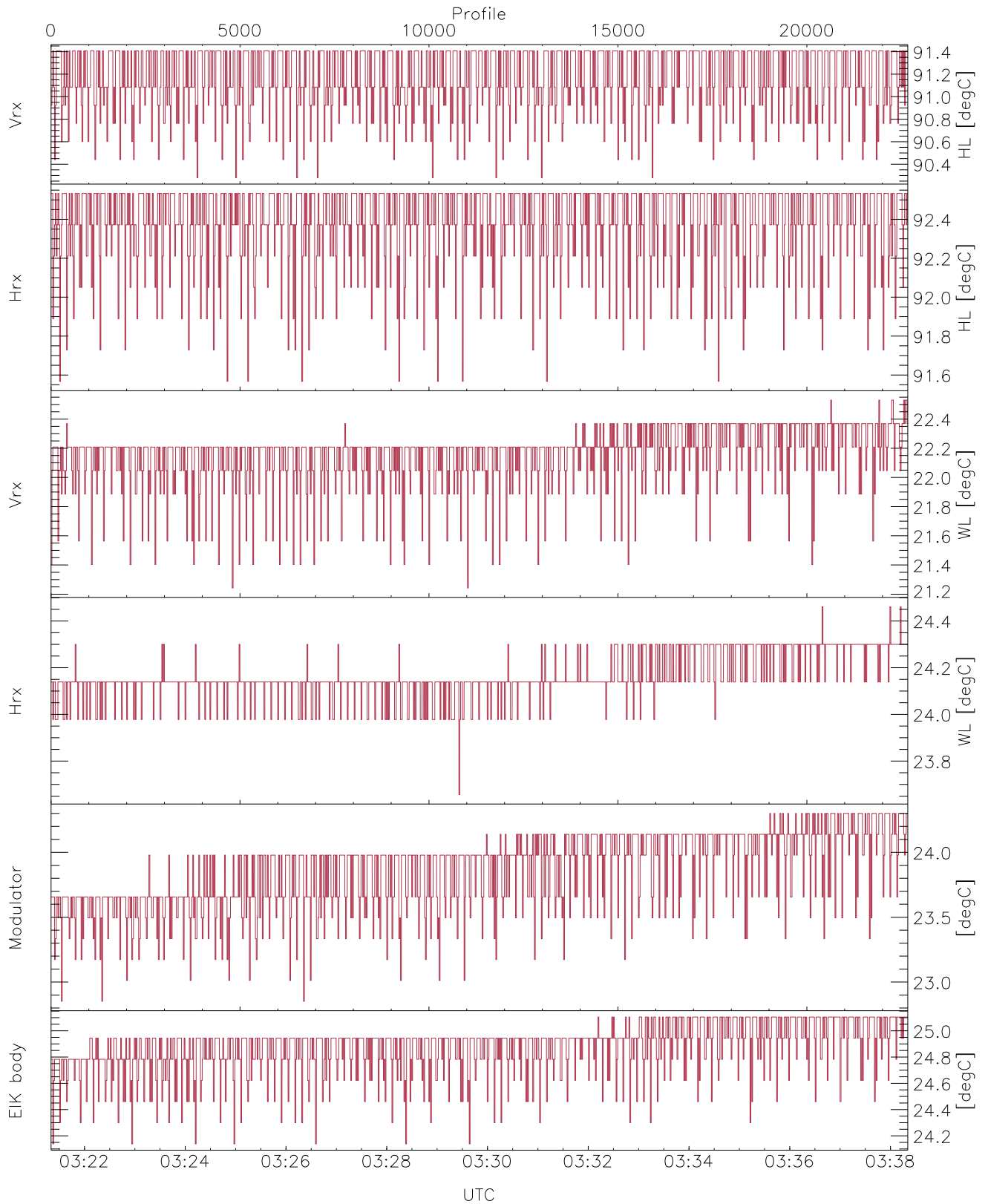


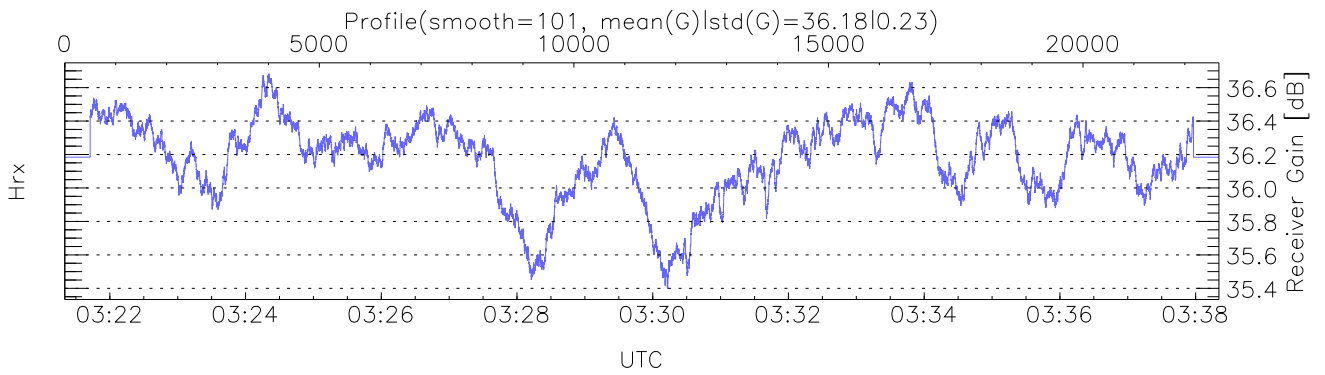
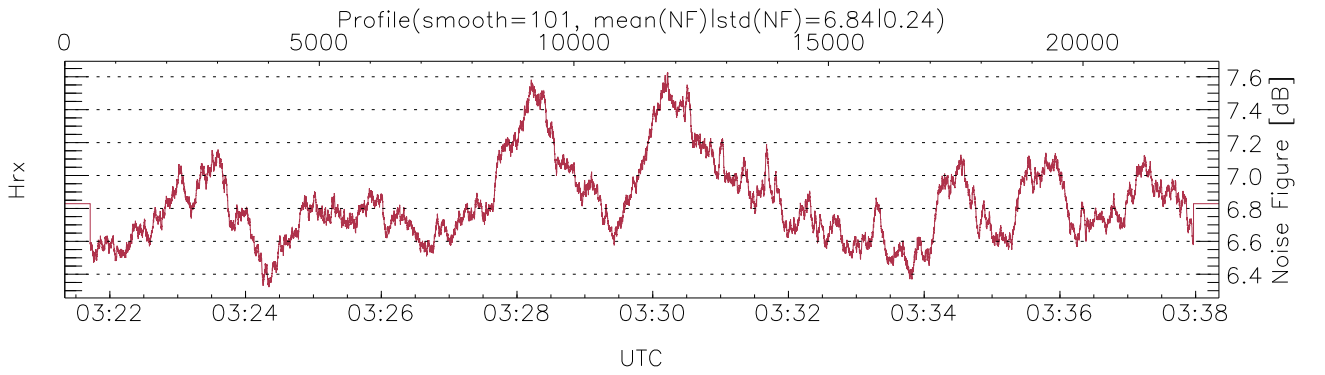
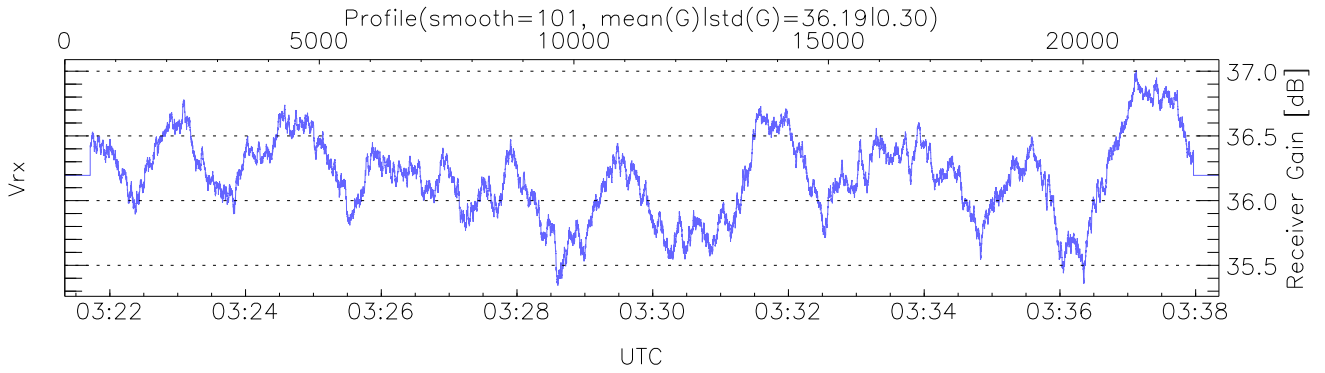
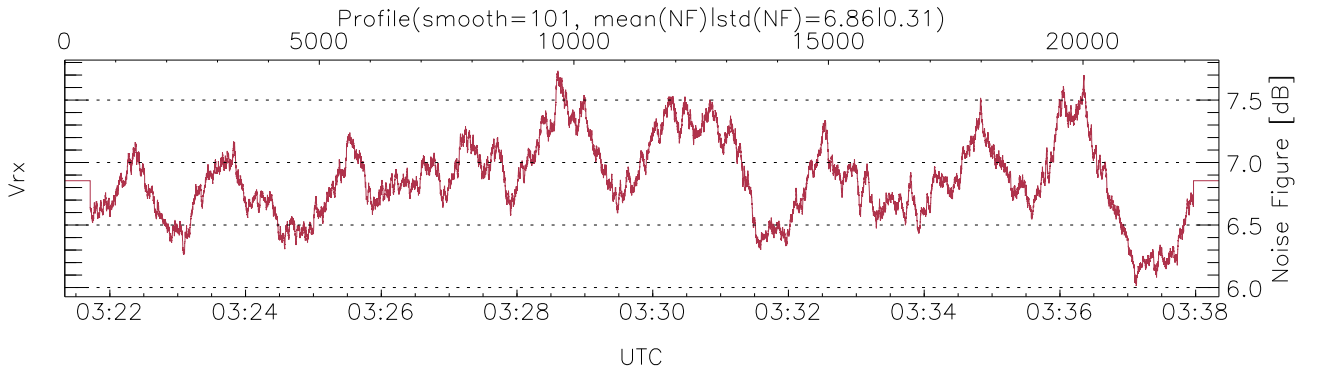
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 03:21:20-03:38:21, 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, 0-22671/03:21:20-03:38:21
 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 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



