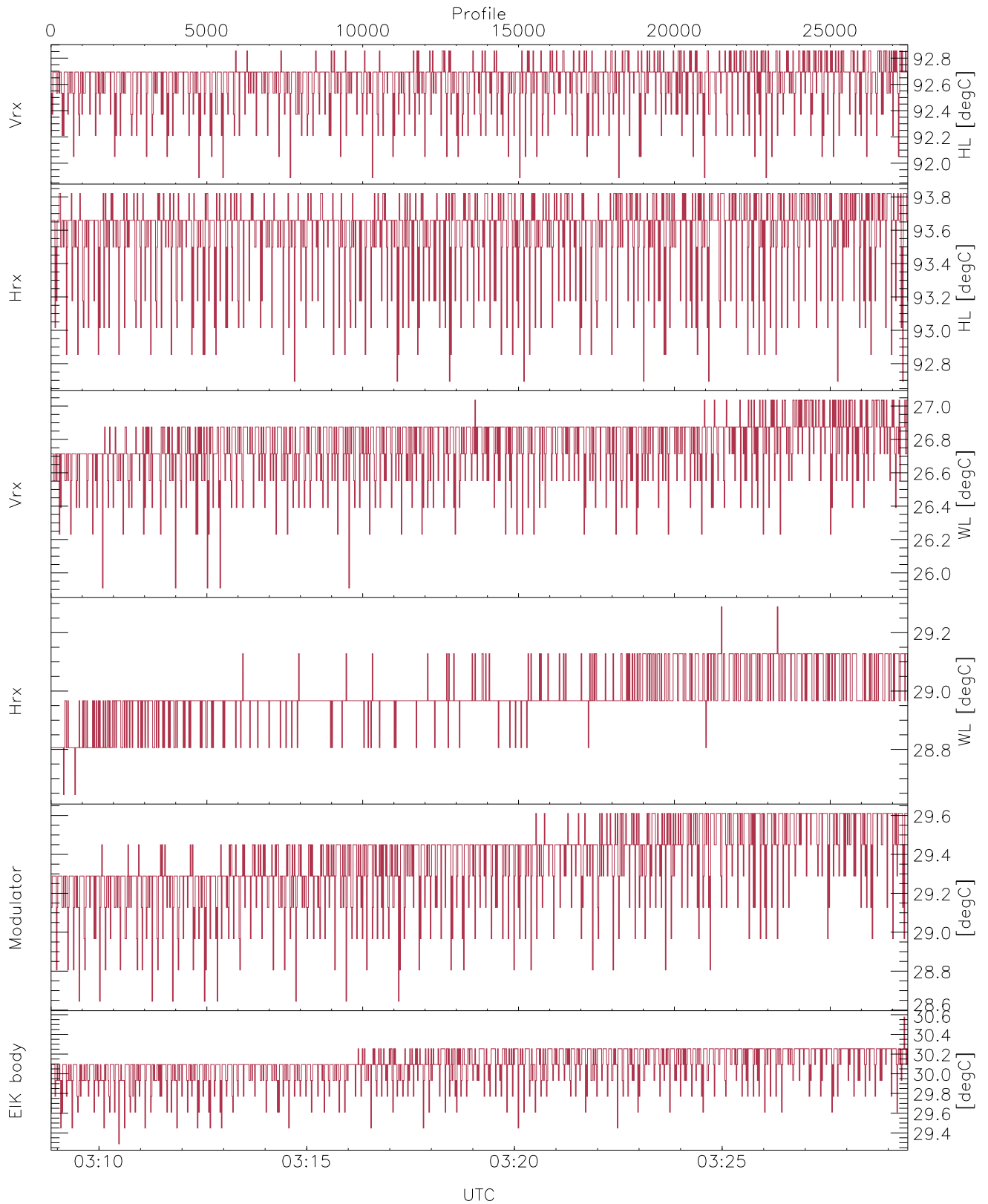


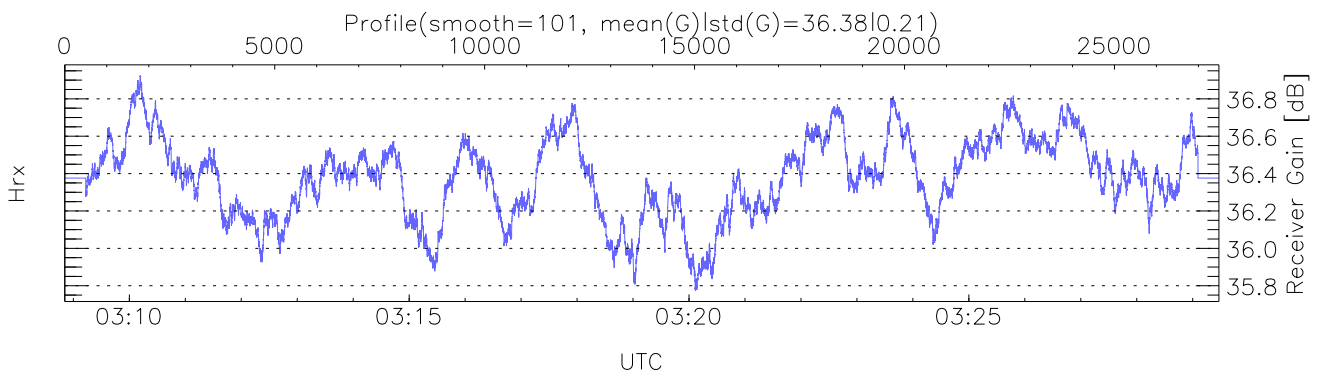
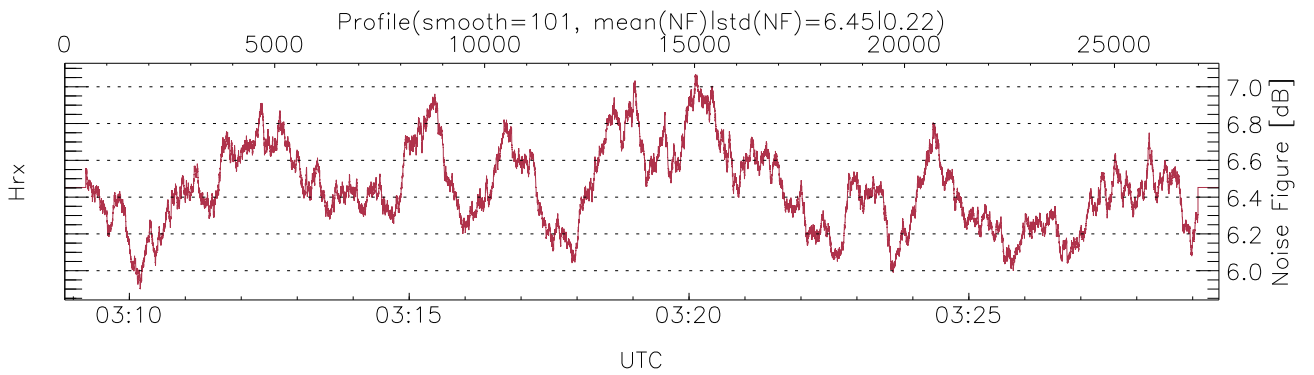
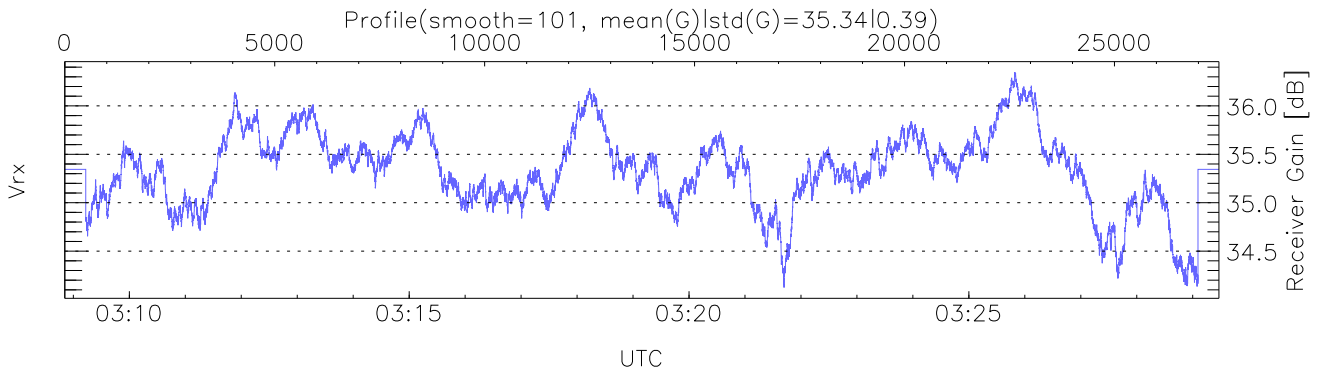
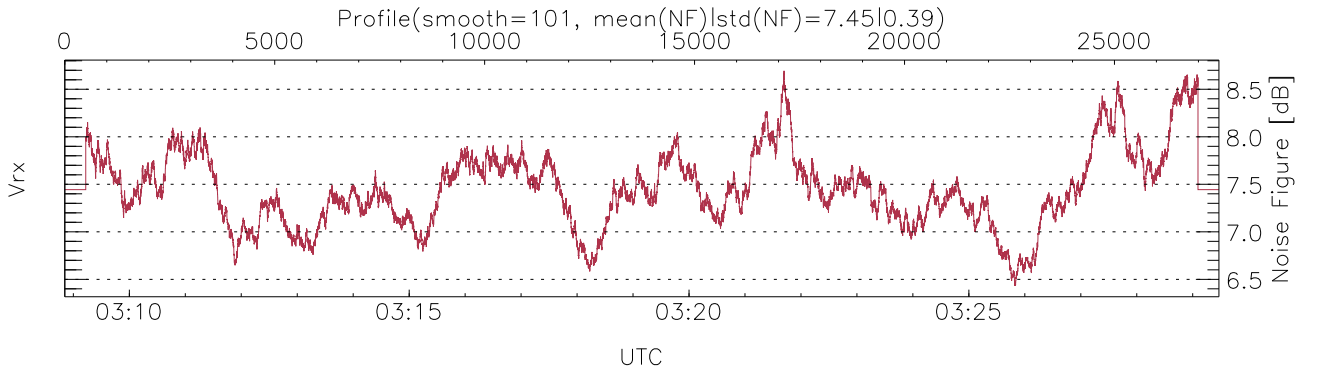
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 