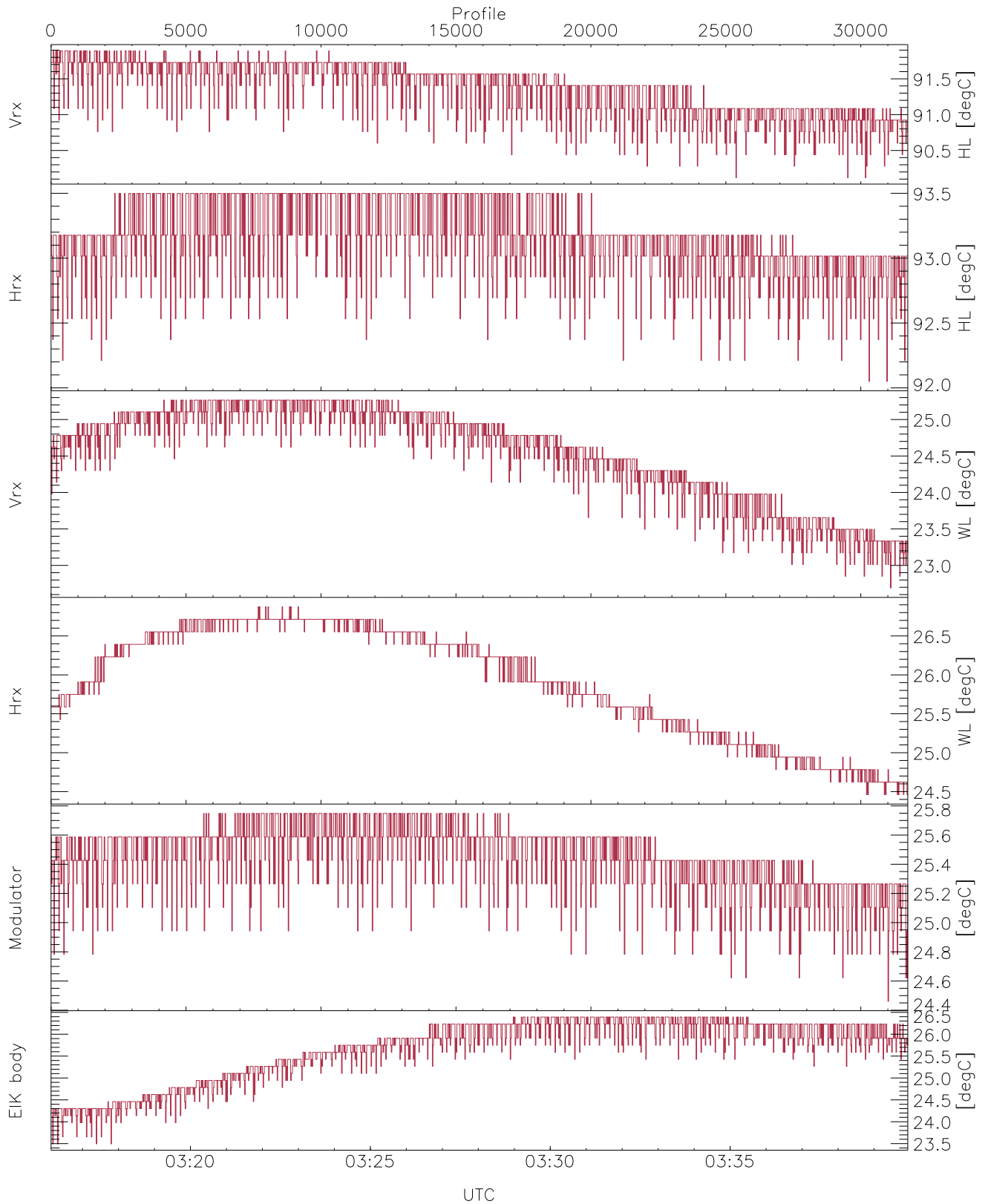


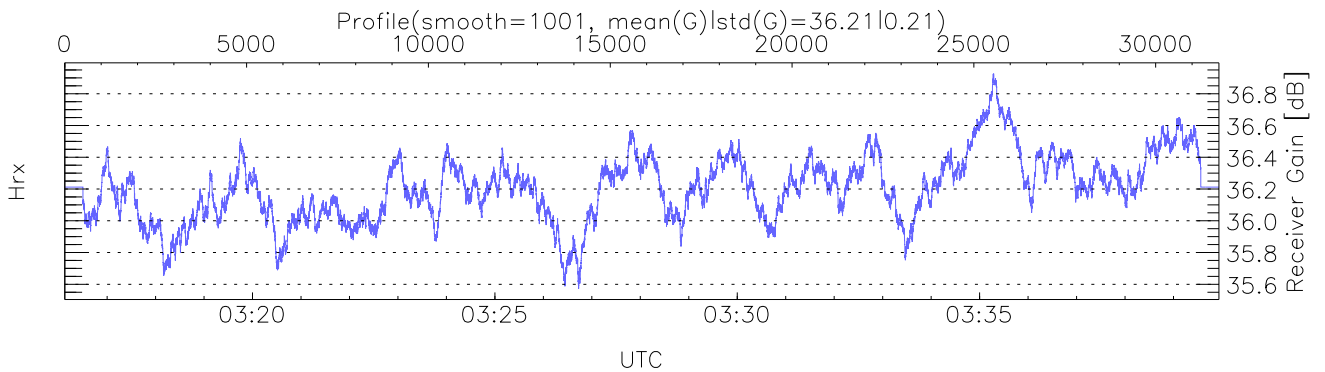
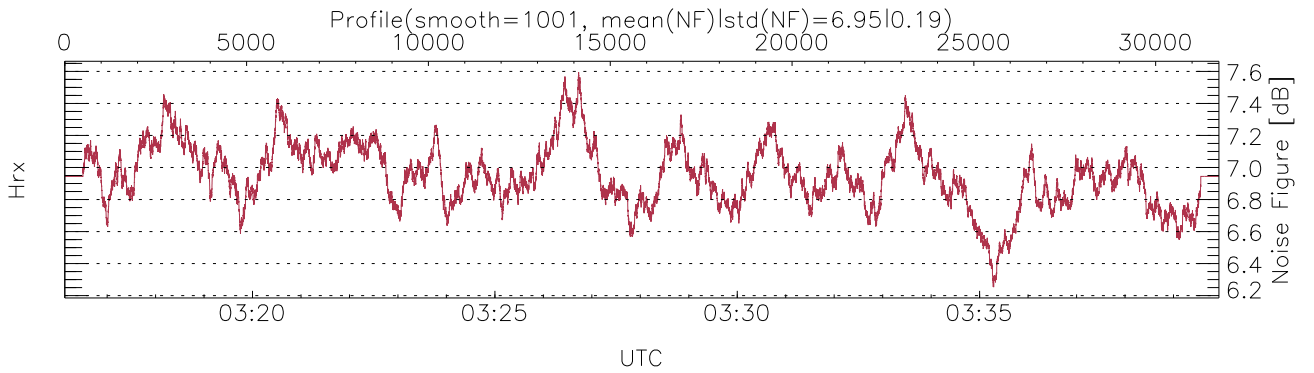
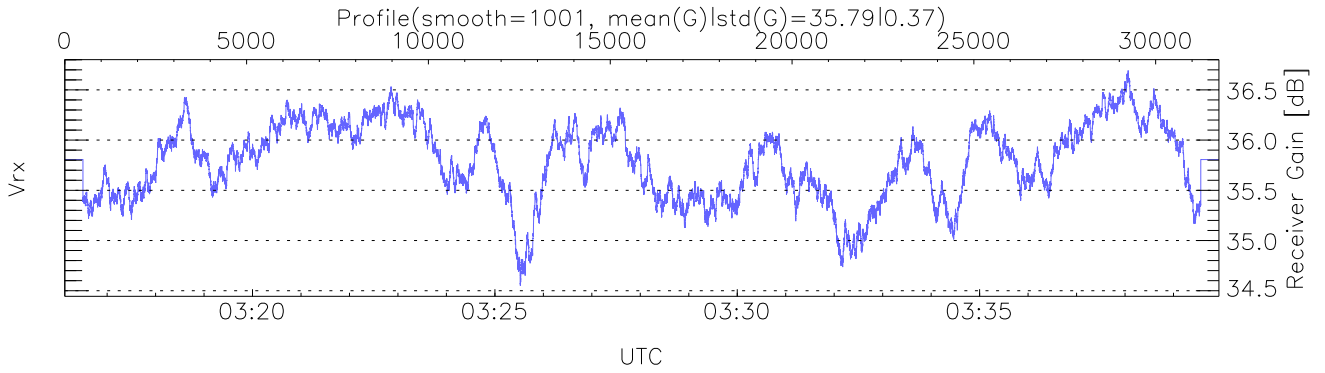
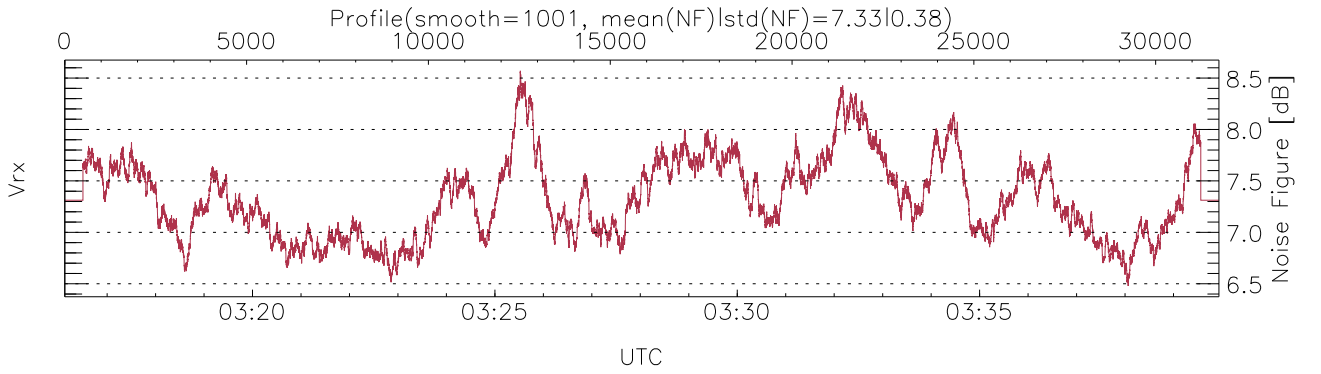
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 03:16:08-03:39:56, 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, 0-31740/03:16:08-03:39:56
 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



