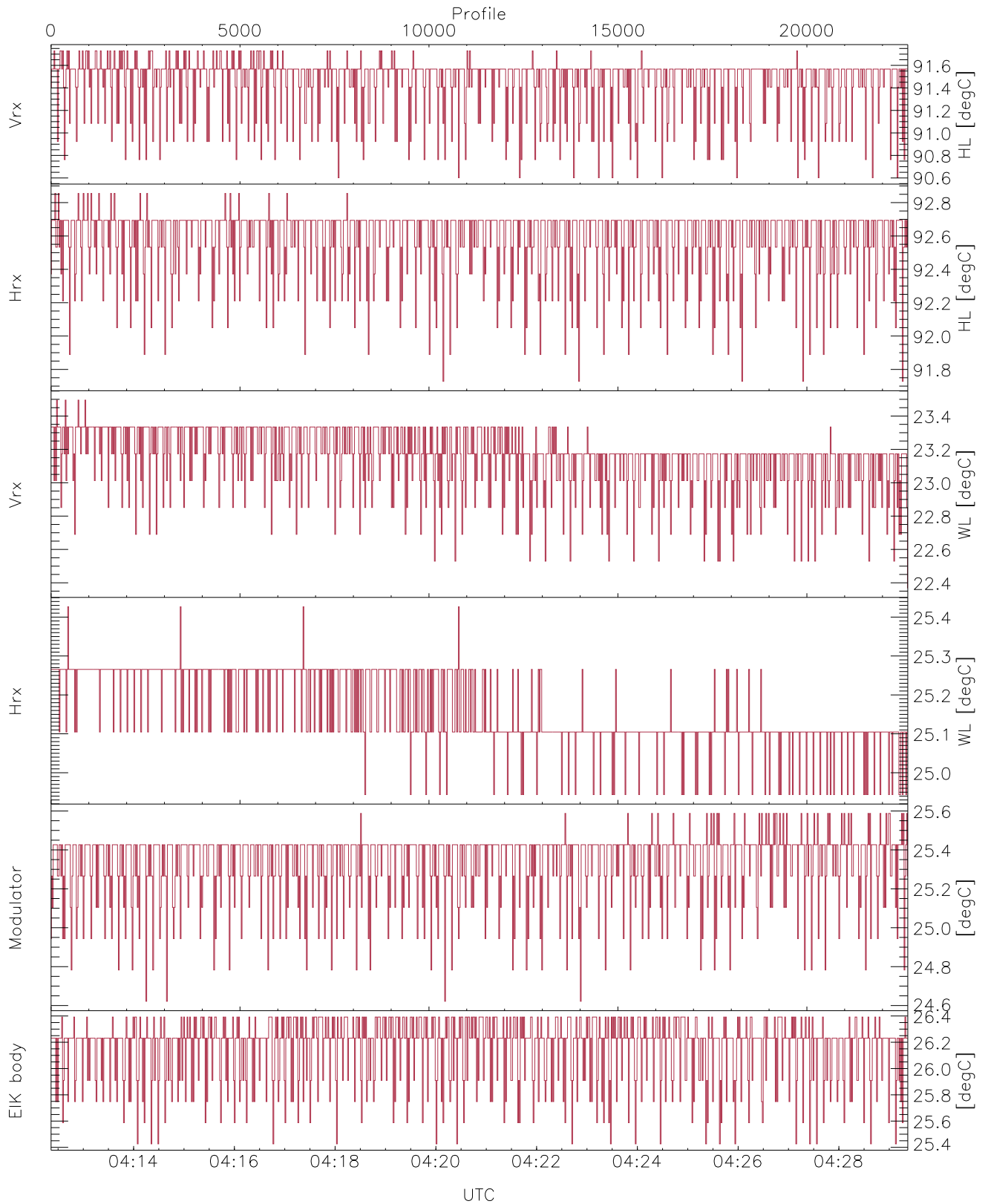


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

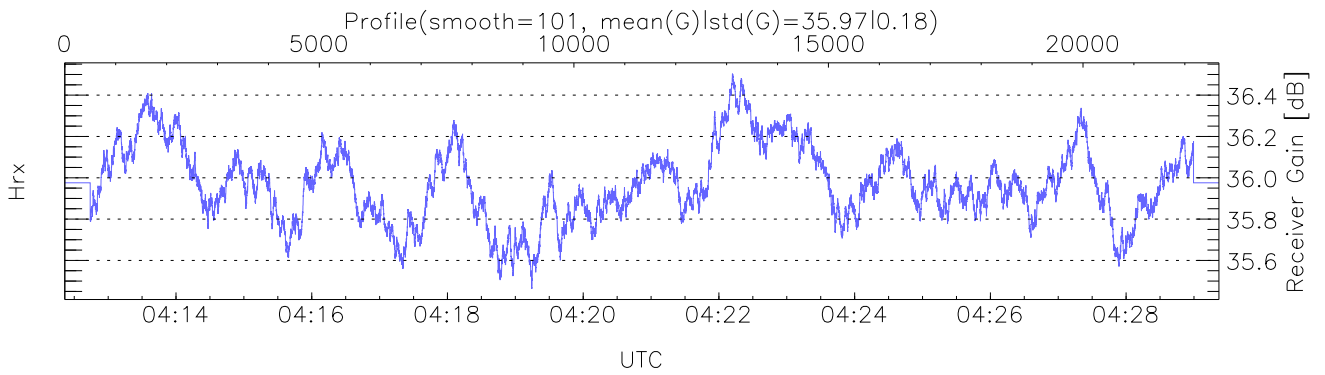
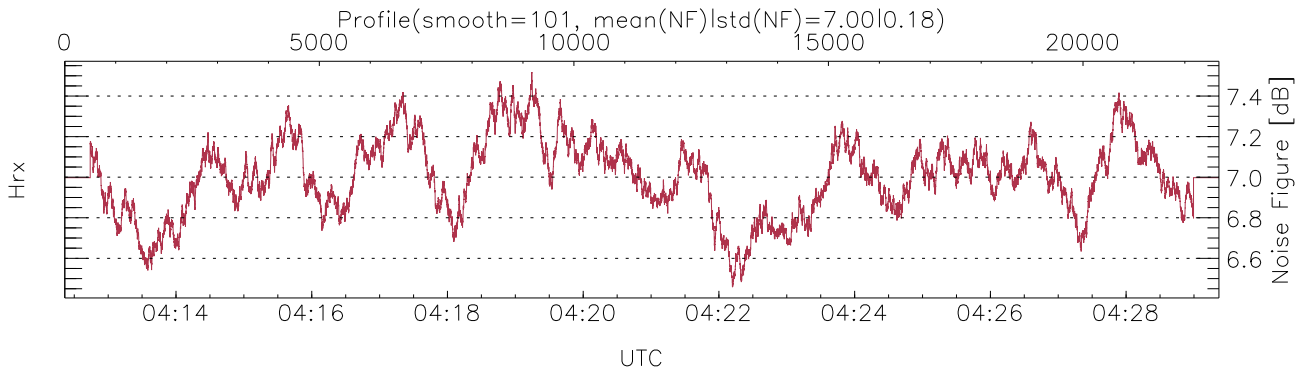
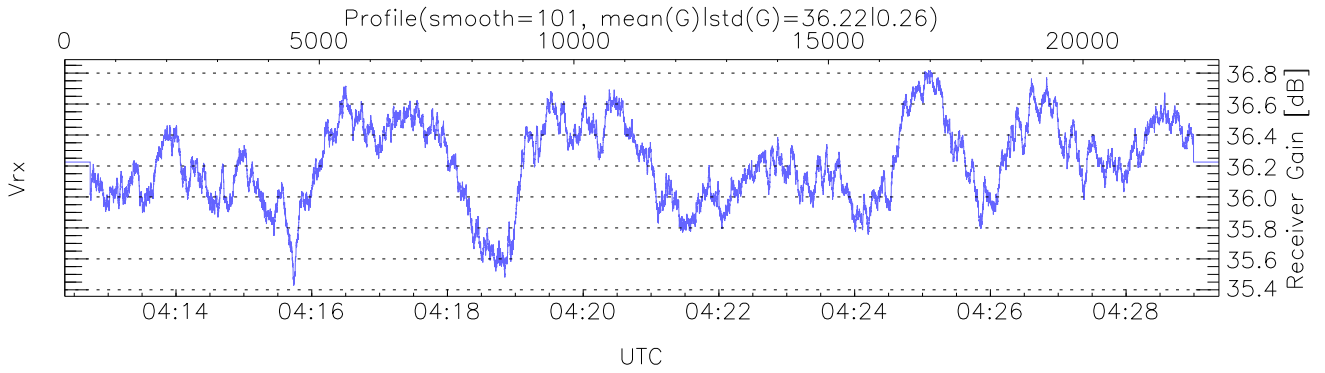
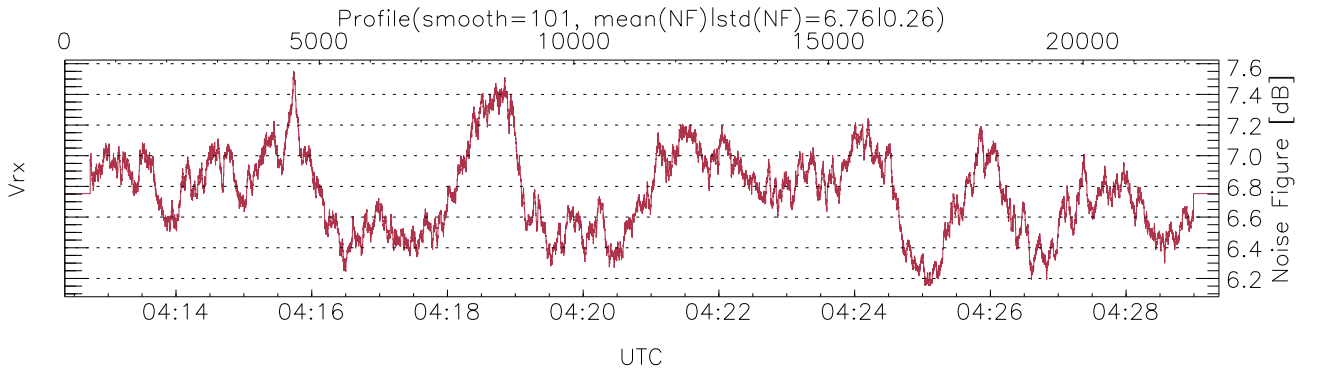
UTC: 04:12:22-04:29:22, TimeCor: 0.00s, Dur: 1020.45s  
 TimeFlg: 1, TFPstatus constant.  
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2  
