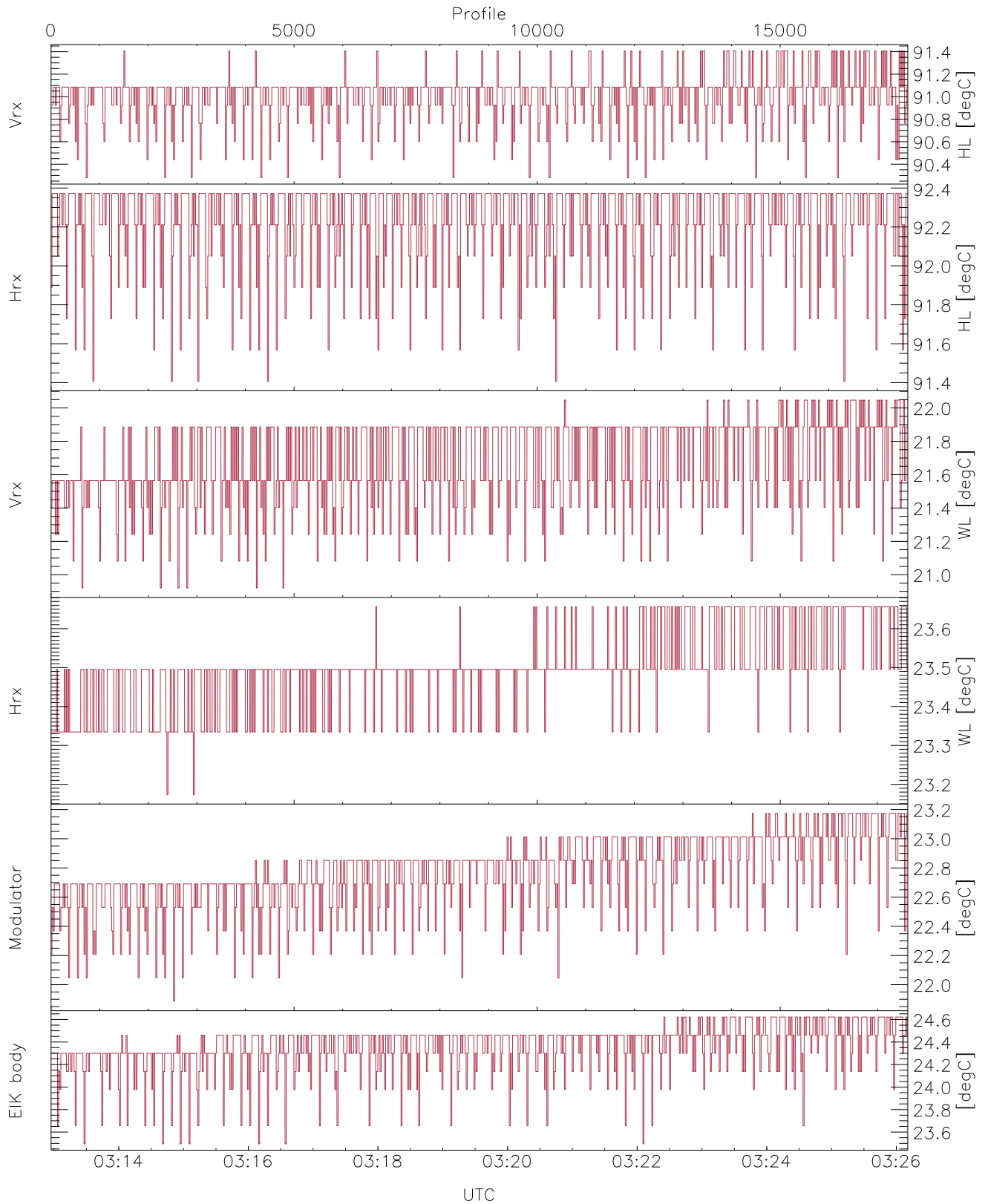




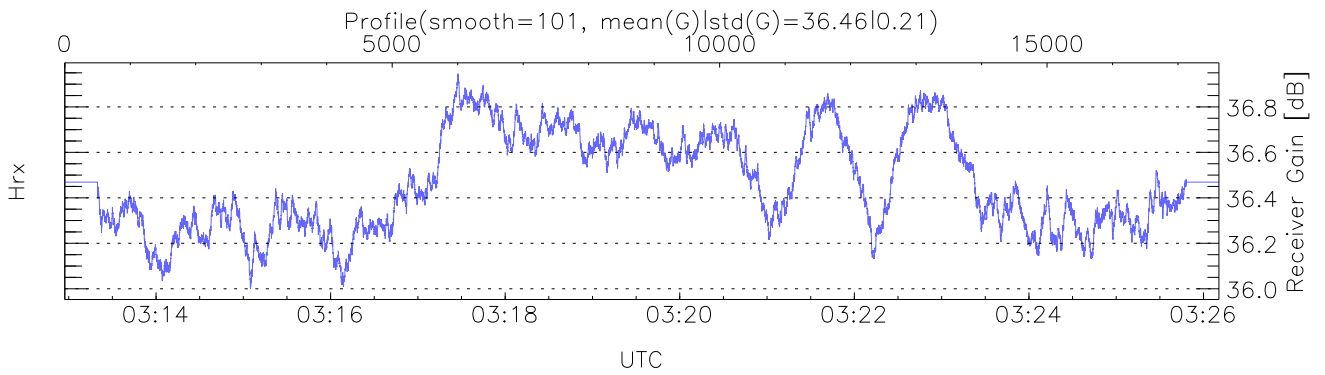
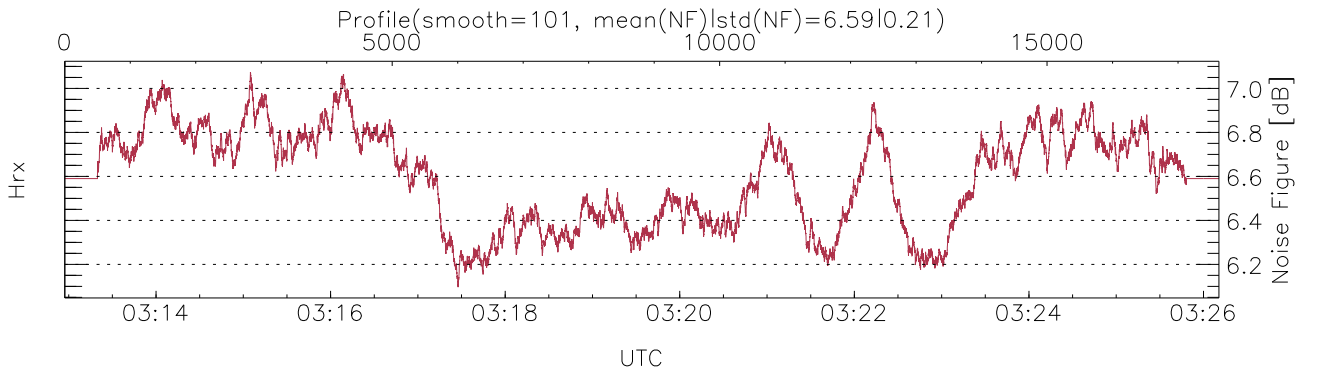
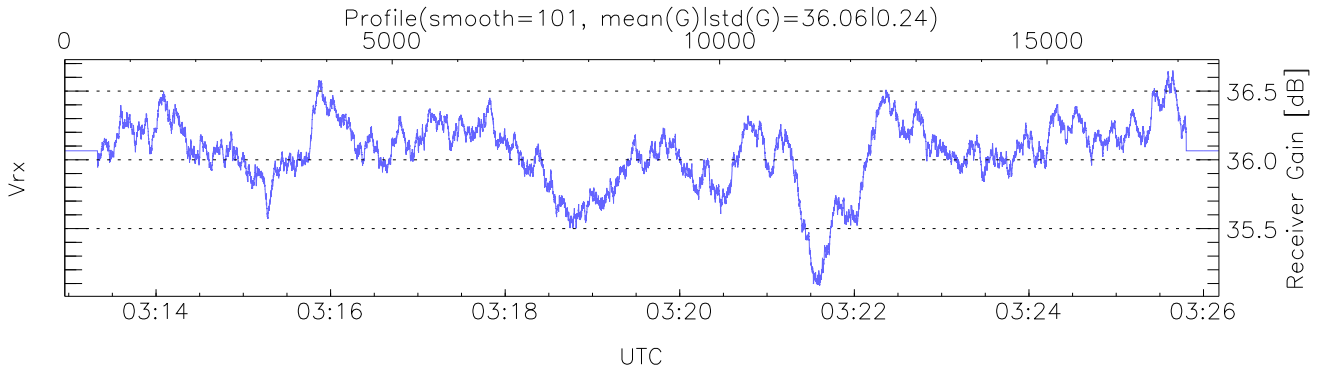
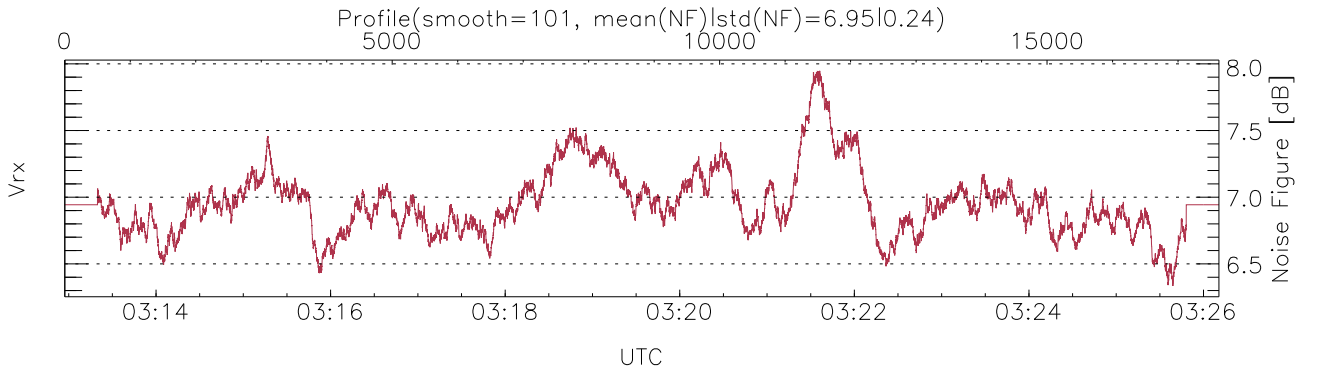
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 03:12:57-03:26:11, TimeCor: 0.00s, Dur: 793.32s
 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): 17626/17626, 0-17625/03:12:57-03:26:11
 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



