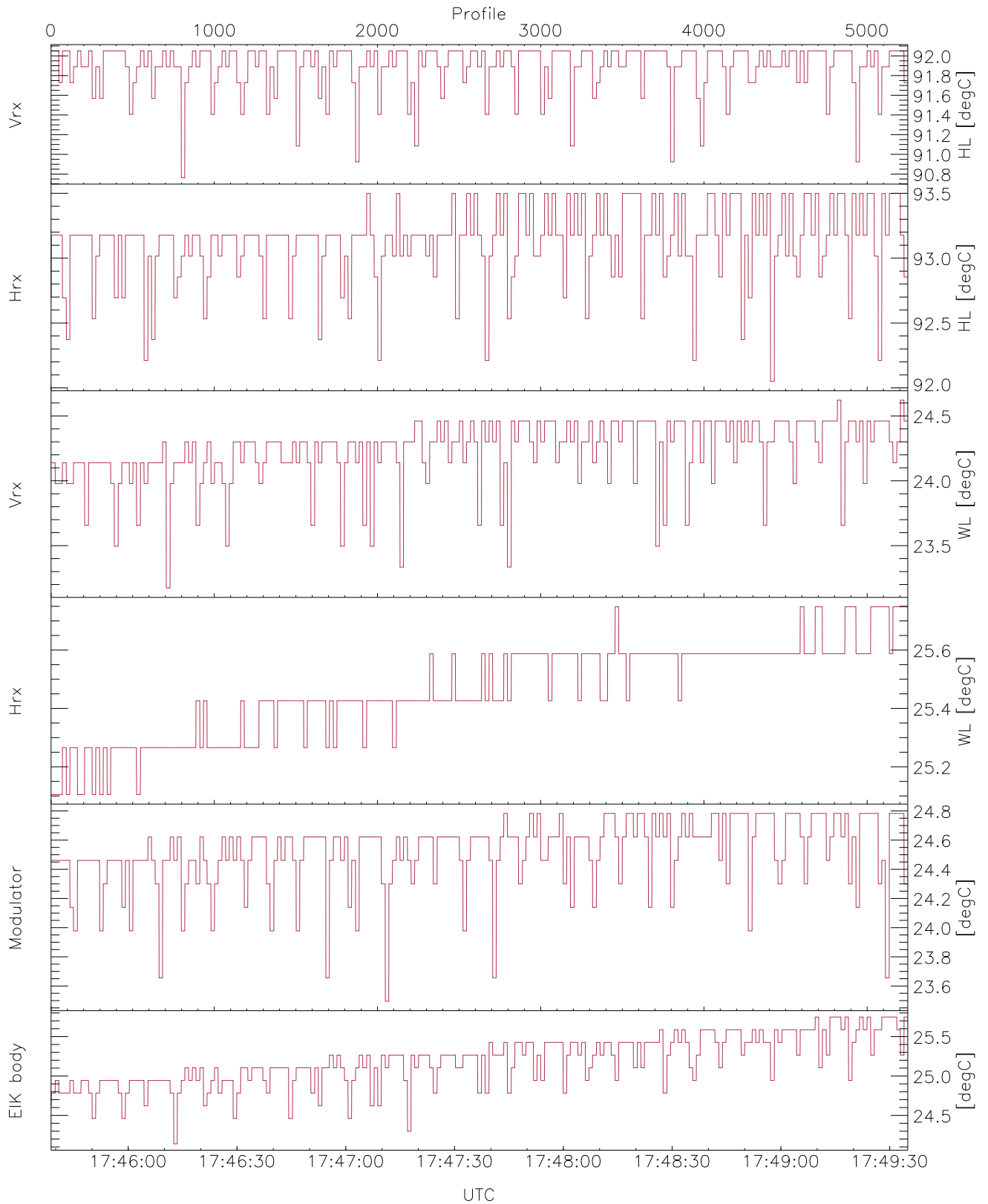


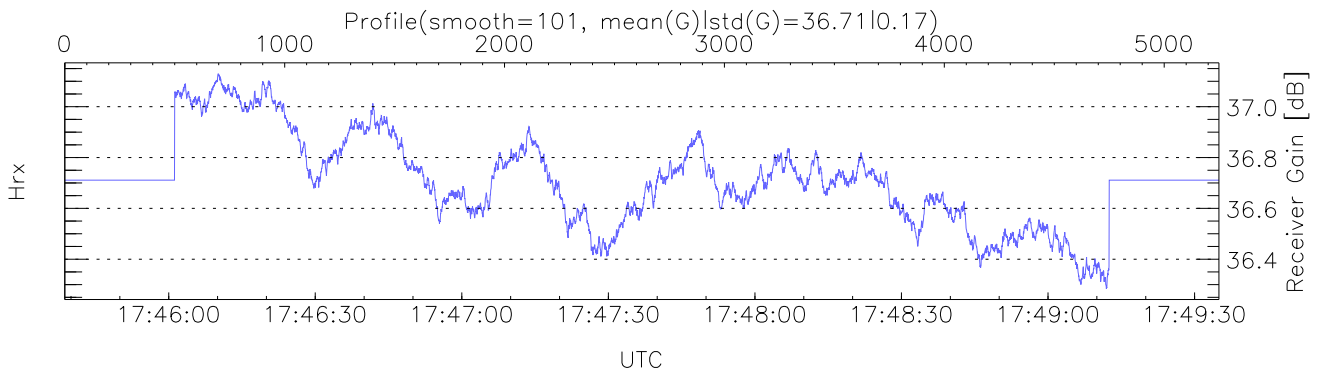
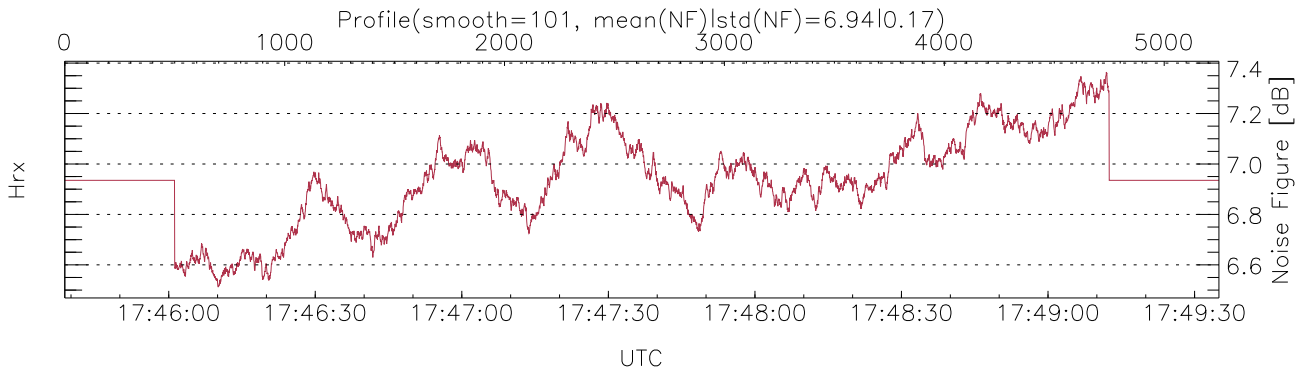
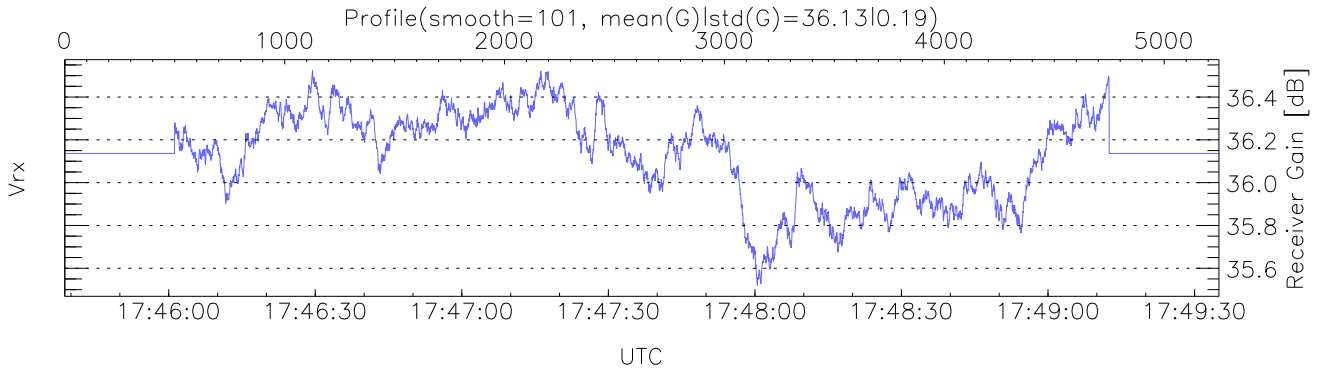
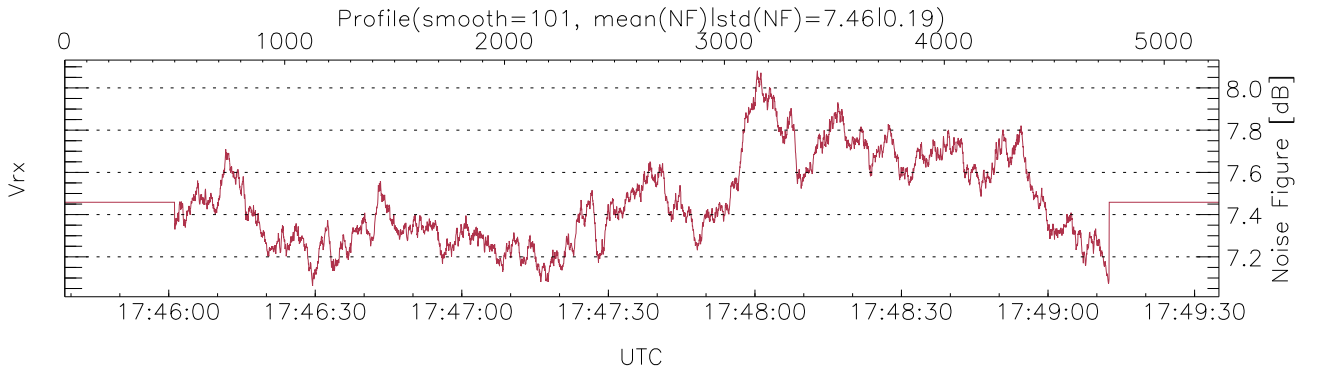
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:45:39-17:49:35, TimeCor: 0.00s, Dur: 236.26s  
 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): 5250/5250, 0-5249/17:45:39-17:49:35  
 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



