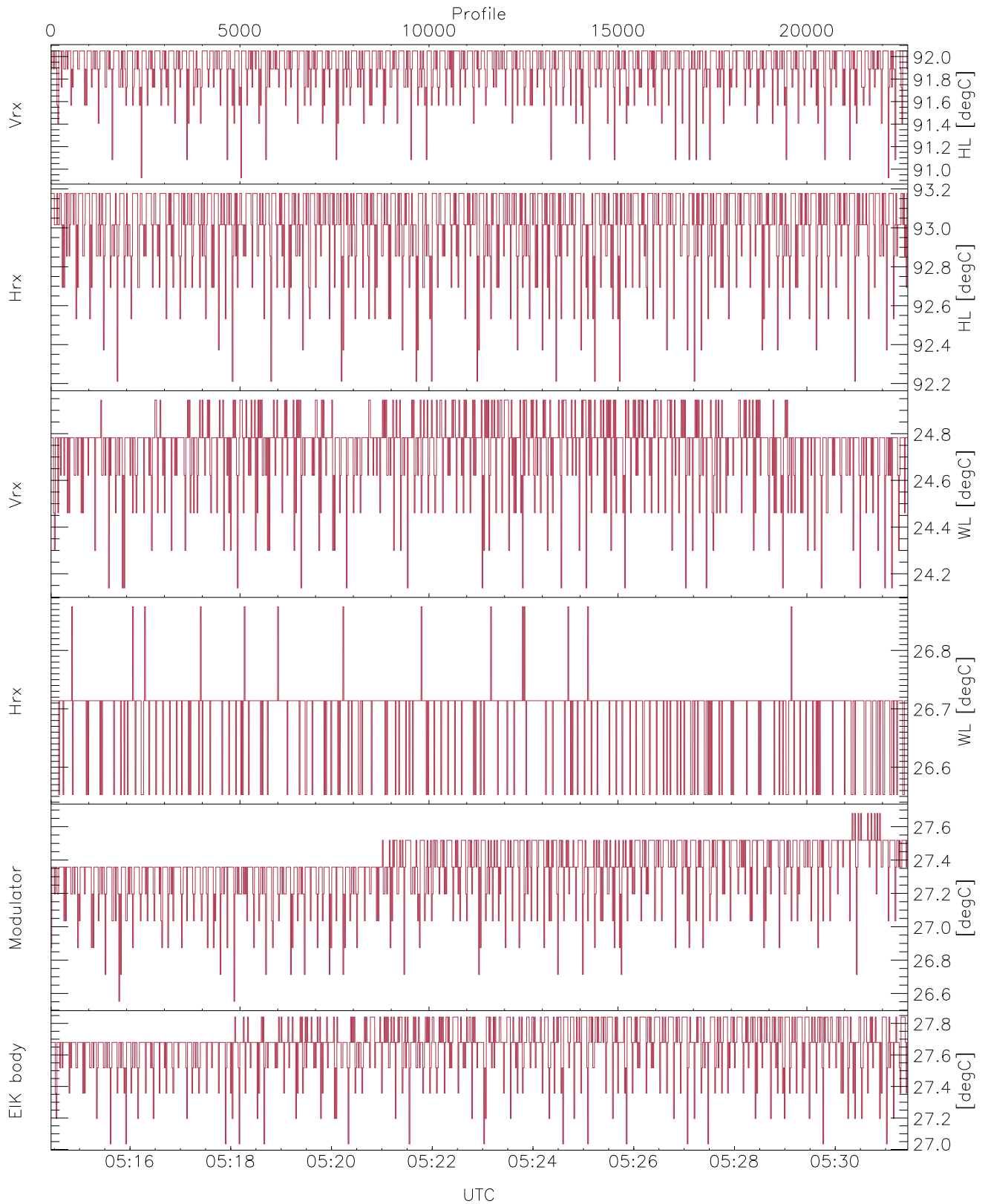


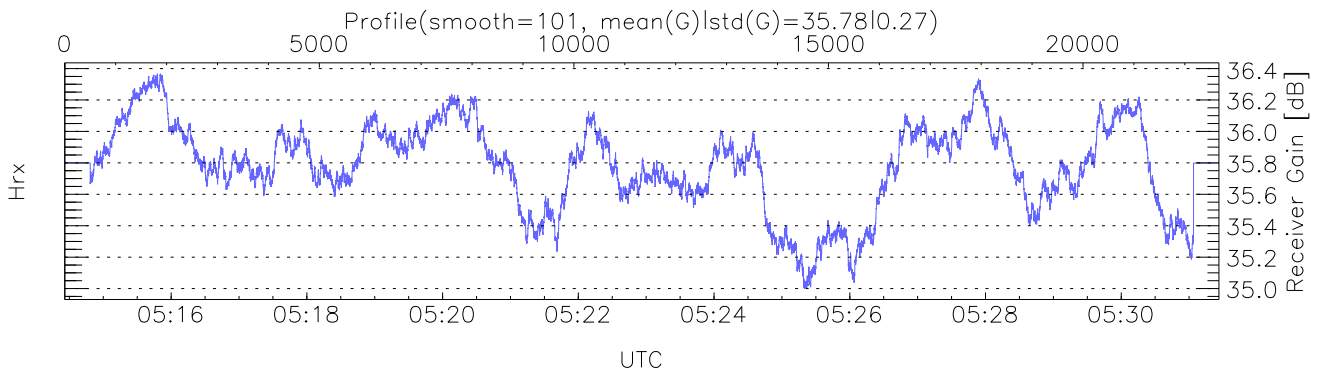
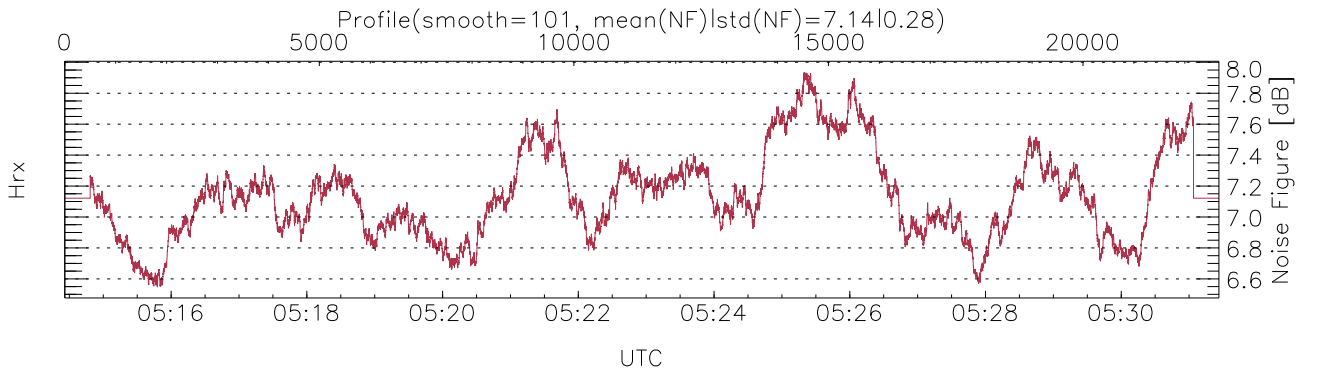
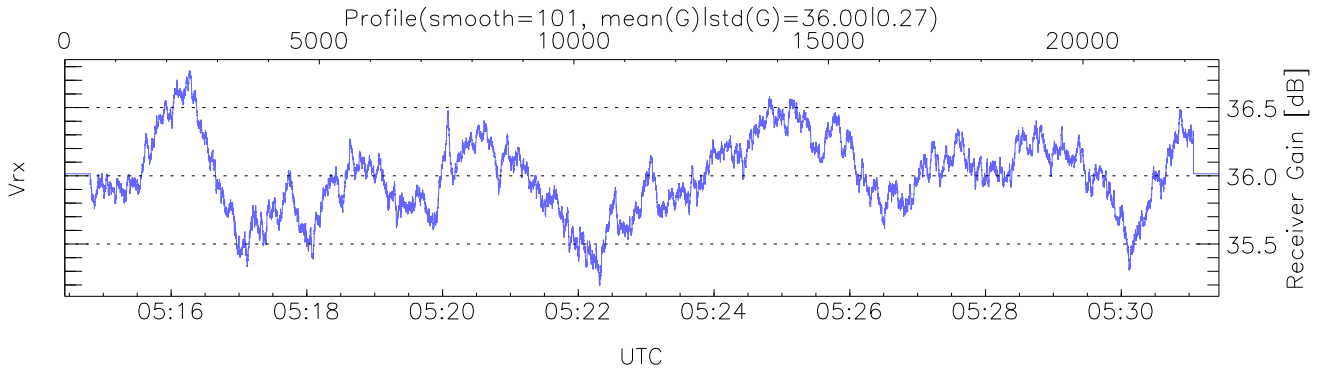
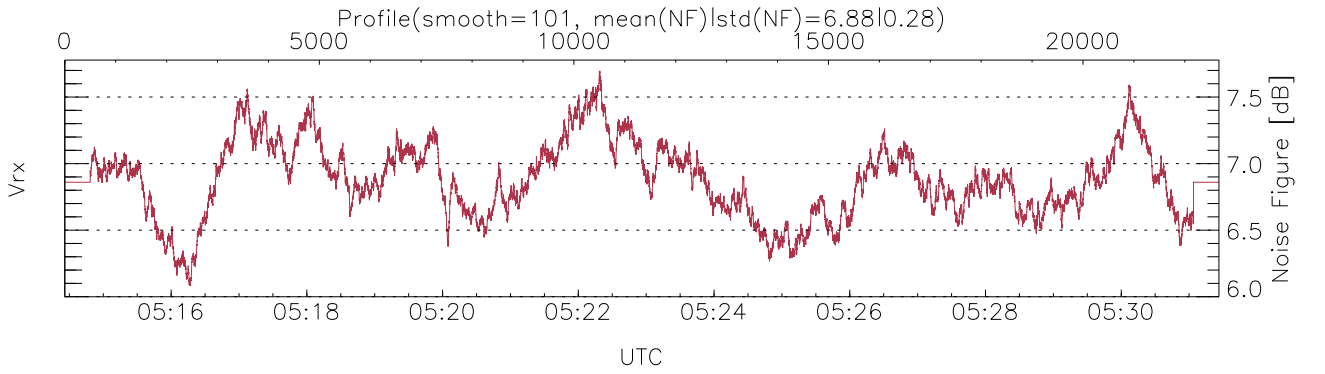
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 05:14:26-05:31:26, 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, 0-22671/05:14:26-05:31:26  
 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