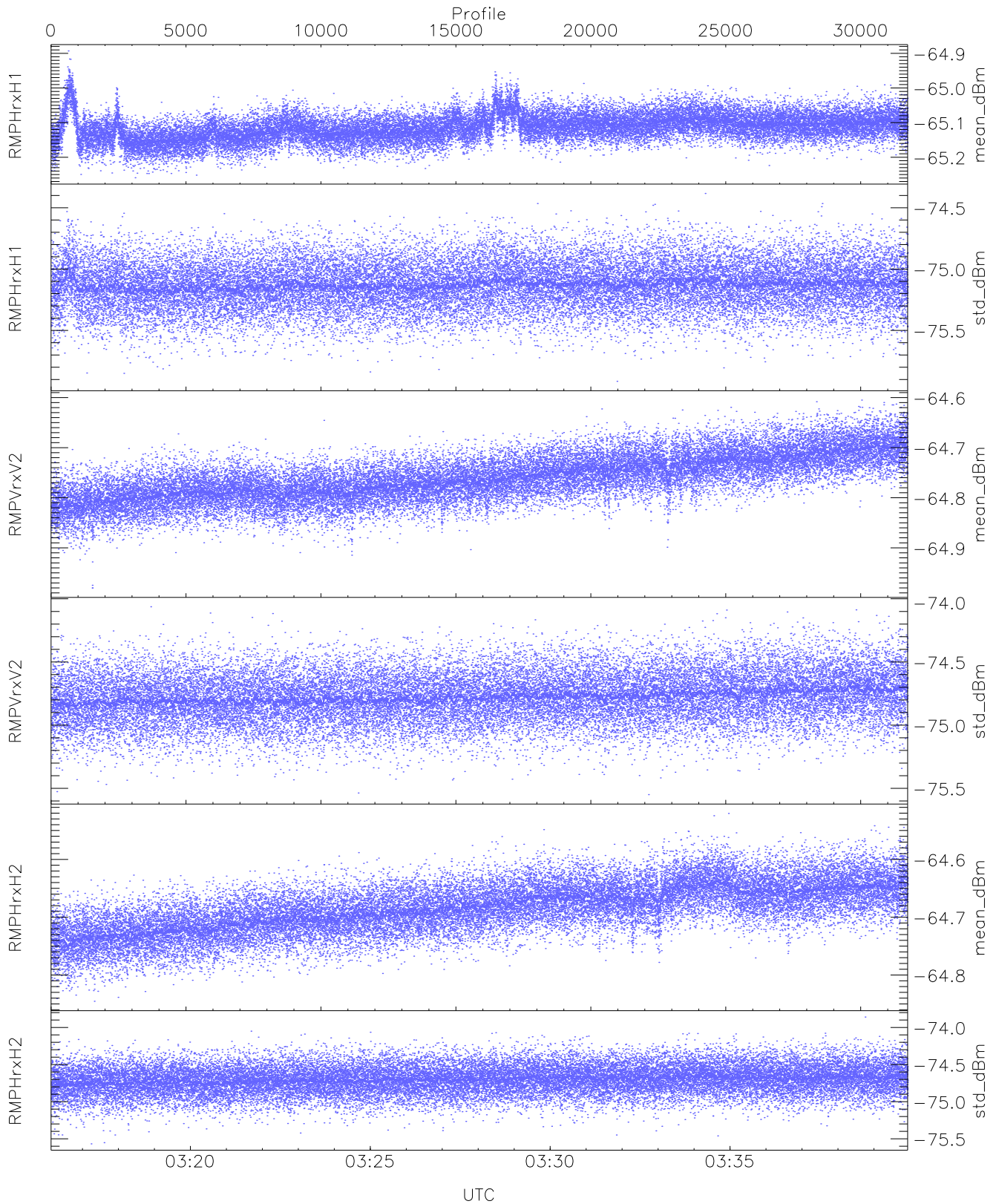
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,24,24,23
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,25,26,25,26
 LOalarm(20,240,2817,14861 MHz): None
 EIK/Modulator Faults: None



