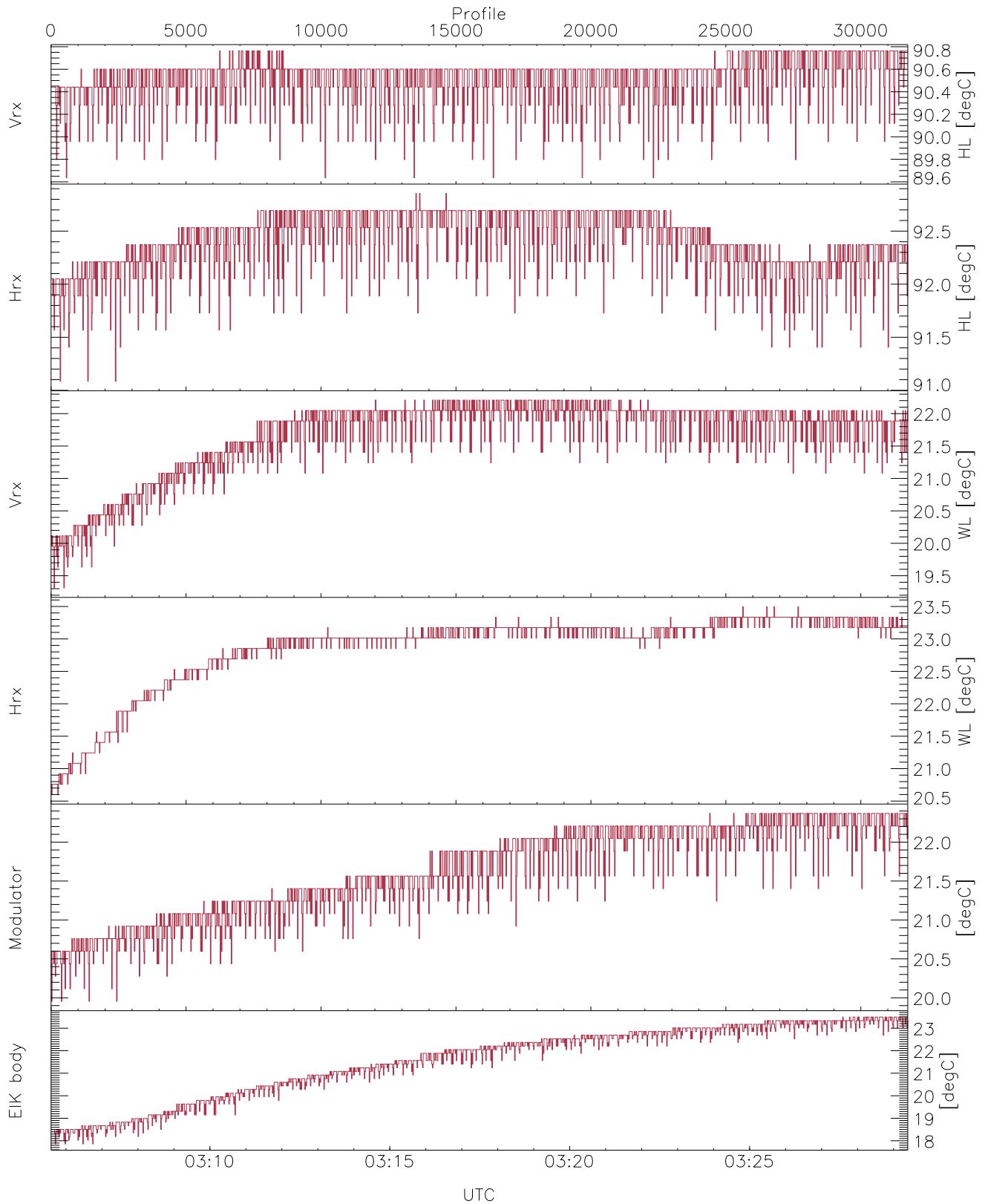


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

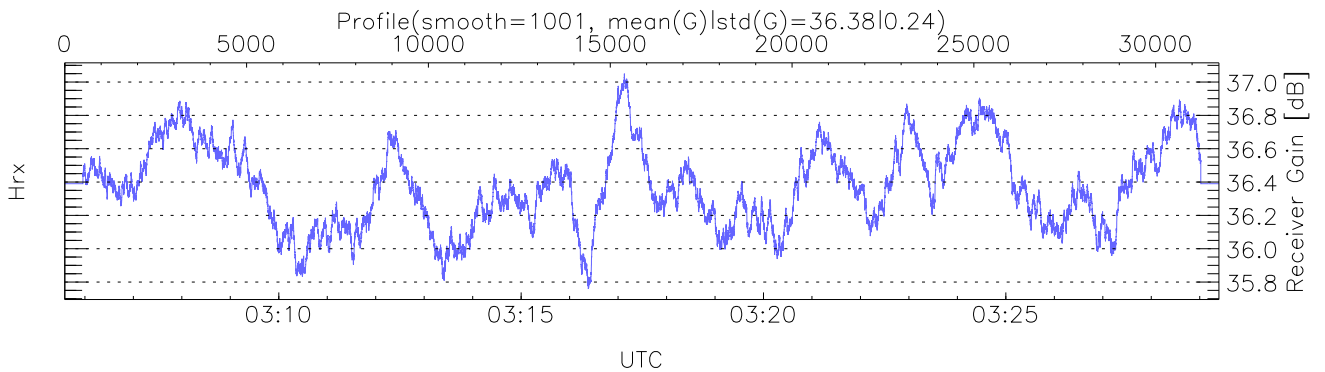
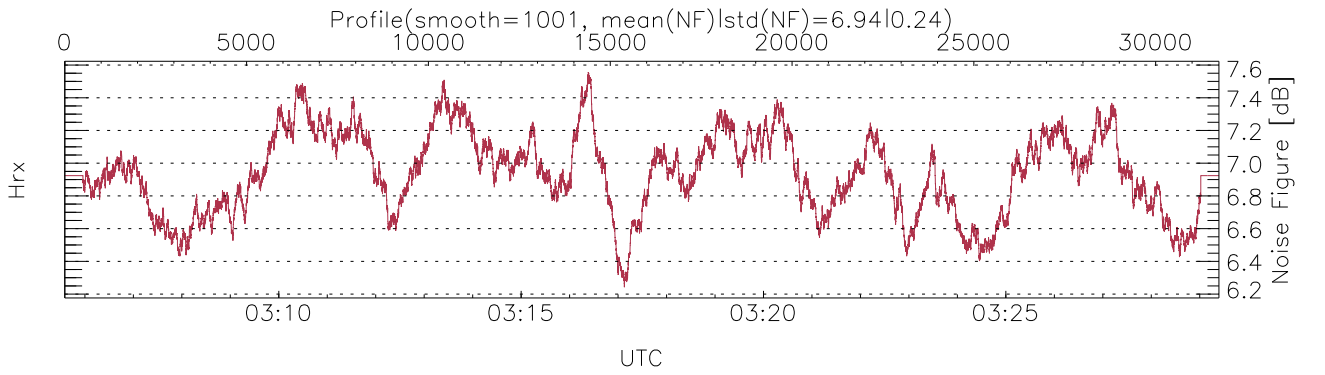
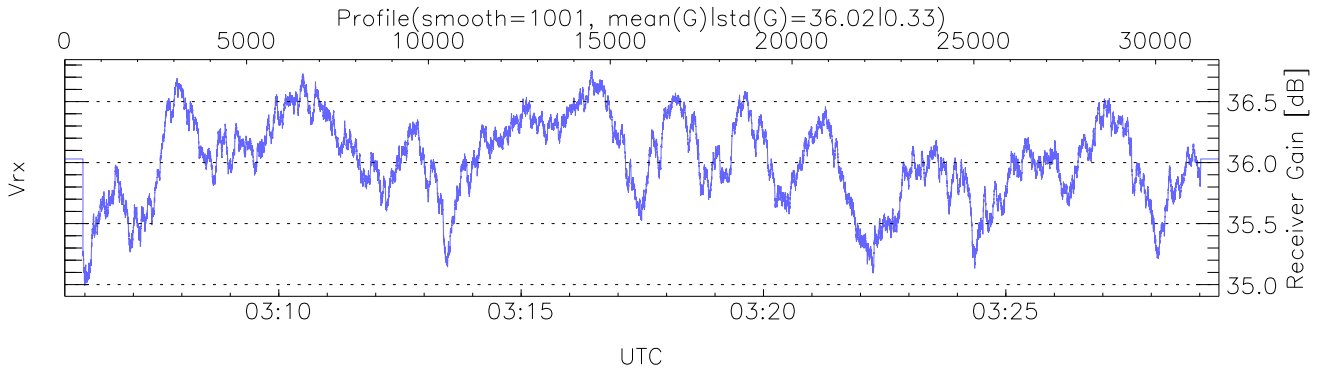
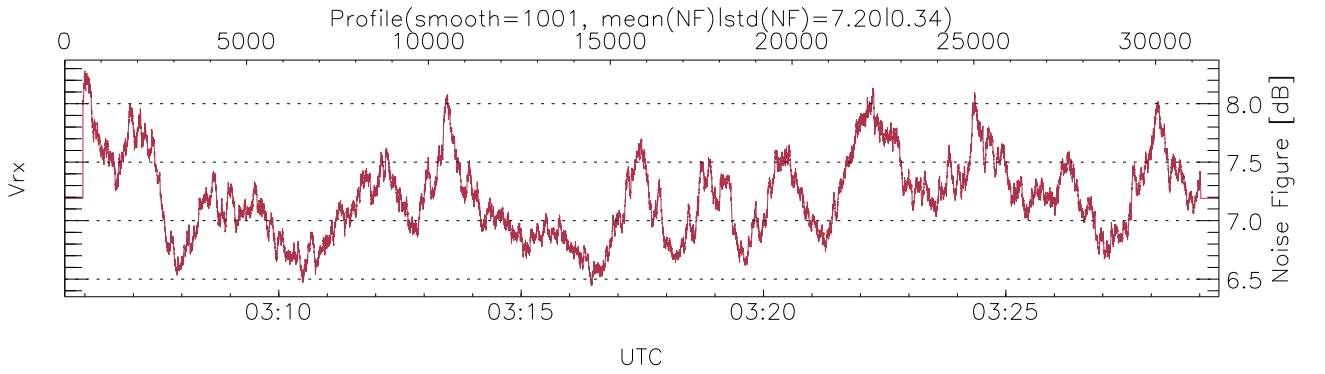
UTC: 03:05:35-03:29:24, TimeCor: 0.00s, Dur: 1428.66s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 31741/31741, 0-31740/03:05:35-03:29:24