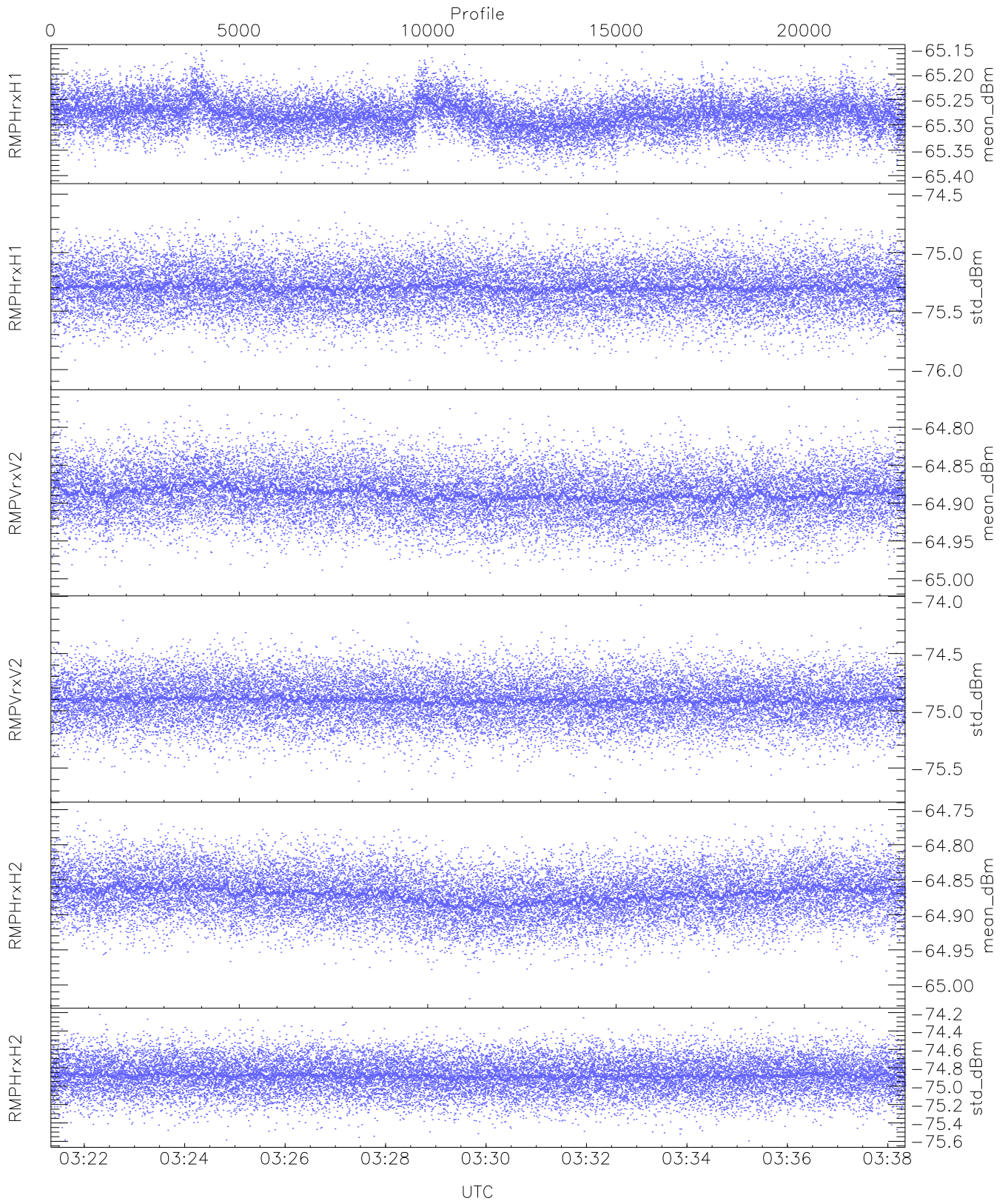
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,23,22,24`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,24,25`
`LOalarm(20,240,2817,14861 MHz): 0,0,24,0`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)`