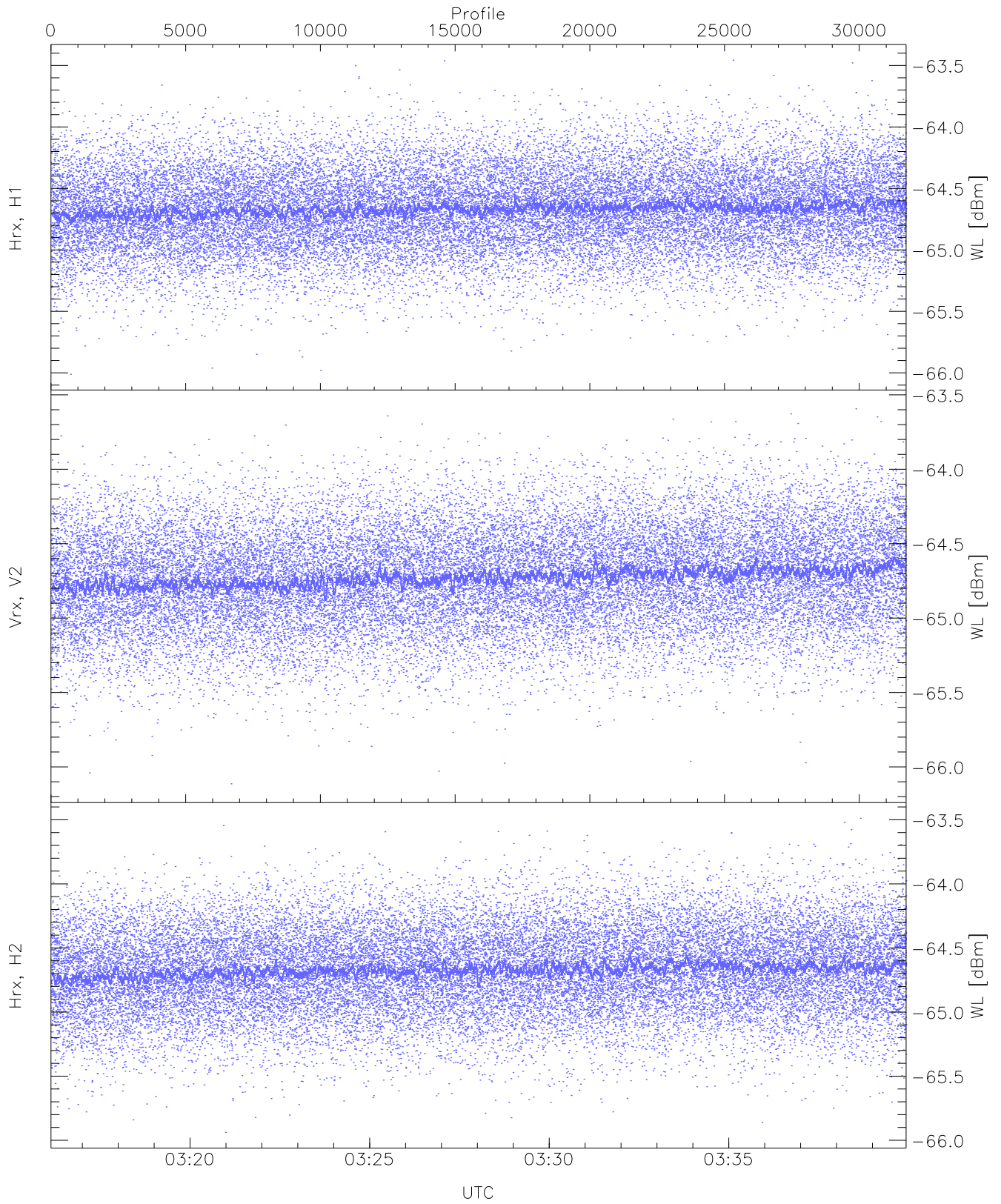
WCR3 CPP Receivers Gain and Noise Figure

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



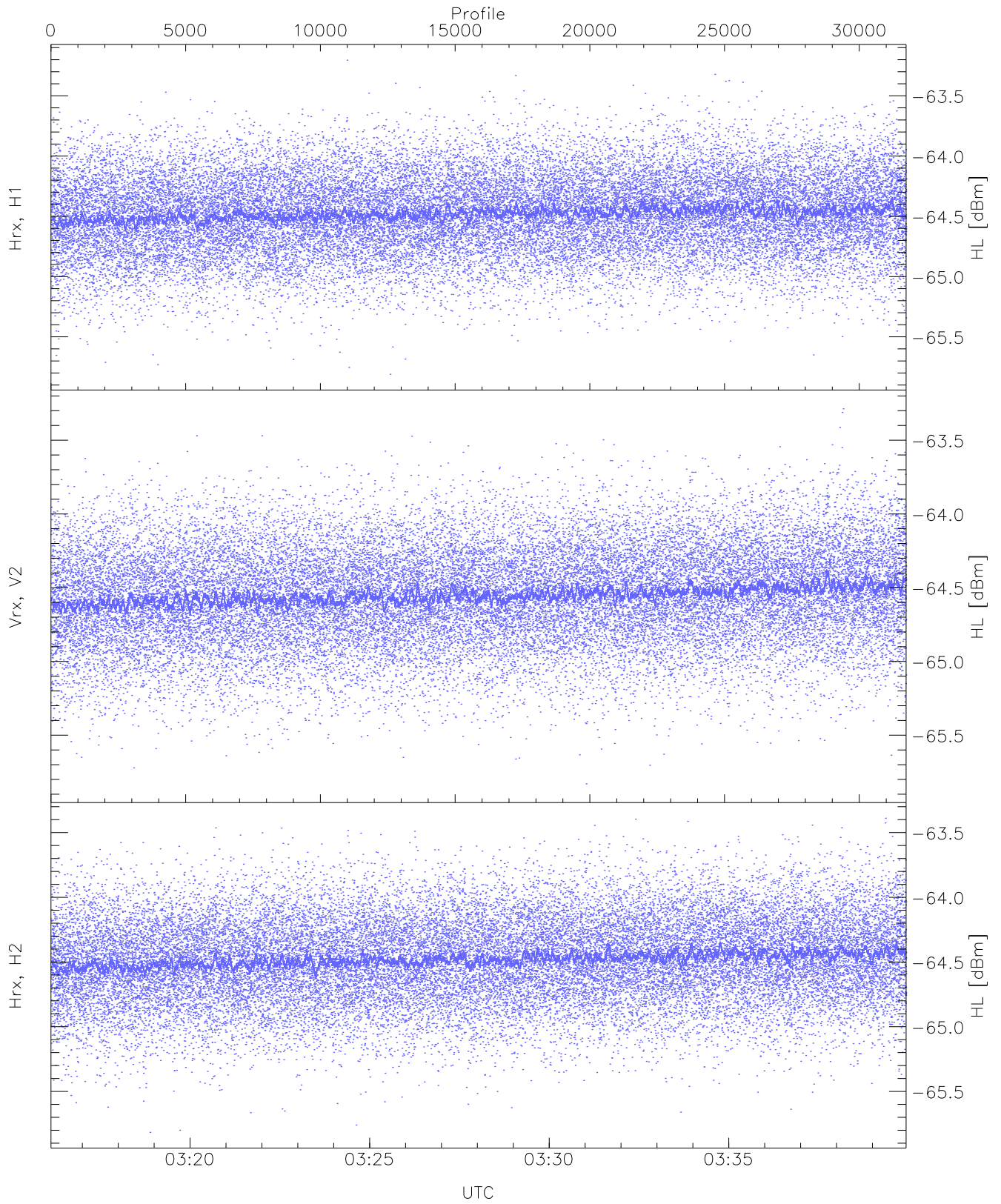
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.26	-64.89	-65.11	-65.11	-85.59
RMPHrxH1 (std_dBm)	-75.91	-74.38	-75.13	-75.13	-88.90
RMPVrxV2 (mean_dBm)	-64.98	-64.61	-64.76	-64.76	-84.51
RMPVrxV2 (std_dBm)	-75.55	-74.06	-74.78	-74.78	-88.50
RMPHrxH2 (mean_dBm)	-64.85	-64.52	-64.68	-64.68	-84.75
RMPHrxH2 (std_dBm)	-75.57	-73.86	-74.70	-74.70	-88.43