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, 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

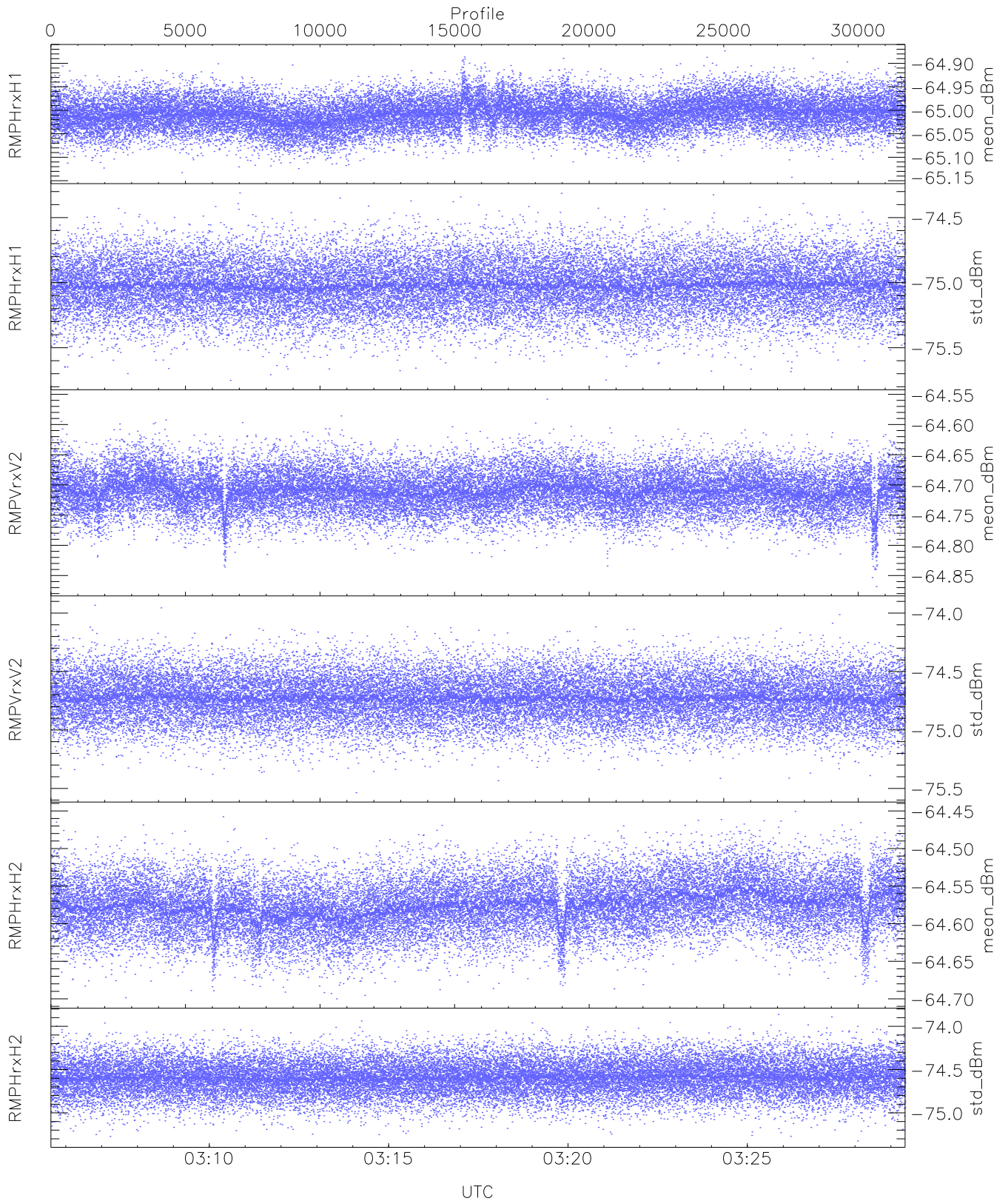
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,19,20,19,17
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,23,22,23
LOalarm(20,240,2817,14861 MHz): 0,0,45,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (22,22,22,22,22,22,22,22)
    
```