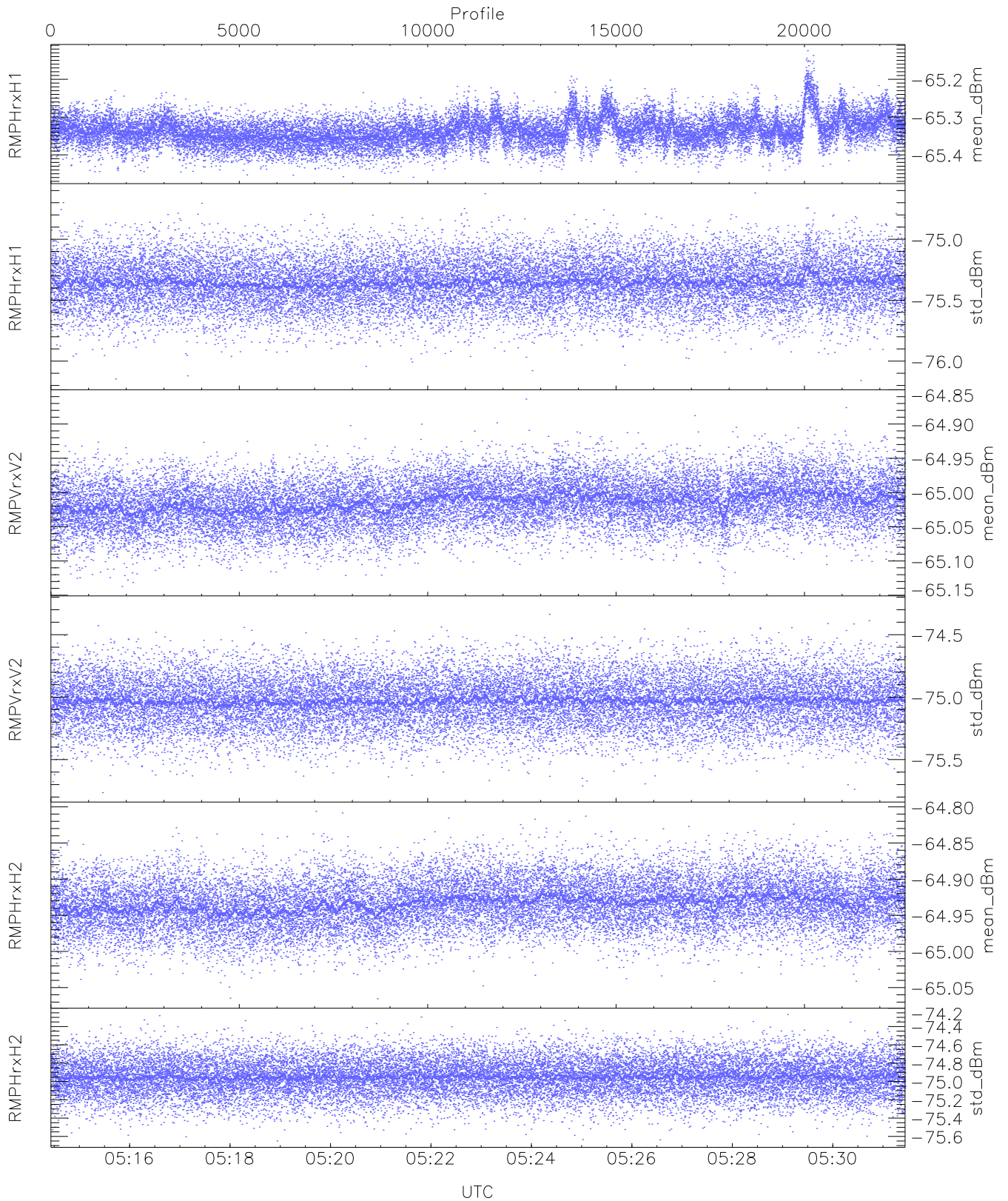
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,26,26,27`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,27,27`  
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`  
`EIK/Modulator Faults: None`