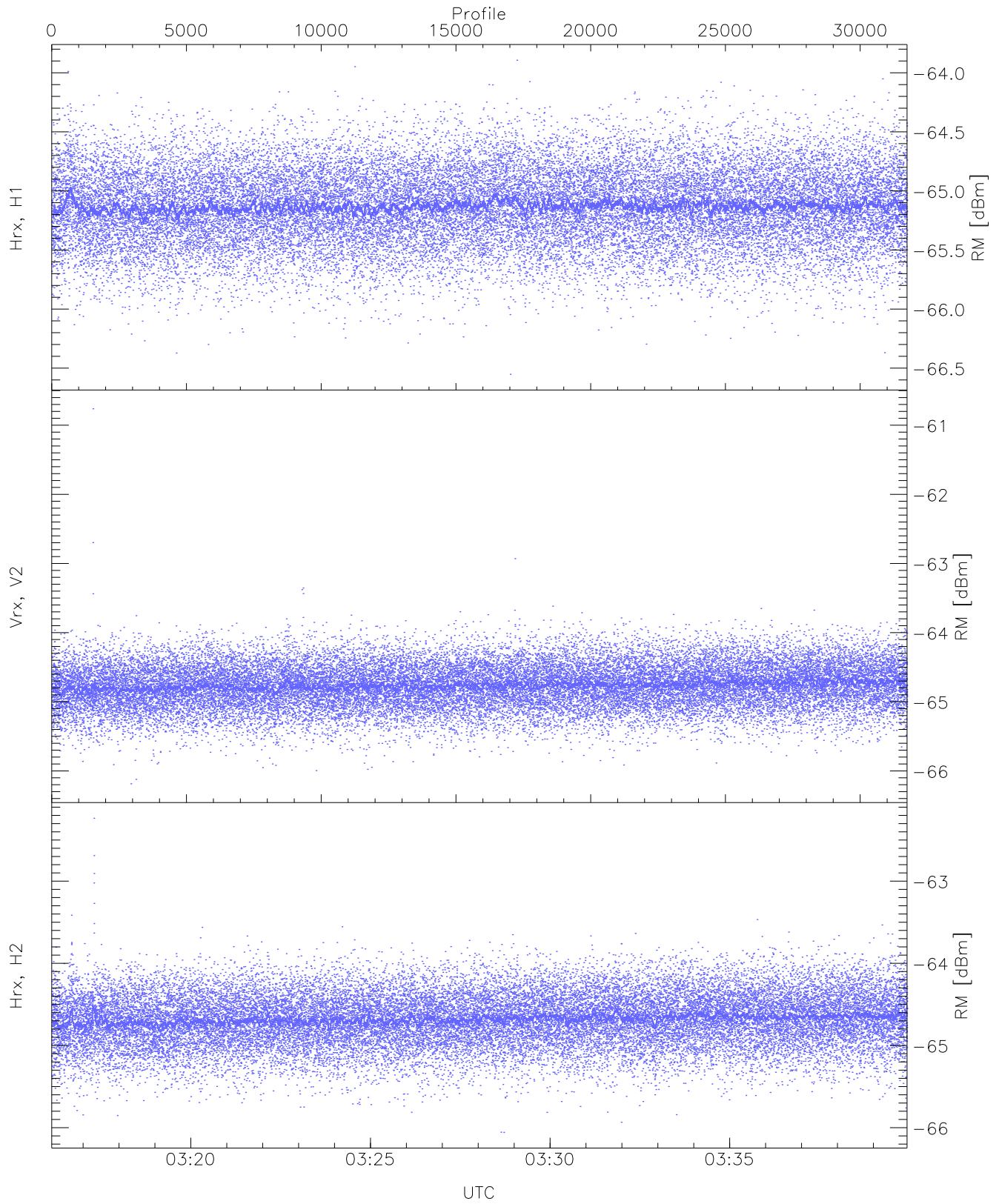
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.01	-63.46	-64.66	-64.67	-76.16
Vrx, V2 (WL [dBm])	-66.11	-63.59	-64.72	-64.73	-76.20
Hrx, H2 (WL [dBm])	-65.94	-63.49	-64.67	-64.68	-76.14



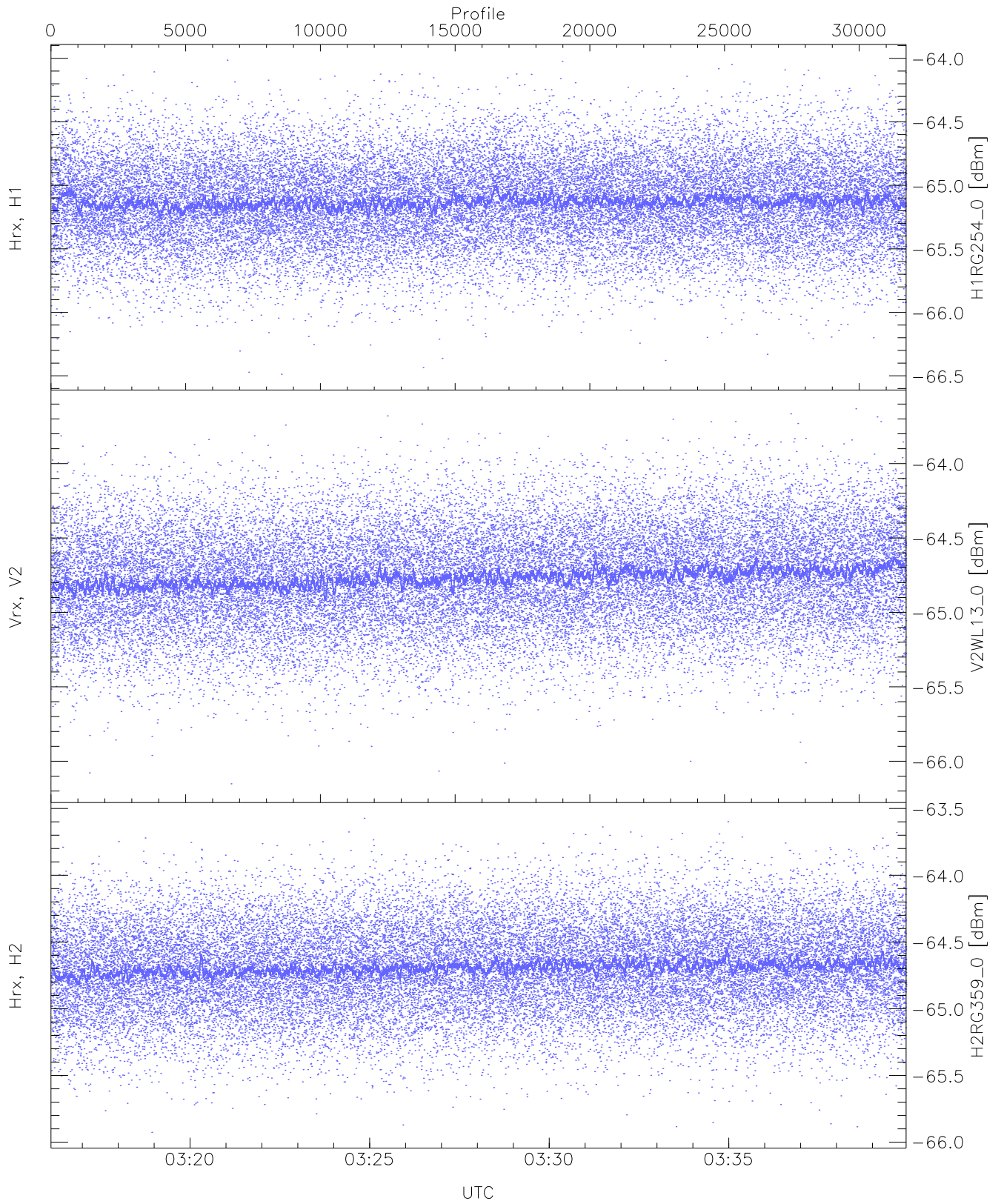
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.81	-63.20	-64.47	-64.48	-75.93
Vrx, V2 (HL [dBm])	-65.83	-63.29	-64.54	-64.55	-76.02
Hrx, H2 (HL [dBm])	-65.82	-63.39	-64.47	-64.48	-75.94