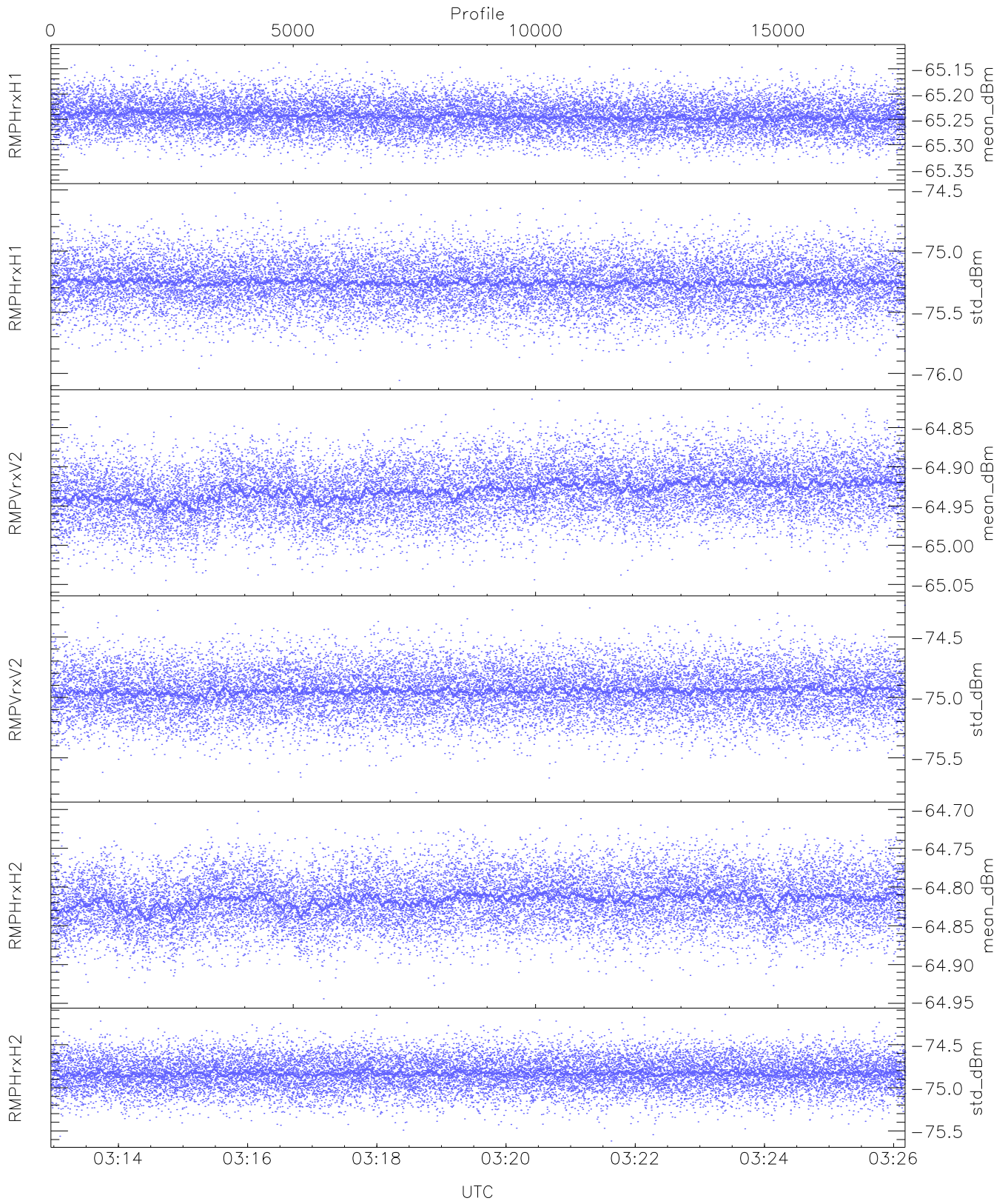
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,23,21,23
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,23,23,24
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