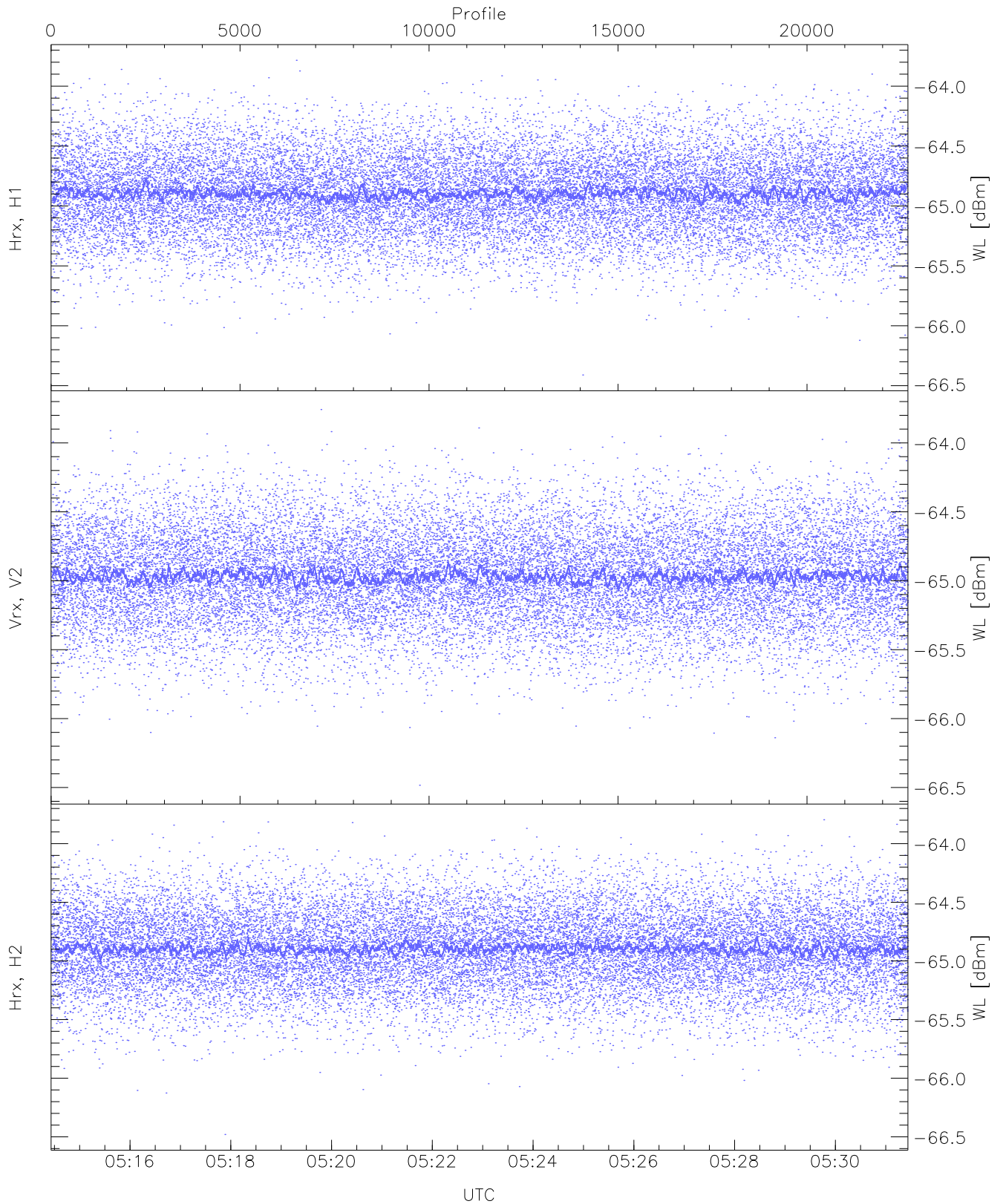
### WCR3 CPP Receivers Gain and Noise Figure

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



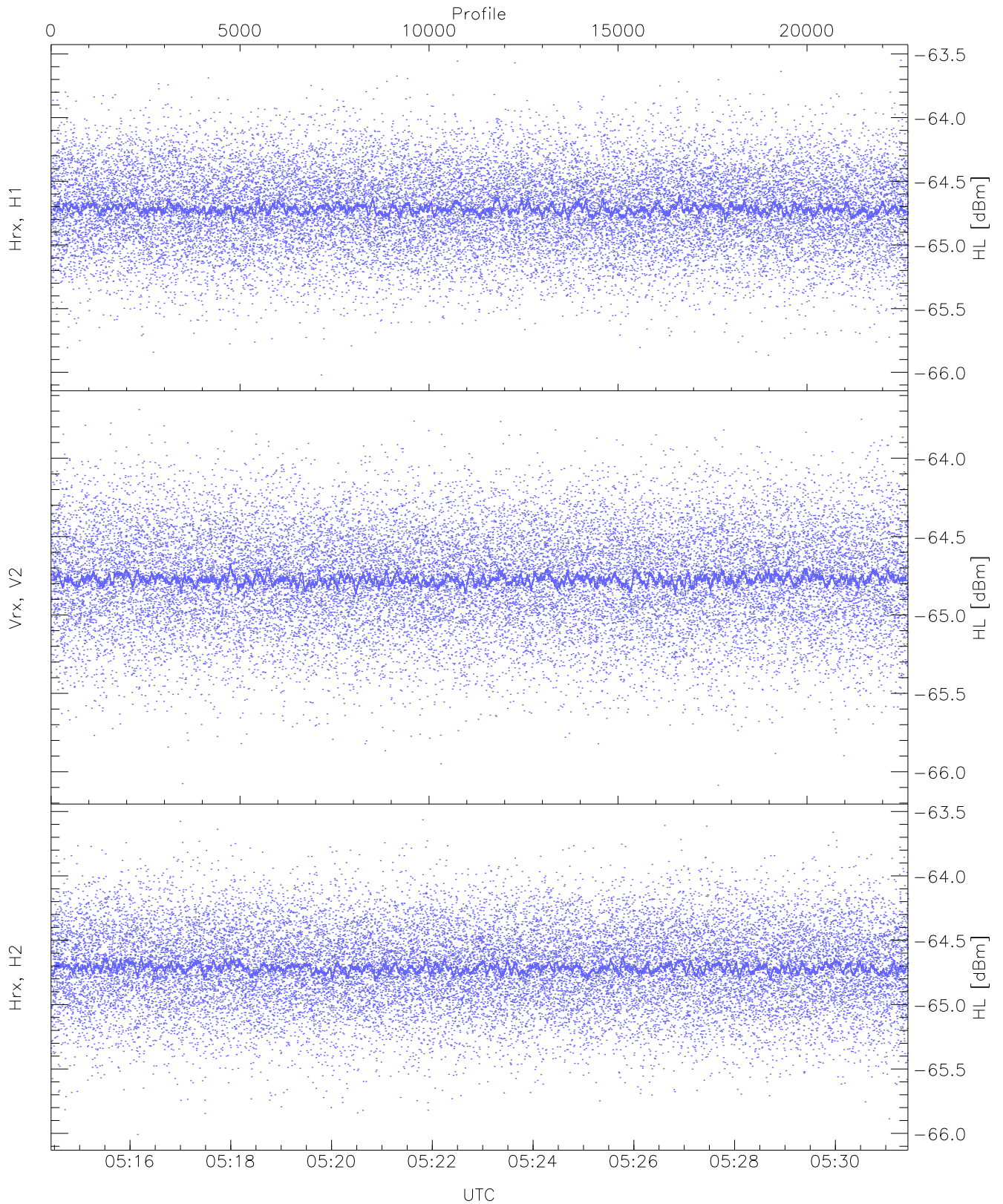
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.46	-65.12	-65.34	-65.34	-85.99
RMPHrxH1 (std_dBm)	-76.16	-74.62	-75.35	-75.36	-89.16
RMPVrxV2 (mean_dBm)	-65.14	-64.86	-65.01	-65.01	-86.40
RMPVrxV2 (std_dBm)	-75.76	-74.26	-75.03	-75.03	-88.83
RMPHrxH2 (mean_dBm)	-65.07	-64.81	-64.93	-64.93	-86.37
RMPHrxH2 (std_dBm)	-75.65	-74.27	-74.95	-74.95	-88.74