03:08:51-03:29:28, TimeCor: 0.00s, Dur: 1237.31s
 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): 27490/27490, 0-27489/03:08:51-03:29:28
 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



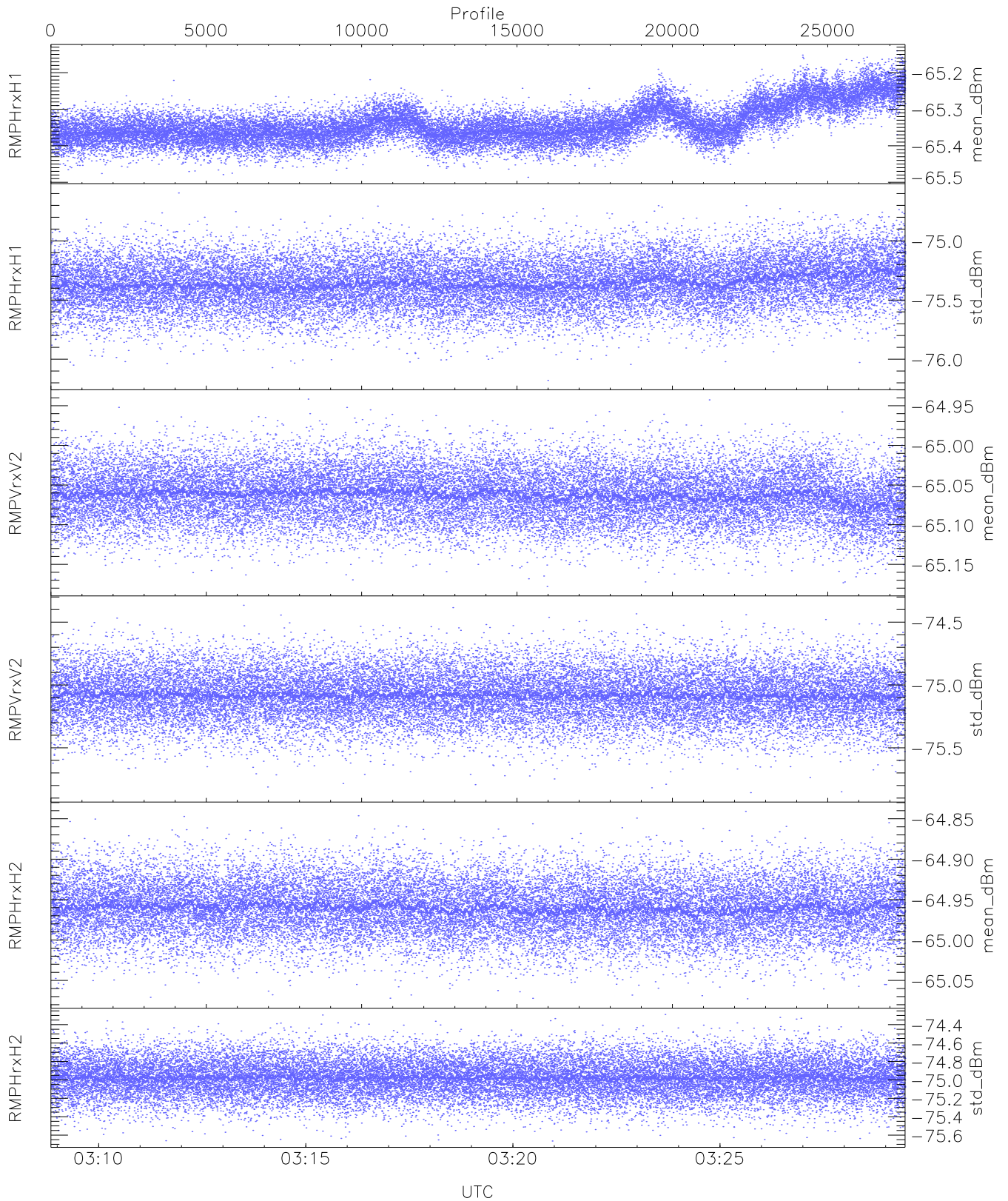