 NumRec(r/t): 22672/22672, 0-22671/04:12:22-04:29:22  
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100  
 Pulse: 250ns, 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

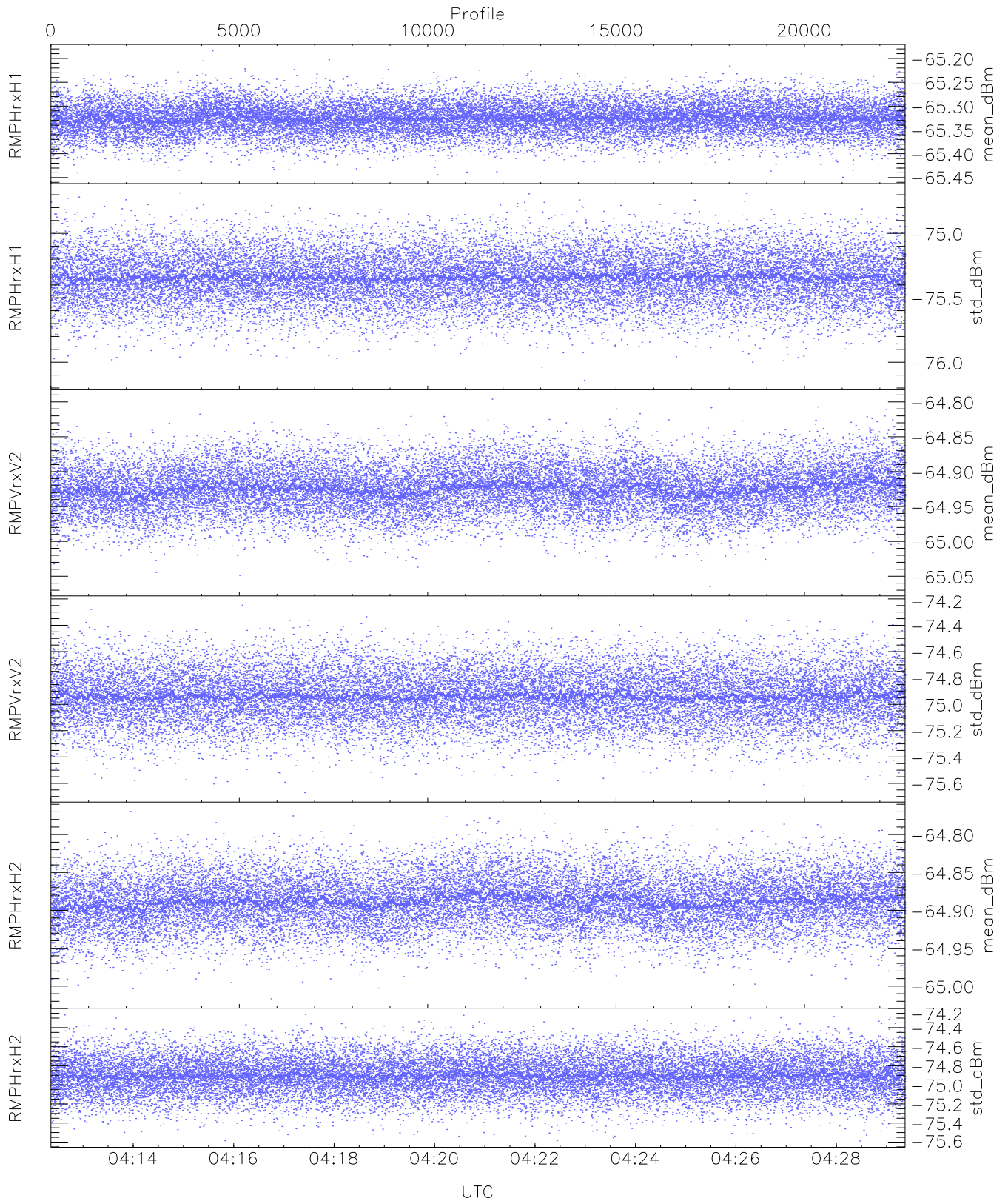
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,24,25`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,25,26`  
`LOalarm(20,240,2817,14861 MHz): None`