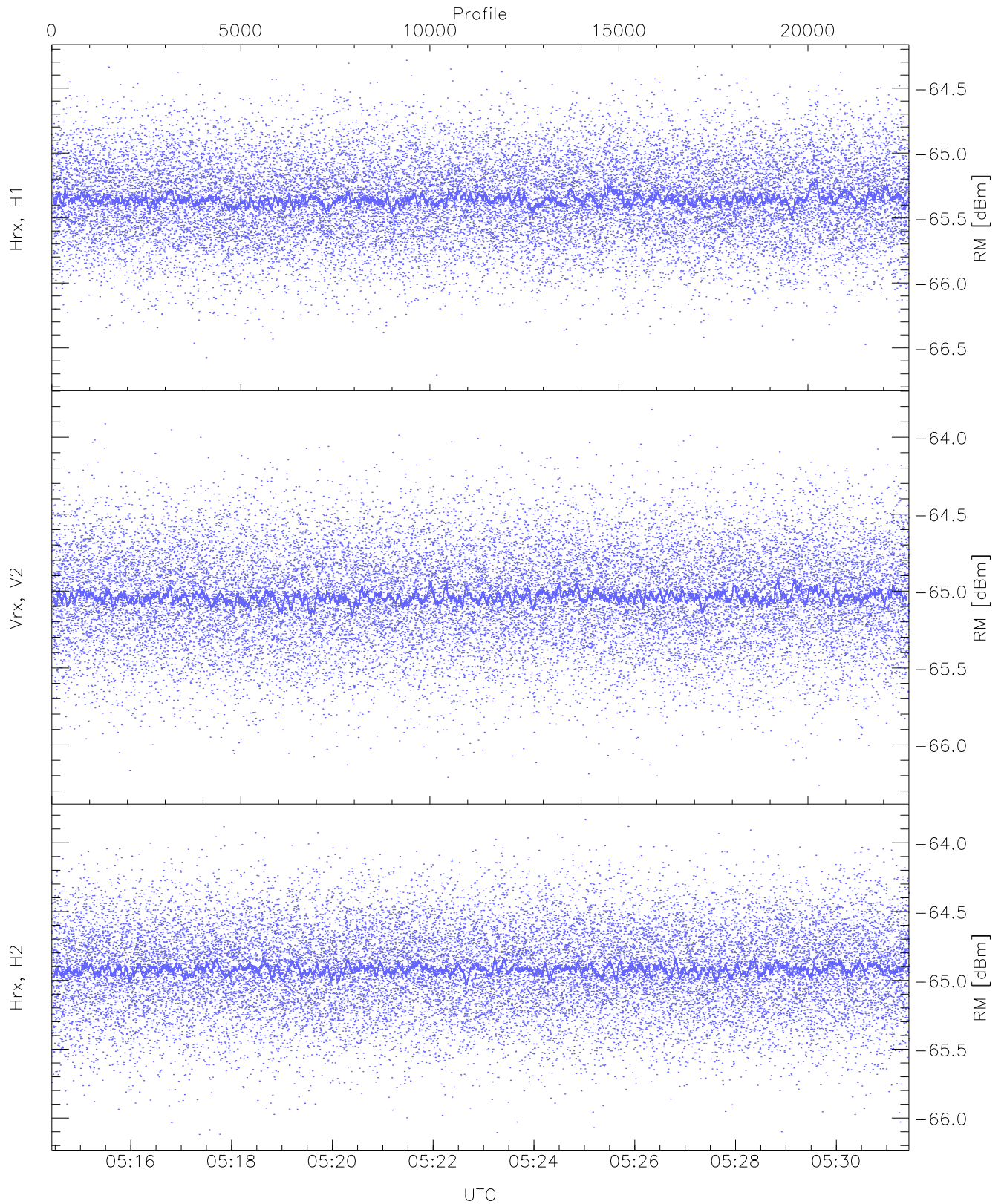
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.41	-63.78	-64.89	-64.90	-76.42
Vrx, V2 (WL [dBm])	-66.48	-63.76	-64.96	-64.97	-76.44
Hrx, H2 (WL [dBm])	-66.48	-63.80	-64.89	-64.90	-76.42



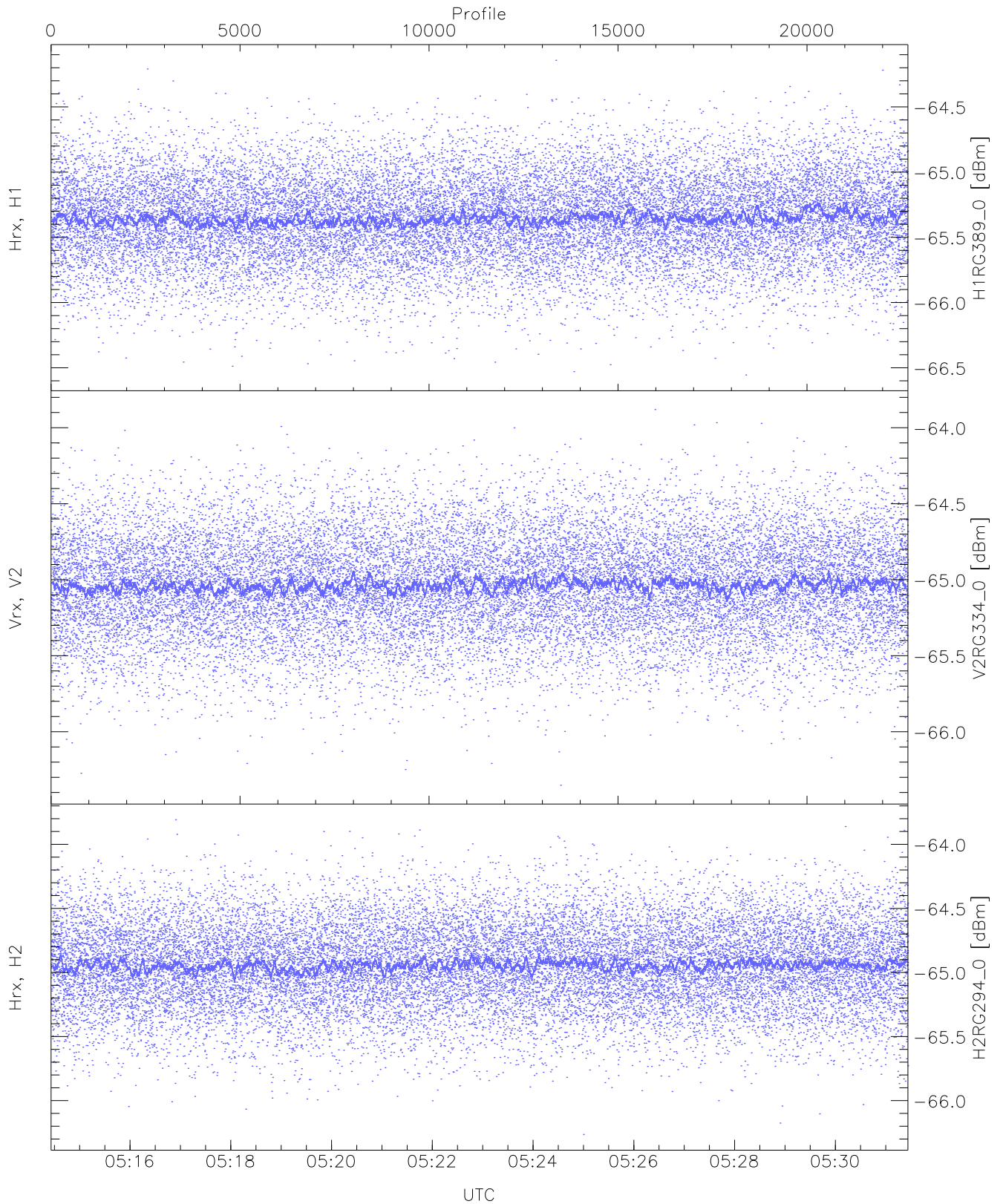
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.02	-63.55	-64.71	-64.72	-76.21
Vrx, V2 (HL [dBm])	-66.09	-63.69	-64.76	-64.77	-76.29
Hrx, H2 (HL [dBm])	-66.01	-63.56	-64.71	-64.72	-76.19