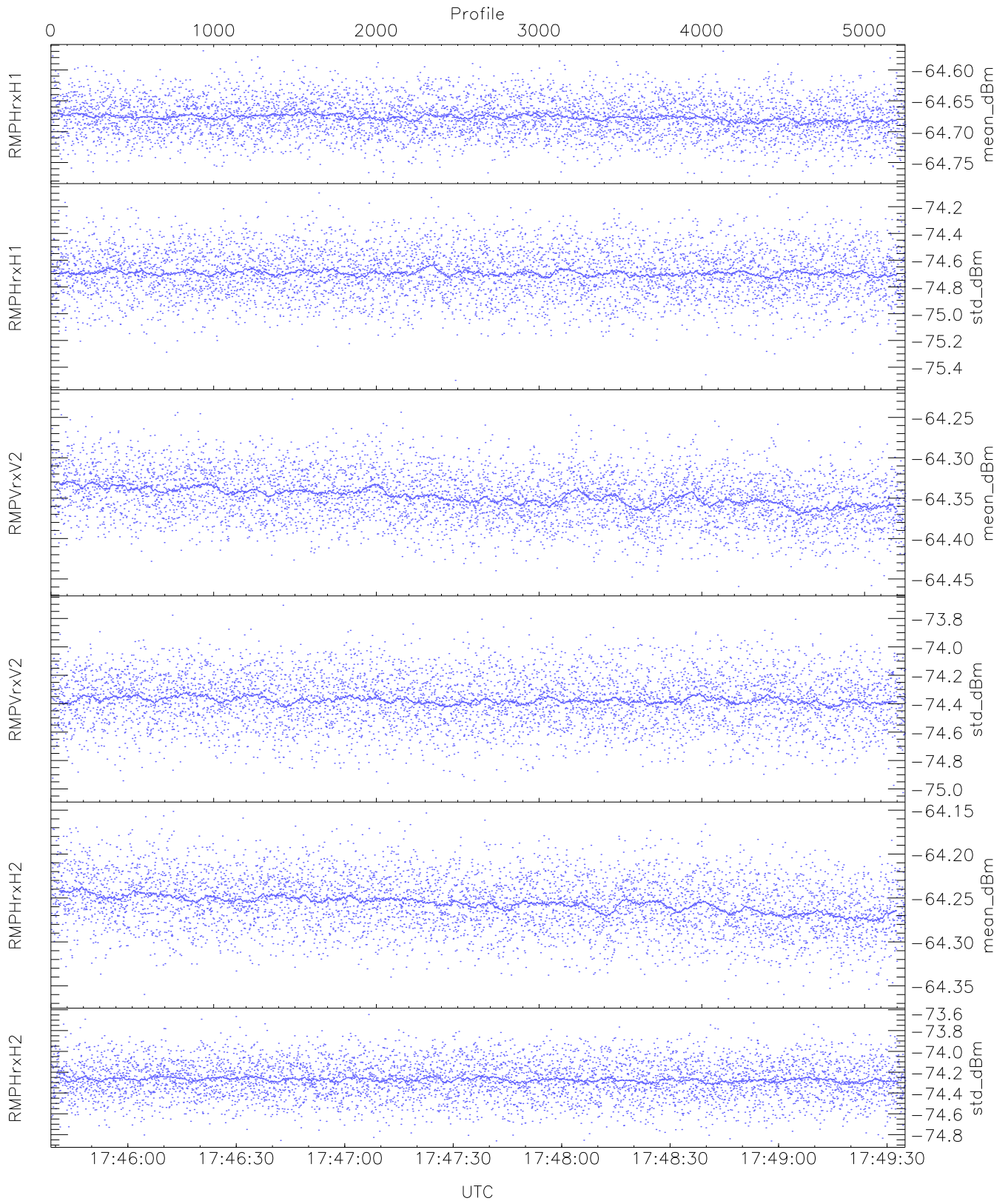
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,25,23,24`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,25,24,25`  
`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)`