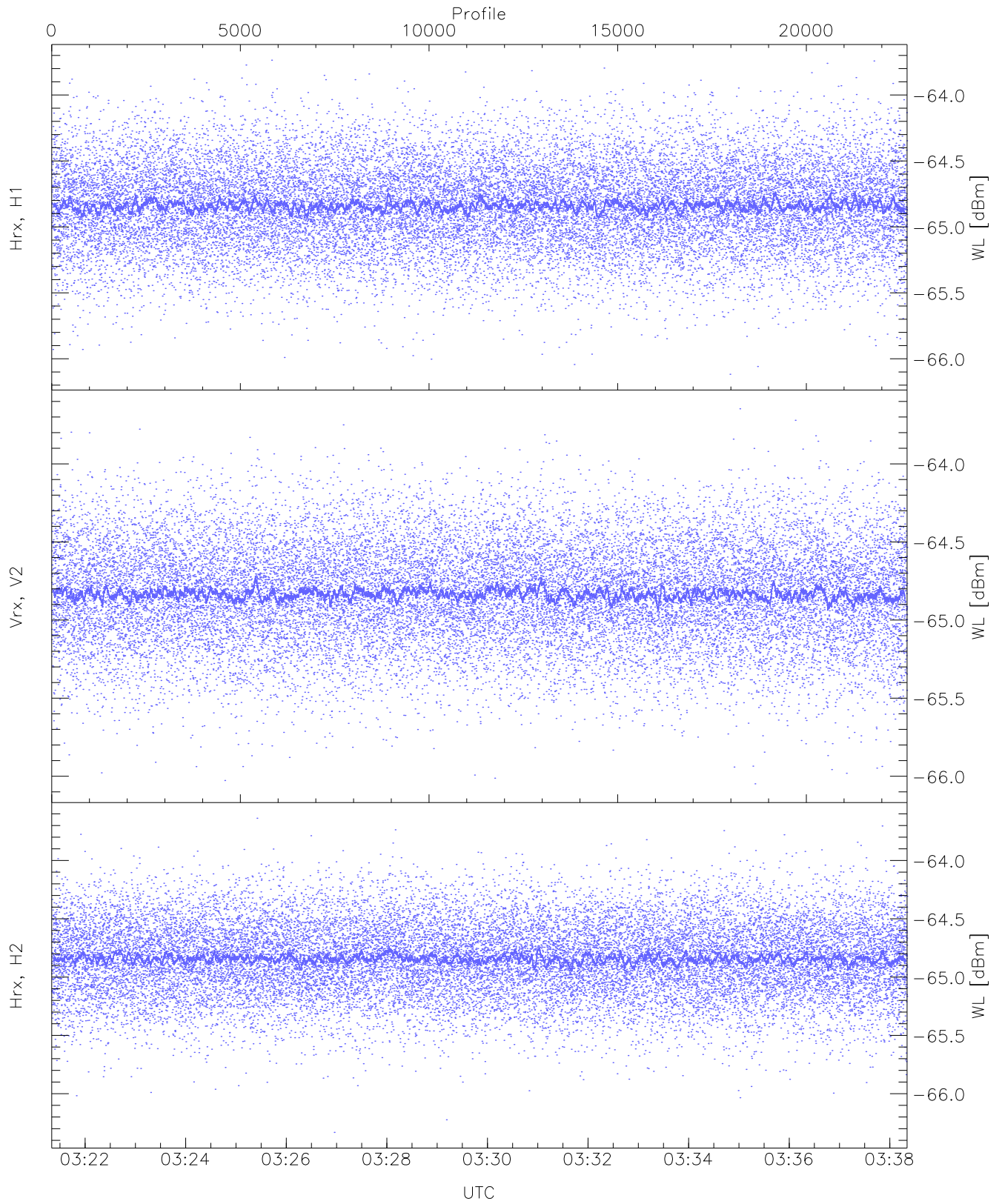
WCR3 CPP Receivers Gain and Noise Figure

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



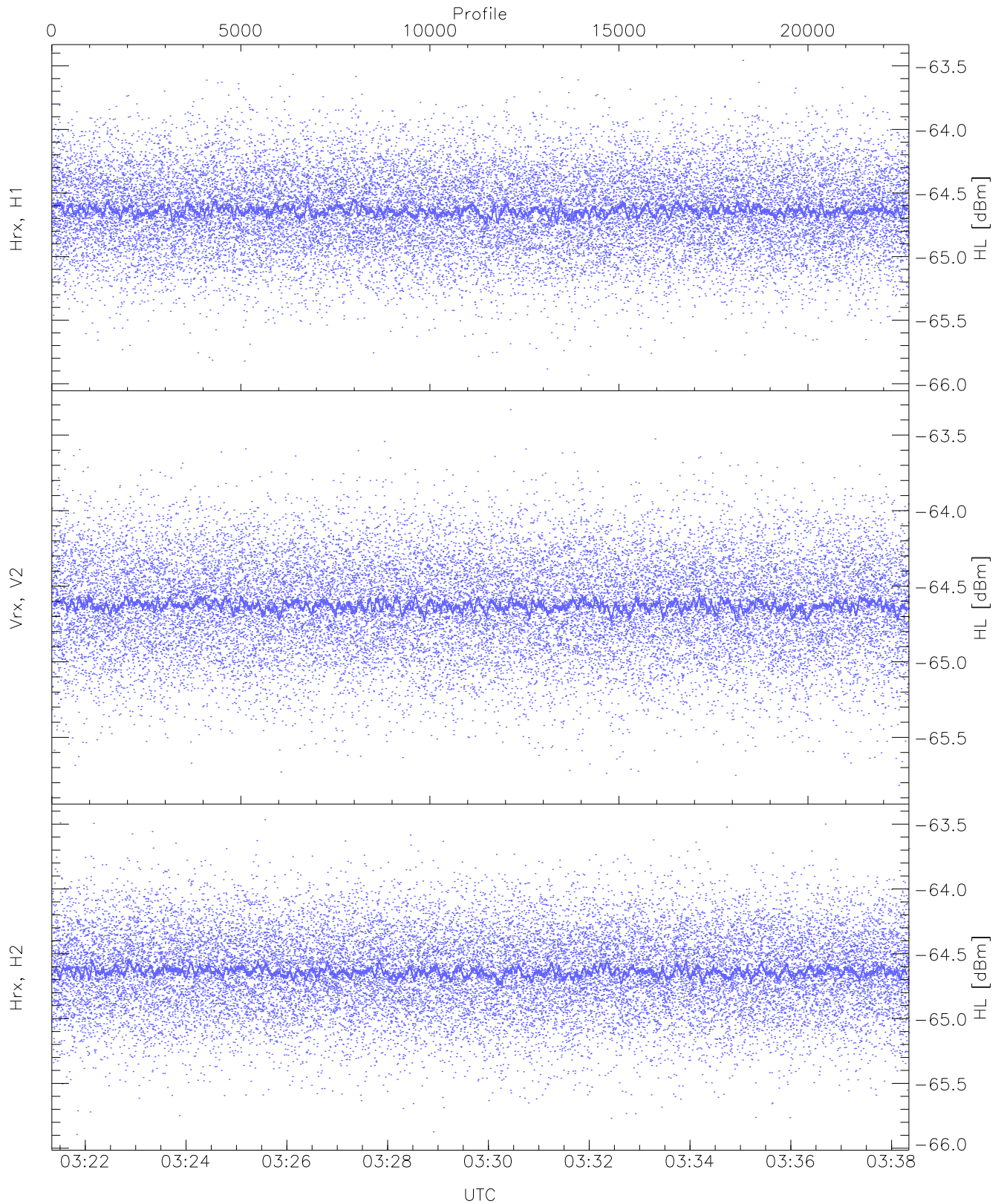
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.40	-65.15	-65.28	-65.28	-86.49
RMPHrxH1 (std_dBm)	-76.09	-74.49	-75.30	-75.30	-89.08
RMPVrxV2 (mean_dBm)	-65.01	-64.76	-64.89	-64.89	-86.40
RMPVrxV2 (std_dBm)	-75.72	-74.08	-74.90	-74.91	-88.68
RMPHrxH2 (mean_dBm)	-65.02	-64.75	-64.87	-64.87	-86.32
RMPHrxH2 (std_dBm)	-75.60	-74.22	-74.89	-74.89	-88.71



