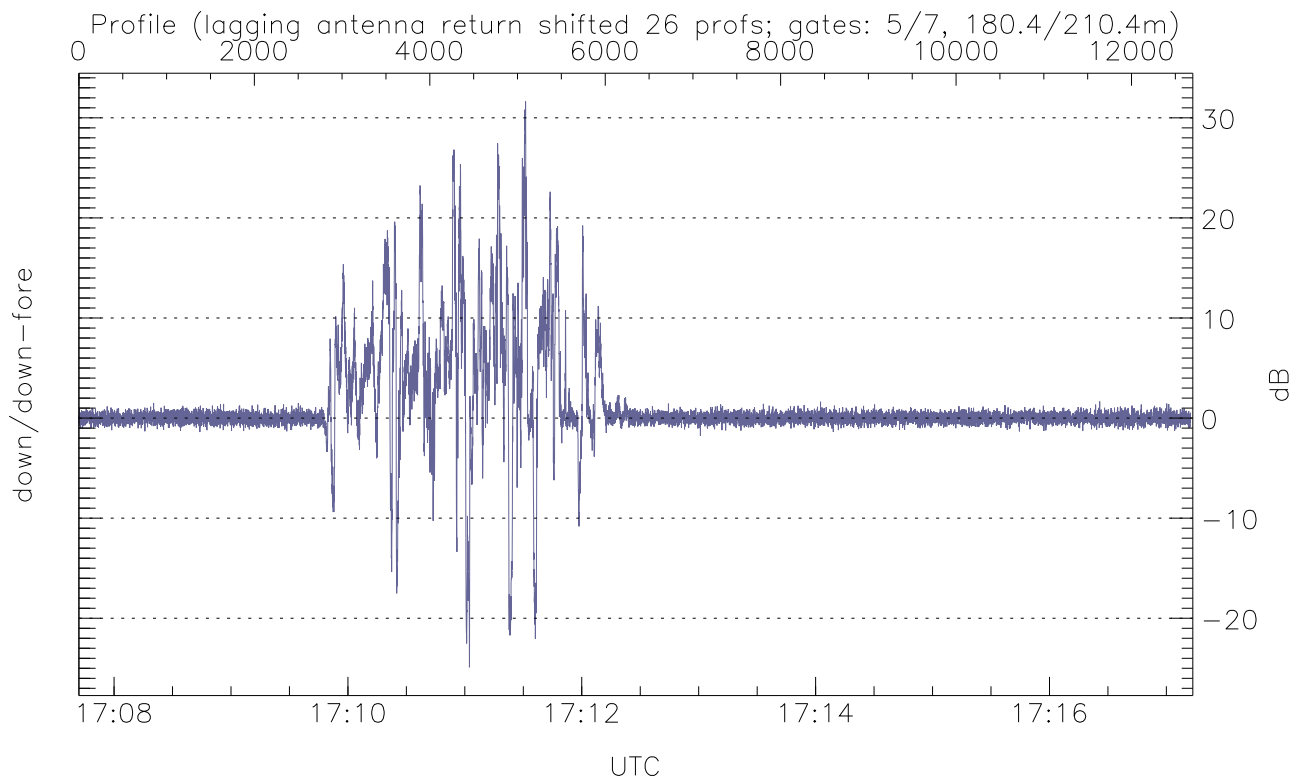
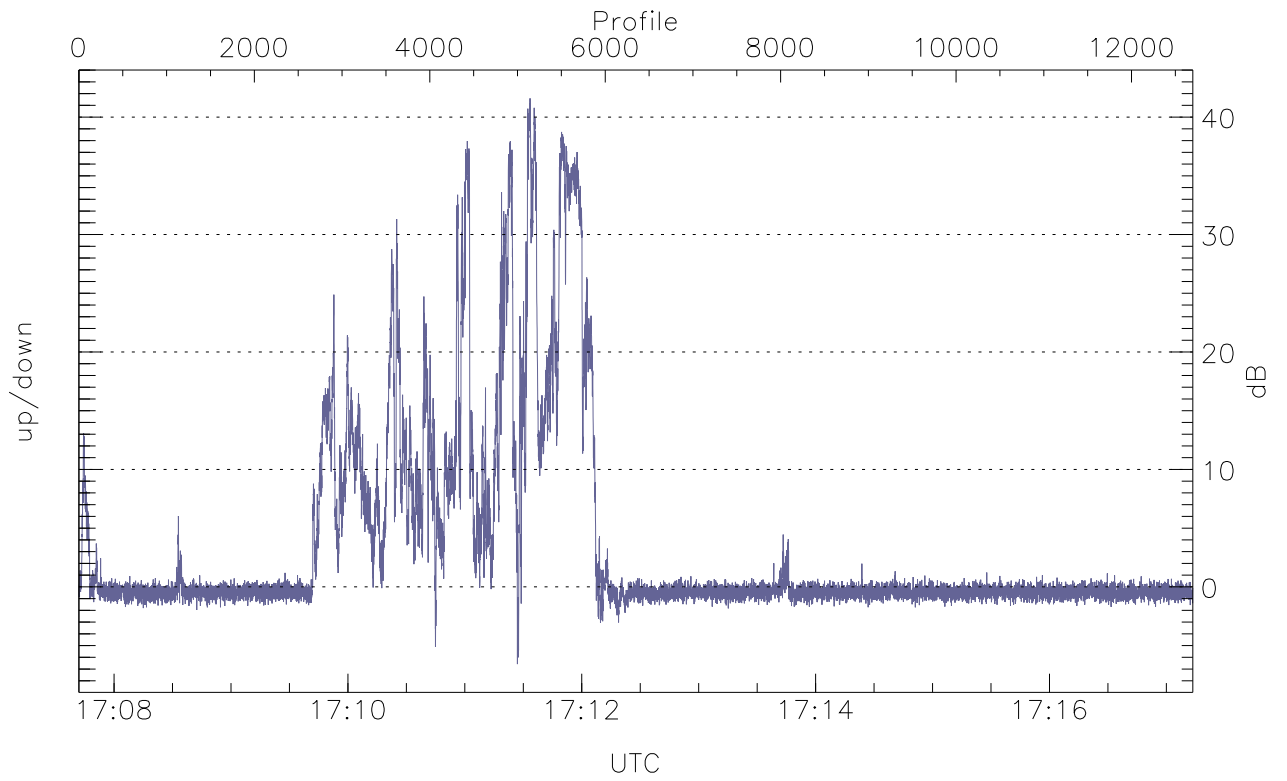