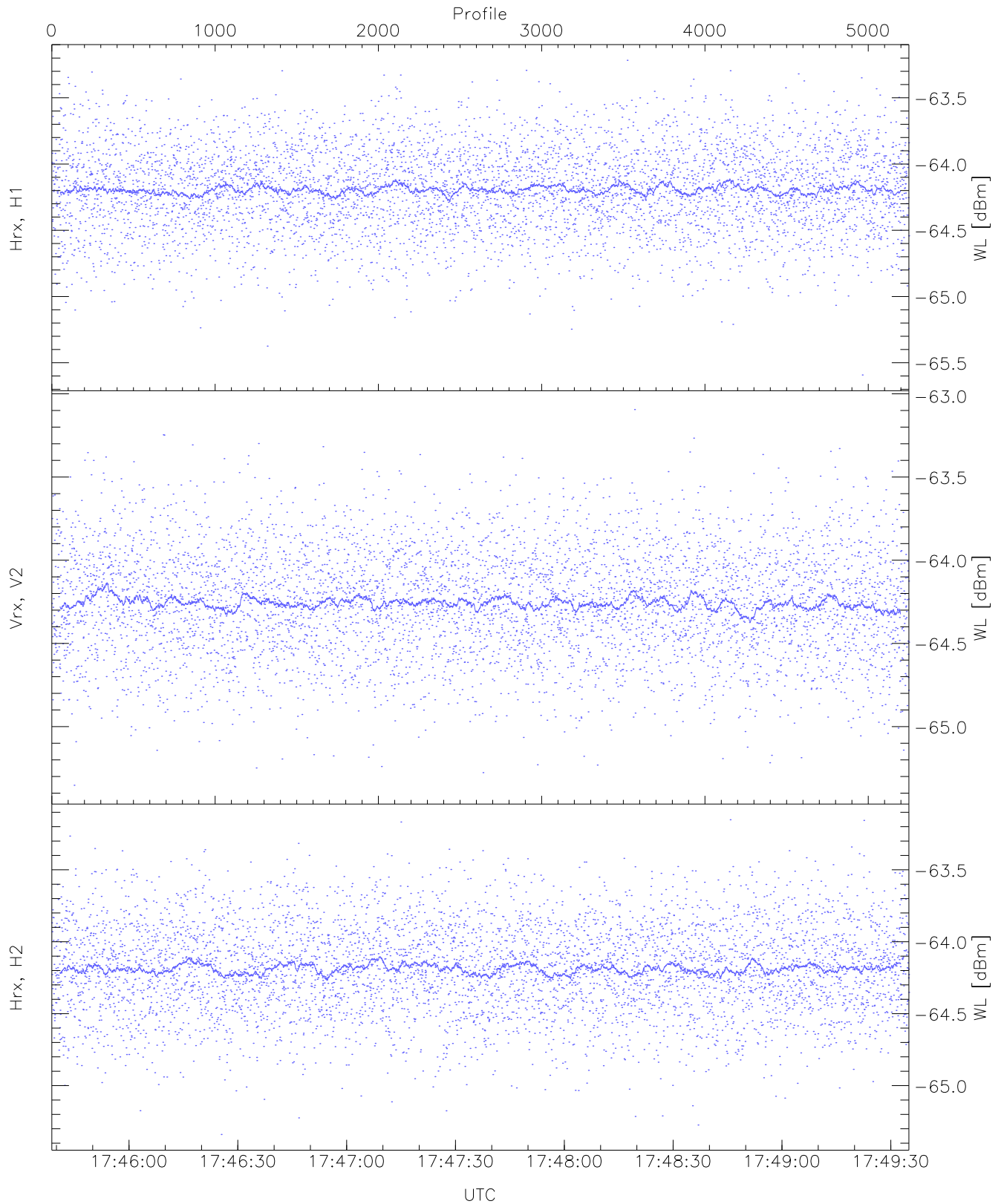
### WCR3 CPP Receivers Gain and Noise Figure

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



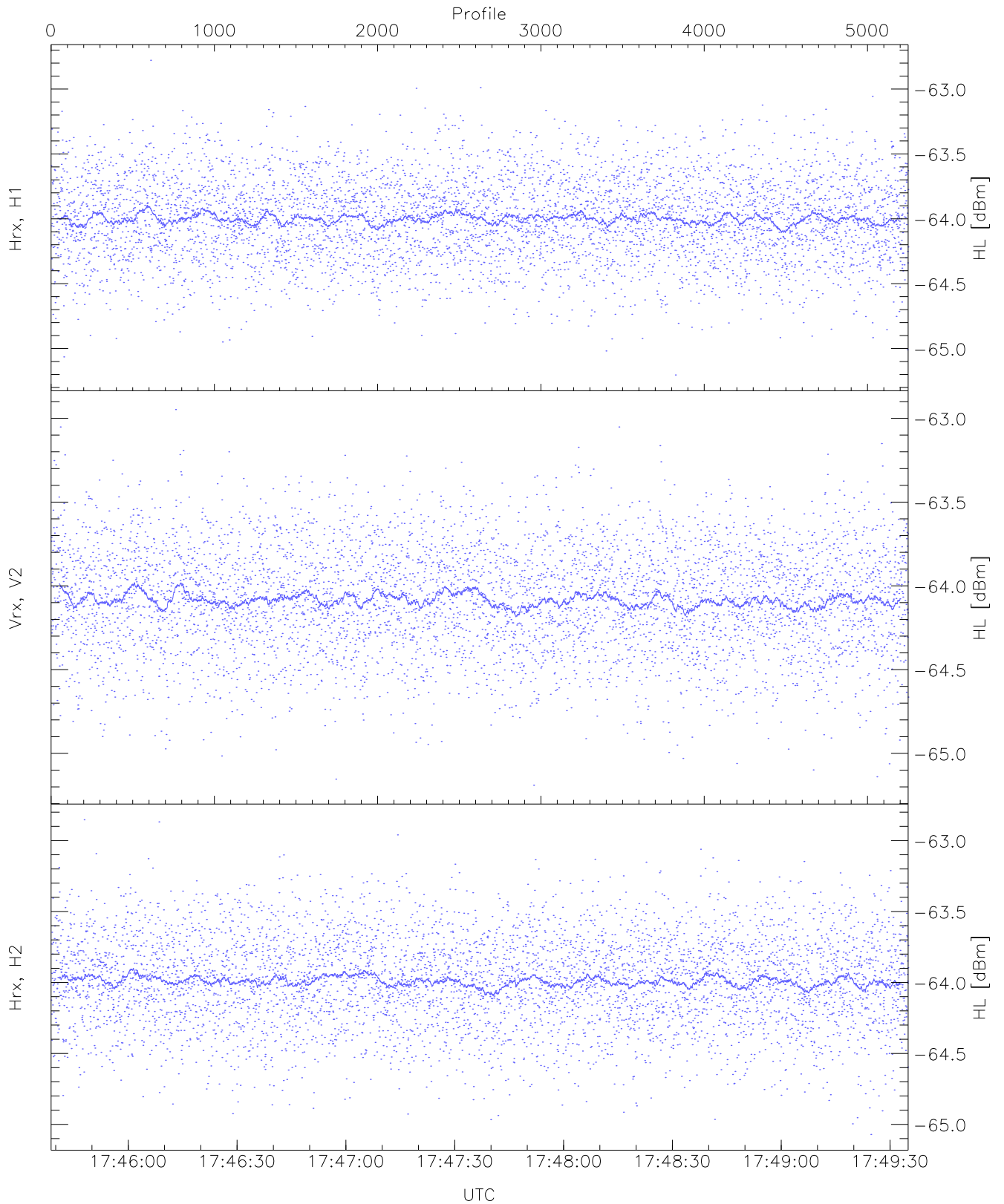
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-64.77	-64.57	-64.68	-64.68	-86.22
RMPHrxH1 (std_dBm)	-75.50	-74.10	-74.69	-74.70	-88.48
RMPVrxV2 (mean_dBm)	-64.46	-64.23	-64.35	-64.35	-85.79
RMPVrxV2 (std_dBm)	-75.03	-73.71	-74.37	-74.37	-88.11
RMPHrxH2 (mean_dBm)	-64.36	-64.15	-64.26	-64.26	-85.72
RMPHrxH2 (std_dBm)	-74.86	-73.65	-74.27	-74.27	-88.01