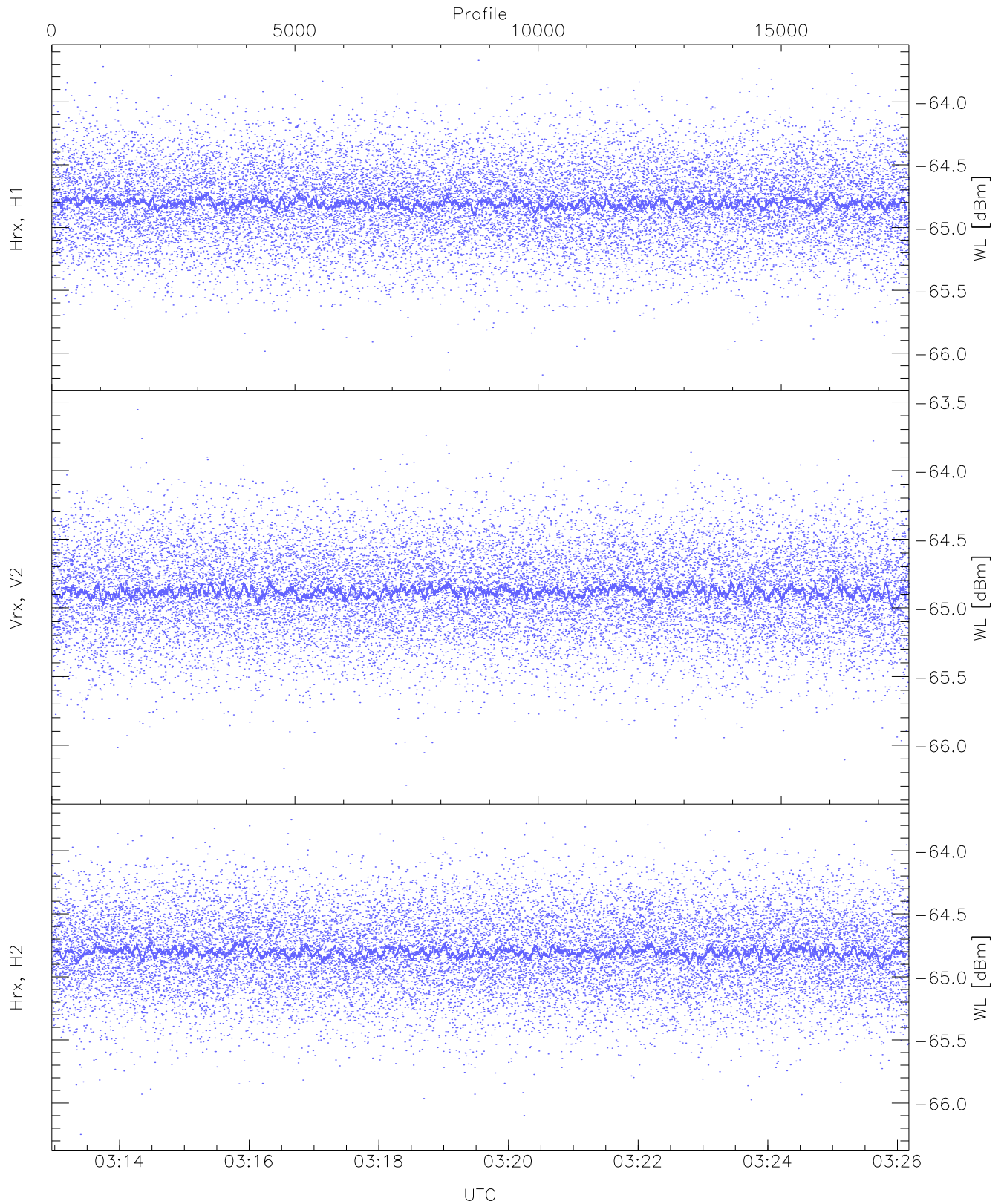
WCR3 CPP Receivers Gain and Noise Figure

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



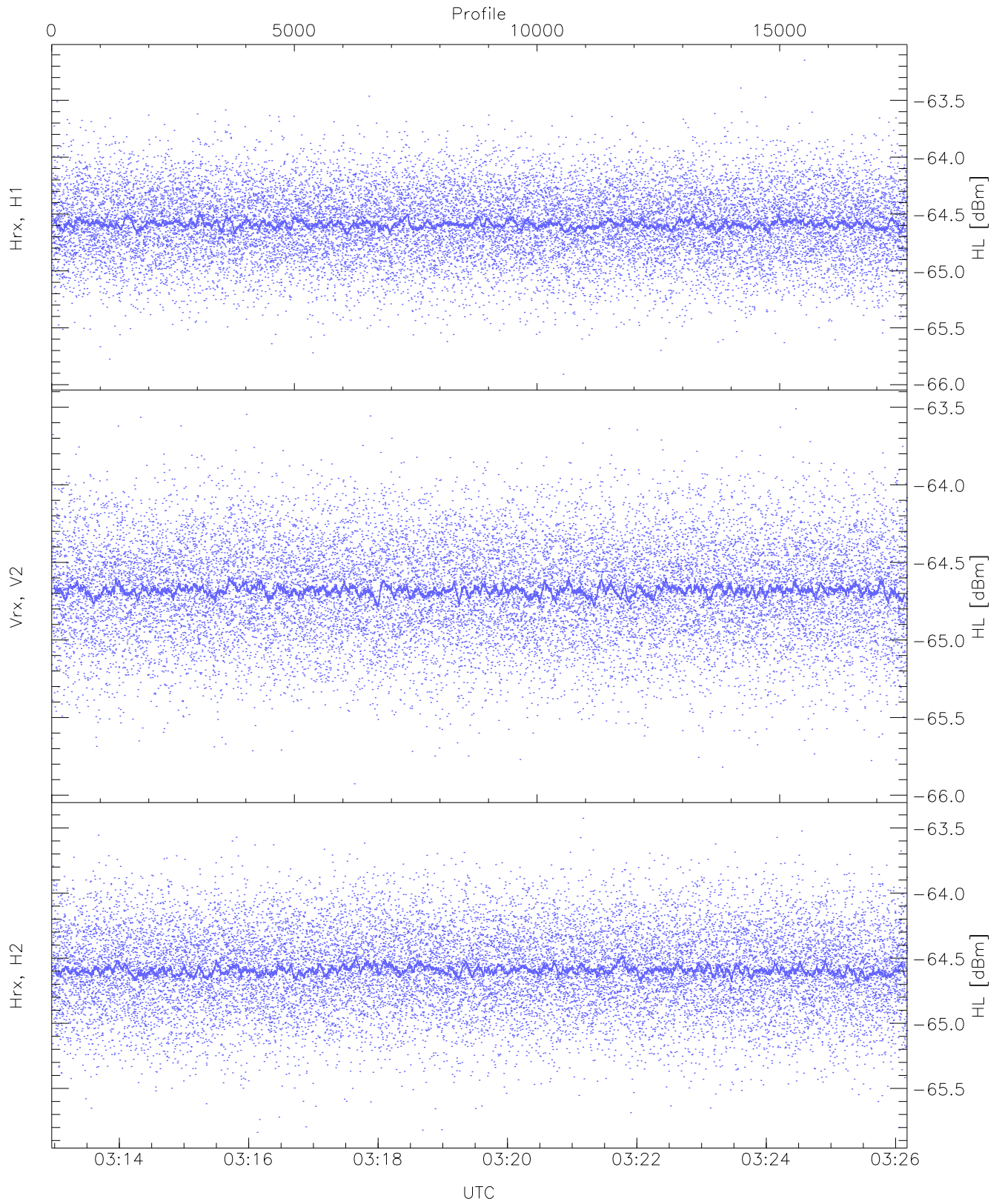
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.36	-65.11	-65.24	-65.24	-86.80
RMPHrxH1(std_dBm)	-76.06	-74.53	-75.26	-75.26	-89.06
RMPVrxV2(mean_dBm)	-65.05	-64.81	-64.93	-64.93	-86.33
RMPVrxV2(std_dBm)	-75.79	-74.24	-74.95	-74.95	-88.72
RMPHrxH2(mean_dBm)	-64.94	-64.70	-64.82	-64.82	-86.32
RMPHrxH2(std_dBm)	-75.62	-74.15	-74.83	-74.84	-88.67