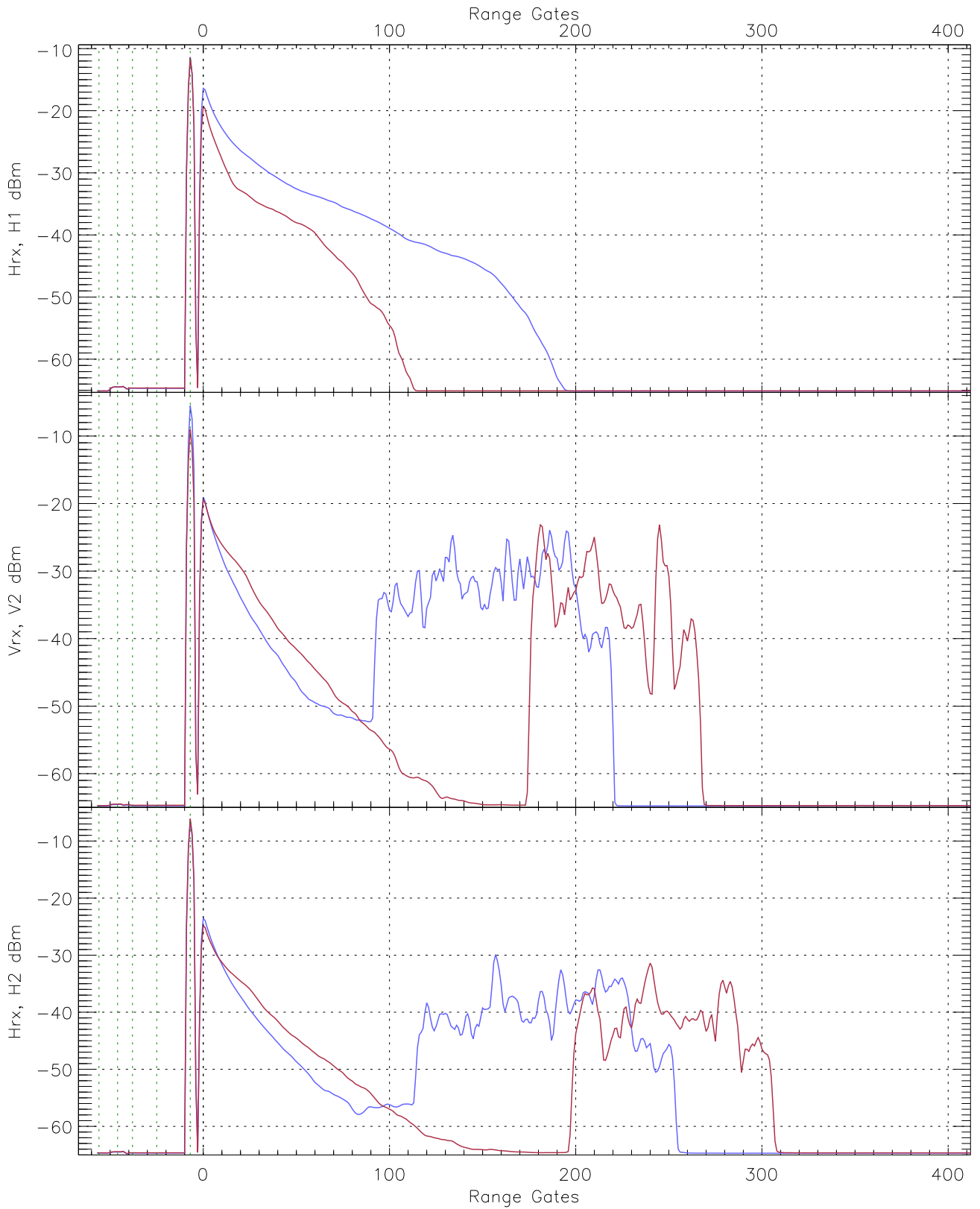
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.55	-63.89	-65.13	-65.13	-76.63
Vrx, V2 (RM [dBm])	-66.19	-60.76	-64.76	-64.77	-76.20
Hrx, H2 (RM [dBm])	-66.06	-62.23	-64.67	-64.68	-76.11