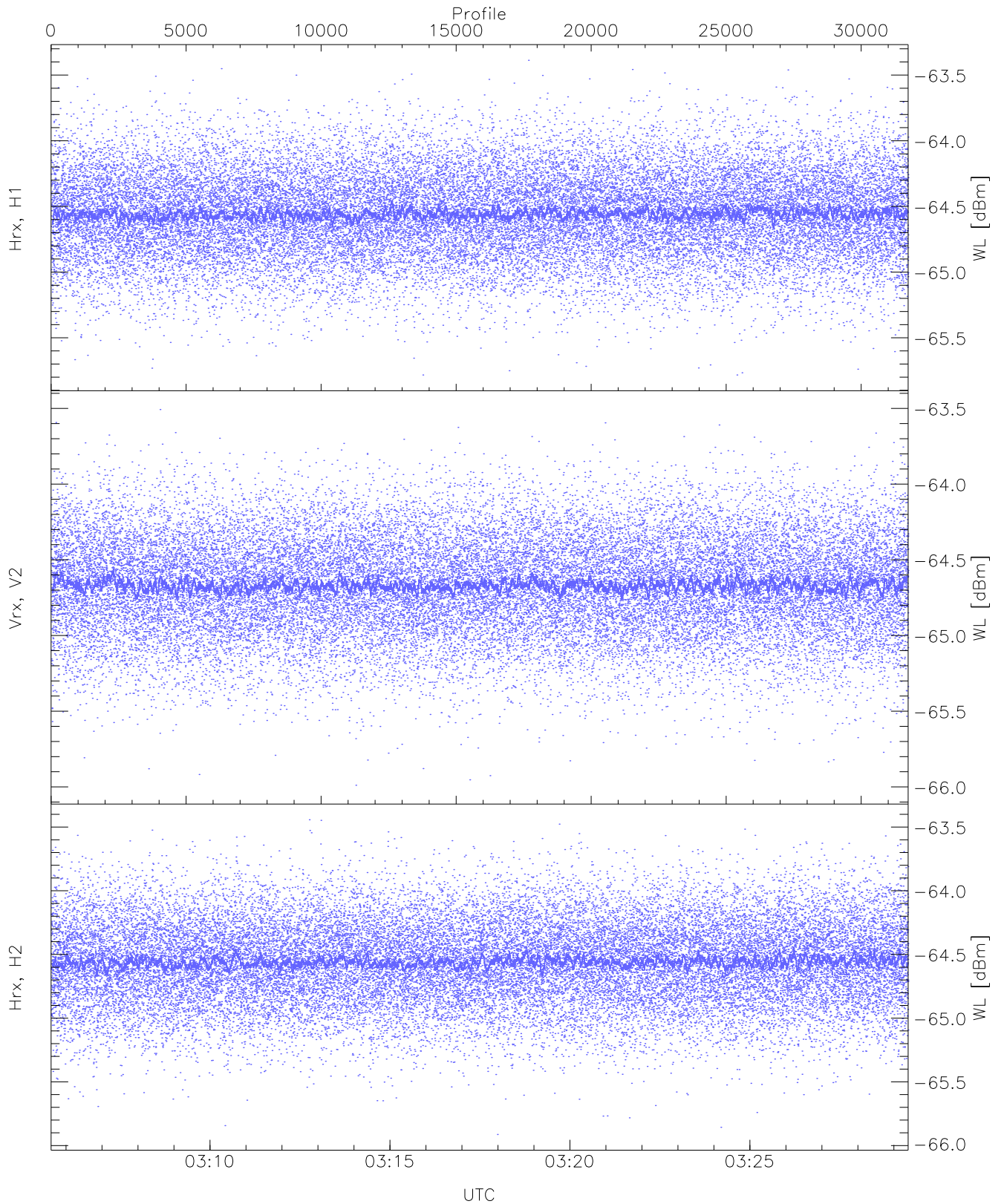
WCR3 CPP Receivers Gain and Noise Figure

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



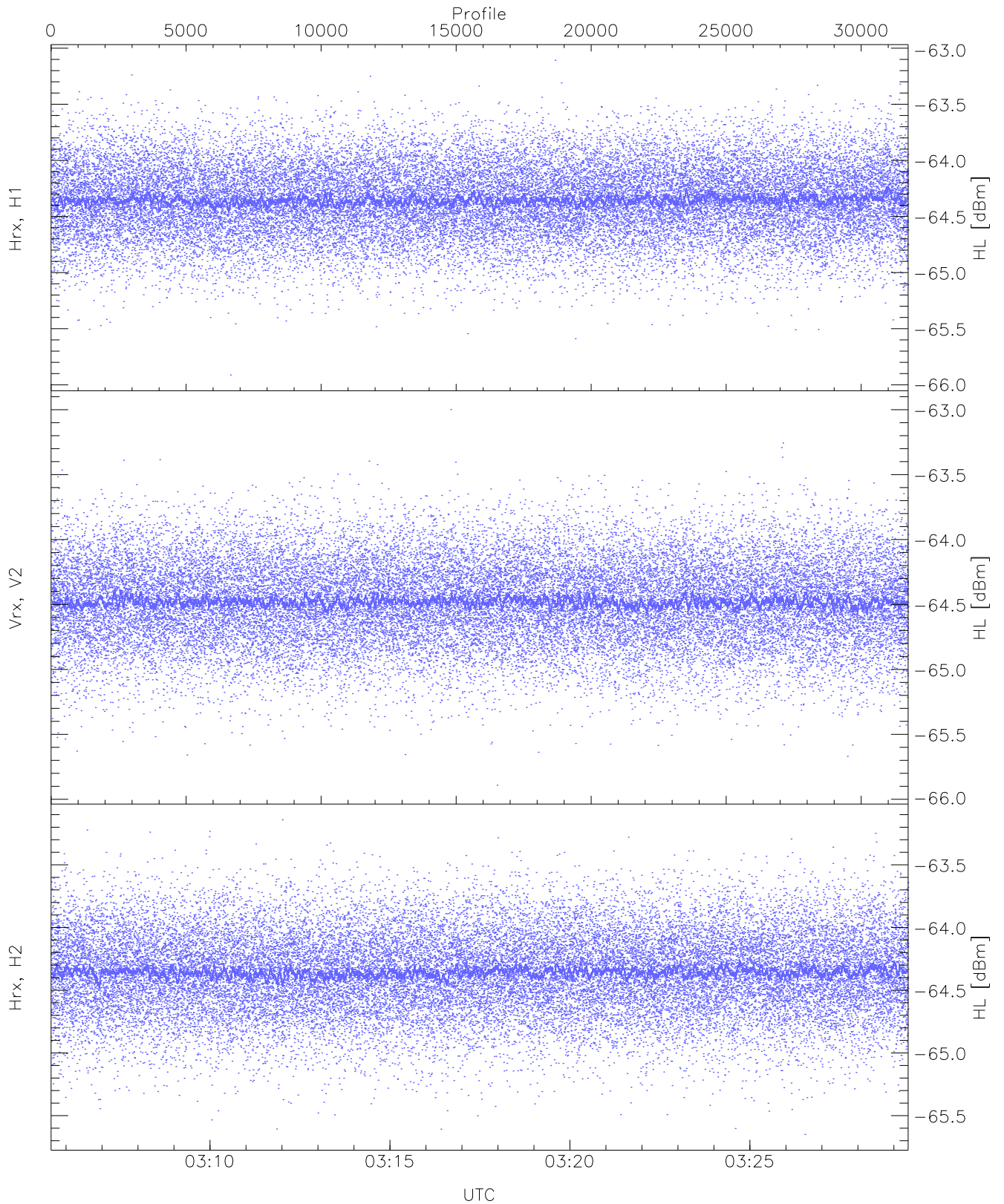
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.14	-64.87	-65.01	-65.01	-86.39
RMPHrxH1(std_dBm)	-75.75	-74.31	-75.02	-75.02	-88.82
RMPVrxV2(mean_dBm)	-64.87	-64.56	-64.71	-64.71	-86.11
RMPVrxV2(std_dBm)	-75.54	-73.93	-74.73	-74.73	-88.54