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,28,28,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,29,30
LOalarm(20,240,2817,14861 MHz): 0,0,47,0
EIK/Modulator Faults: None



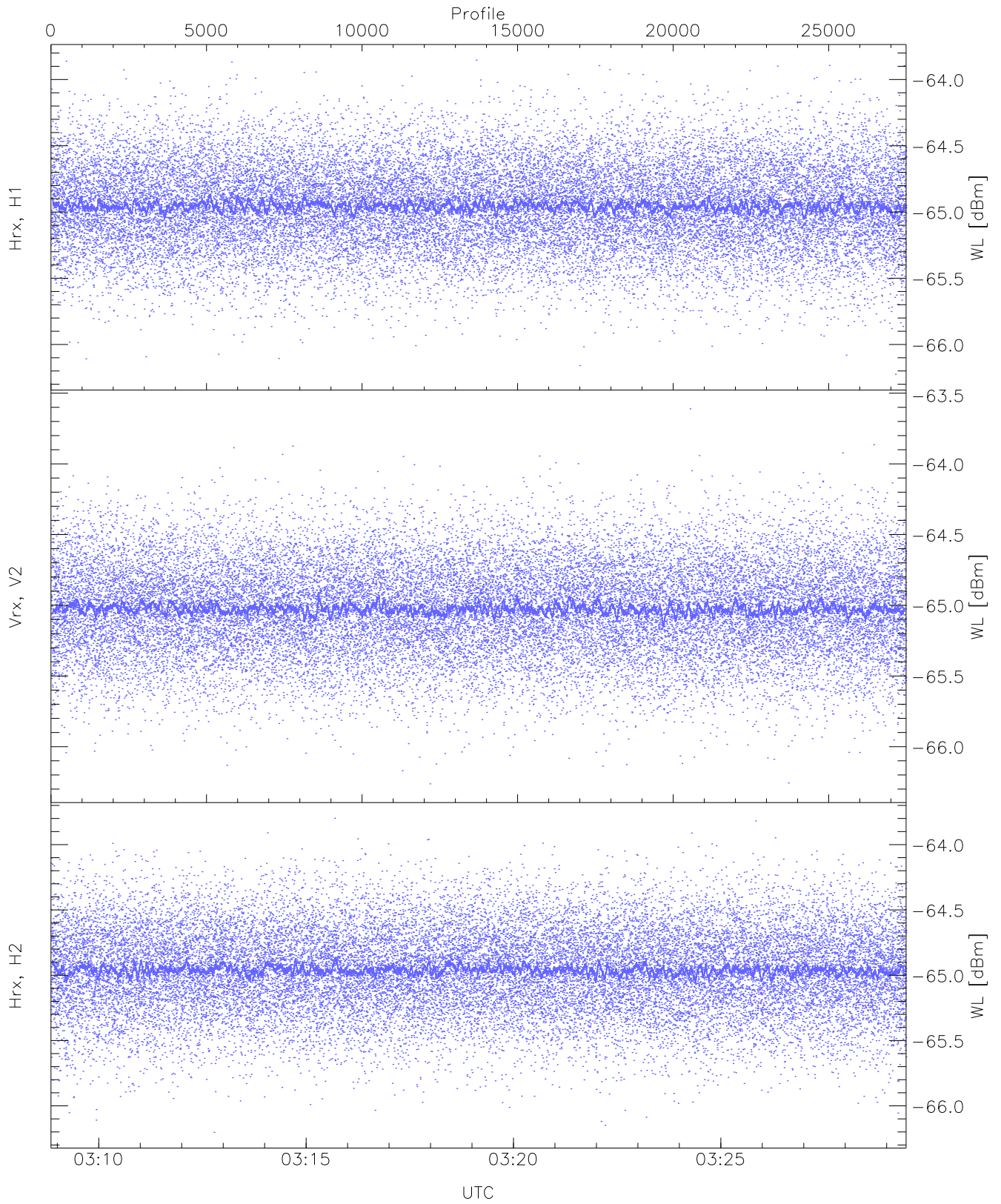
WCR3 CPP Receivers Gain and Noise Figure