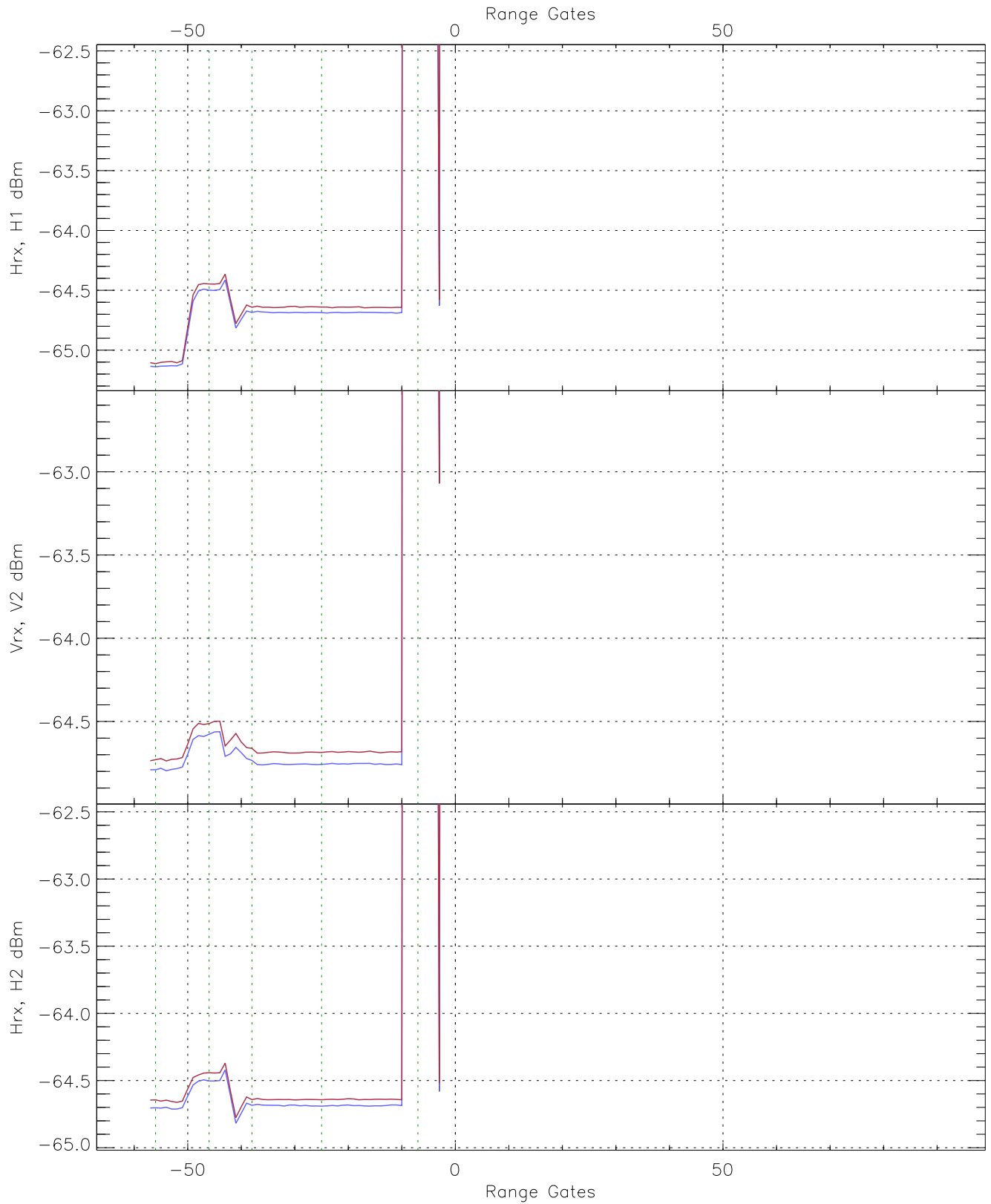


WCR3 CPP "Best" estimate Receivers Noise Power

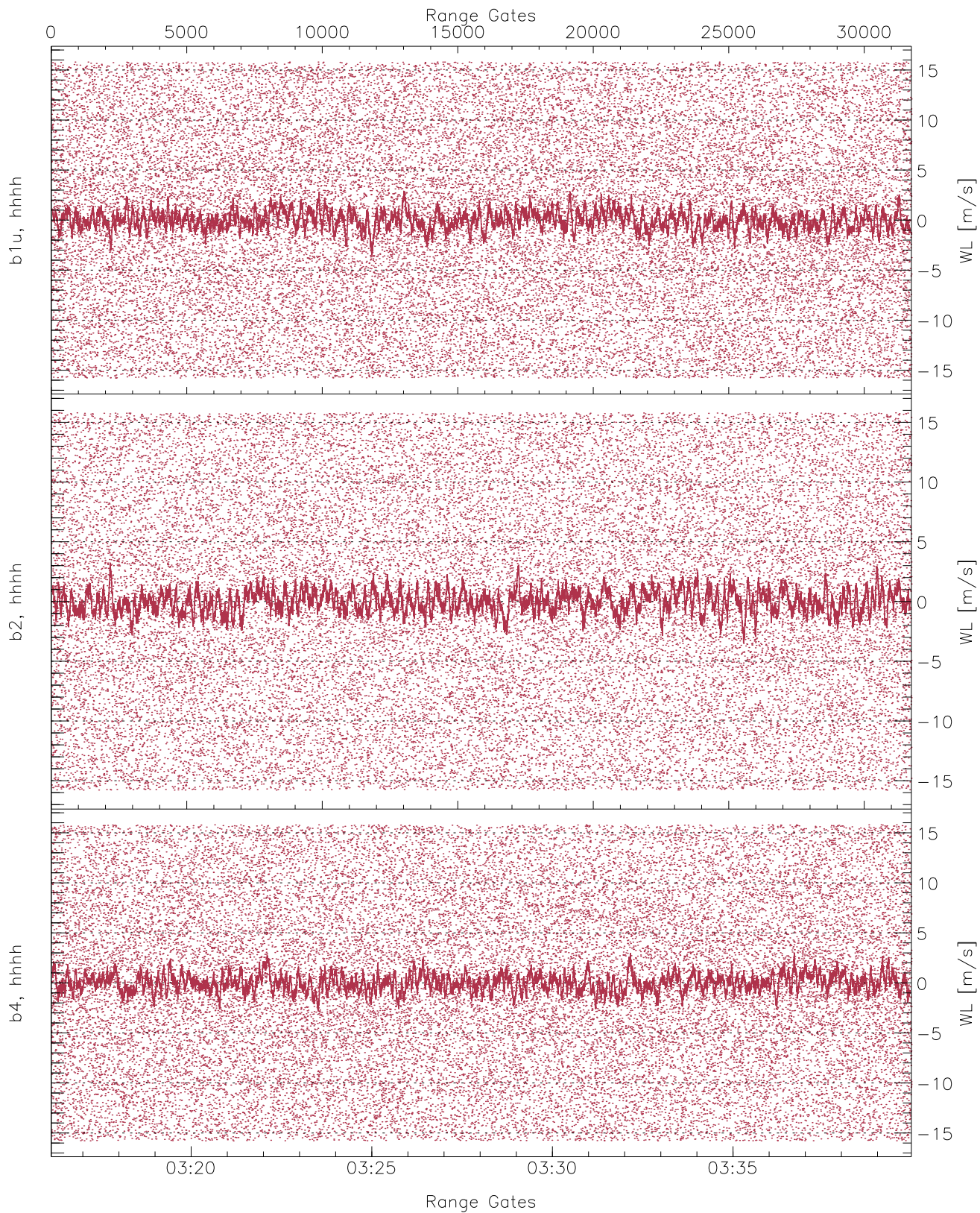
	Min	Max	Mean	Median	StDev
H1RG254_0 [dBm]	-66.49	-64.01	-65.13	-65.13	-76.59
V2WL13_0 [dBm]	-66.15	-63.63	-64.76	-64.77	-76.24
H2RG359_0 [dBm]	-65.93	-63.57	-64.69	-64.70	-76.17