RMPHrxH2(mean_dBm)	-64.70	-64.45	-64.58	-64.58	-85.87
RMPHrxH2(std_dBm)	-75.33	-73.86	-74.59	-74.59	-88.39



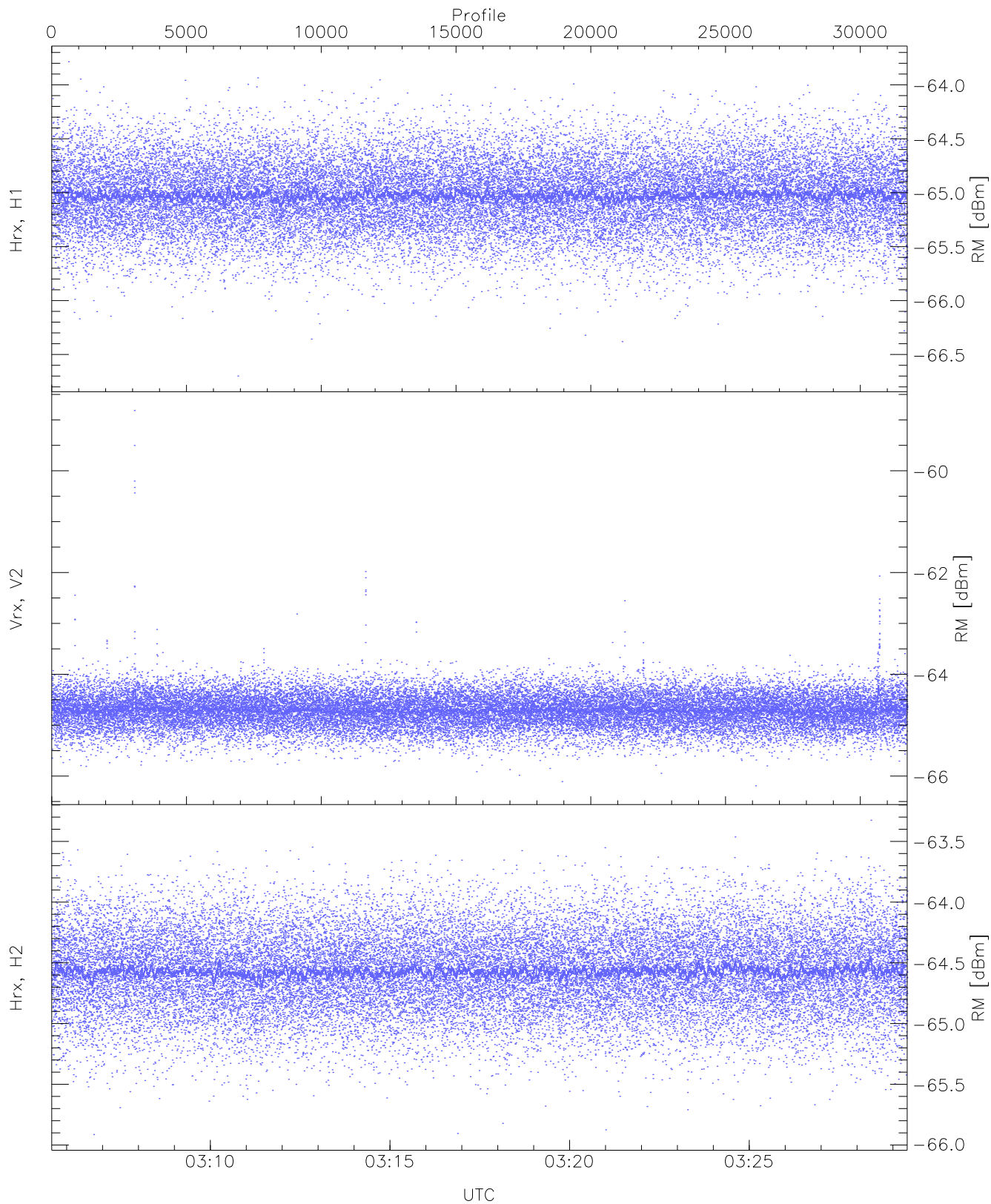
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.78	-63.39	-64.55	-64.56	-76.06
Vrx, V2 (WL [dBm])	-65.99	-63.51	-64.66	-64.67	-76.20
Hrx, H2 (WL [dBm])	-65.91	-63.44	-64.55	-64.56	-76.04



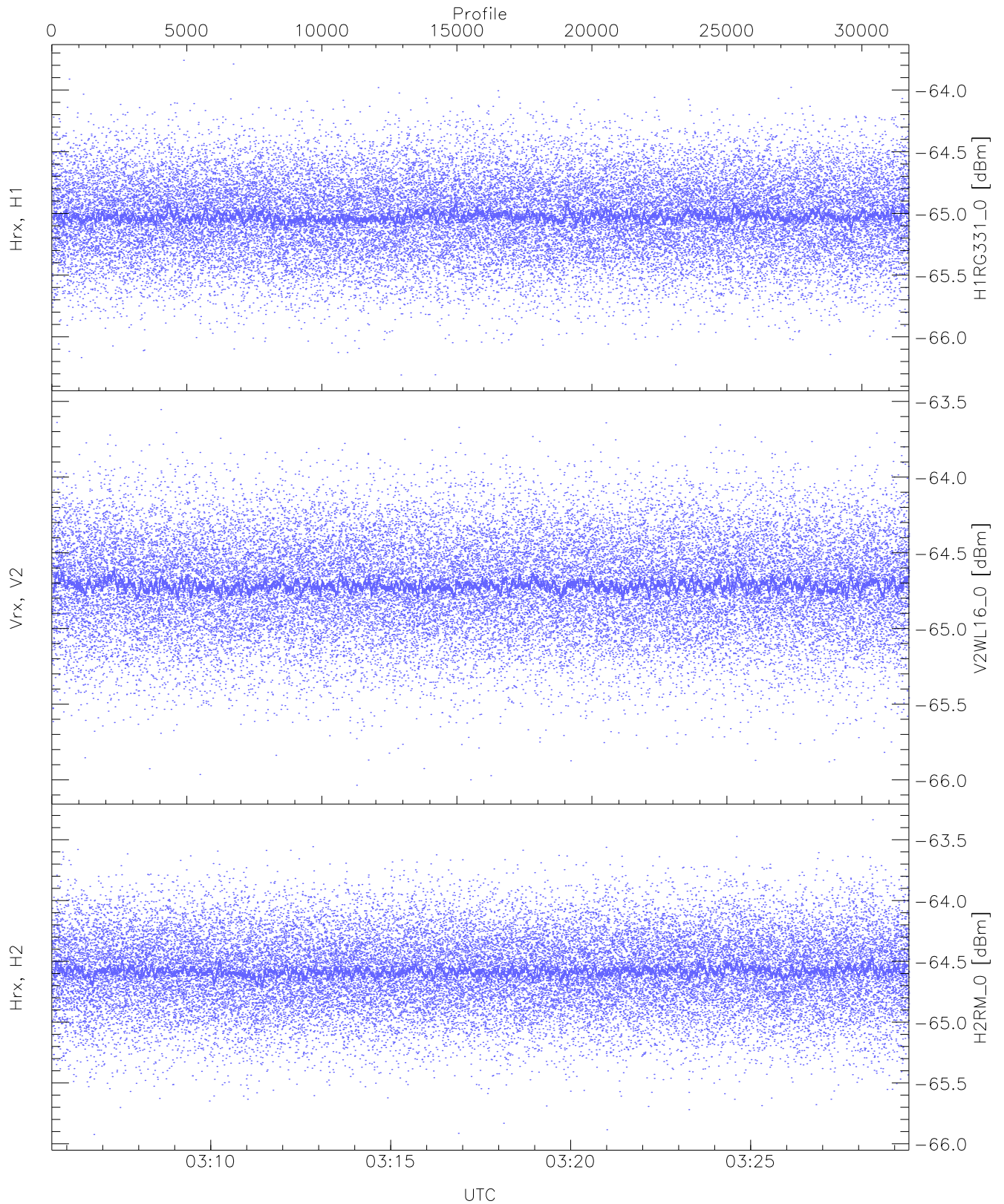