`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (44,44,44,44,44,44)`



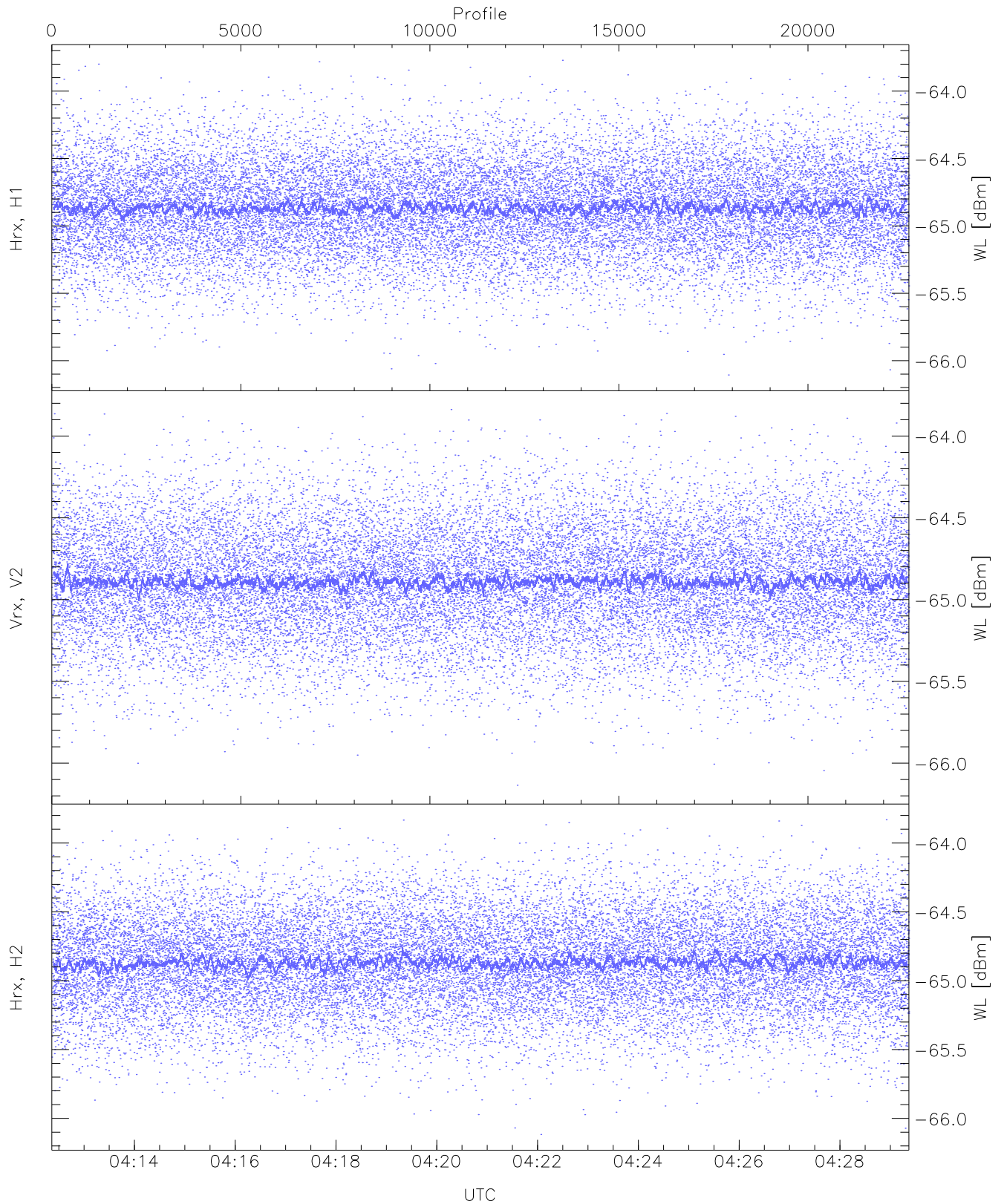
### WCR3 CPP Receivers Gain and Noise Figure

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



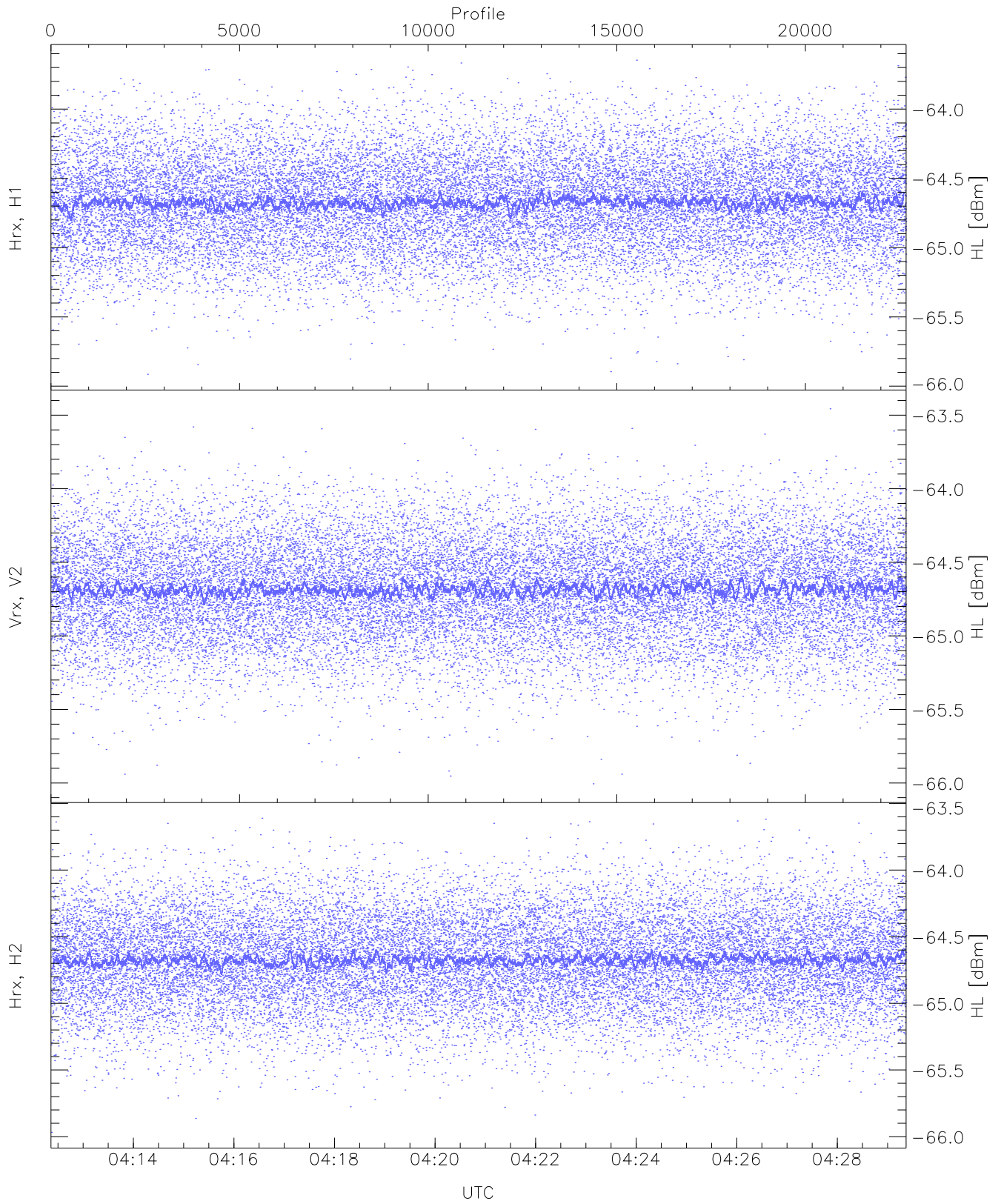
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.45	-65.18	-65.33	-65.33	-86.89
RMPHrxH1 (std_dBm)	-76.14	-74.69	-75.34	-75.34	-89.12
RMPVrxV2 (mean_dBm)	-65.06	-64.80	-64.92	-64.93	-86.42
RMPVrxV2 (std_dBm)	-75.67	-74.25	-74.94	-74.94	-88.74
RMPHrxH2 (mean_dBm)	-65.02	-64.77	-64.89	-64.89	-86.39
RMPHrxH2 (std_dBm)	-75.59	-74.26	-74.90	-74.91	-88.69