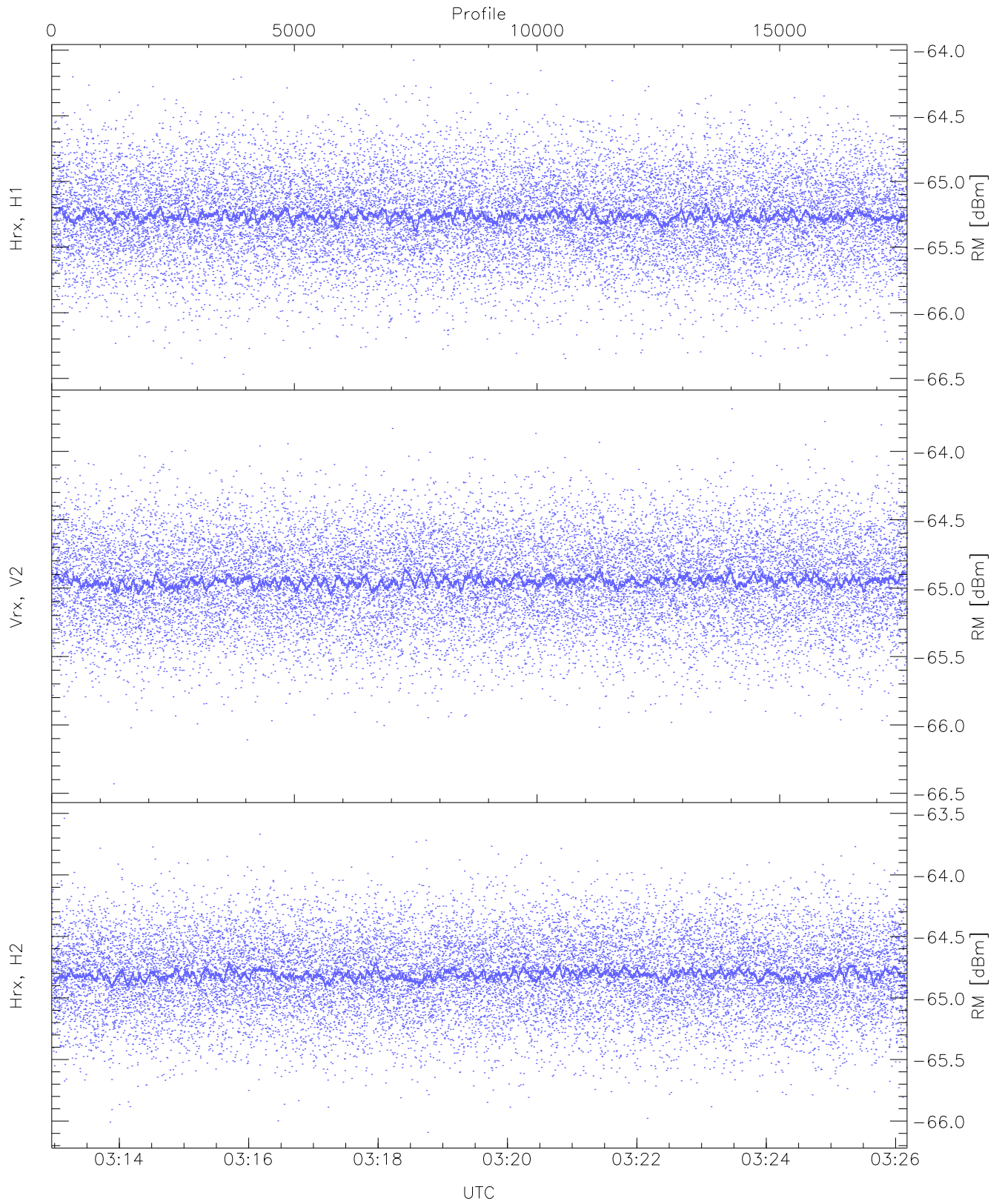
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.17	-63.67	-64.80	-64.80	-76.33
Vrx, V2 (WL [dBm])	-66.29	-63.55	-64.87	-64.88	-76.35
Hrx, H2 (WL [dBm])	-66.25	-63.75	-64.80	-64.80	-76.32



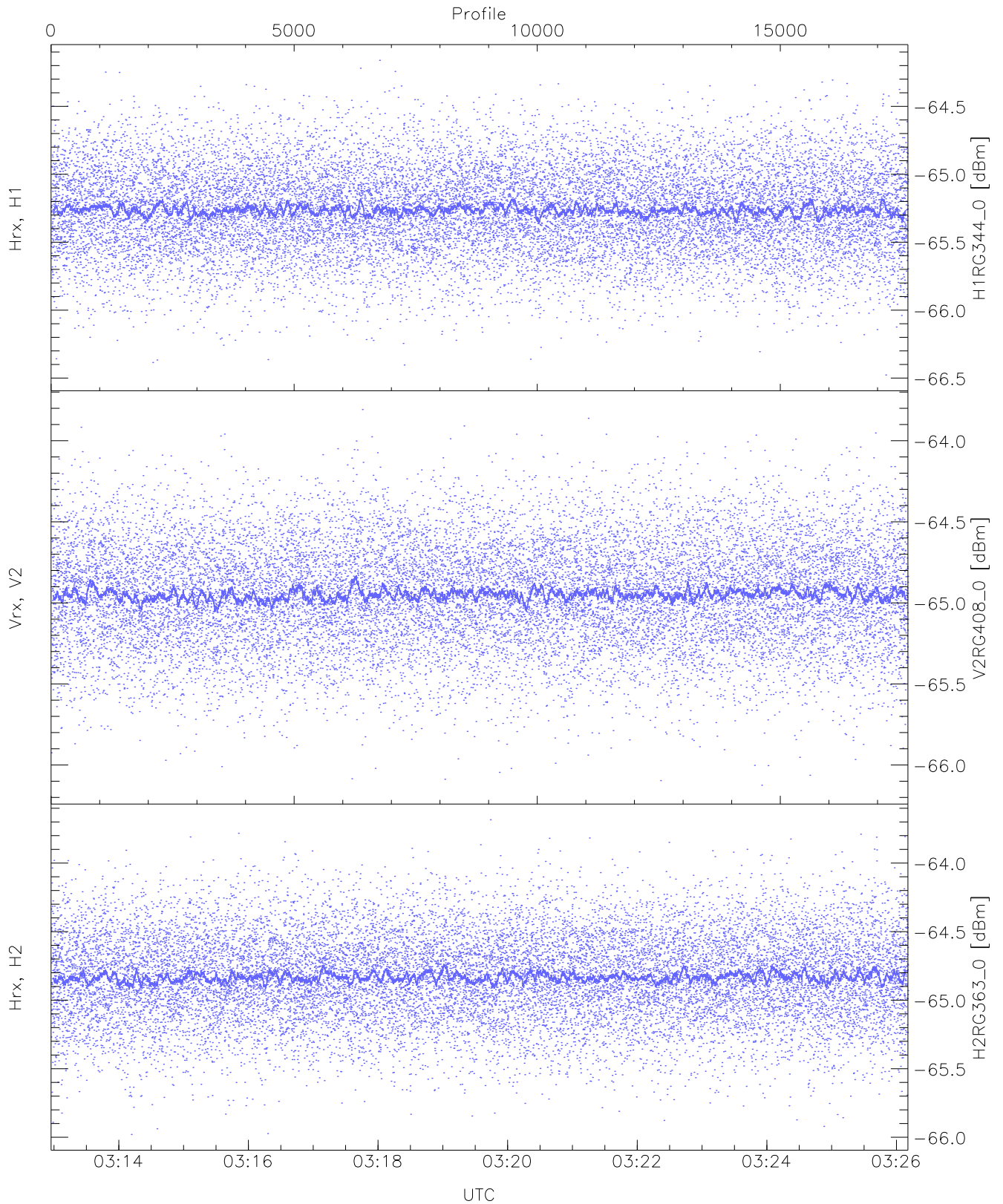
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.91	-63.15	-64.58	-64.59	-76.09
Vrx, V2 (HL [dBm])	-65.93	-63.51	-64.67	-64.68	-76.20
Hrx, H2 (HL [dBm])	-65.84	-63.43	-64.58	-64.59	-76.06