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.91	-63.11	-64.35	-64.36	-75.86
Vrx, V2 (HL [dBm])	-65.89	-63.00	-64.47	-64.48	-75.99
Hrx, H2 (HL [dBm])	-65.65	-63.14	-64.35	-64.36	-75.82



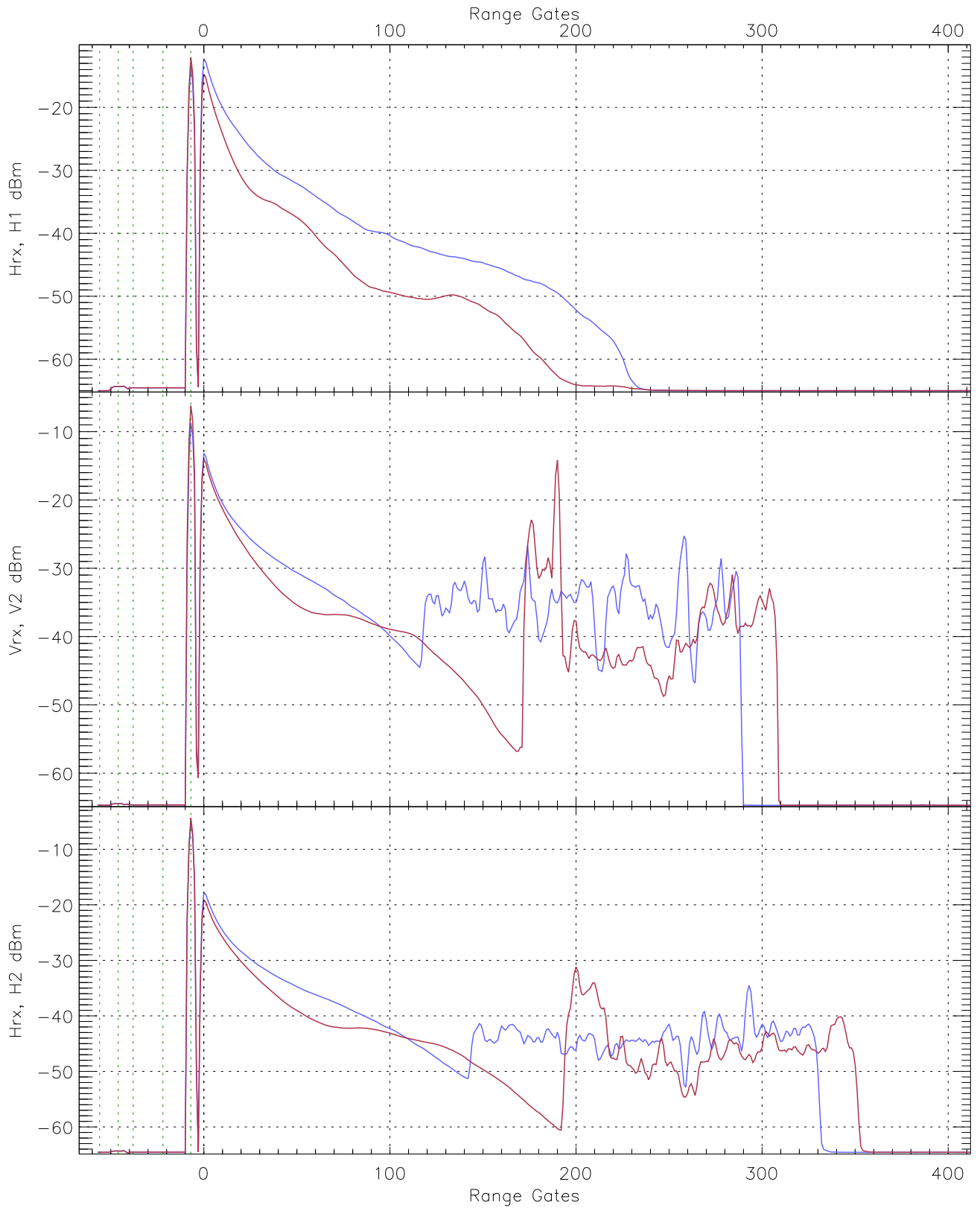
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.70	-63.79	-65.02	-65.02	-76.53
Vrx, V2 (RM [dBm])	-66.19	-58.82	-64.70	-64.71	-75.75
Hrx, H2 (RM [dBm])	-65.91	-63.33	-64.57	-64.57	-76.08