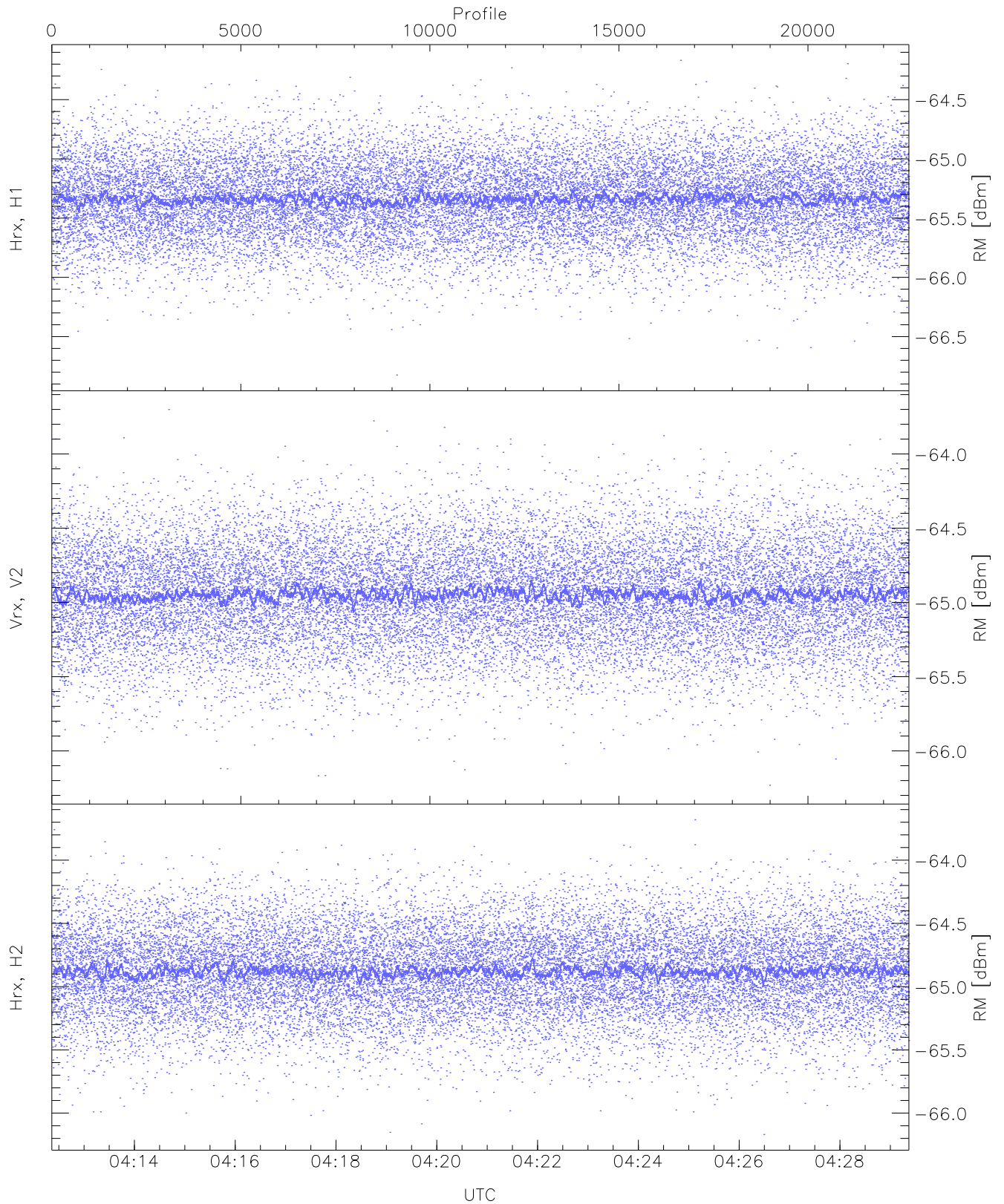
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.11	-63.77	-64.86	-64.87	-76.37
Vrx, V2 (WL [dBm])	-66.14	-63.84	-64.88	-64.89	-76.39
Hrx, H2 (WL [dBm])	-66.12	-63.83	-64.86	-64.87	-76.37