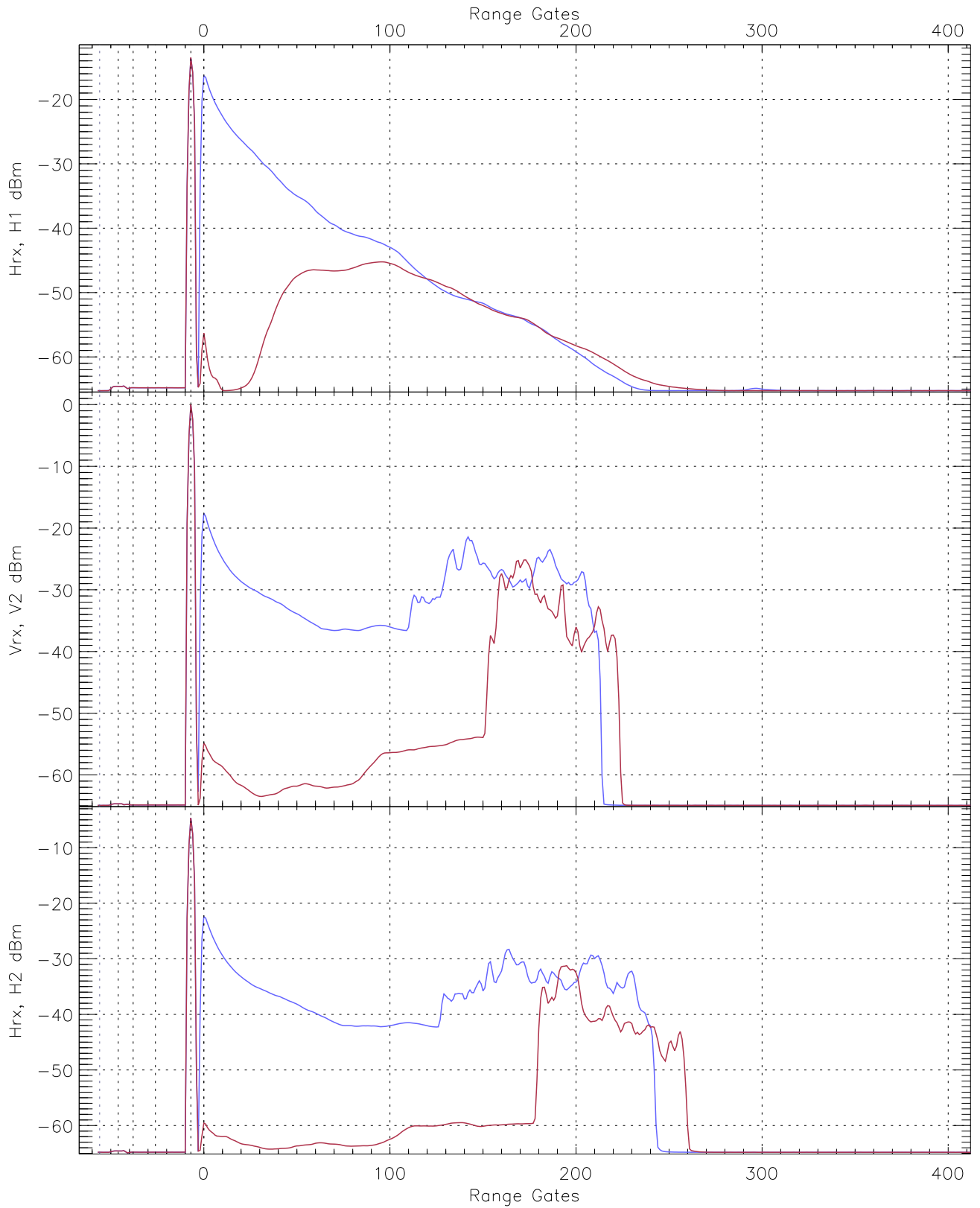
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.47	-64.08	-65.26	-65.27	-76.73
Vrx, V2 (RM [dBm])	-66.43	-63.69	-64.94	-64.95	-76.46
Hrx, H2 (RM [dBm])	-66.09	-63.54	-64.80	-64.81	-76.33