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



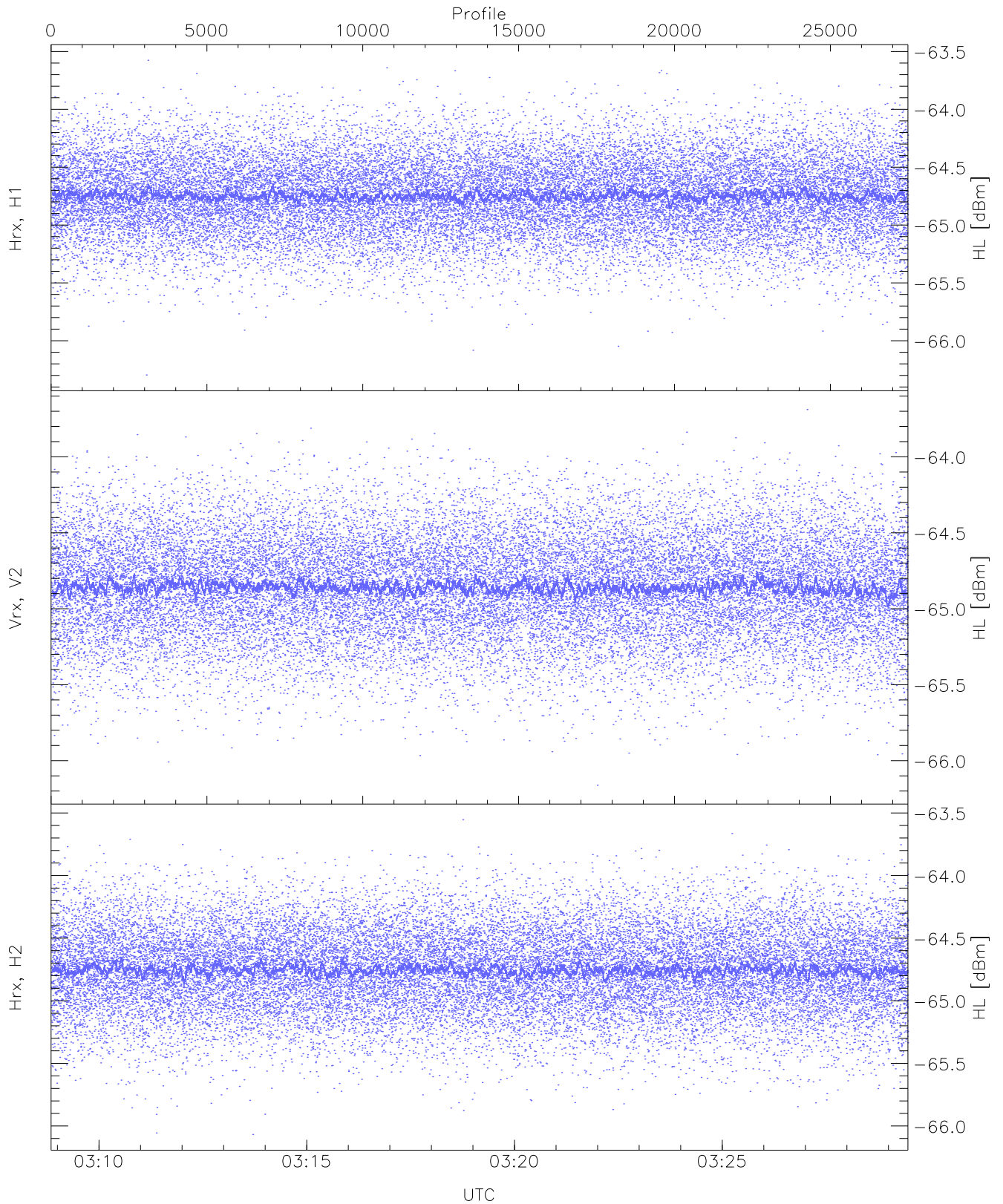
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.49	-65.14	-65.34	-65.35	-84.74
RMPHrxH1(std_dBm)	-76.18	-74.59	-75.35	-75.36	-89.01