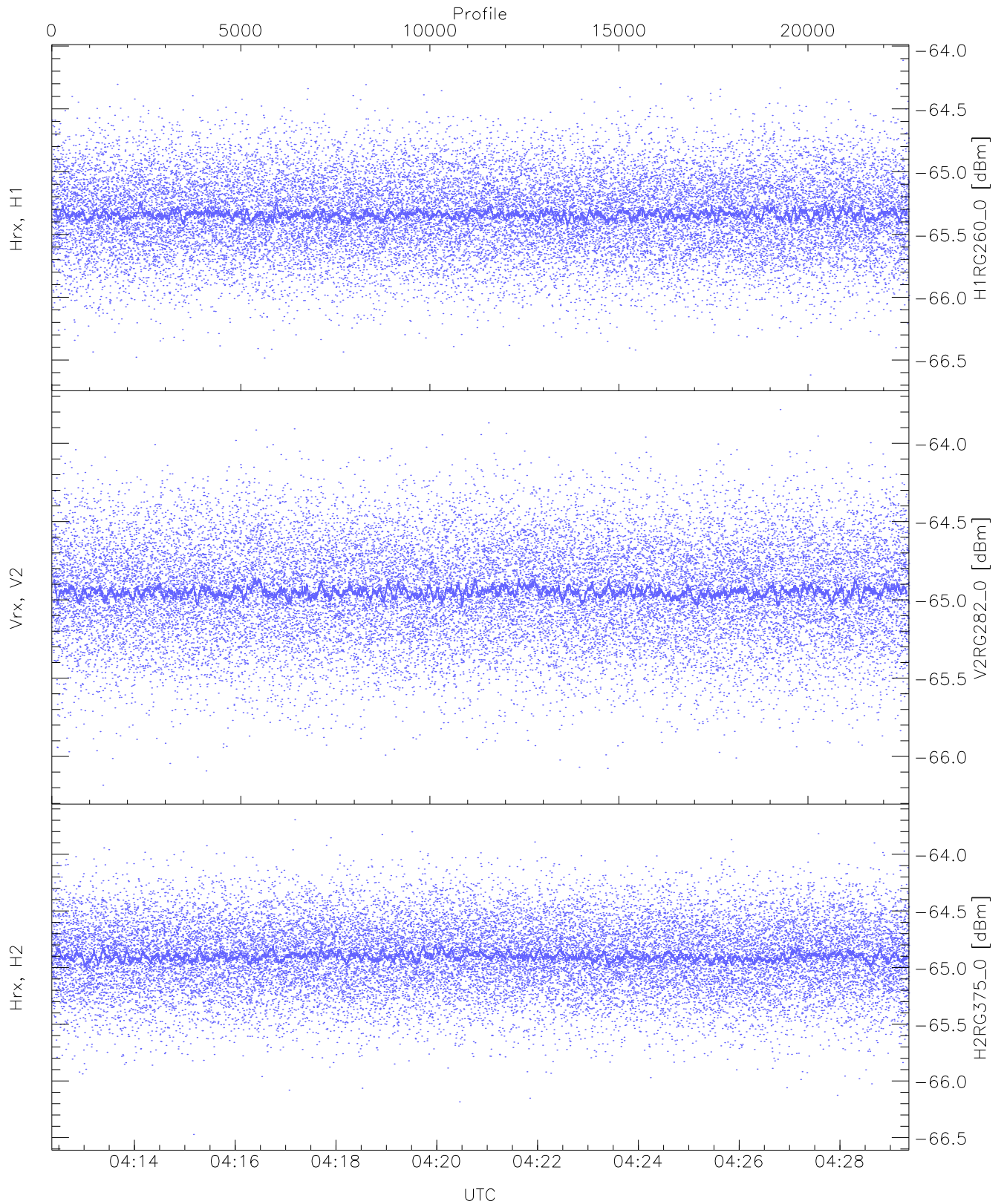
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.91	-63.65	-64.67	-64.67	-76.18
Vrx, V2 (HL [dBm])	-66.01	-63.46	-64.68	-64.68	-76.17
Hrx, H2 (HL [dBm])	-65.97	-63.61	-64.67	-64.68	-76.17



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

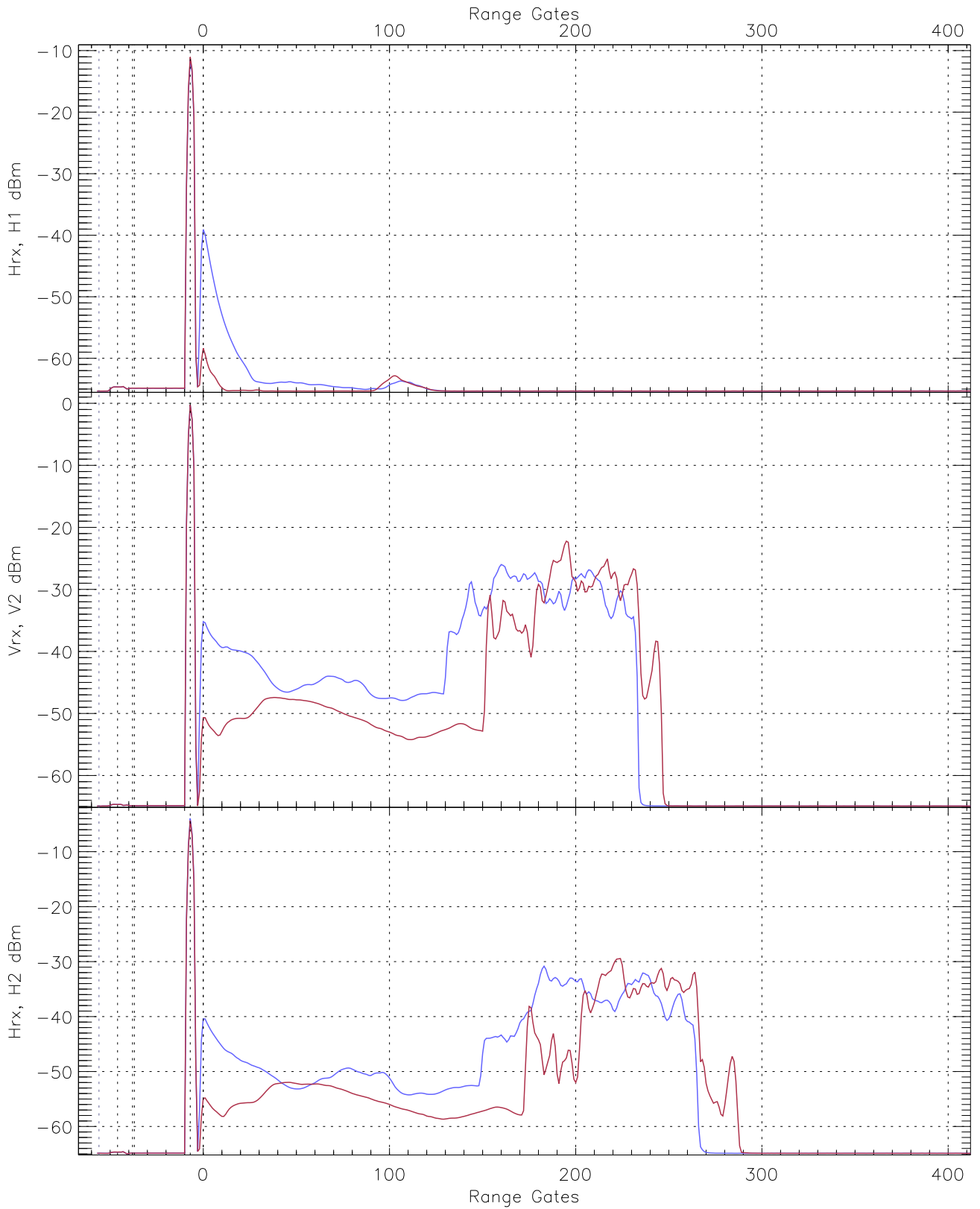
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.82	-64.17	-65.33	-65.34	-76.85
Vrx, V2 (RM [dBm])	-66.23	-63.70	-64.94	-64.95	-76.44
Hrx, H2 (RM [dBm])	-66.17	-63.68	-64.87	-64.88	-76.36