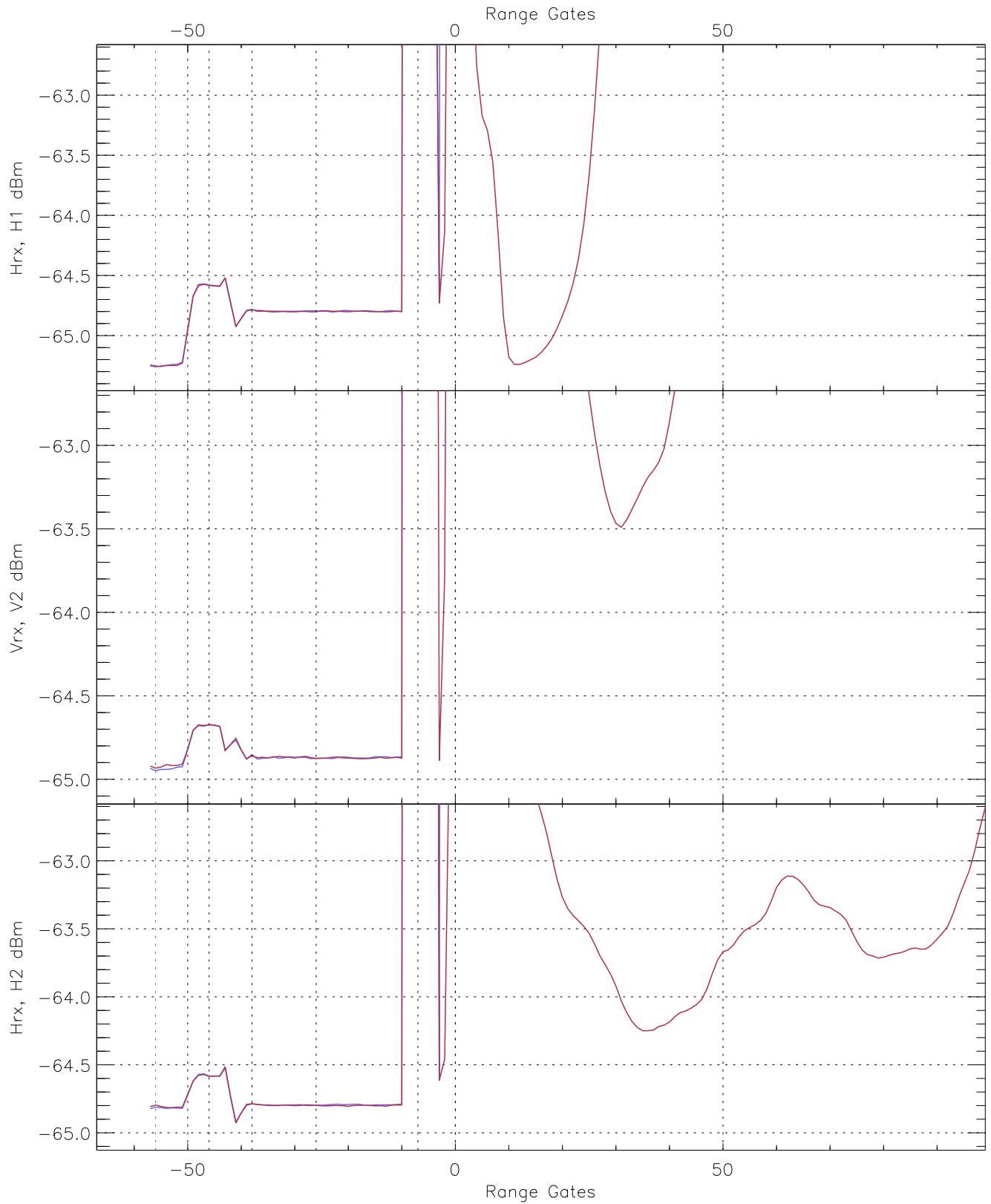


WCR3 CPP "Best" estimate Receivers Noise Power

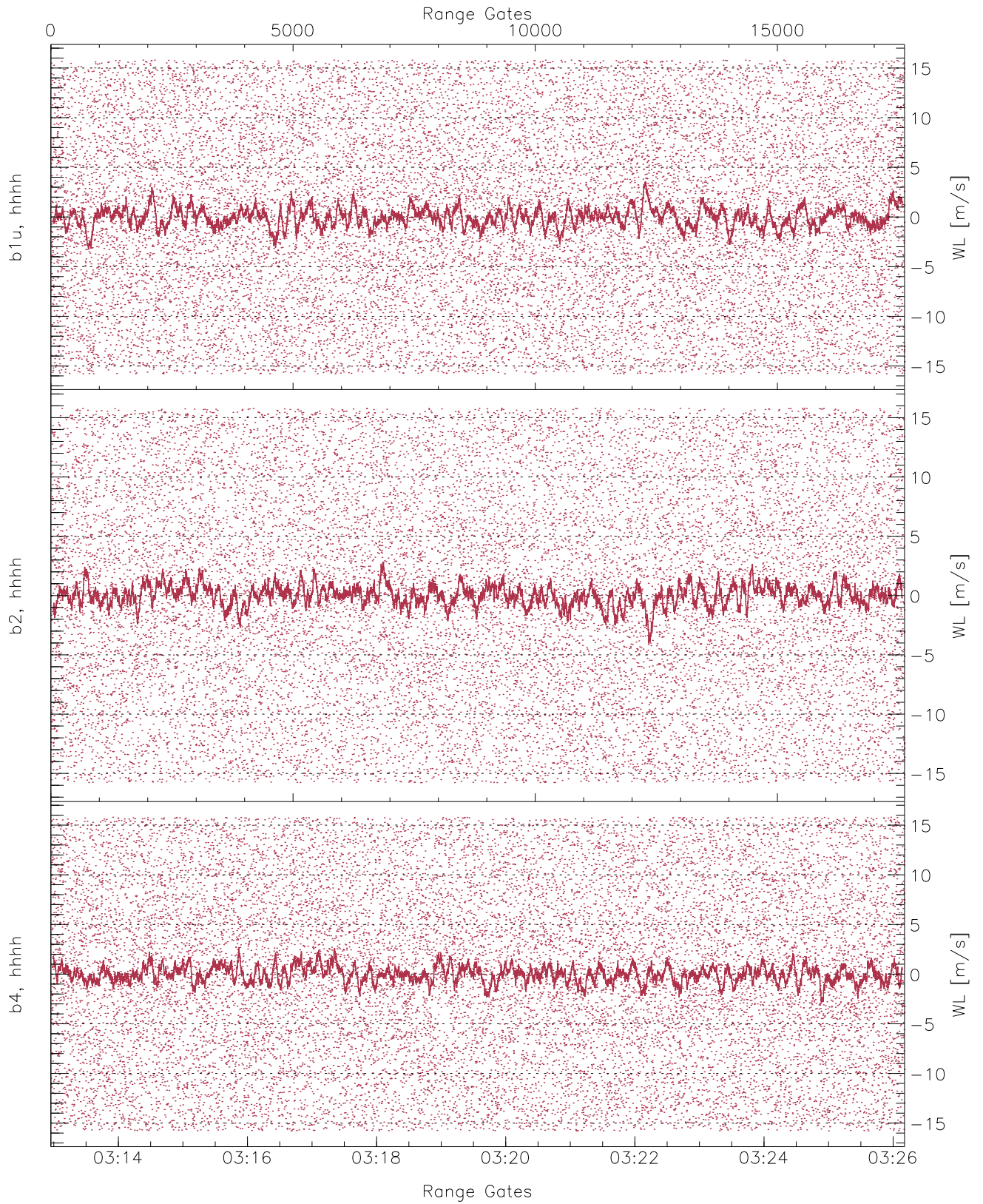
	Min	Max	Mean	Median	StDev
H1RG344_0 [dBm]	-66.48	-64.16	-65.26	-65.27	-76.79
V2RG408_0 [dBm]	-66.12	-63.81	-64.94	-64.95	-76.46
H2RG363_0 [dBm]	-65.98	-63.68	-64.82	-64.83	-76.35