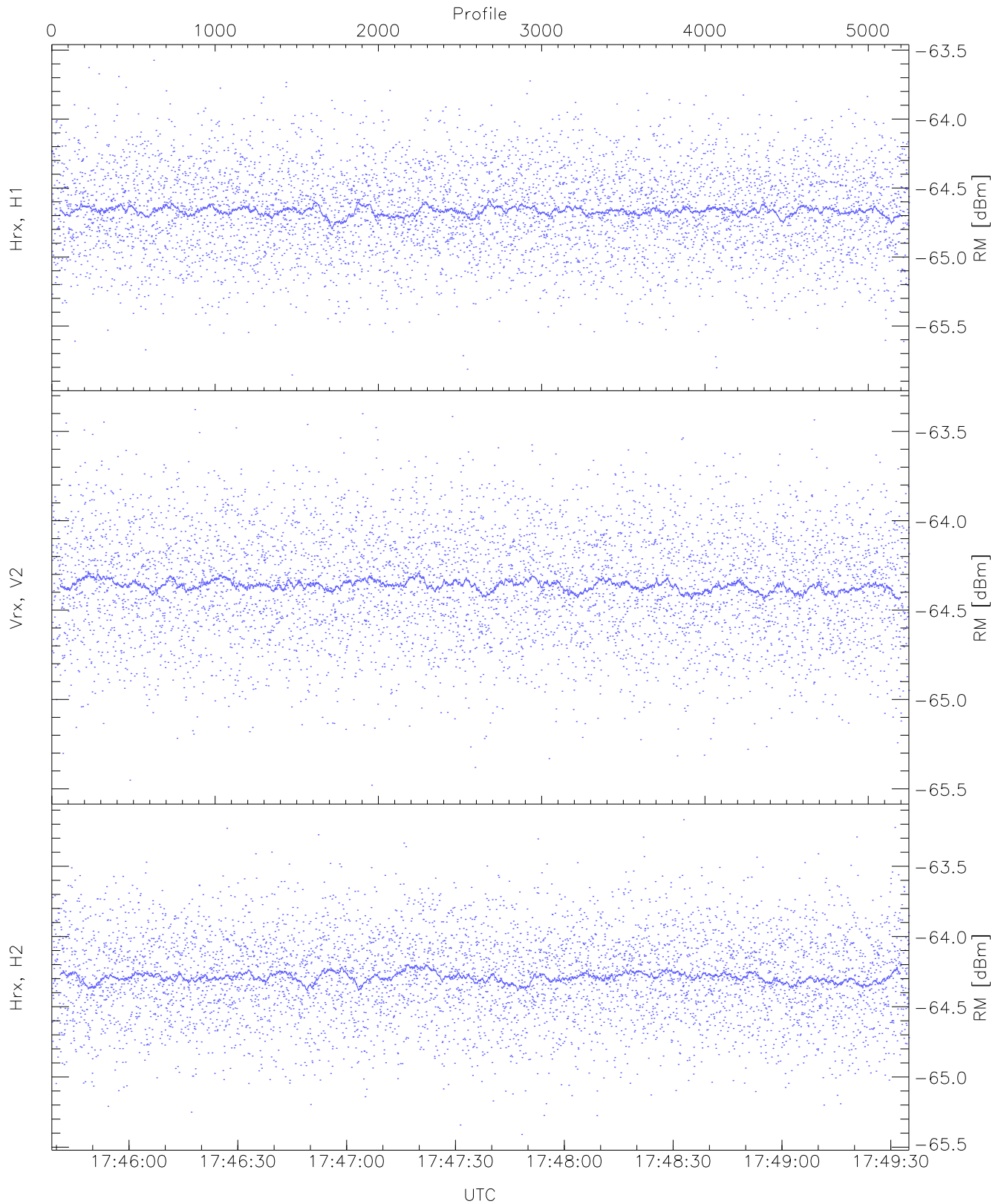
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.59	-63.22	-64.19	-64.19	-75.68
Vrx, V2 (WL [dBm])	-65.35	-63.09	-64.25	-64.26	-75.68
Hrx, H2 (WL [dBm])	-65.34	-63.15	-64.18	-64.19	-75.72



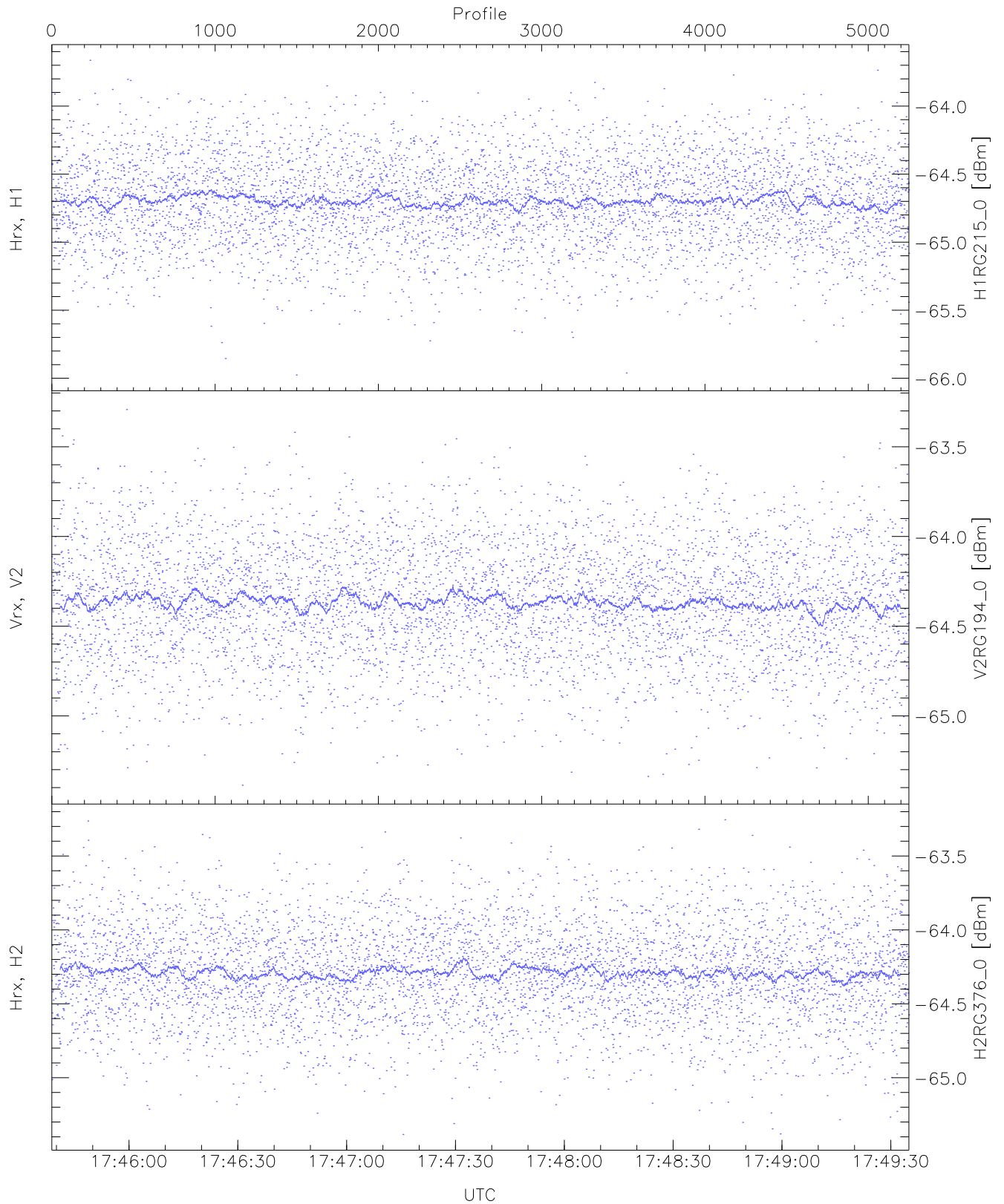
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.20	-62.78	-63.99	-64.00	-75.50
Vrx, V2 (HL [dBm])	-65.19	-62.95	-64.07	-64.08	-75.64
Hrx, H2 (HL [dBm])	-65.07	-62.85	-63.98	-63.98	-75.47