RMPVrxV2(mean_dBm)	-65.18	-64.94	-65.06	-65.06	-86.62
RMPVrxV2(std_dBm)	-75.86	-74.37	-75.08	-75.08	-88.89
RMPHrxH2(mean_dBm)	-65.07	-64.84	-64.96	-64.96	-86.54
RMPHrxH2(std_dBm)	-75.66	-74.29	-74.98	-74.98	-88.74



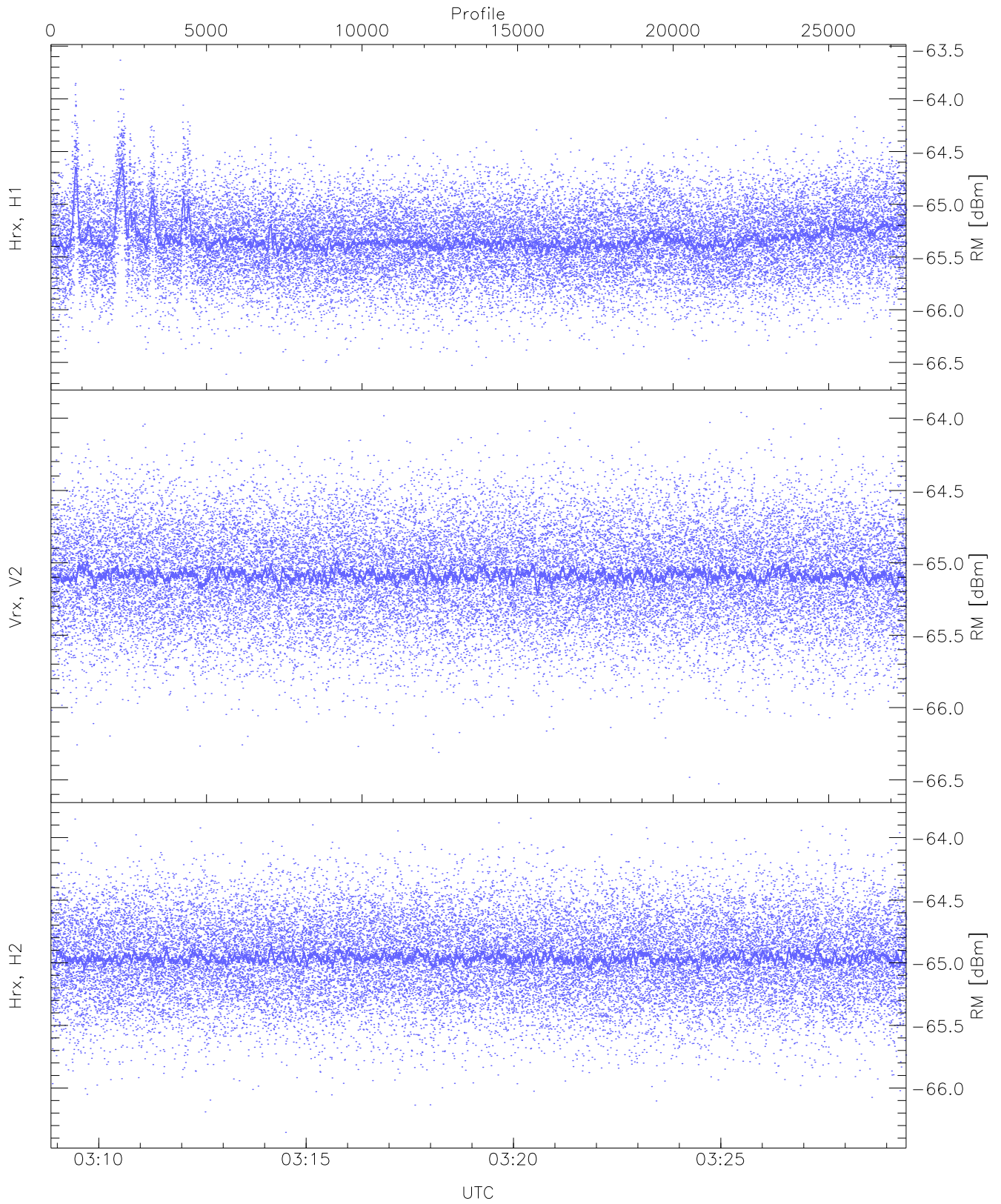