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

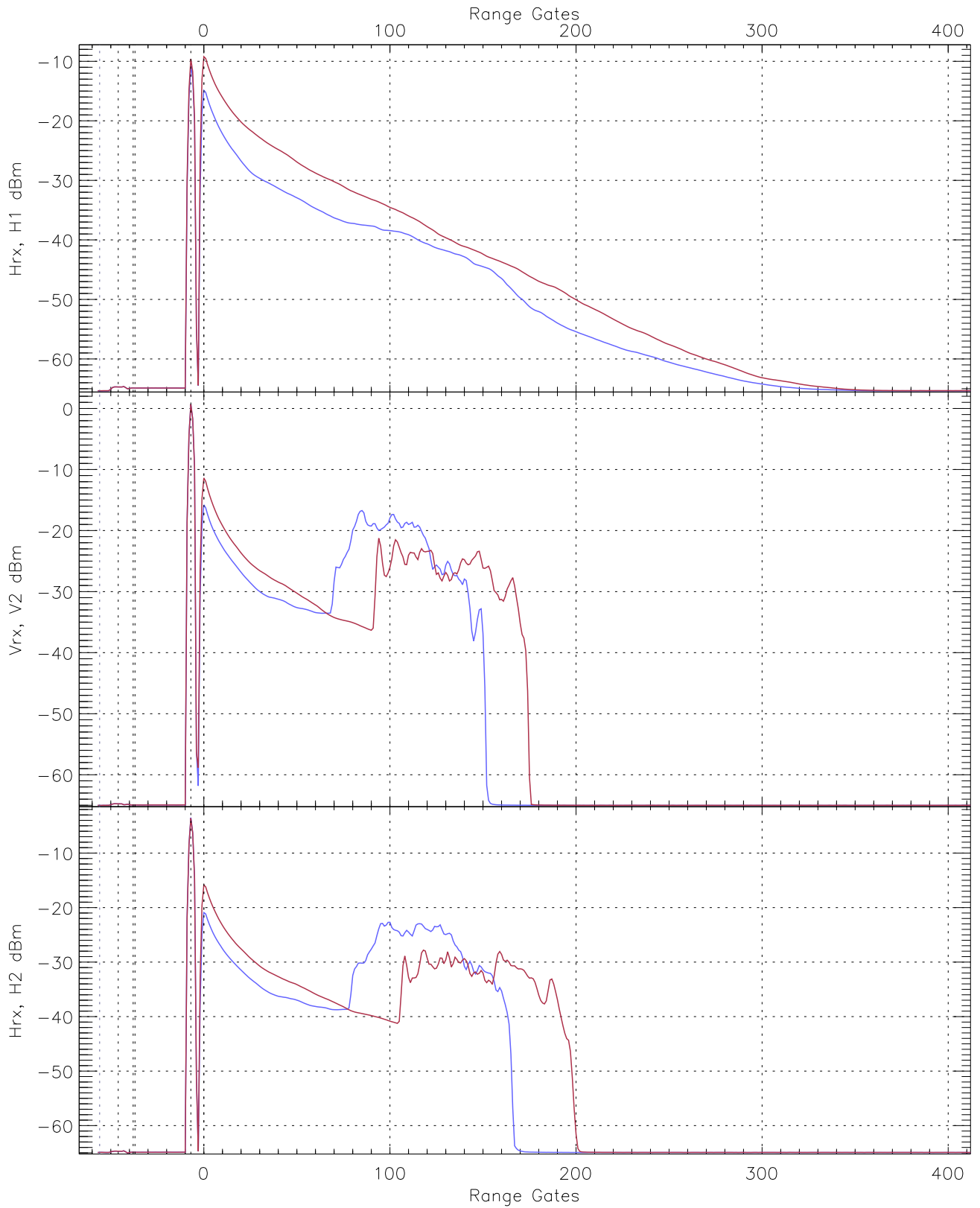
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.71	-64.29	-65.35	-65.36	-76.86
Vrx, V2 (RM [dBm])	-66.26	-63.82	-65.03	-65.04	-76.50
Hrx, H2 (RM [dBm])	-66.12	-63.83	-64.91	-64.92	-76.41