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

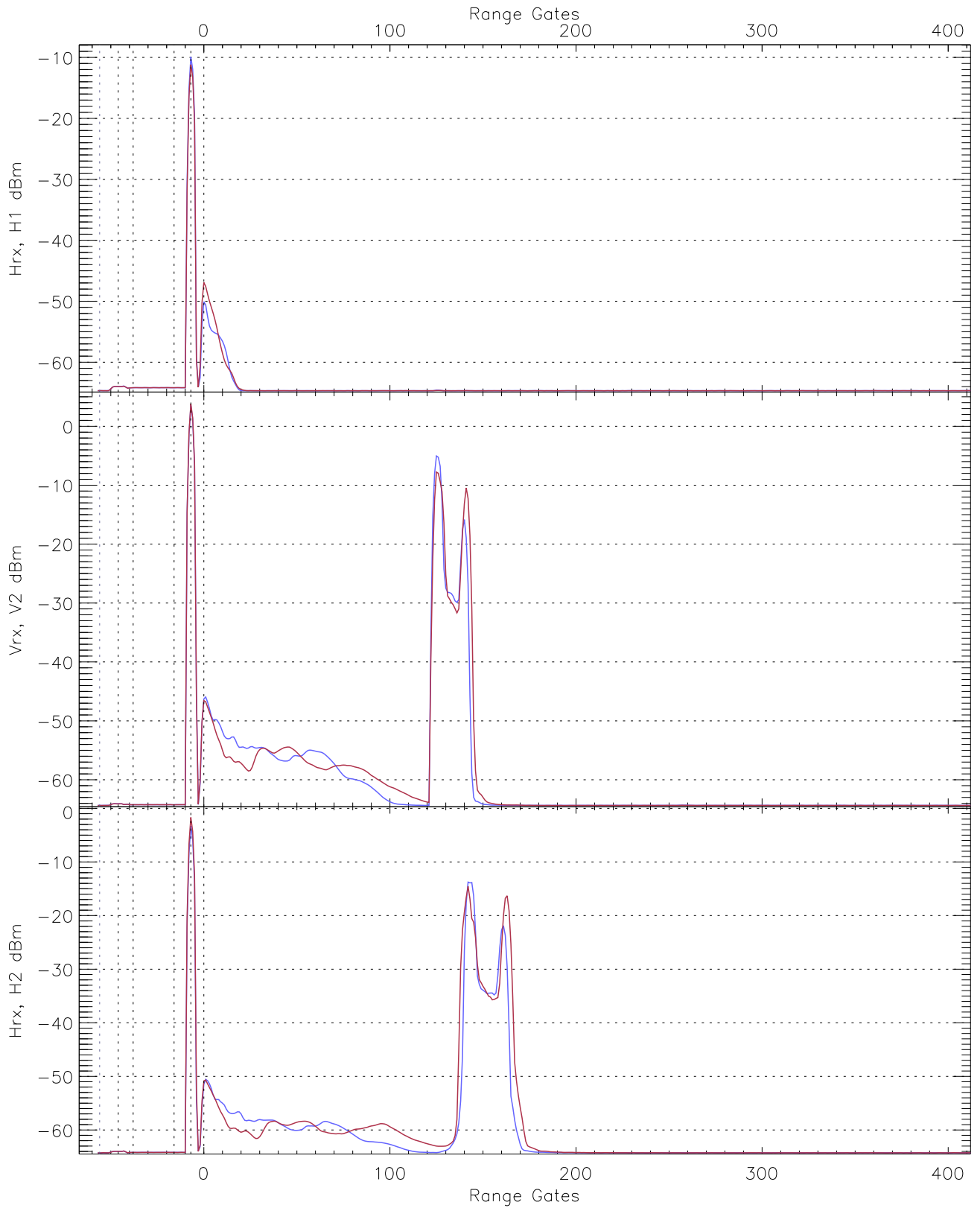
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.86	-63.57	-64.66	-64.67	-76.14
Vrx, V2 (RM [dBm])	-65.48	-63.38	-64.35	-64.36	-75.94
Hrx, H2 (RM [dBm])	-65.41	-63.17	-64.28	-64.29	-75.78