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.23	-63.85	-64.95	-64.96	-76.47
Vrx, V2 (WL [dBm])	-66.26	-63.61	-65.02	-65.03	-76.51
Hrx, H2 (WL [dBm])	-66.20	-63.80	-64.95	-64.96	-76.44



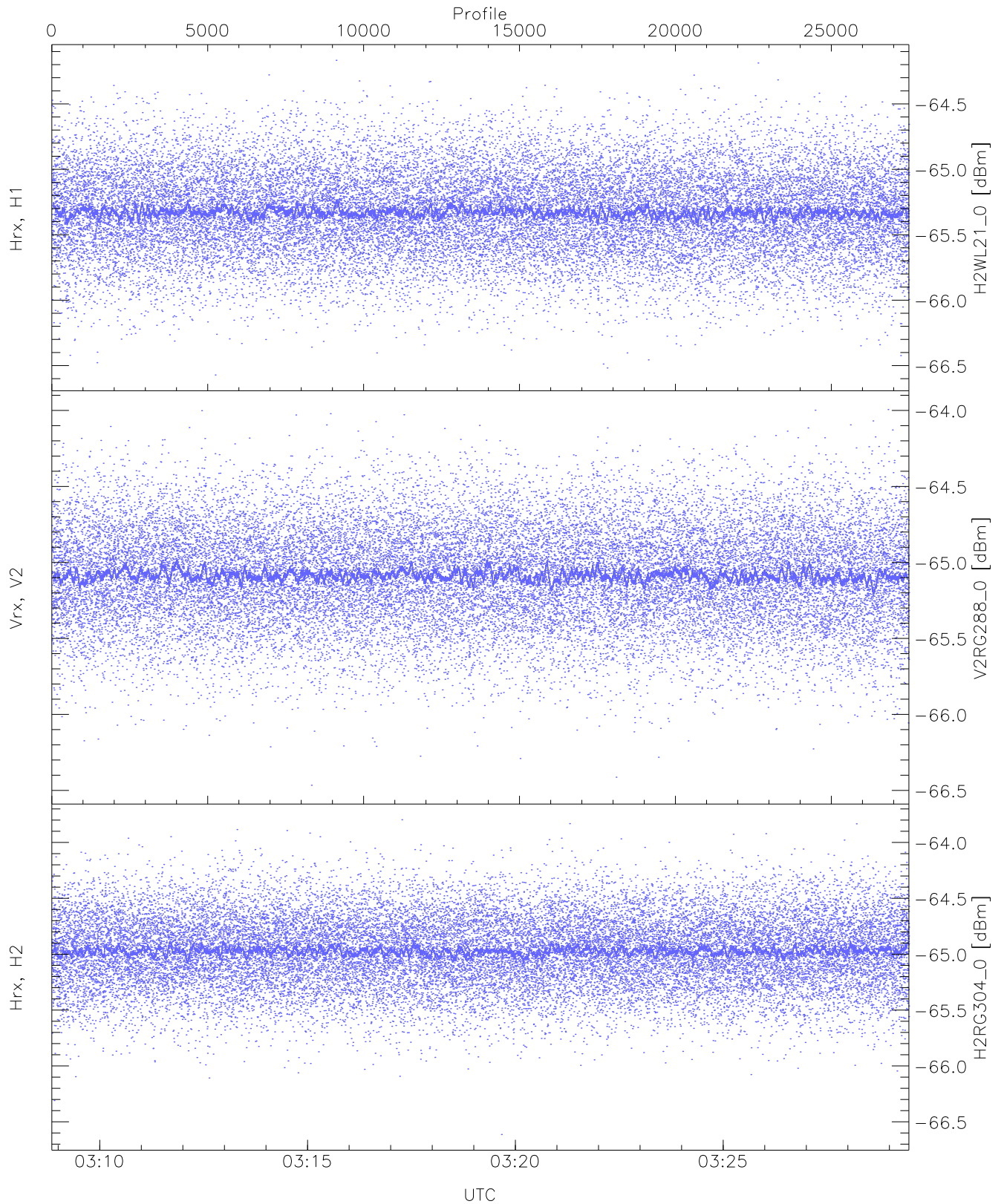