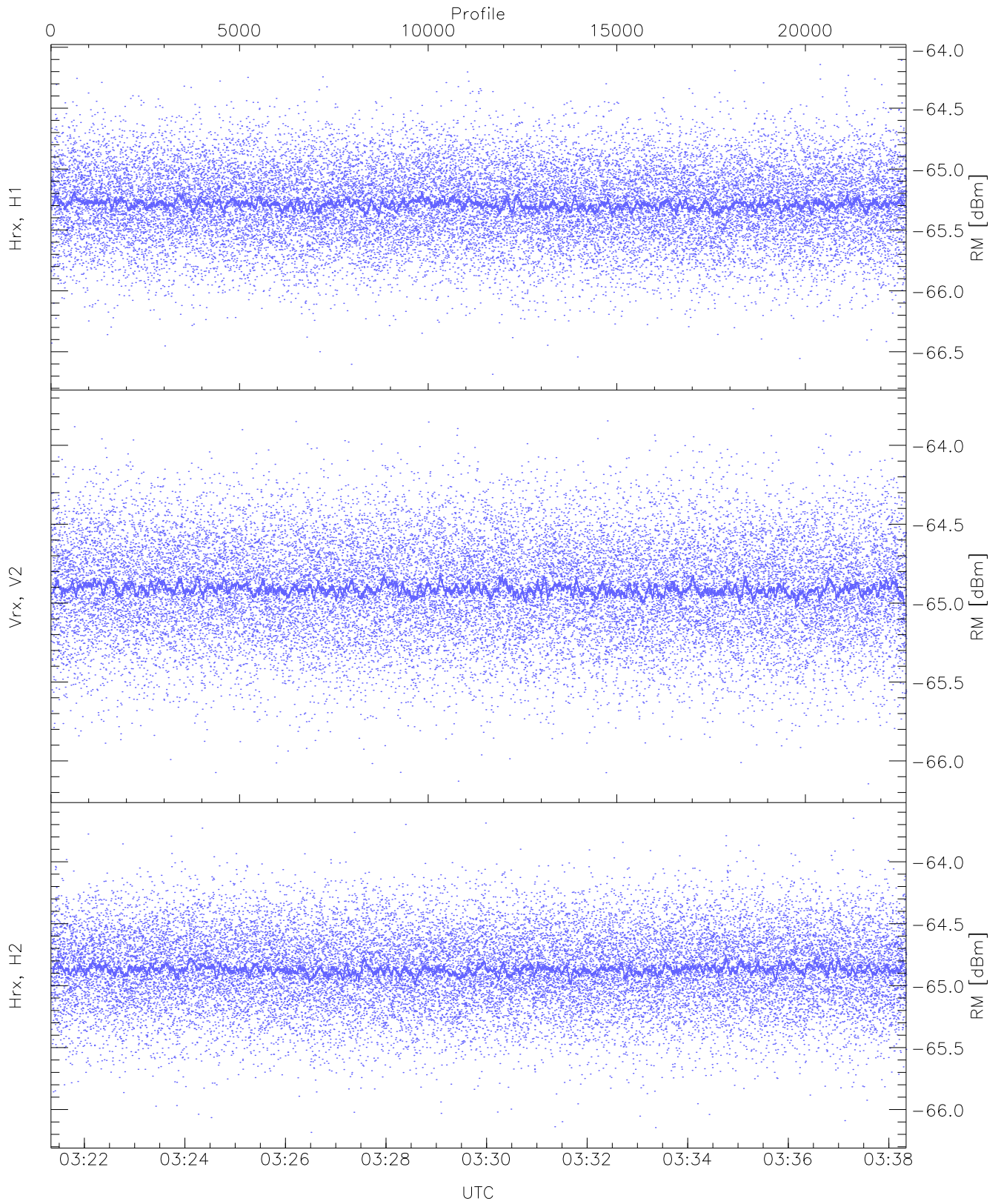
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.12	-63.74	-64.83	-64.84	-76.34
Vrx, V2 (WL [dBm])	-66.05	-63.65	-64.83	-64.83	-76.36
Hrx, H2 (WL [dBm])	-66.33	-63.64	-64.84	-64.84	-76.35



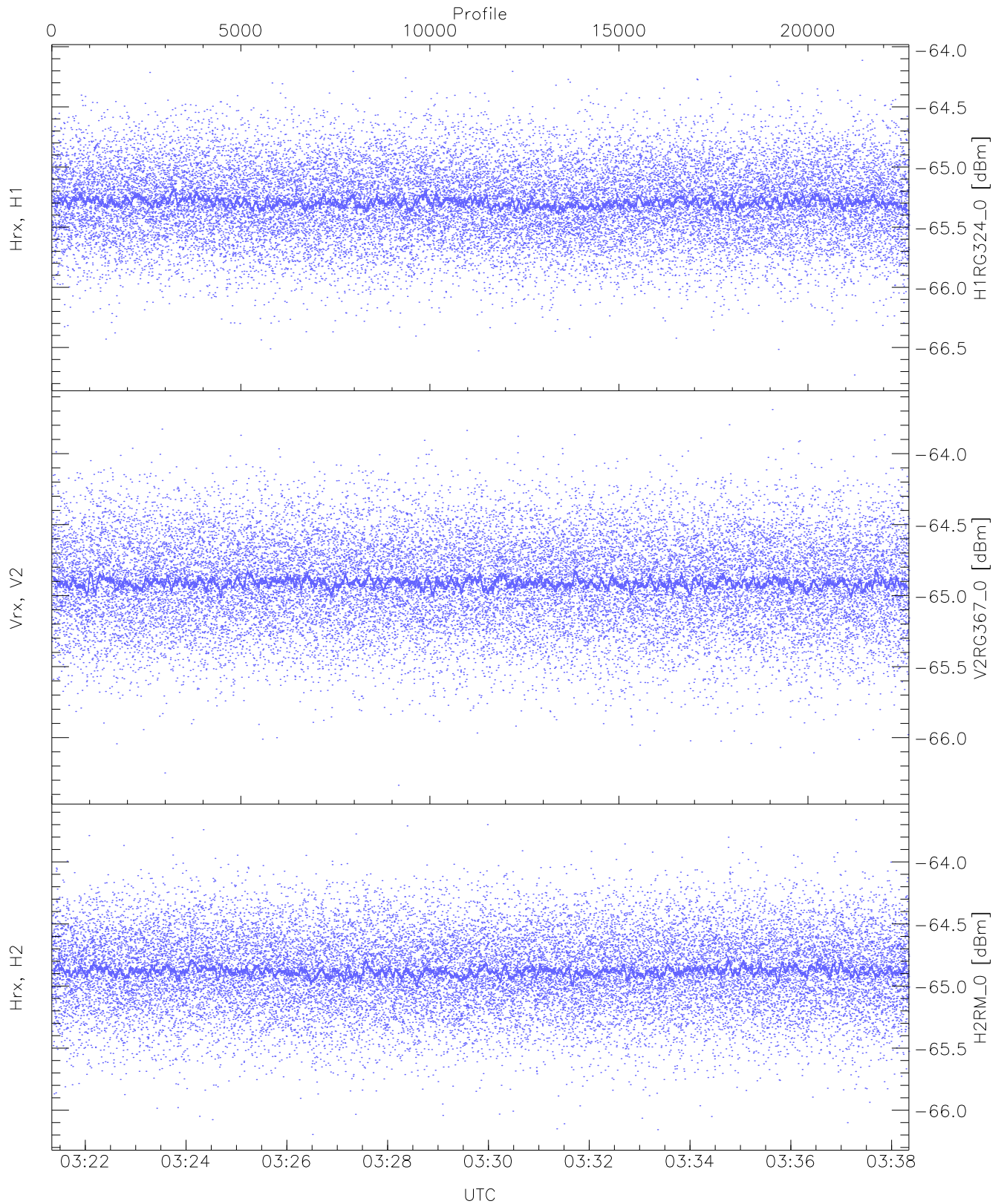
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.93	-63.46	-64.63	-64.64	-76.15
Vrx, V2 (HL [dBm])	-65.82	-63.33	-64.62	-64.63	-76.14
Hrx, H2 (HL [dBm])	-65.89	-63.47	-64.63	-64.64	-76.14