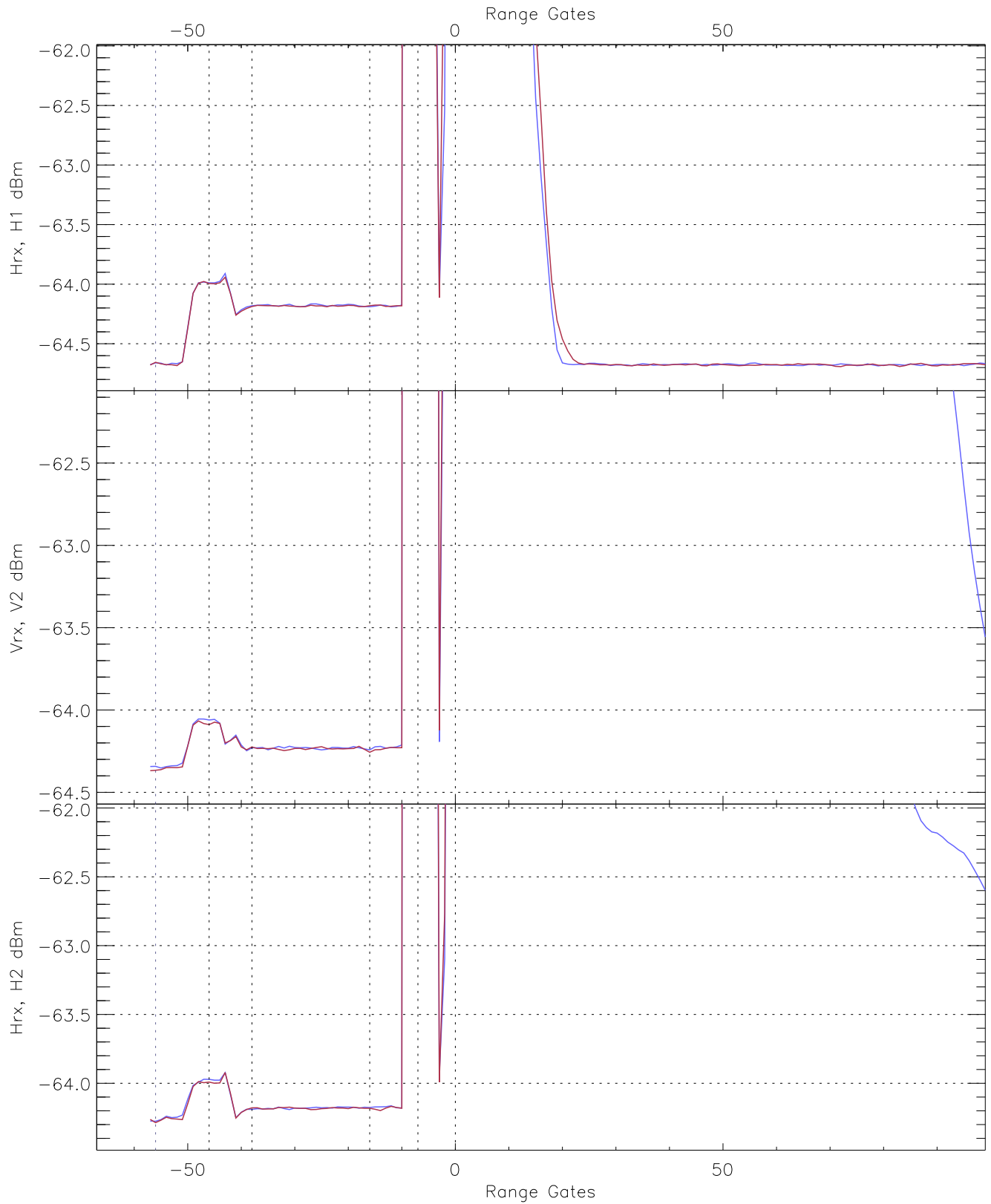
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG215_0 [dBm]	-65.98	-63.66	-64.69	-64.70	-76.14
V2RG194_0 [dBm]	-65.39	-63.29	-64.36	-64.37	-75.88
H2RG376_0 [dBm]	-65.38	-63.25	-64.28	-64.29	-75.80