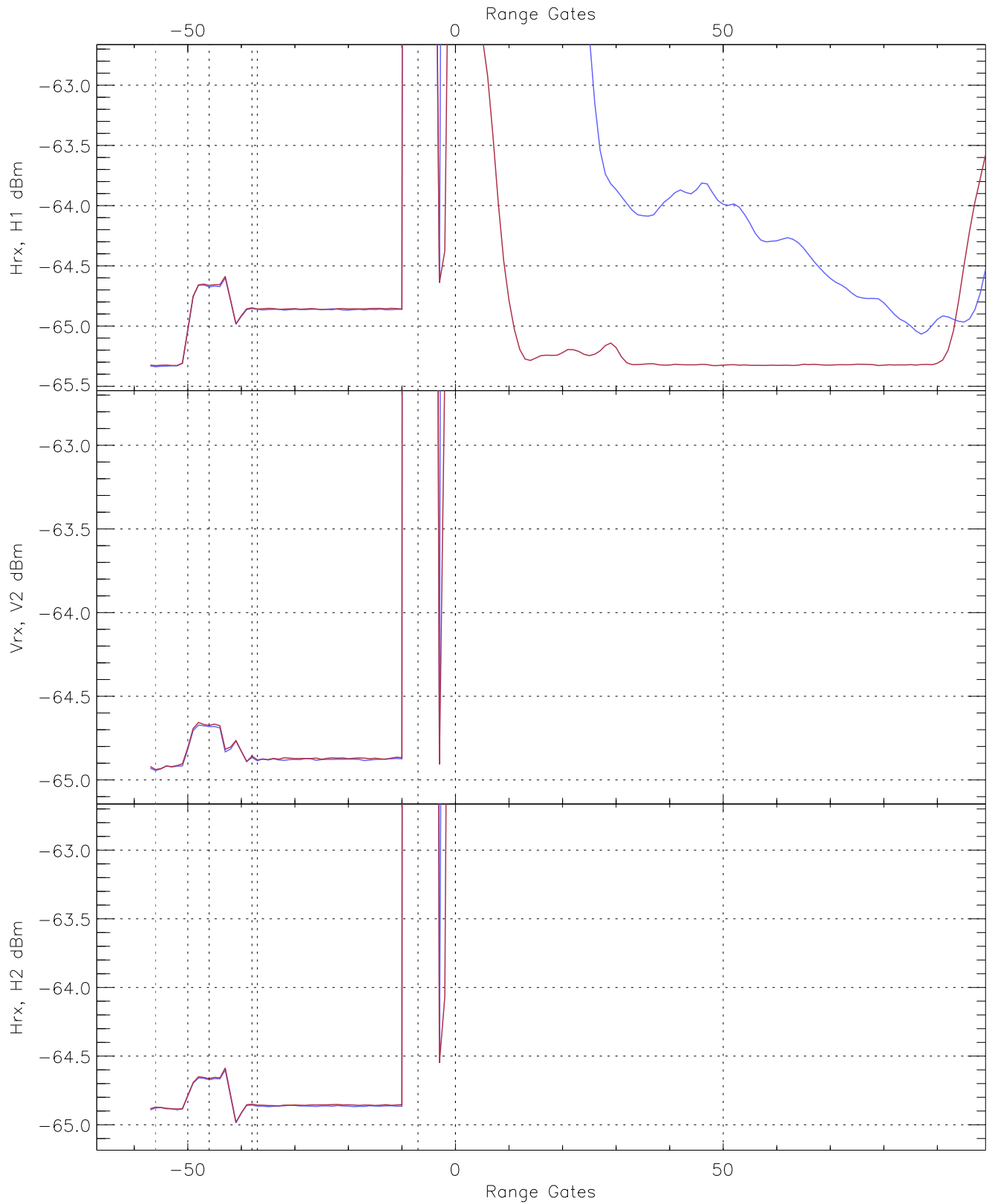
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG260_0 [dBm]	-66.62	-64.11	-65.33	-65.34	-76.85
V2RG282_0 [dBm]	-66.18	-63.78	-64.94	-64.95	-76.46
H2RG375_0 [dBm]	-66.47	-63.70	-64.89	-64.90	-76.40