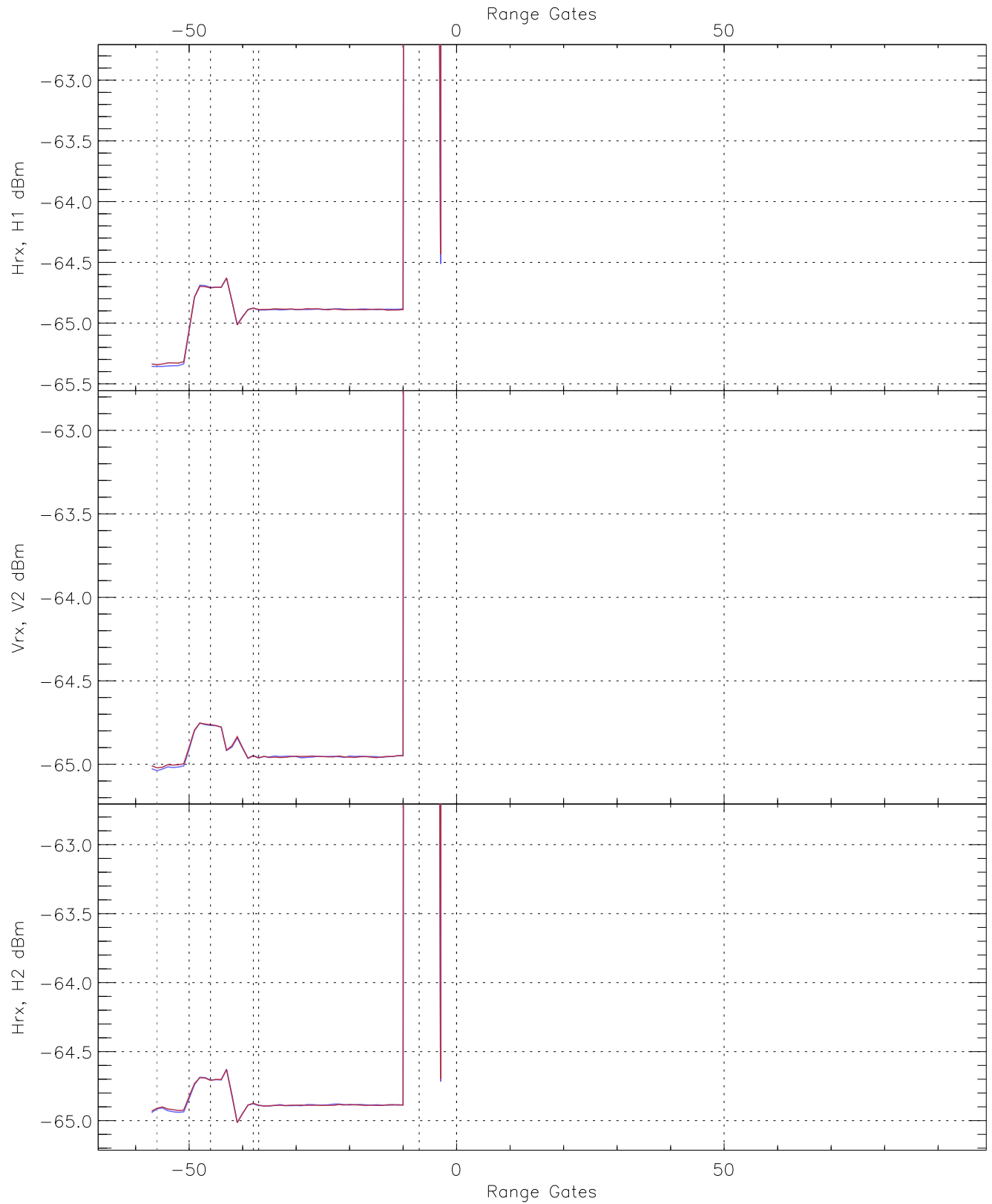
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG389_0 [dBm]	-66.56	-64.14	-65.35	-65.36	-76.84
V2RG334_0 [dBm]	-66.35	-63.88	-65.03	-65.04	-76.53
H2RG294_0 [dBm]	-66.26	-63.81	-64.94	-64.95	-76.42