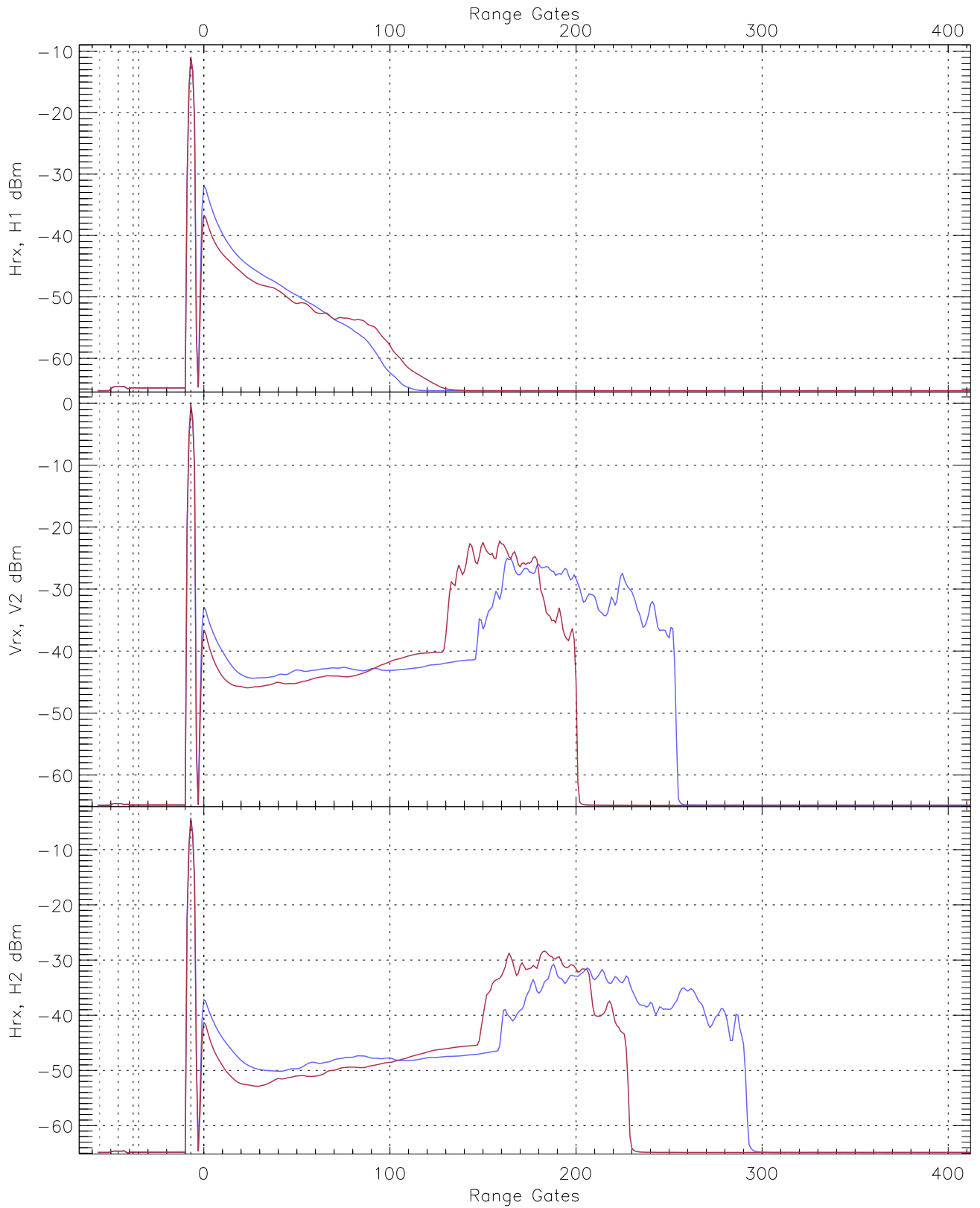
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.69	-64.11	-65.28	-65.29	-76.76
Vrx, V2 (RM [dBm])	-66.15	-63.77	-64.90	-64.91	-76.44
Hrx, H2 (RM [dBm])	-66.18	-63.65	-64.86	-64.87	-76.37