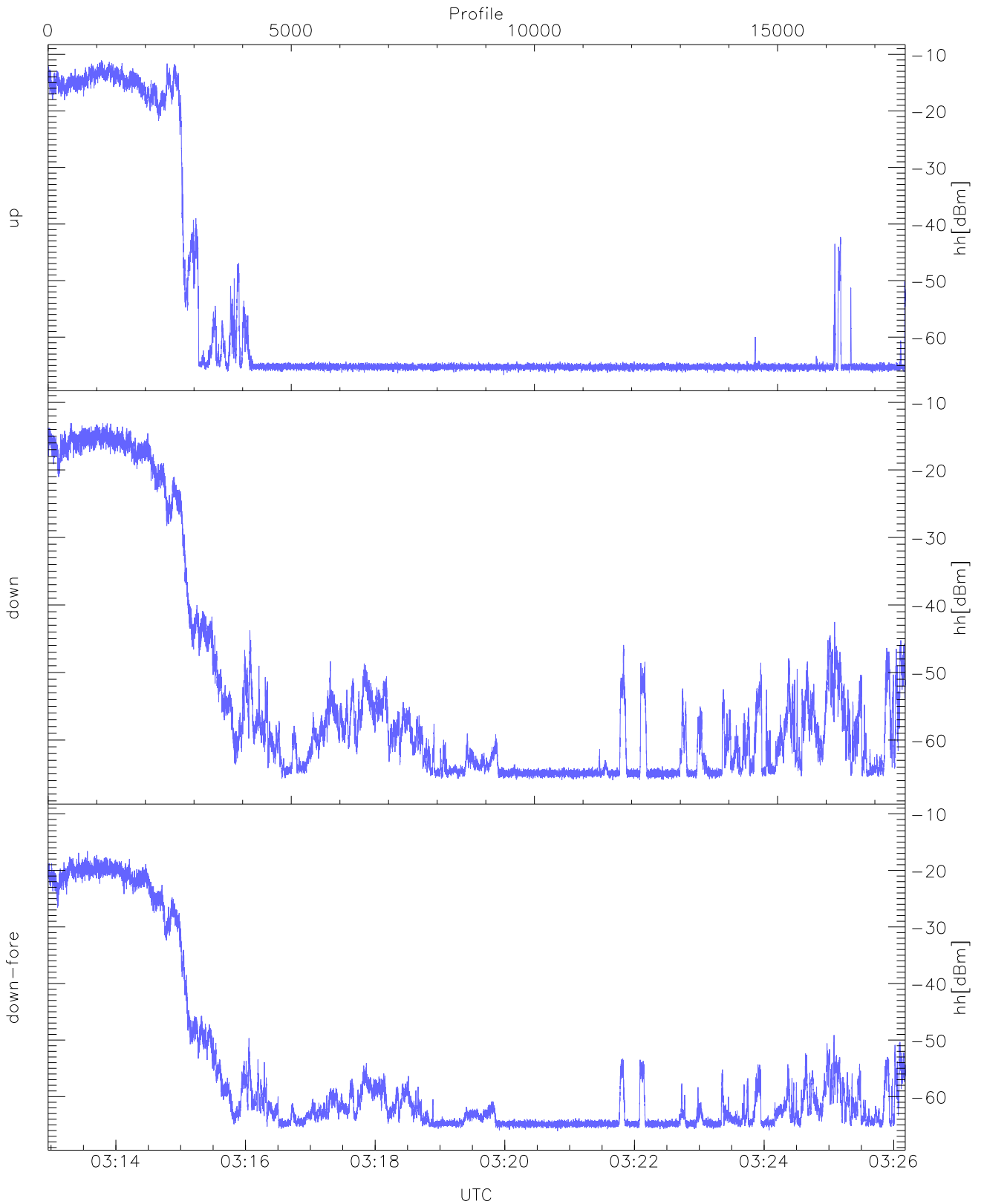
WCR3 CPP Averaged Received power for all recorded gates
blue: 031257-031934, 8814 profiles averaged
red: 031934-032611, 8813 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 031257-031934, 8814 profiles averaged
red: 031934-032611, 8813 profiles averaged

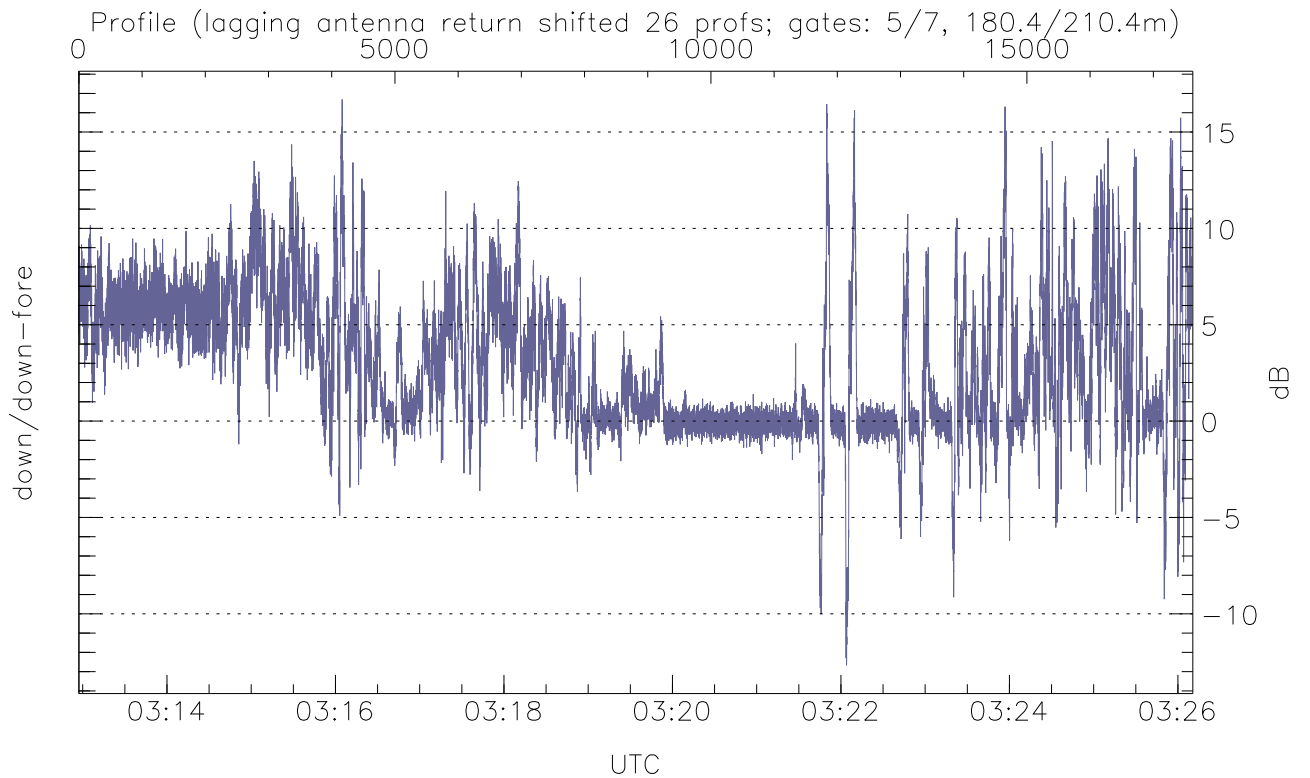
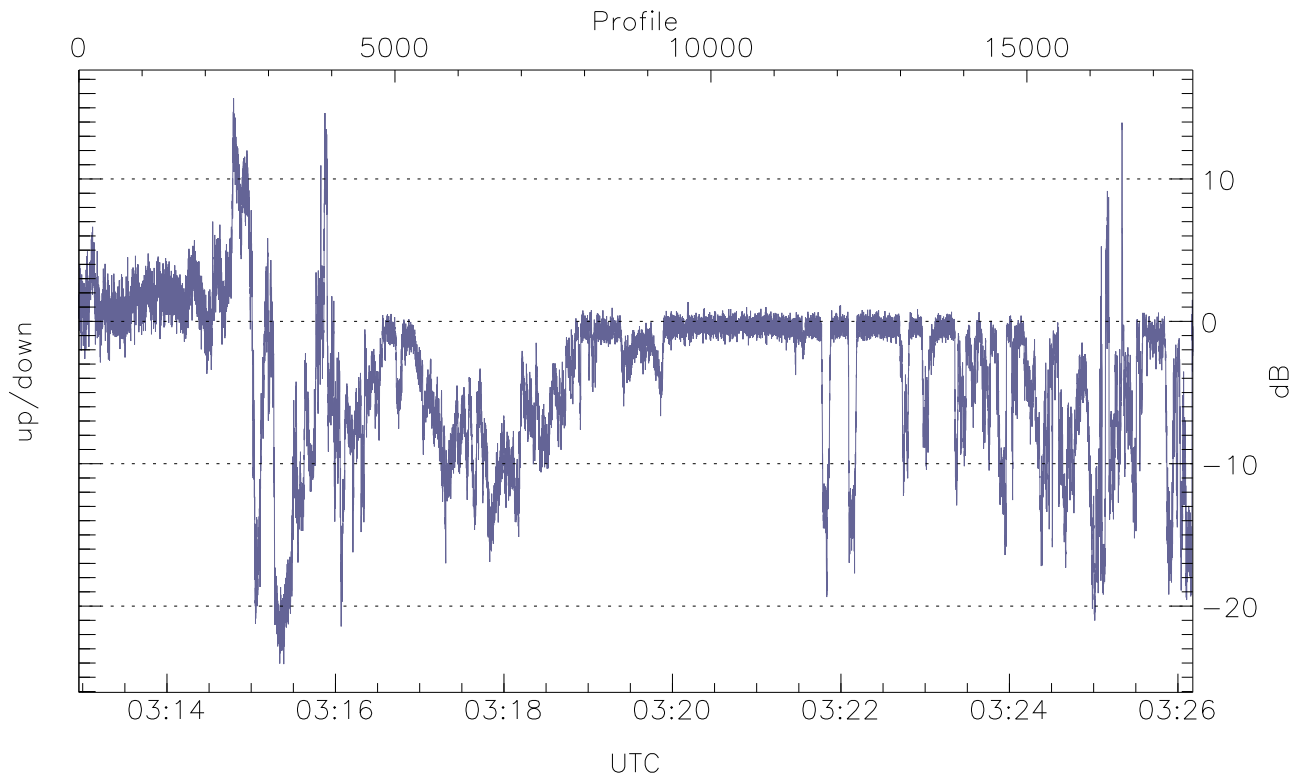