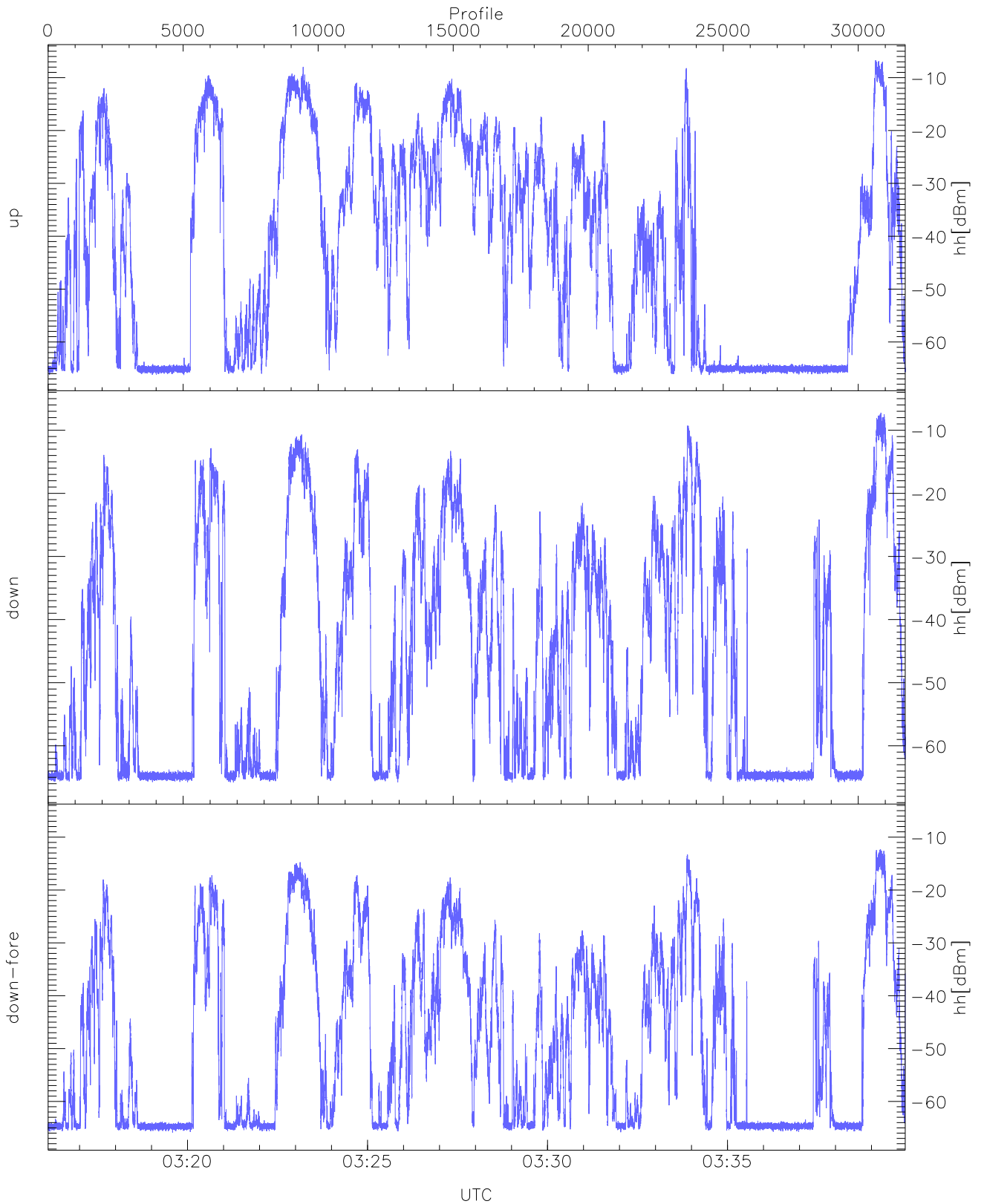
WCR3 CPP Averaged Received power for all recorded gates
blue: 031608-032802, 15871 profiles averaged
red: 032802-033956, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 031608-032802, 15871 profiles averaged
red: 032802-033956, 15871 profiles averaged

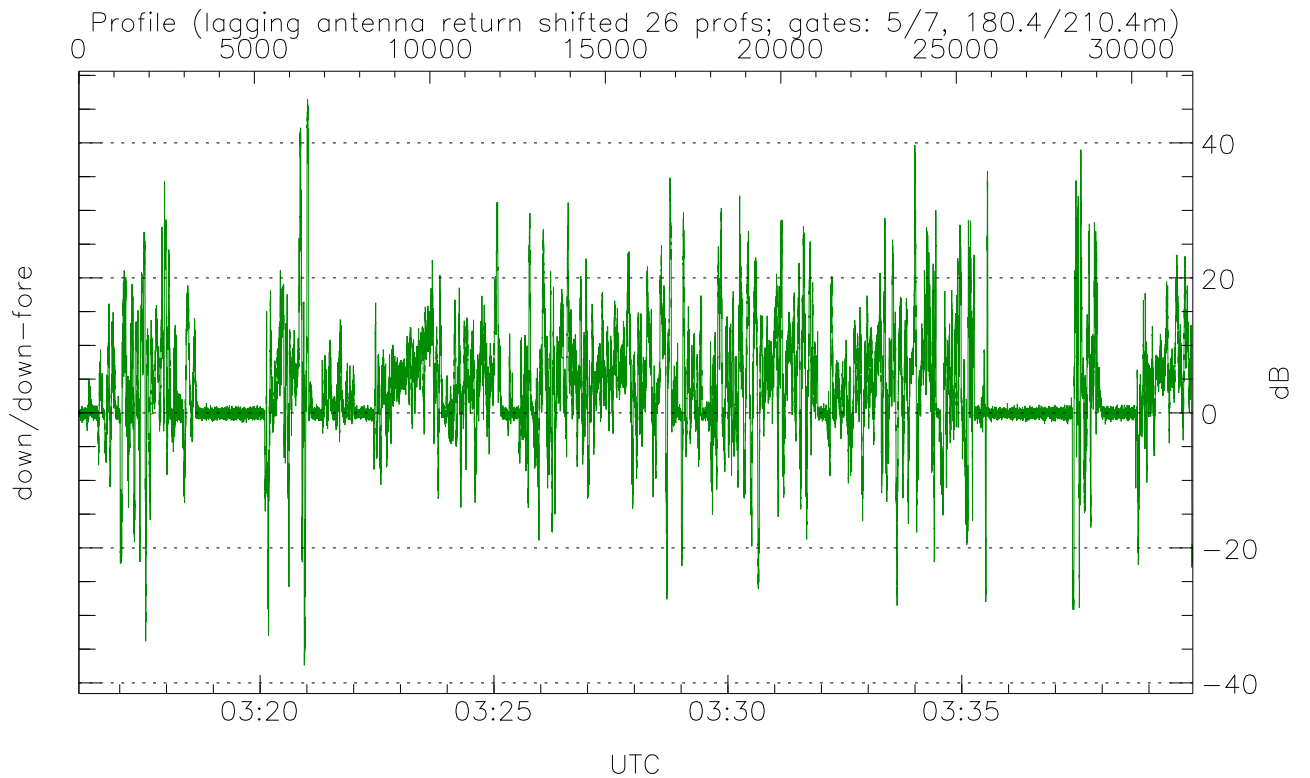
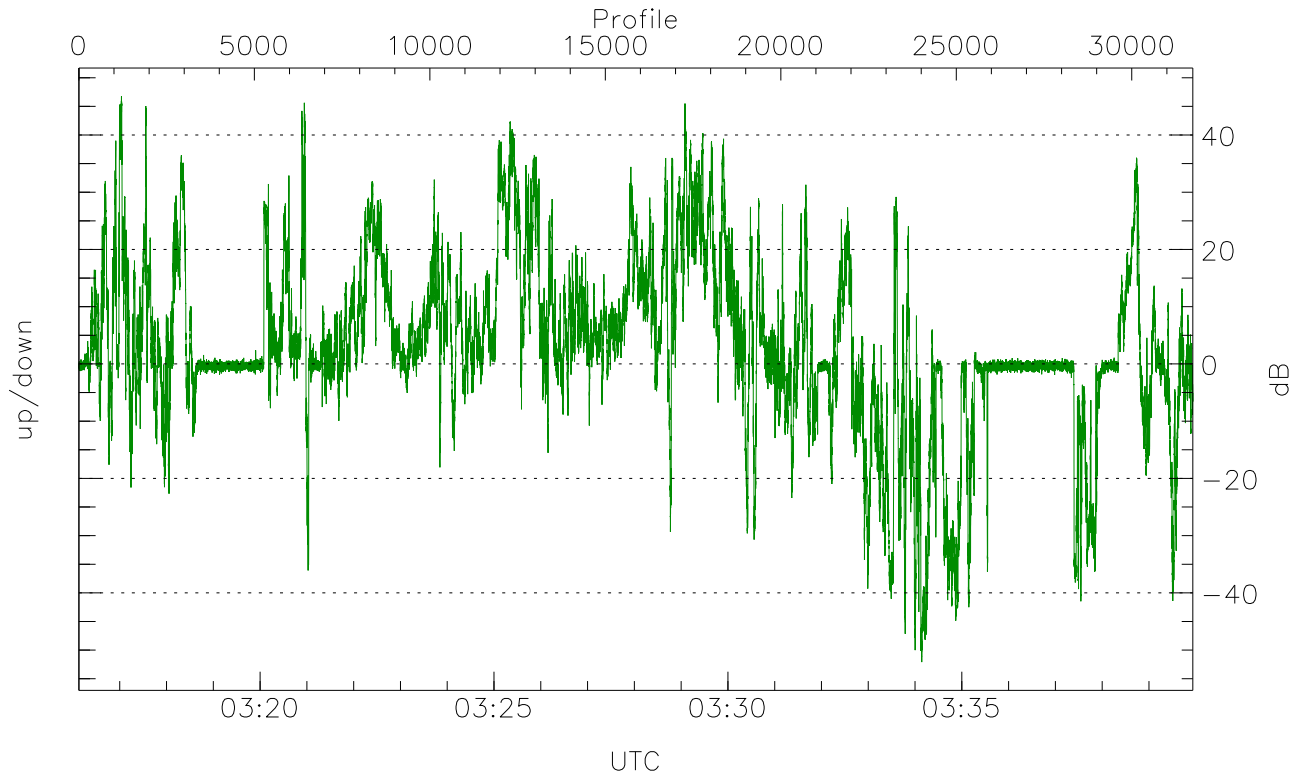