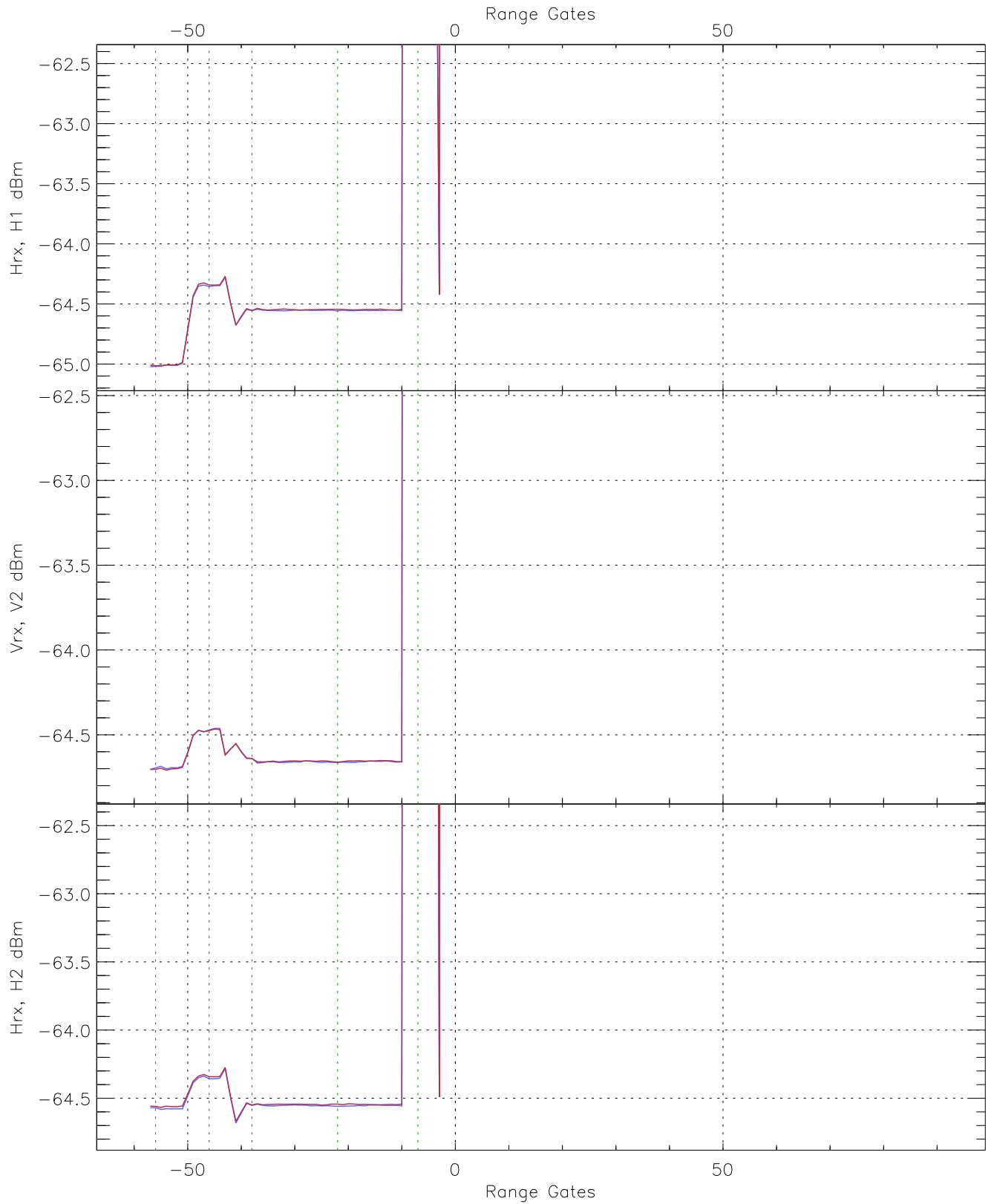


WCR3 CPP "Best" estimate Receivers Noise Power

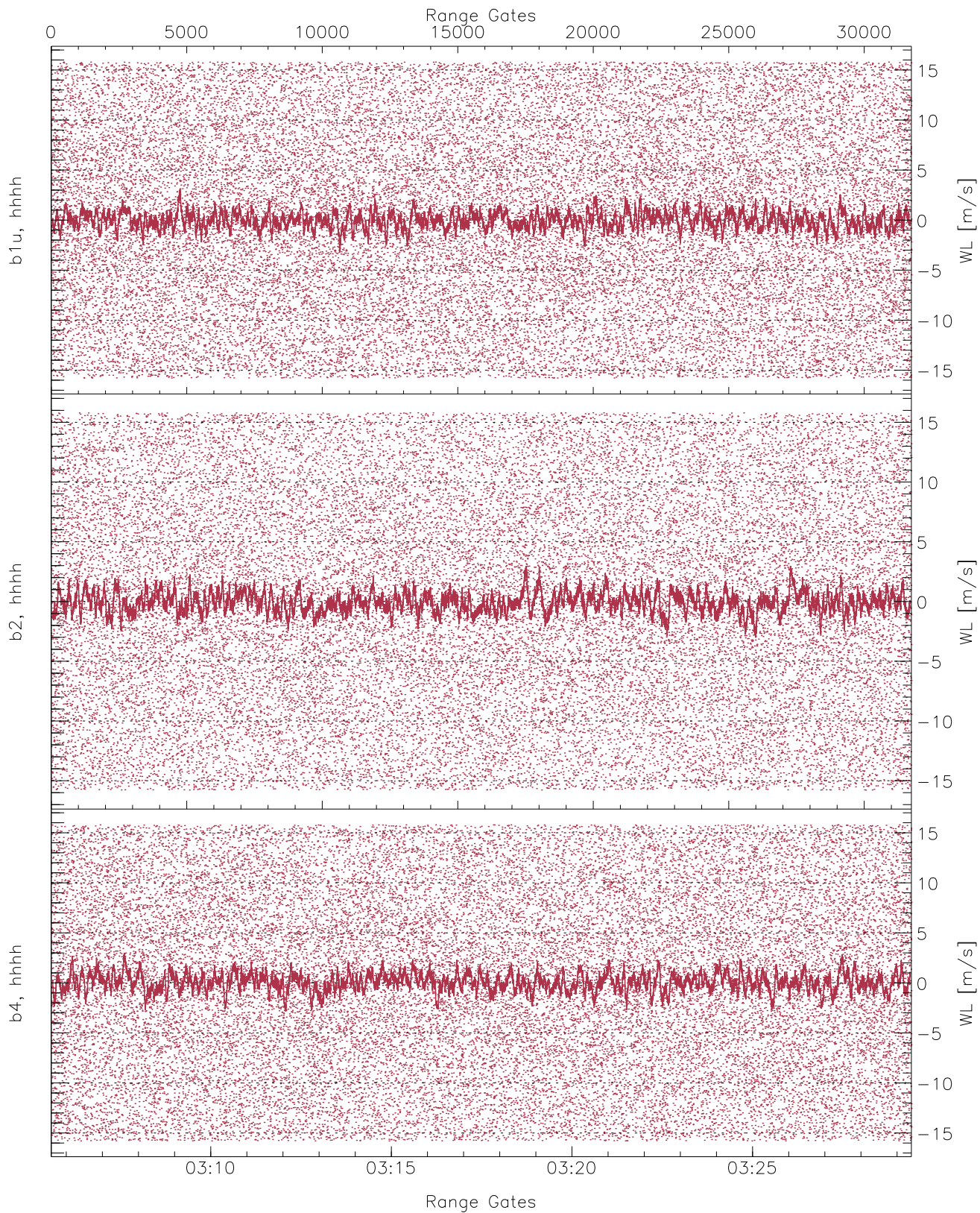
	Min	Max	Mean	Median	StDev
H1RG331_0 [dBm]	-66.31	-63.76	-65.02	-65.02	-76.49
V2WL16_0 [dBm]	-66.04	-63.55	-64.71	-64.71	-76.24
H2RM_0 [dBm]	-65.92	-63.34	-64.58	-64.58	-76.09



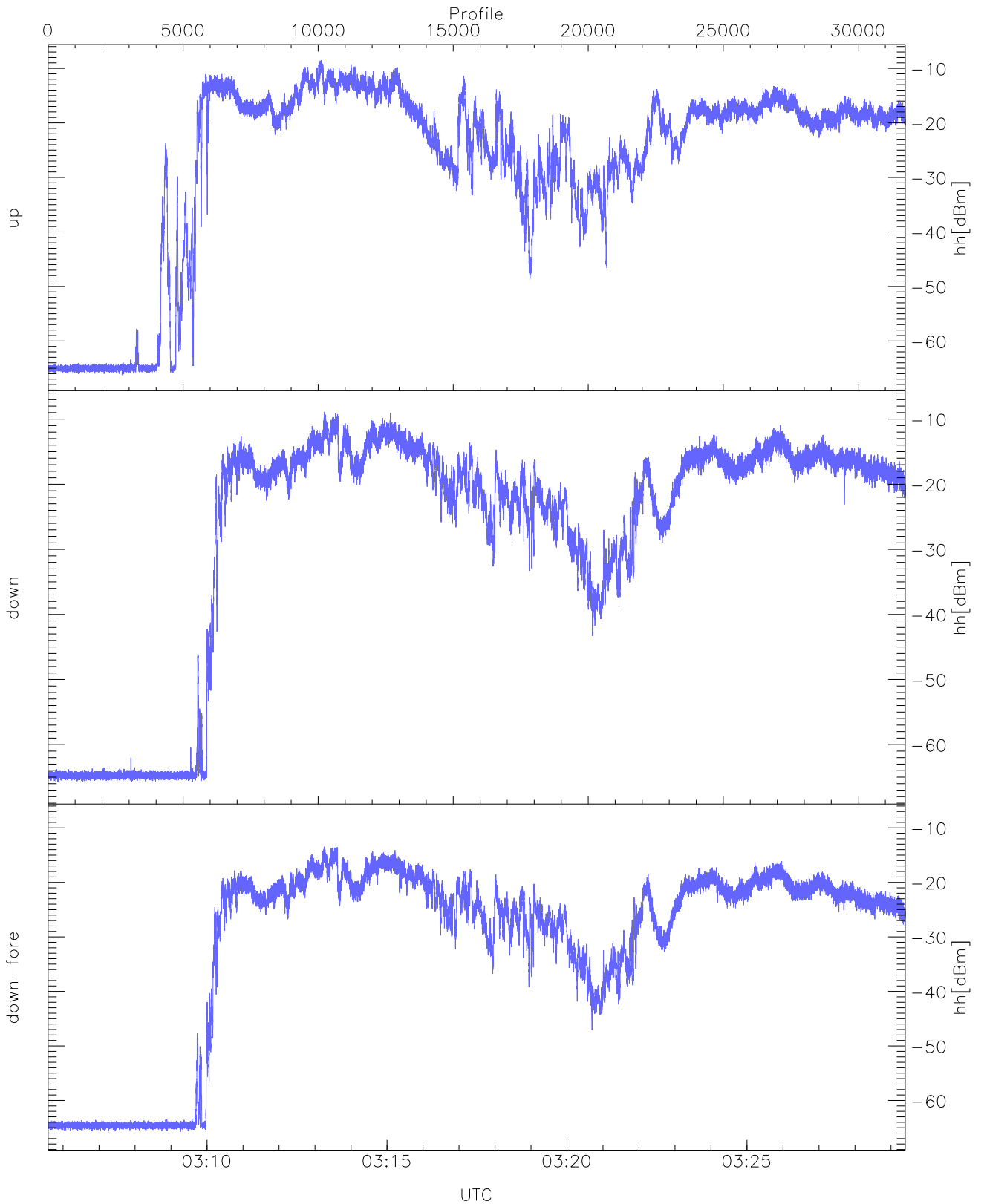
WCR3 CPP Averaged Received power for all recorded gates