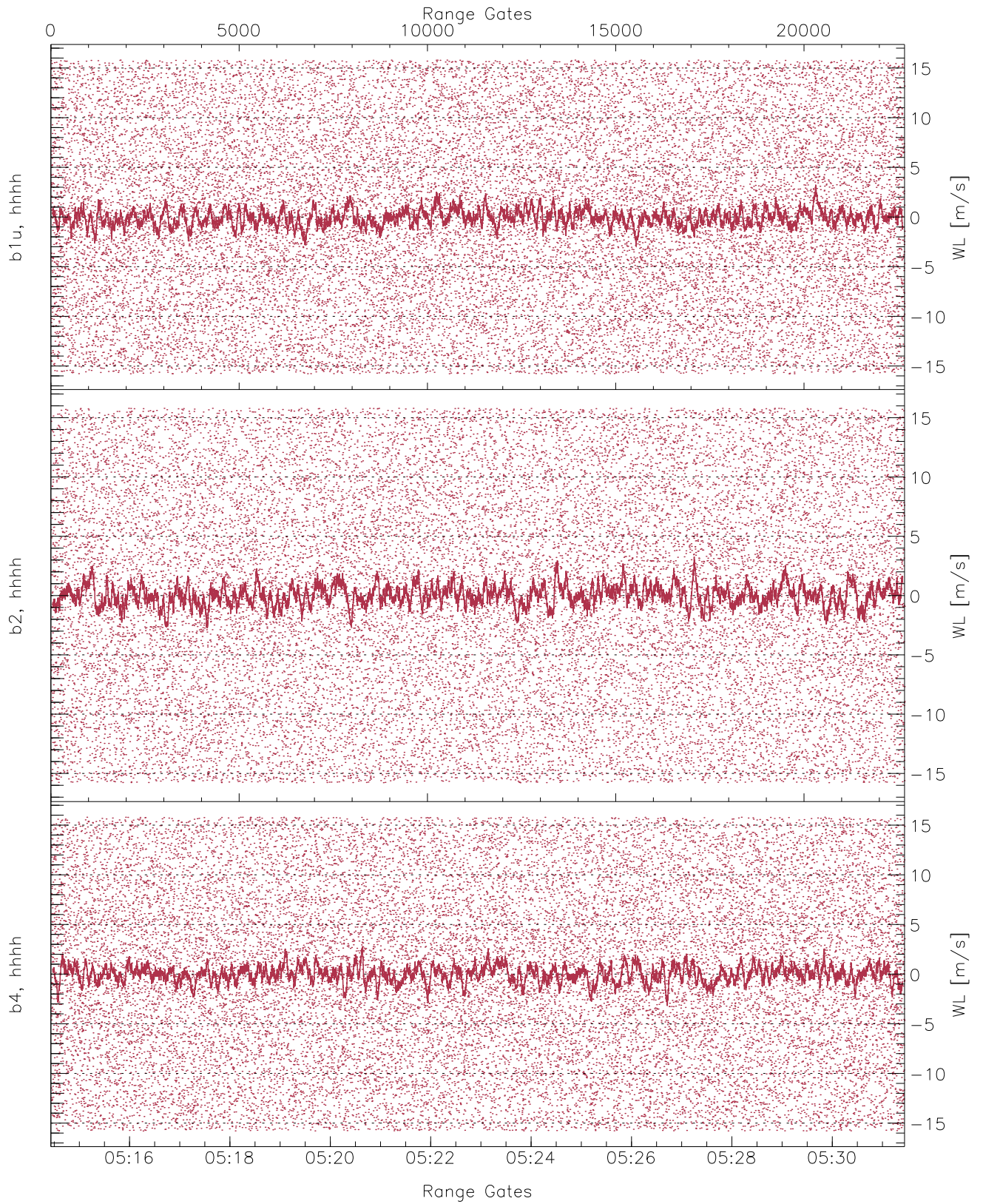




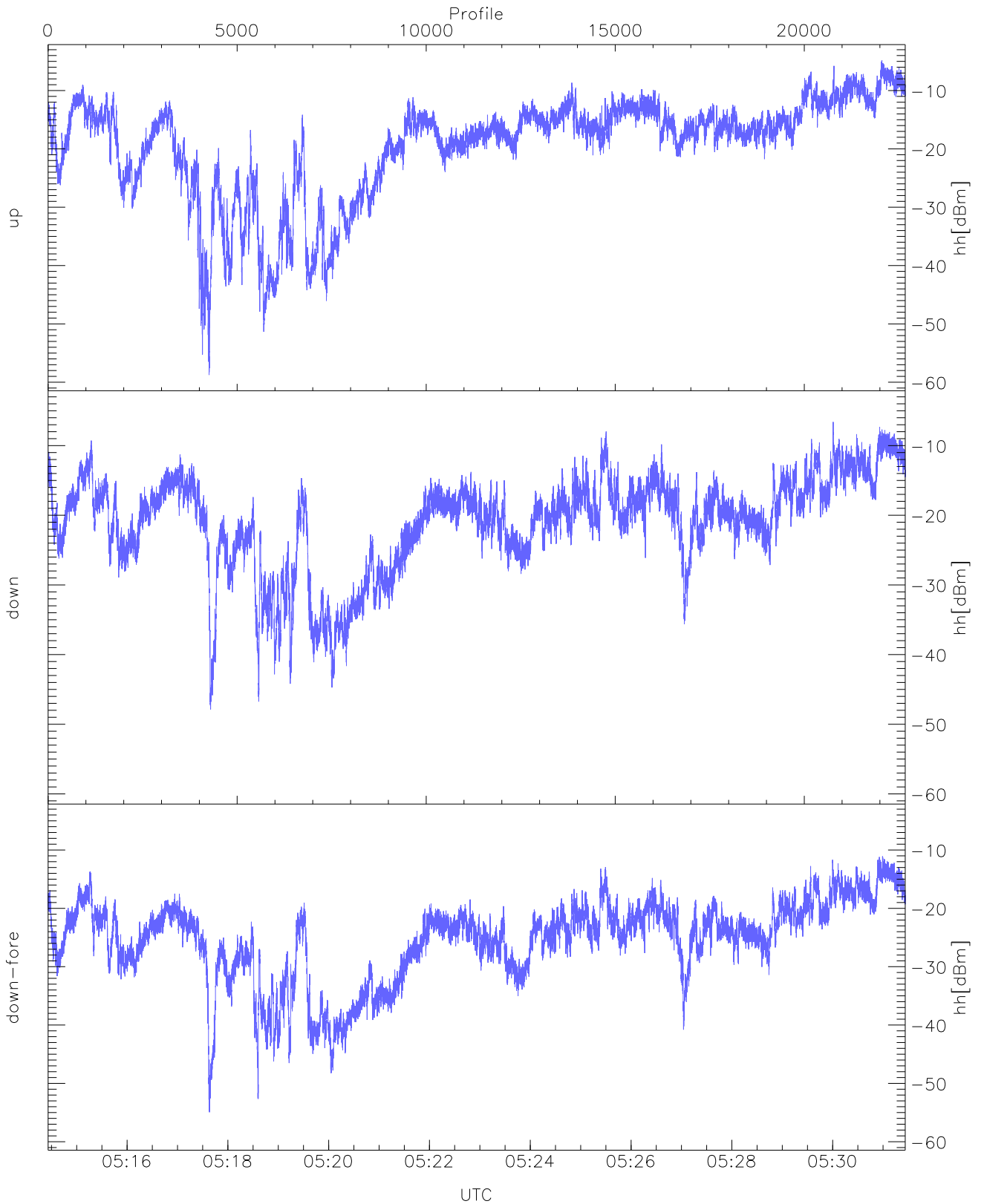
WCR3 CPP Averaged Received power for all recorded gates  
blue: 051426-052256, 11337 profiles averaged  
red: 052256-053126, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 051426-052256, 11337 profiles averaged  
red: 052256-053126, 11336 profiles averaged

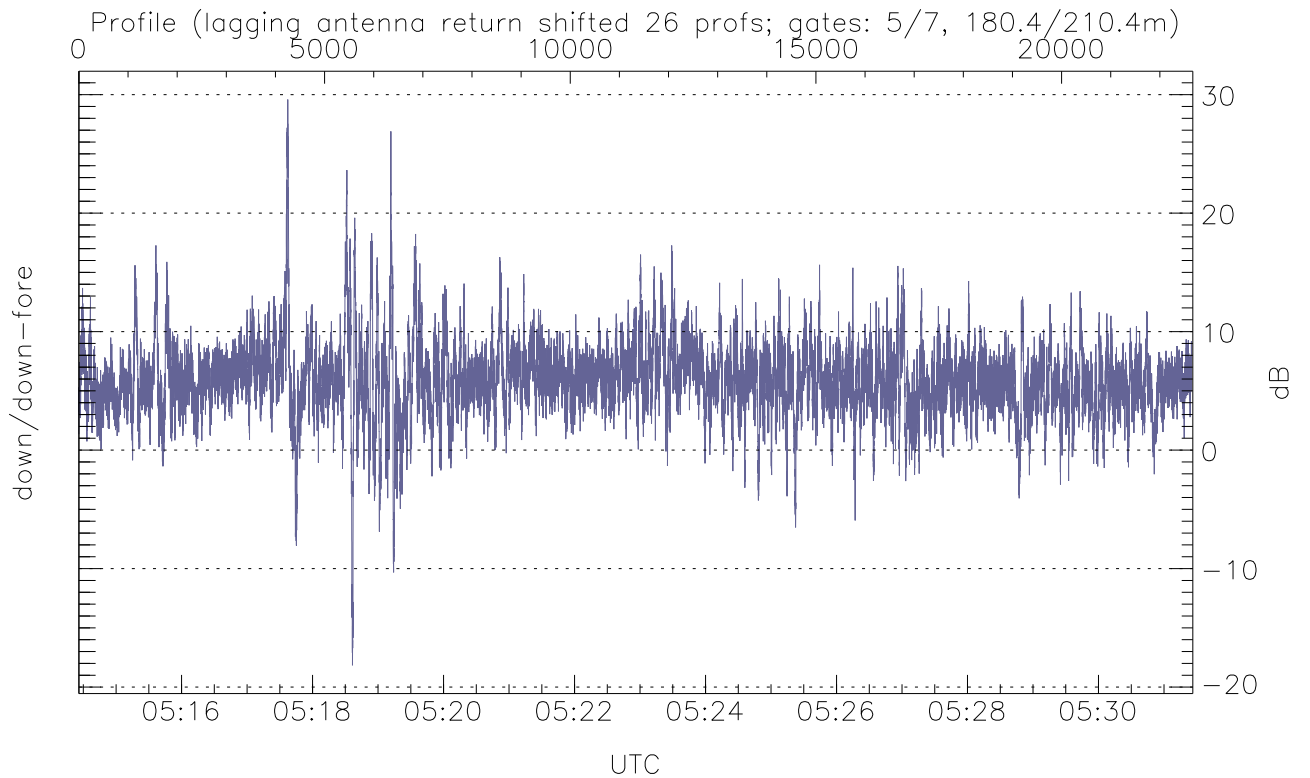
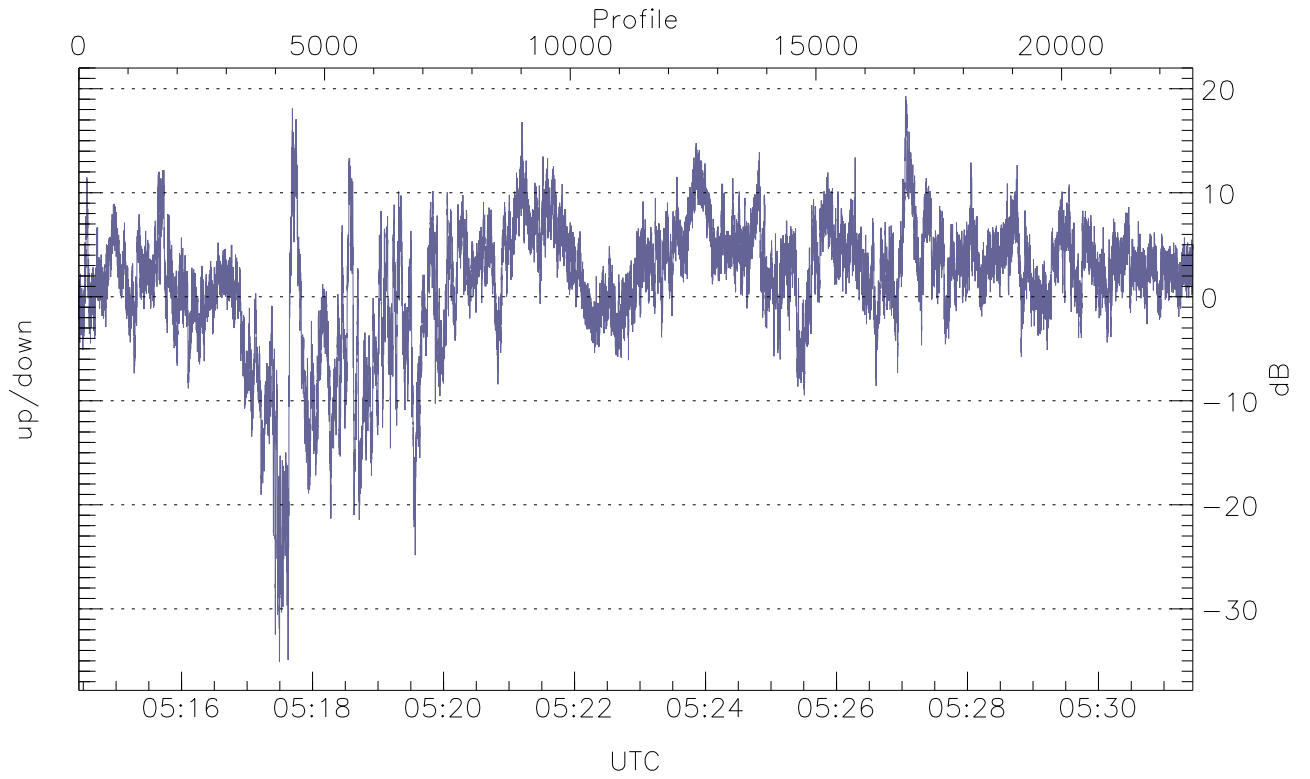