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



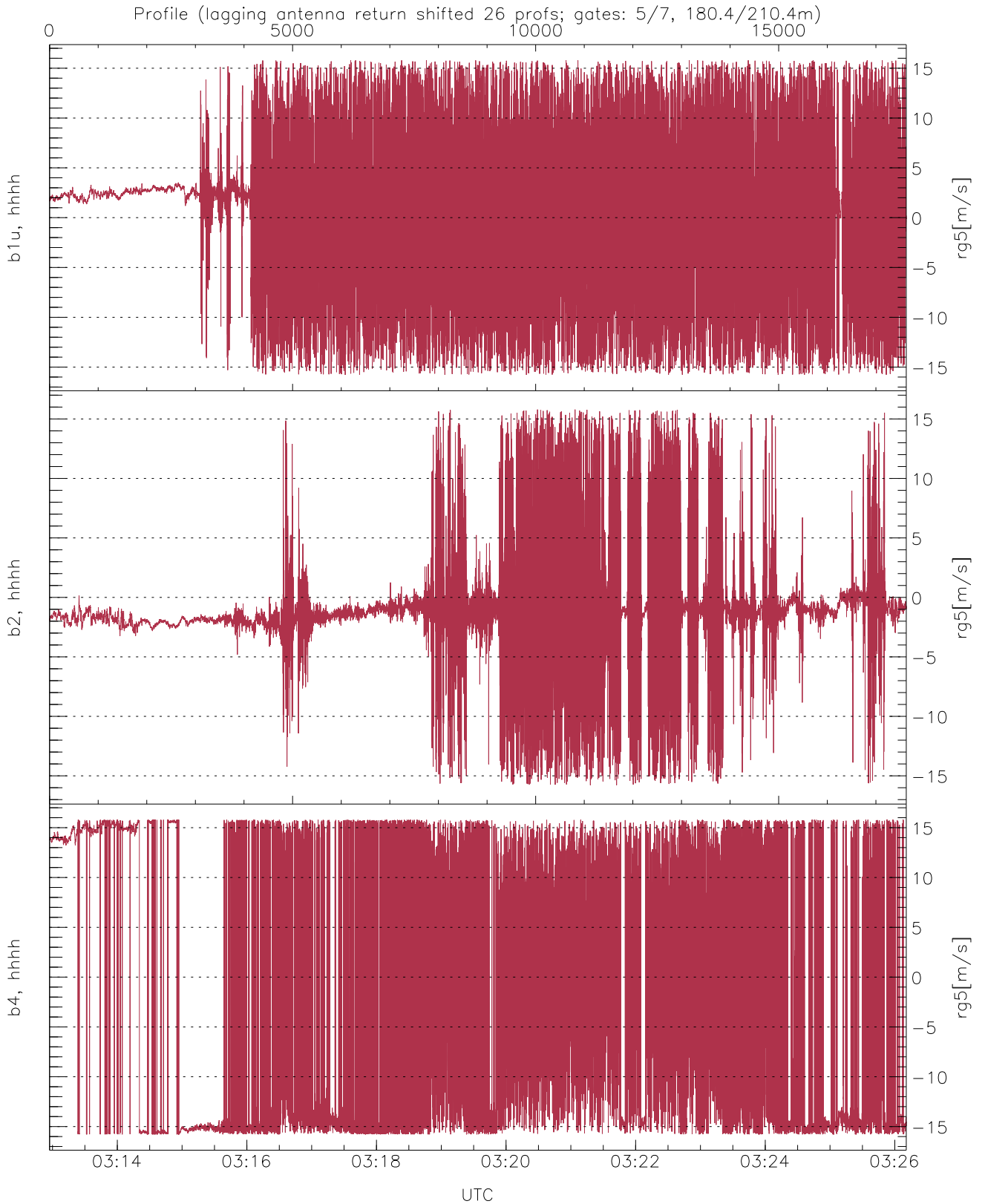
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.69	-11.06	-22.87
down(hh[dBm])	-65.94	-13.08	-24.82
down-fore(hh[dBm])	-66.12	-16.60	-29.24



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

	Min	Max	Mean
up/down (dB)	-24.07	15.67	-3.59
down/down-fore (dB)	-12.67	16.69	3.00



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	0.60	7.58
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.05	4.46
b4, hhhh(rg5[m/s])	-15.79	15.79	-3.03	12.87