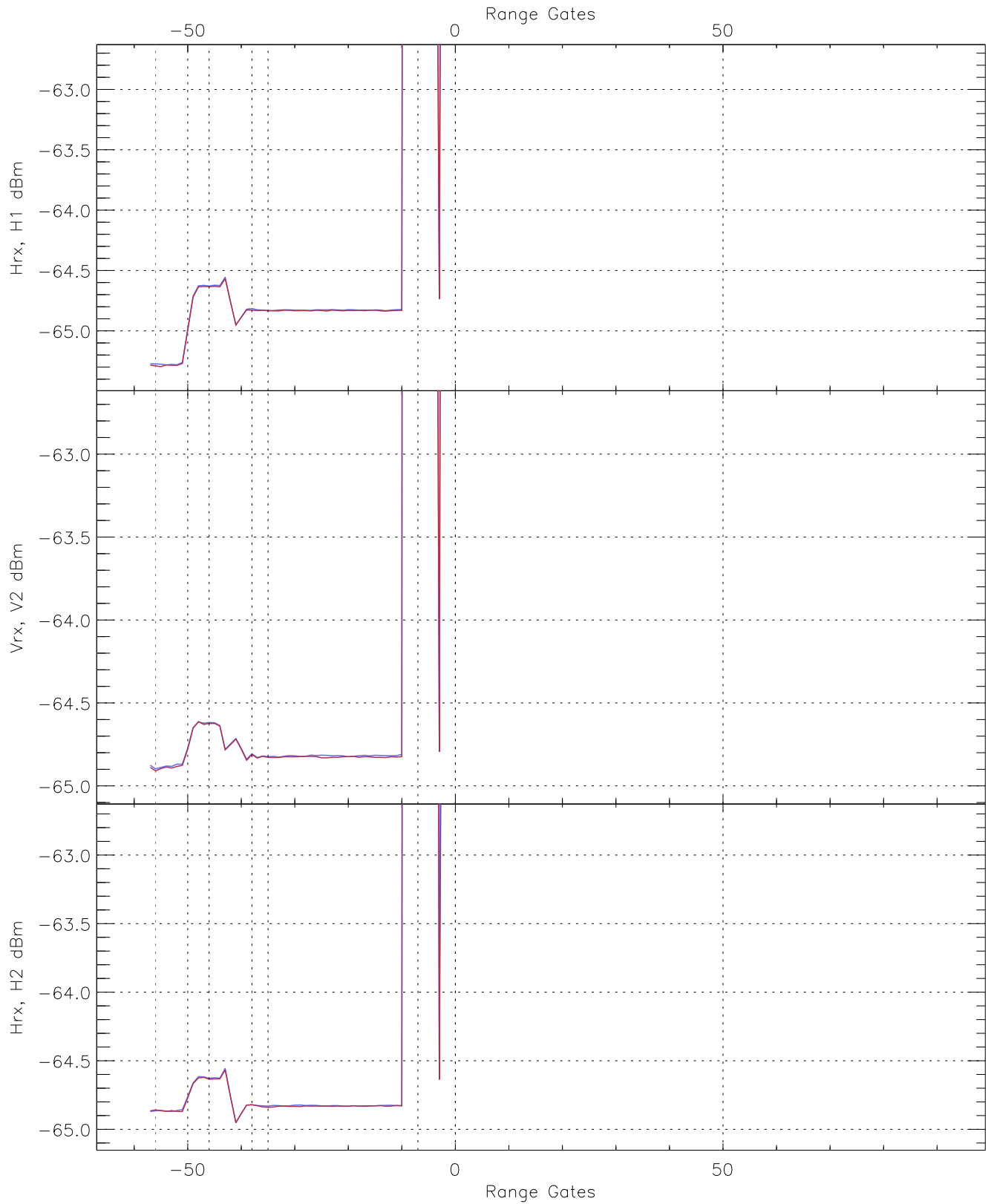


WCR3 CPP "Best" estimate Receivers Noise Power

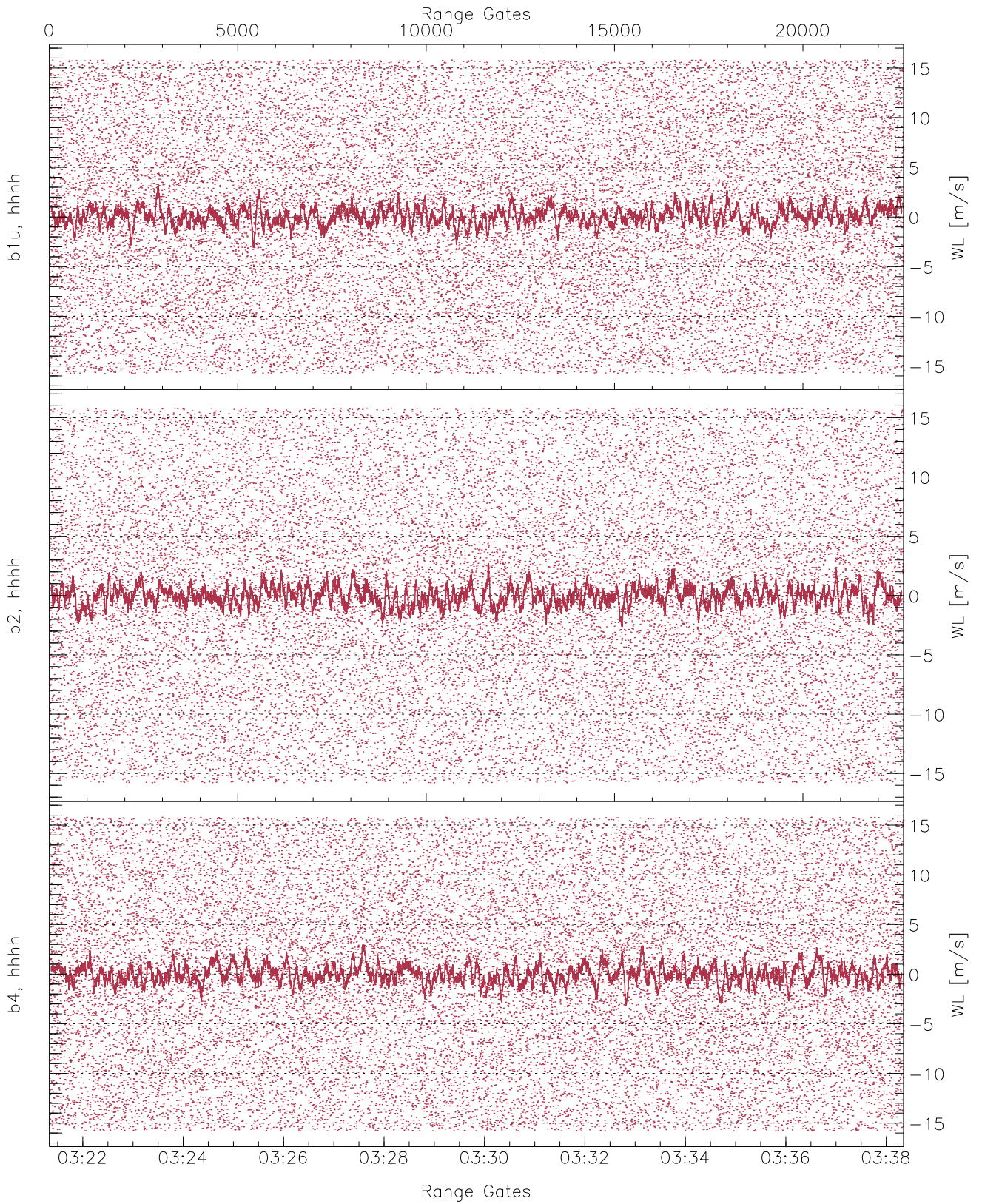
	Min	Max	Mean	Median	StDev
H1RG324_0 [dBm]	-66.73	-64.11	-65.29	-65.29	-76.77
V2RG367_0 [dBm]	-66.34	-63.69	-64.90	-64.91	-76.40
H2RM_0 [dBm]	-66.20	-63.66	-64.87	-64.88	-76.39