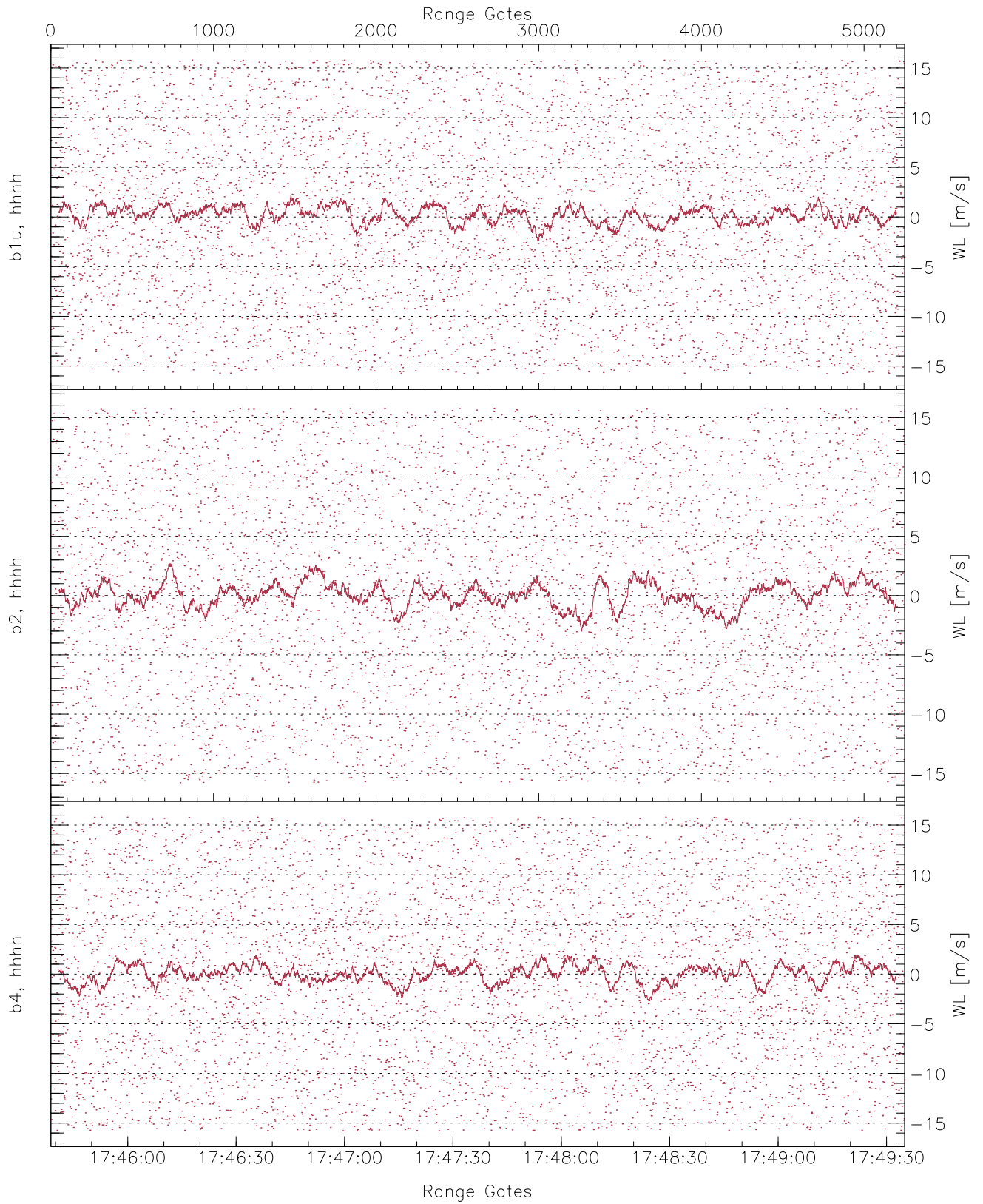




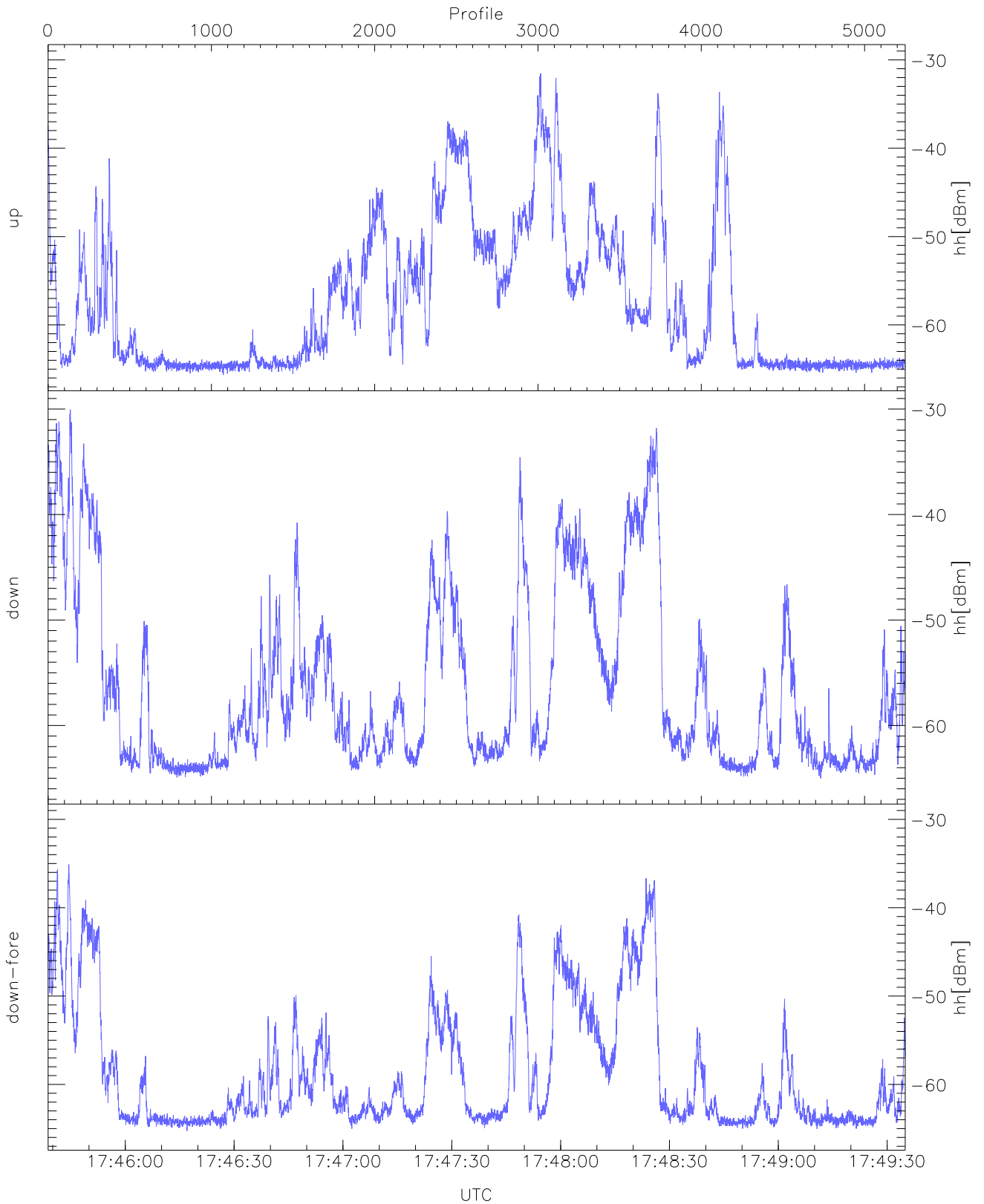
WCR3 CPP Averaged Received power for all recorded gates  
blue: 174539-174737, 2626 profiles averaged  
red: 174737-174935, 2625 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 174539-174737, 2626 profiles averaged  
red: 174737-174935, 2625 profiles averaged

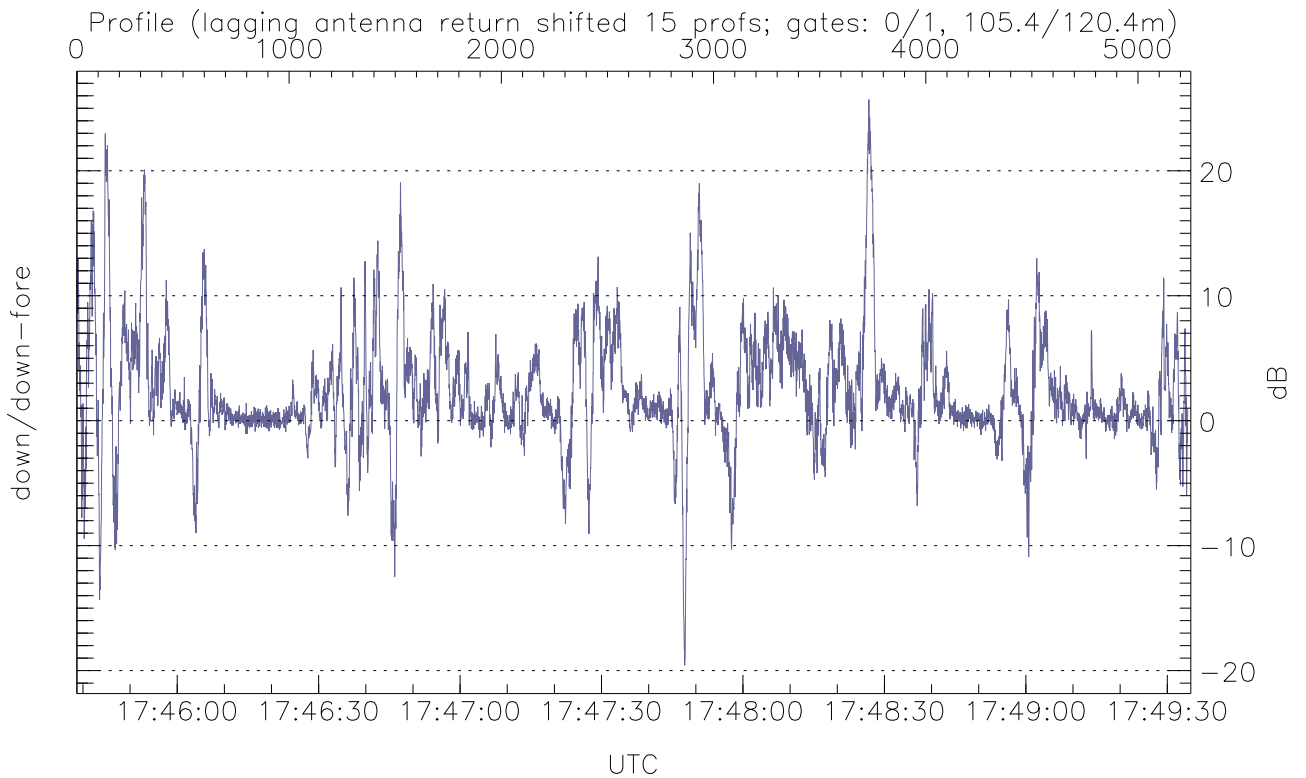
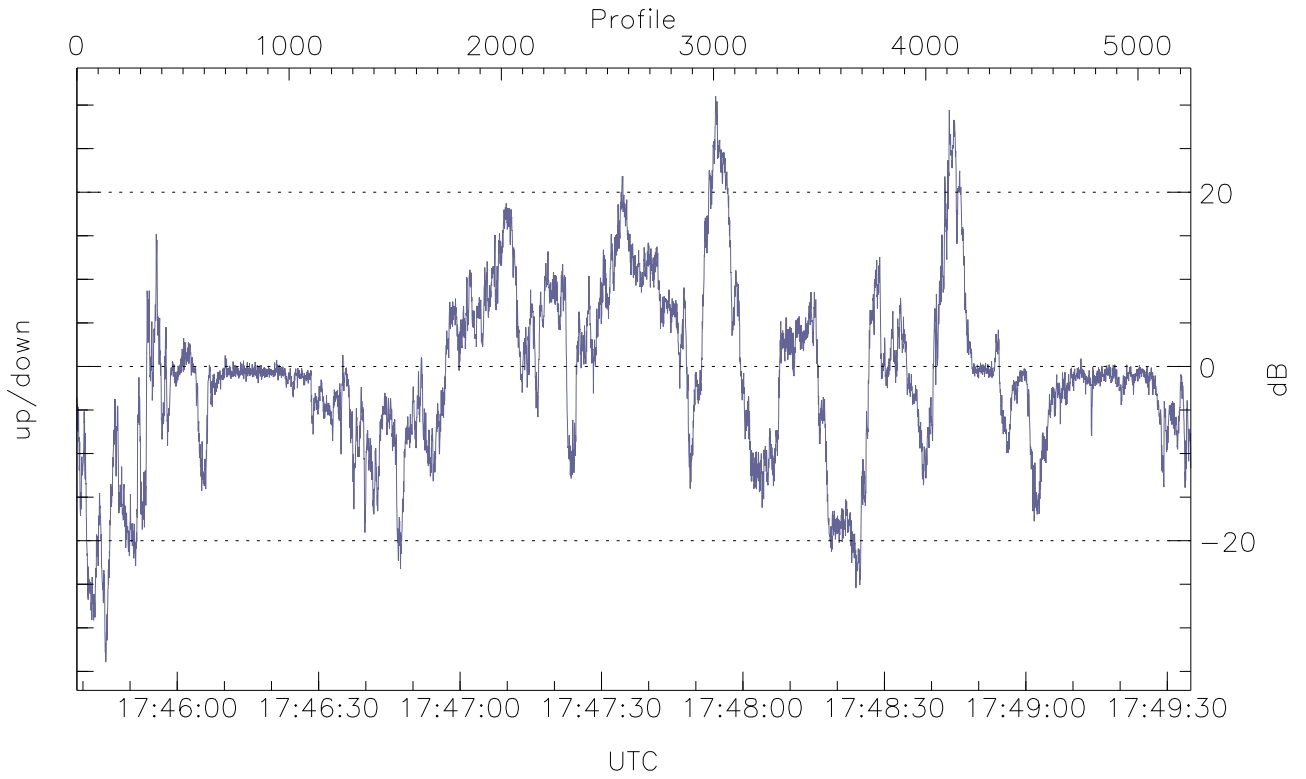