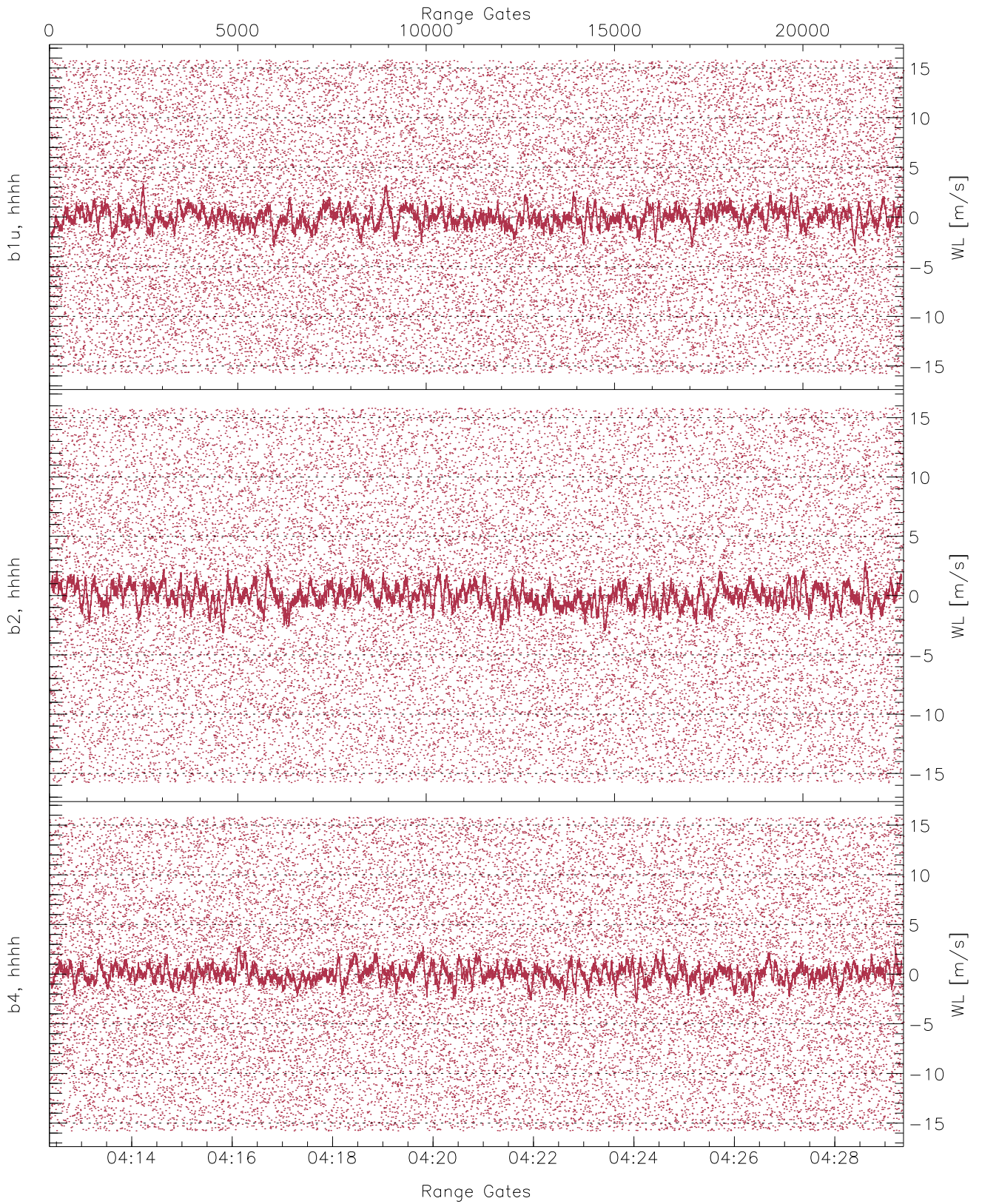




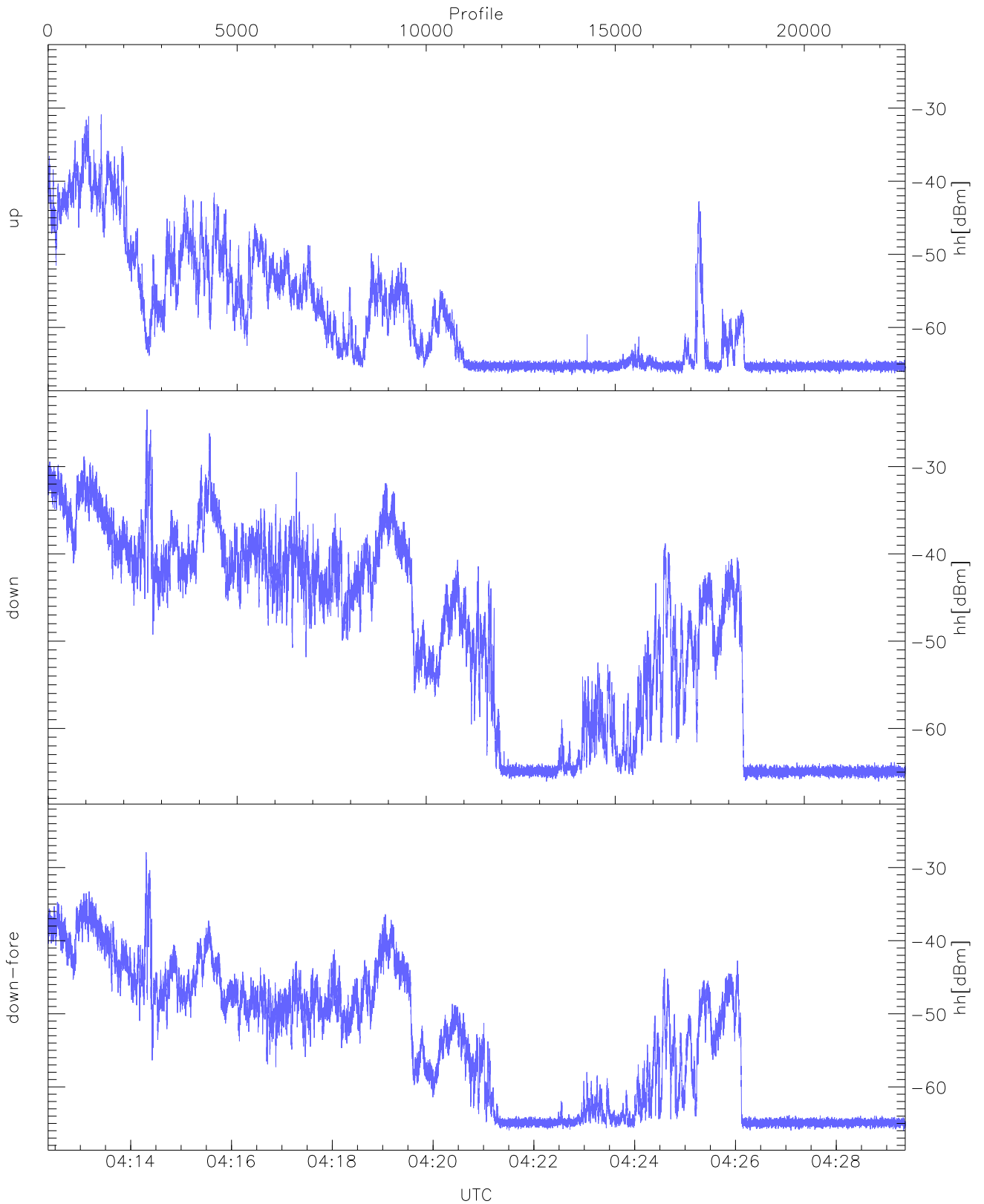
WCR3 CPP Averaged Received power for all recorded gates  
blue: 041222-042052, 11337 profiles averaged  
red: 042052-042922, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 041222-042052, 11337 profiles averaged  
red: 042052-042922, 11336 profiles averaged

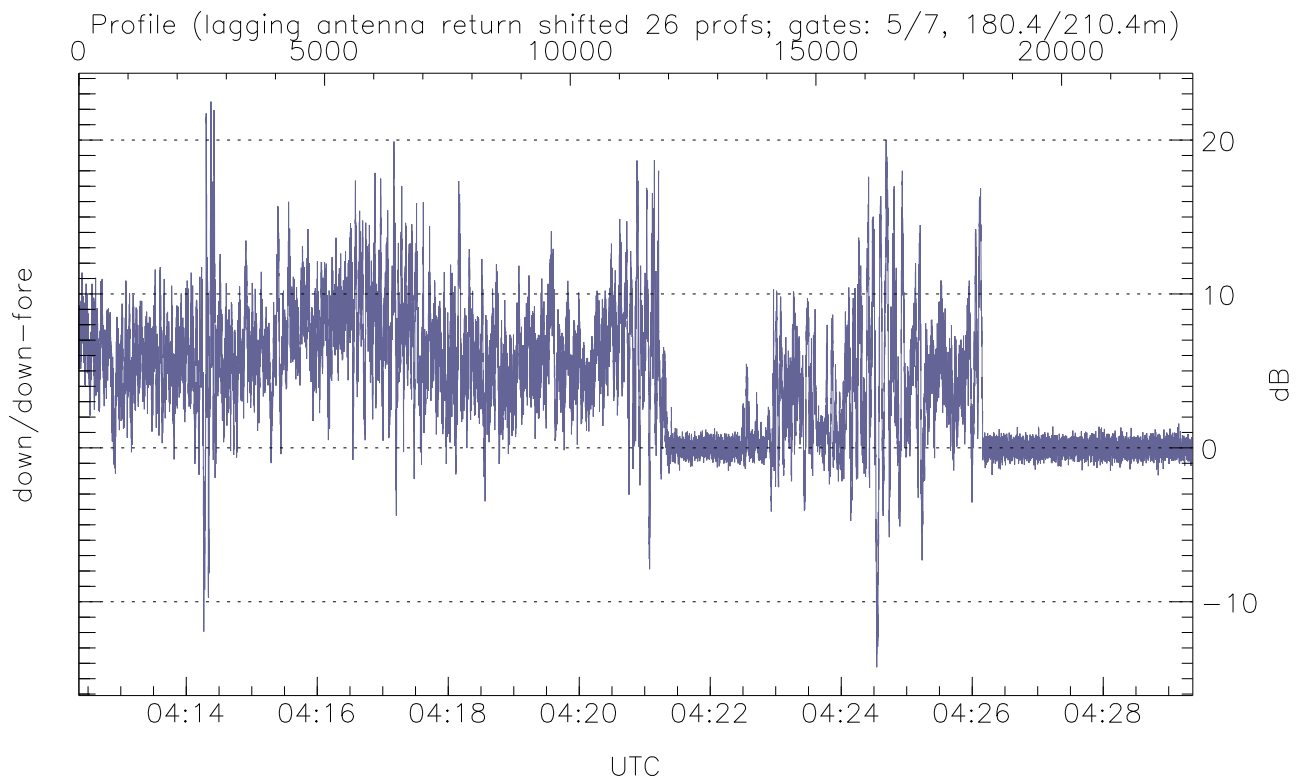
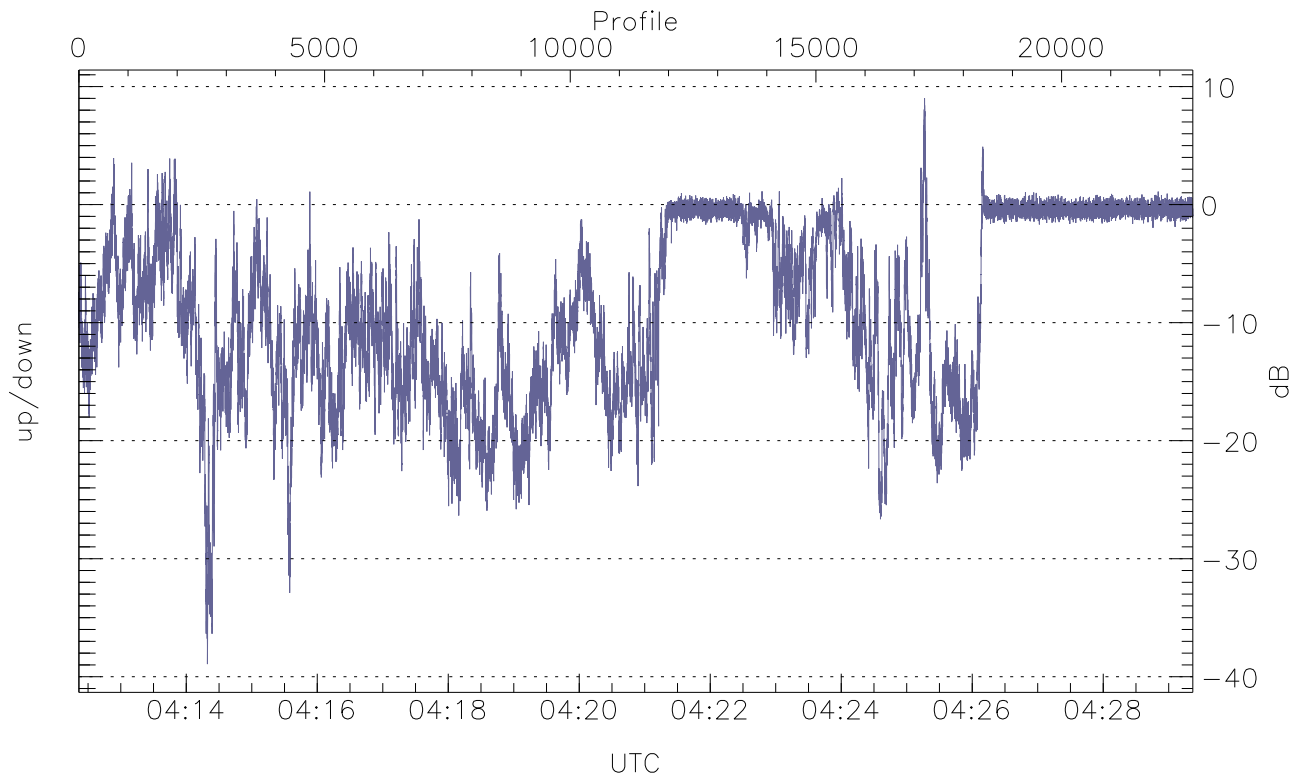