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.30	-63.58	-64.74	-64.75	-76.22
Vrx, V2 (HL [dBm])	-66.16	-63.69	-64.85	-64.85	-76.37
Hrx, H2 (HL [dBm])	-66.07	-63.55	-64.75	-64.75	-76.24



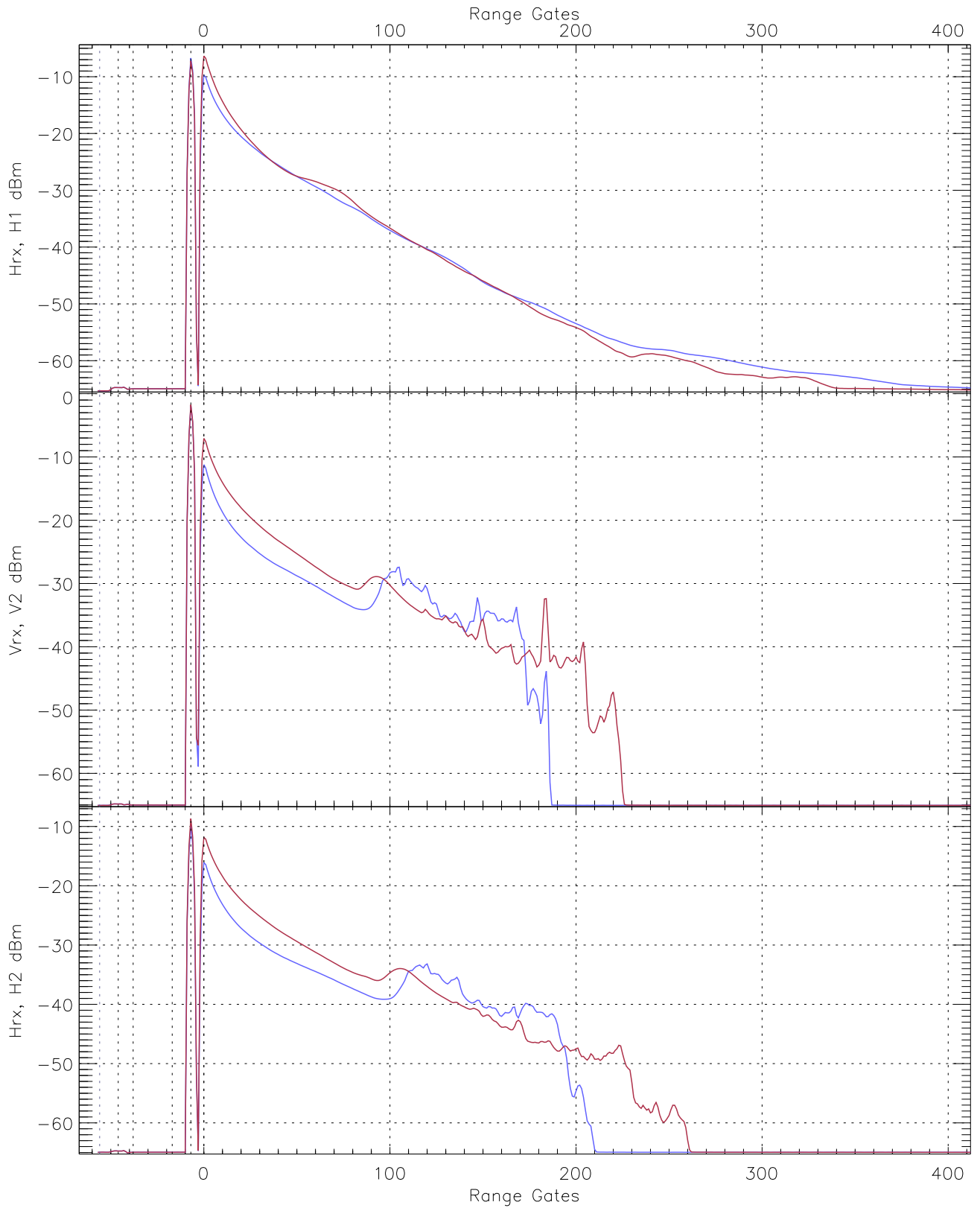