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



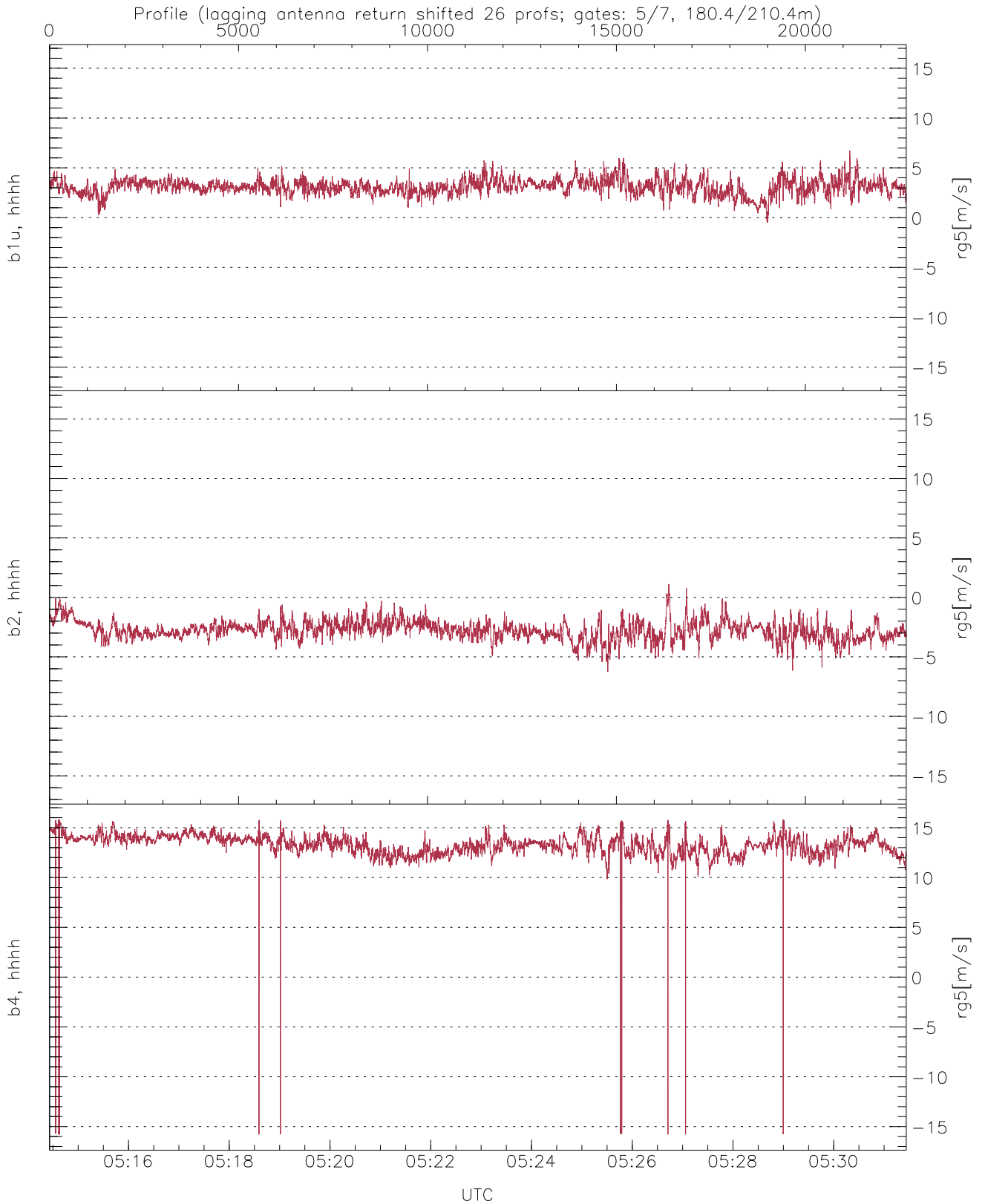
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-58.76	-4.82	-15.10
down(hh[dBm])	-47.87	-6.60	-17.42
down-fore(hh[dBm])	-54.96	-11.08	-21.71



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

	Min	Max	Mean
up/down (dB)	-35.12	19.27	1.43
down/down-fore (dB)	-18.16	29.59	5.93



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.47	6.73	3.09	0.77
b2, hhhh(rg5[m/s])	-6.24	1.12	-2.76	0.78
b4, hhhh(rg5[m/s])	-15.79	15.79	13.23	1.63