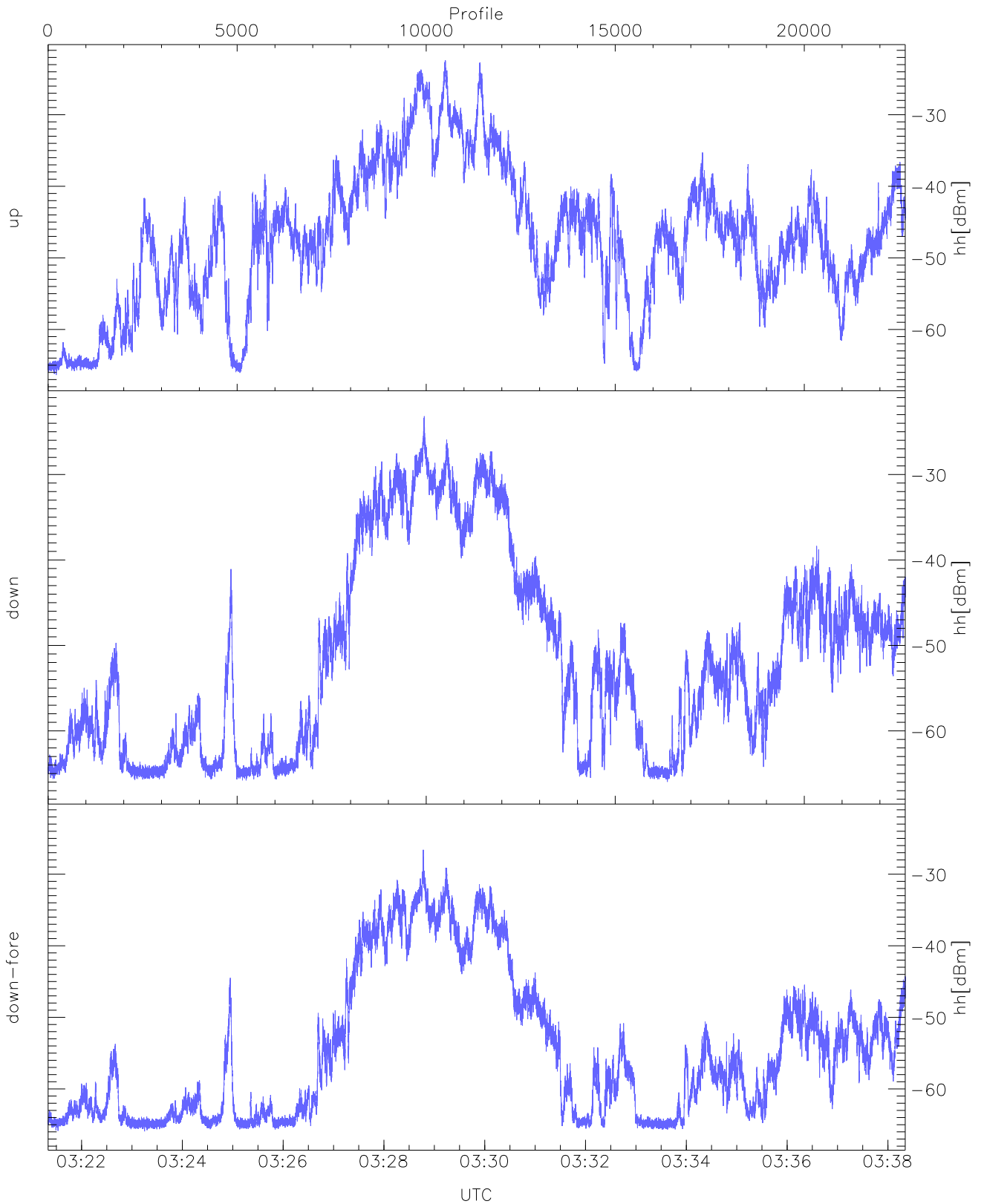
WCR3 CPP Averaged Received power for all recorded gates
blue: 032120-032950, 11337 profiles averaged
red: 032950-033821, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 032120-032950, 11337 profiles averaged
red: 032950-033821, 11336 profiles averaged

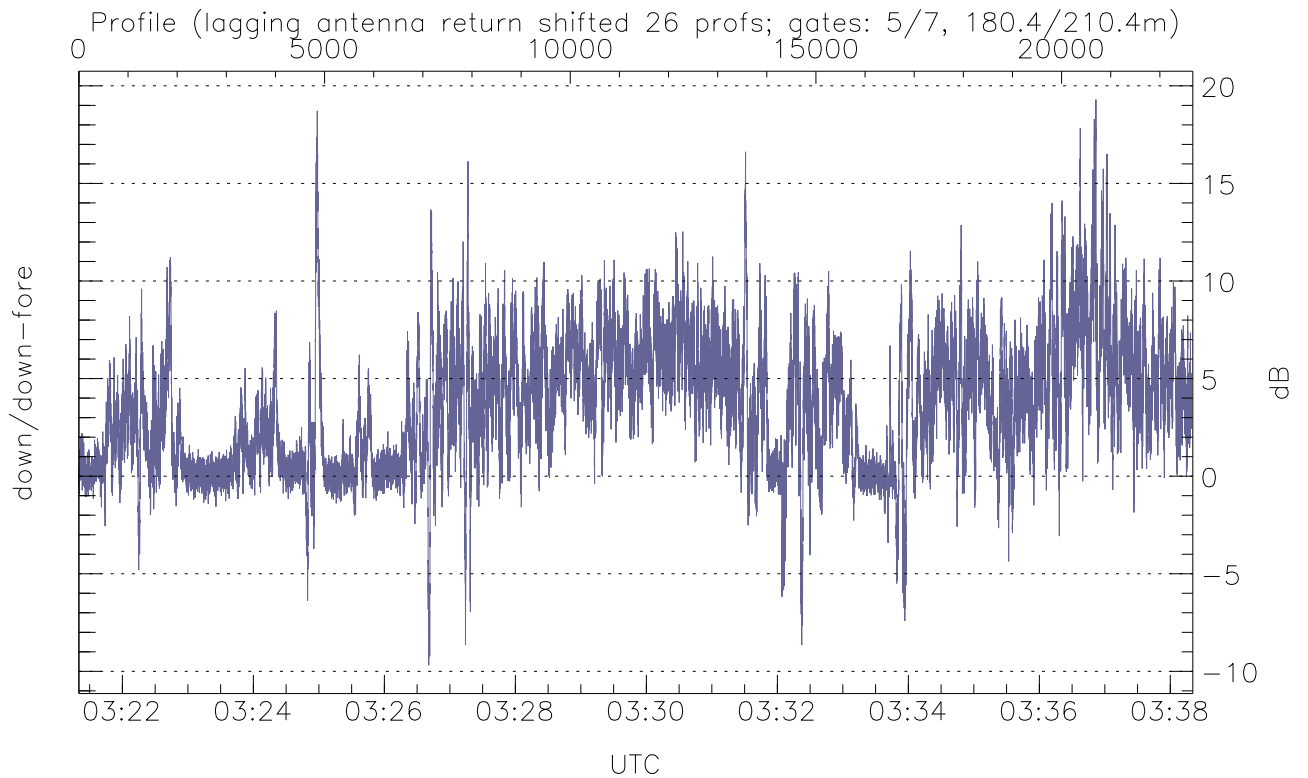
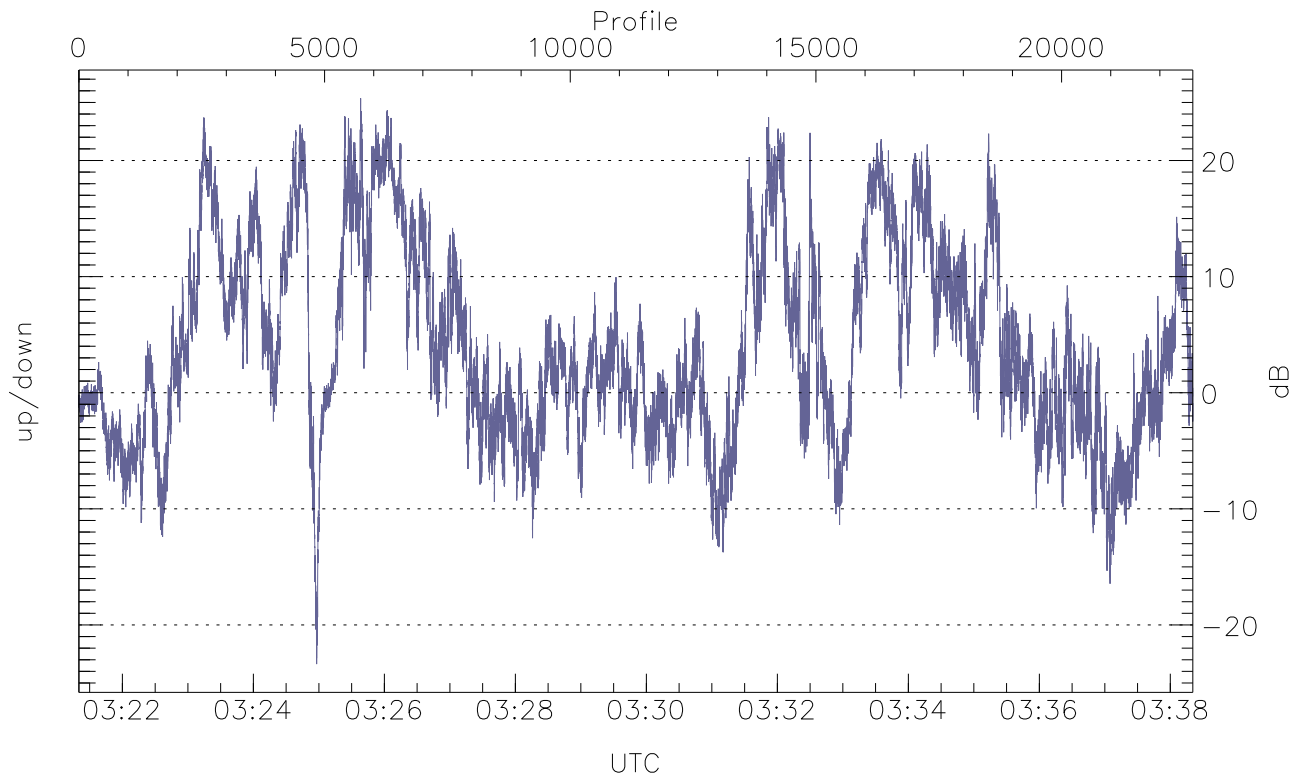