blue: 030535-031729, 15871 profiles averaged
red: 031729-032924, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 030535-031729, 15871 profiles averaged
red: 031729-032924, 15871 profiles averaged

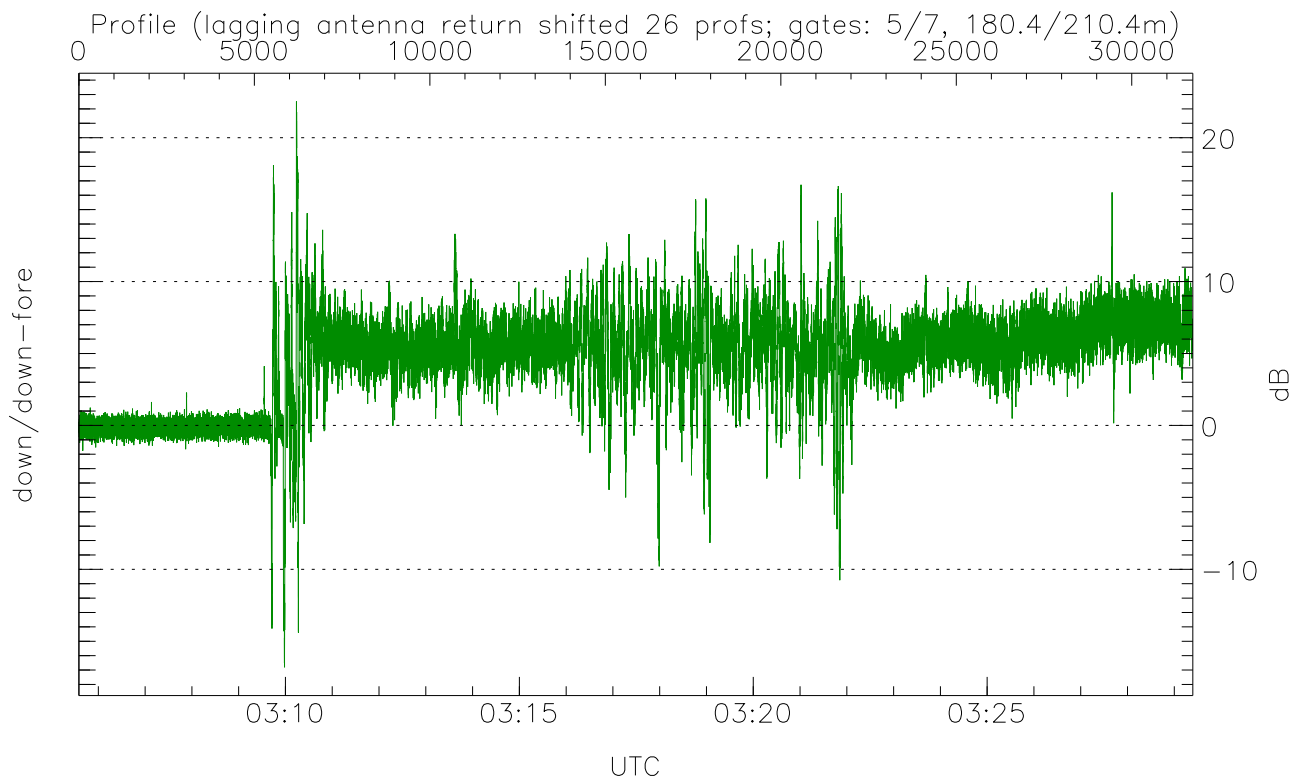
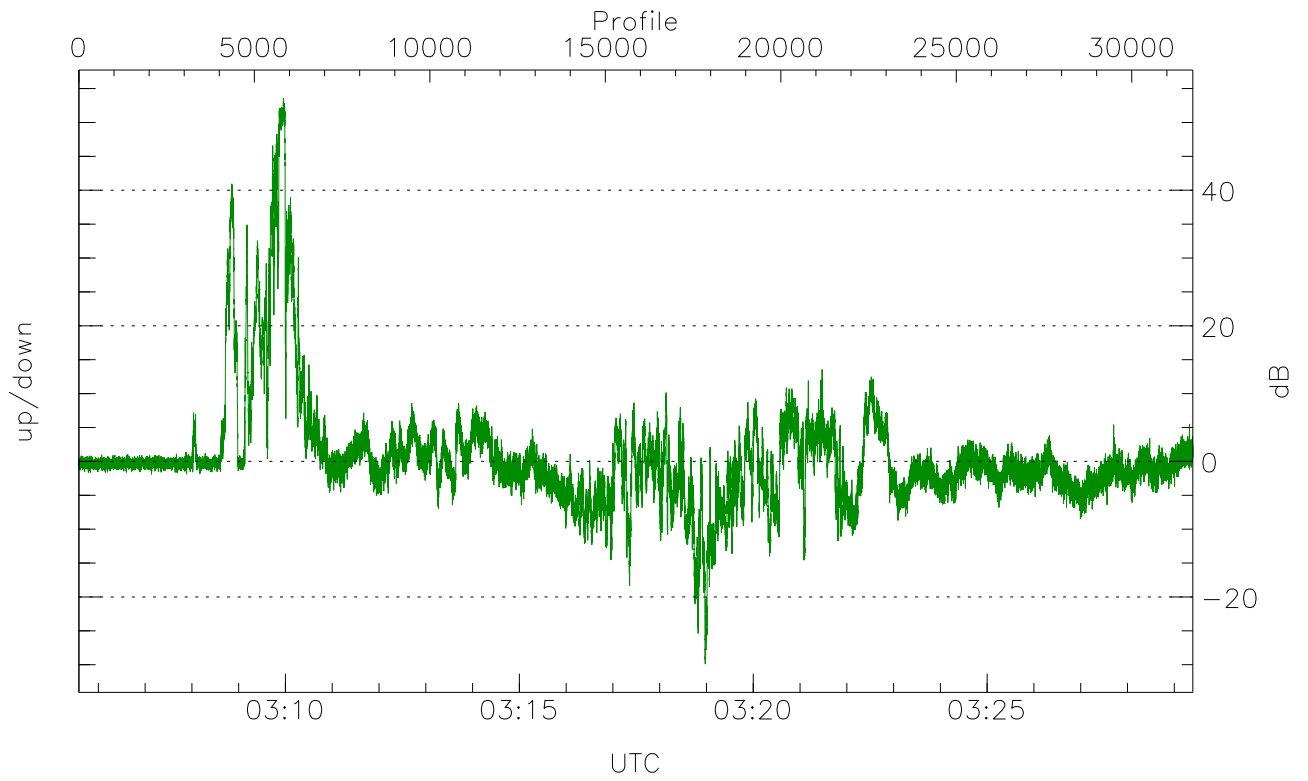


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



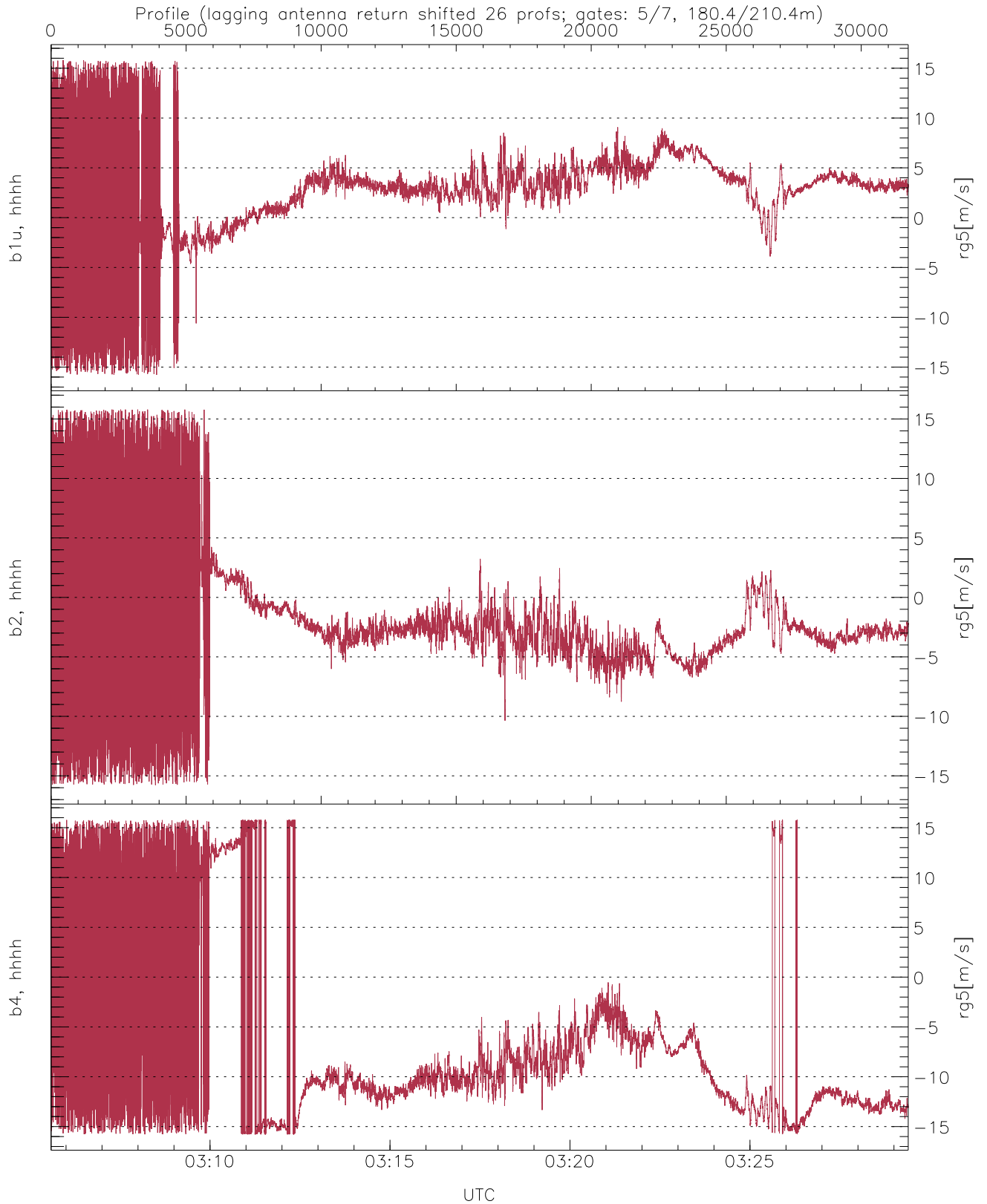
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.24	-8.52	-17.91
down(hh[dBm])	-65.74	-8.88	-17.74
down-fore(hh[dBm])	-65.89	-13.44	-22.16



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

	Min	Max	Mean
up/down (dB)	-29.90	53.57	0.60
down/down-fore (dB)	-16.81	22.51	4.57



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	2.56	3.91
b2, hhhh(rg5[m/s])	-15.77	15.79	-2.24	4.28
b4, hhhh(rg5[m/s])	-15.79	15.79	-6.71	8.24