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



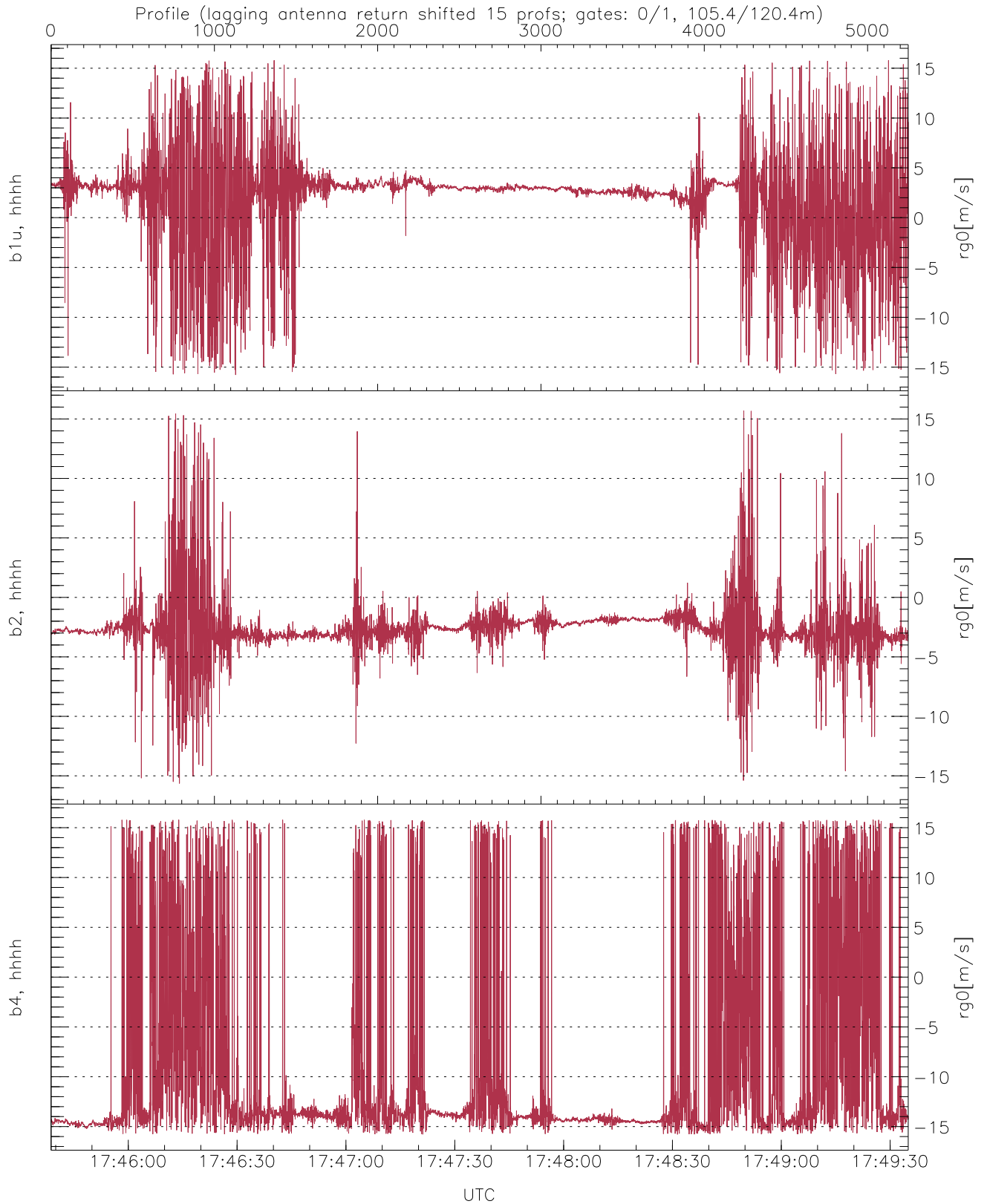
WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh [dBm])	-65.67	-31.54	-48.23
down(hh [dBm])	-65.01	-30.05	-46.42
down-fore(hh [dBm])	-65.26	-35.11	-51.15



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

	Min	Max	Mean
up/down (dB)	-33.93	31.01	-1.21
down/down-fore (dB)	-19.57	25.70	2.36



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.78	15.79	2.07	4.51
b2, hhhh(rg0[m/s])	-15.64	15.68	-2.54	2.41
b4, hhhh(rg0[m/s])	-15.79	15.79	-9.55	9.29