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



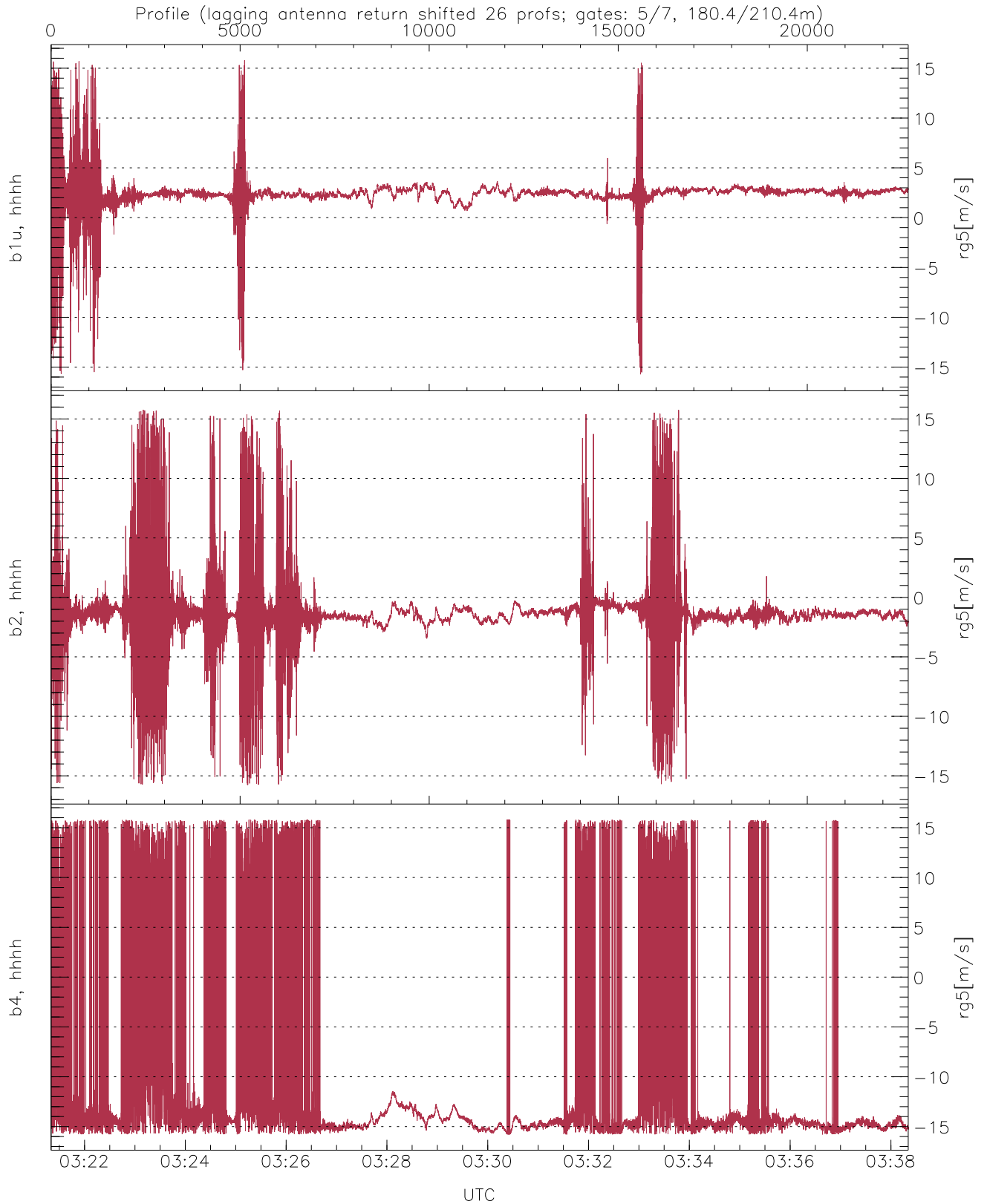
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.36	-22.40	-37.89
down(hh[dBm])	-65.96	-23.18	-38.65
down-fore(hh[dBm])	-65.93	-26.59	-42.85



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

	Min	Max	Mean
up/down (dB)	-23.37	25.35	4.14
down/down-fore (dB)	-9.69	19.30	3.63



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.71	15.79	2.37	1.53
b2, hhhh(rg5[m/s])	-15.76	15.77	-1.30	2.68
b4, hhhh(rg5[m/s])	-15.79	15.79	-10.74	8.56