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



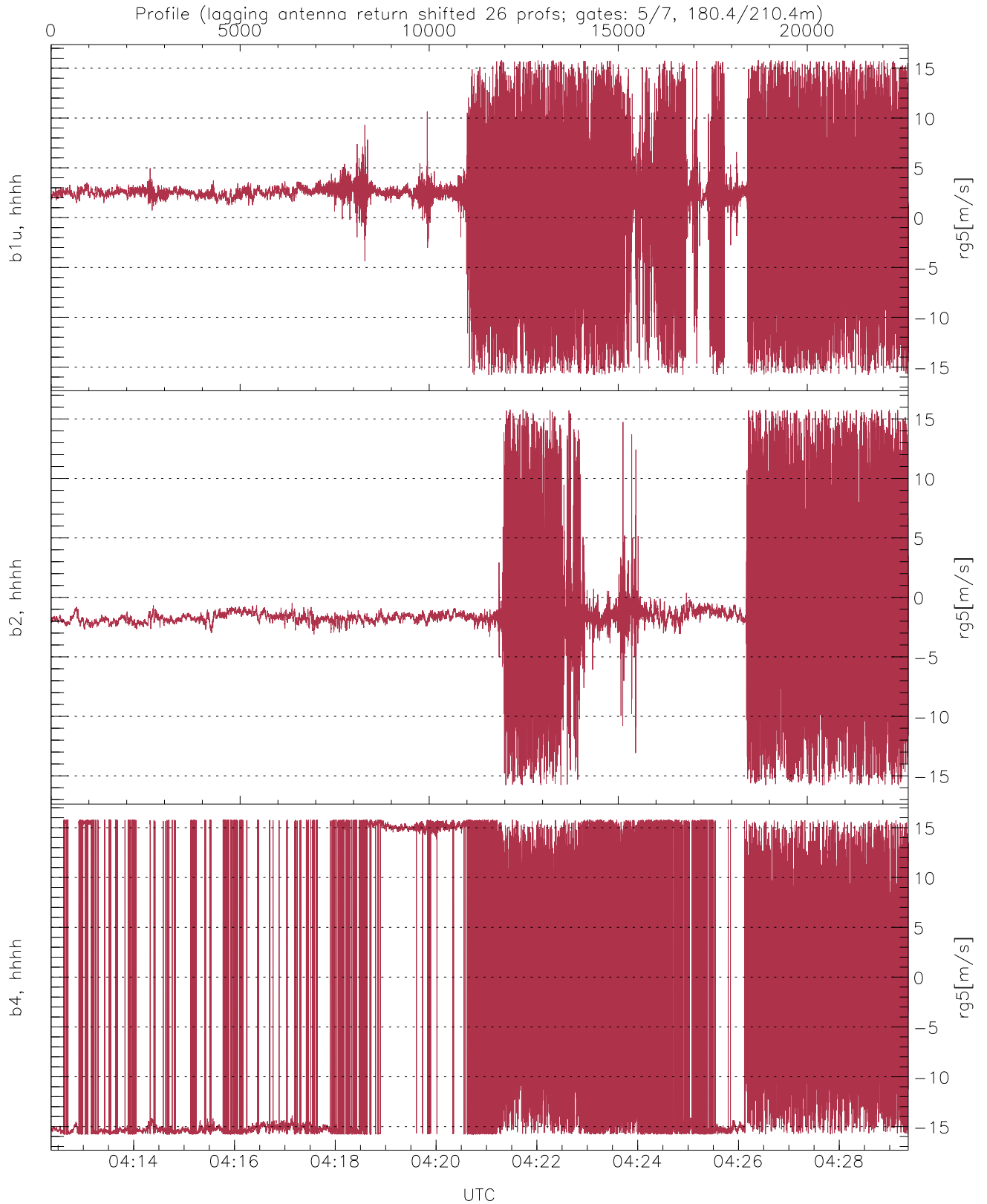
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.51	-30.88	-49.37
down(hh[dBm])	-66.08	-23.46	-40.61
down-fore(hh[dBm])	-65.99	-27.91	-45.83



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

	Min	Max	Mean
up/down (dB)	-38.93	9.01	-8.65
down/down-fore (dB)	-14.26	22.50	4.19



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.48	5.72
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.18	4.39
b4, hhhh(rg5[m/s])	-15.79	15.79	-2.86	13.37