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



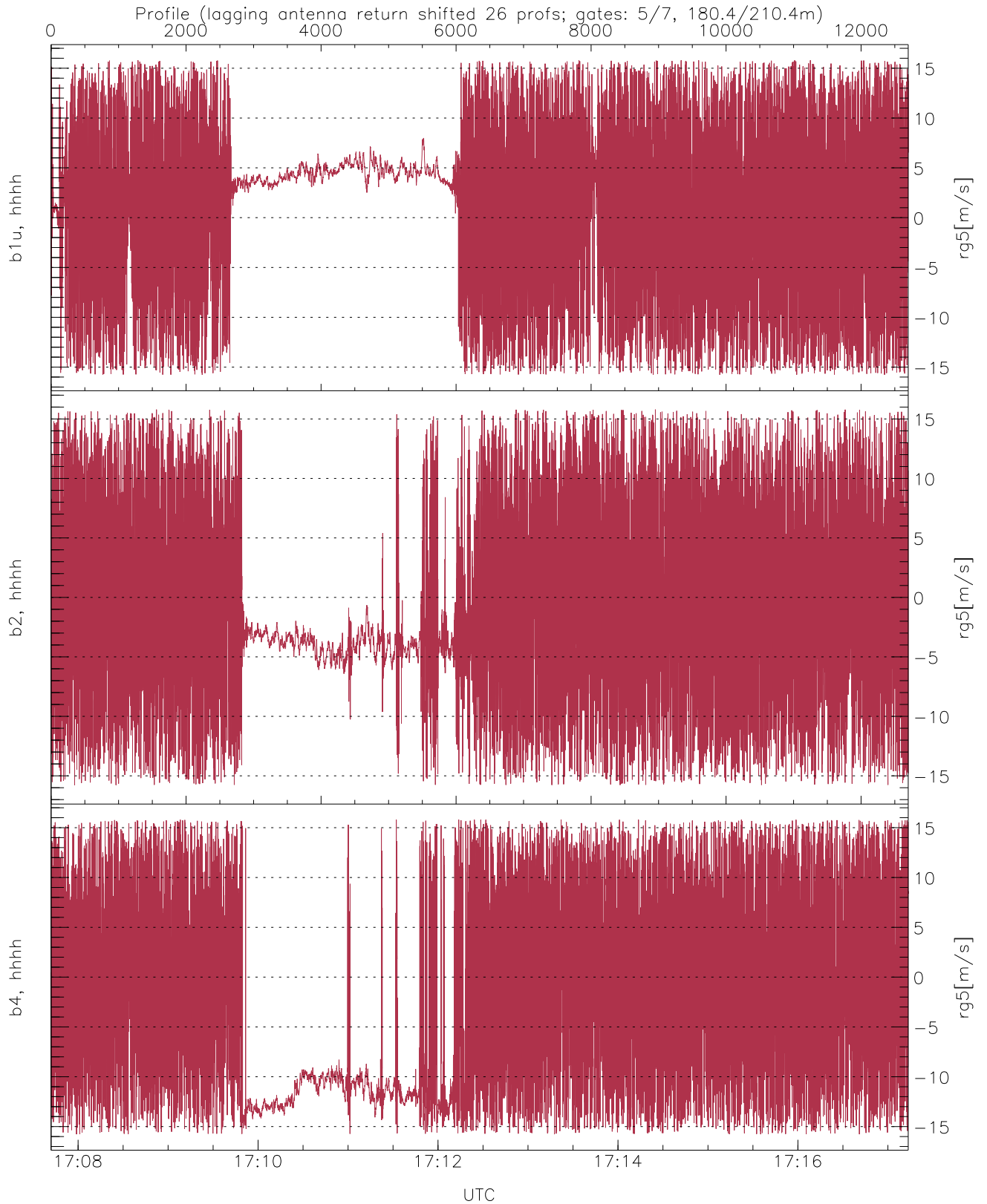
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.62	-22.56	-34.44
down(hh[dBm])	-66.28	-26.94	-43.77
down-fore(hh[dBm])	-66.32	-31.08	-47.27



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

	Min	Max	Mean
up/down (dB)	-6.57	41.60	3.64
down/down-fore (dB)	-24.90	31.63	1.21



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	1.35	7.42
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.98	7.26
b4, hhhh(rg5[m/s])	-15.77	15.79	-2.74	9.12