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



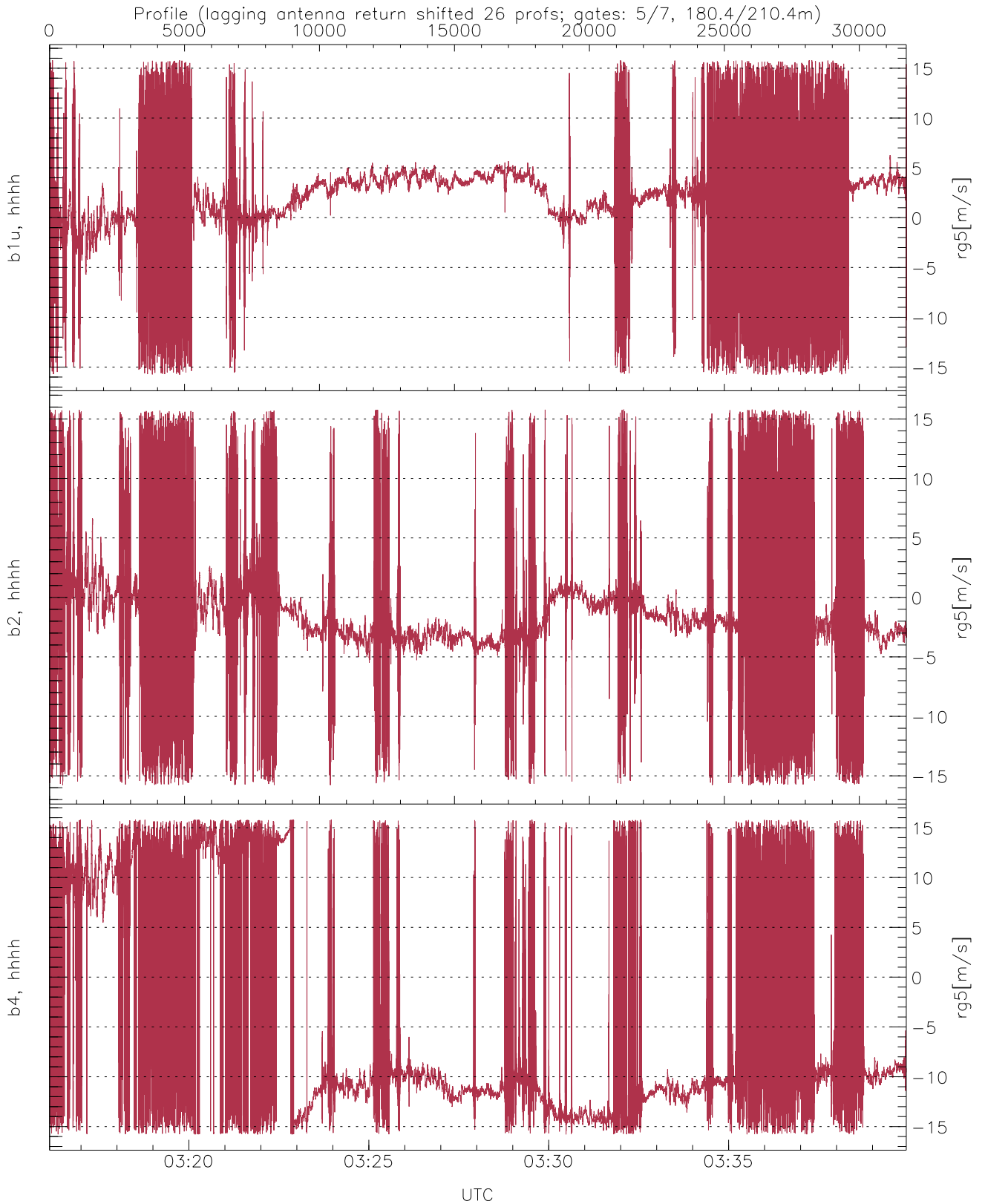
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.25	-6.72	-21.52
down(hh[dBm])	-65.82	-7.25	-23.73
down-fore(hh[dBm])	-65.87	-12.33	-28.22



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

	Min	Max	Mean
up/down (dB)	-52.09	46.76	3.25
down/down-fore (dB)	-37.39	46.43	3.62



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	1.60	4.77
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.19	5.00
b4, hhhh(rg5[m/s])	-15.79	15.79	-4.42	9.99