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.61	-63.63	-65.32	-65.34	-76.55
Vrx, V2 (RM [dBm])	-66.53	-63.94	-65.08	-65.08	-76.58
Hrx, H2 (RM [dBm])	-66.35	-63.85	-64.95	-64.96	-76.48

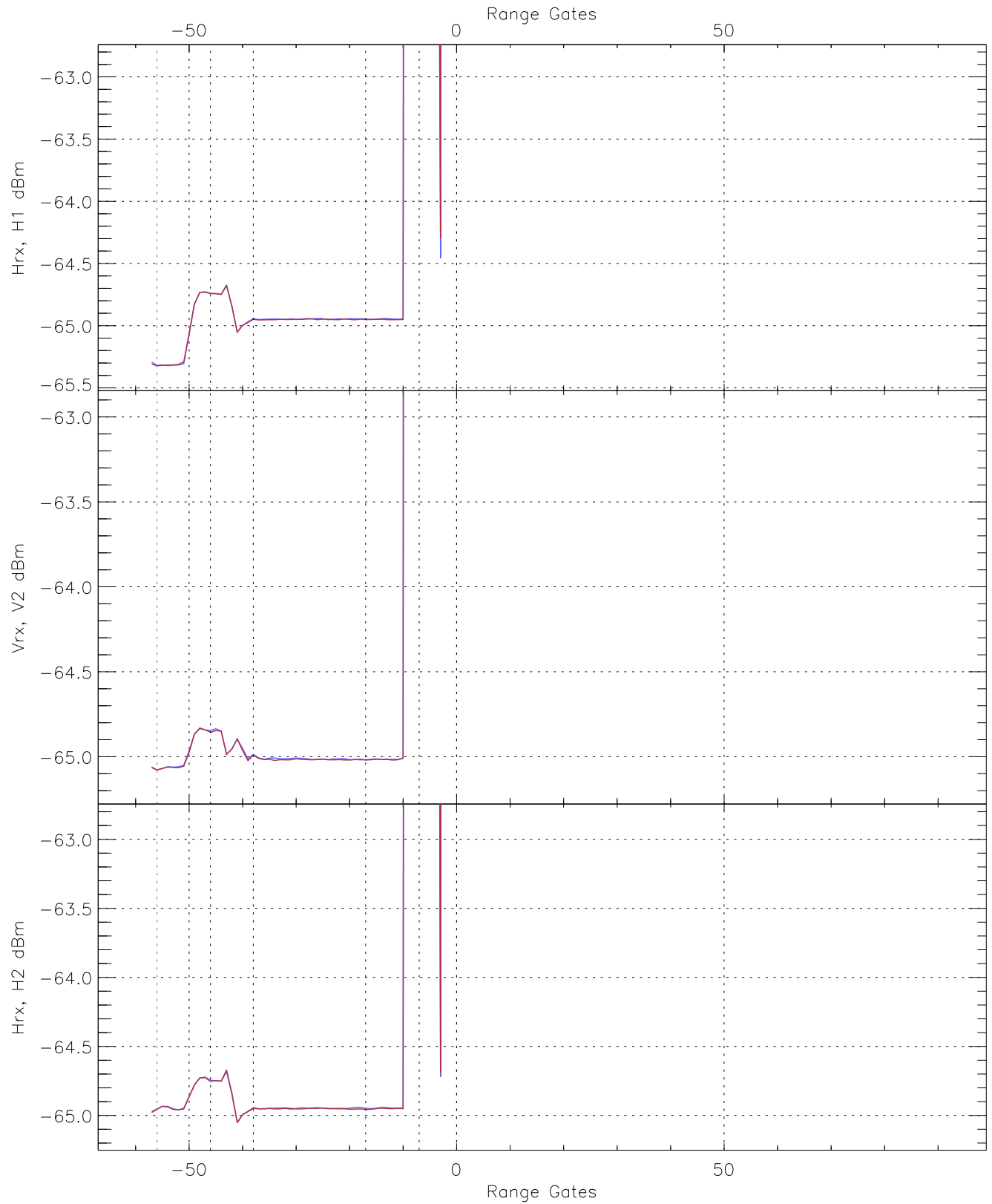


WCR3 CPP "Best" estimate Receivers Noise Power

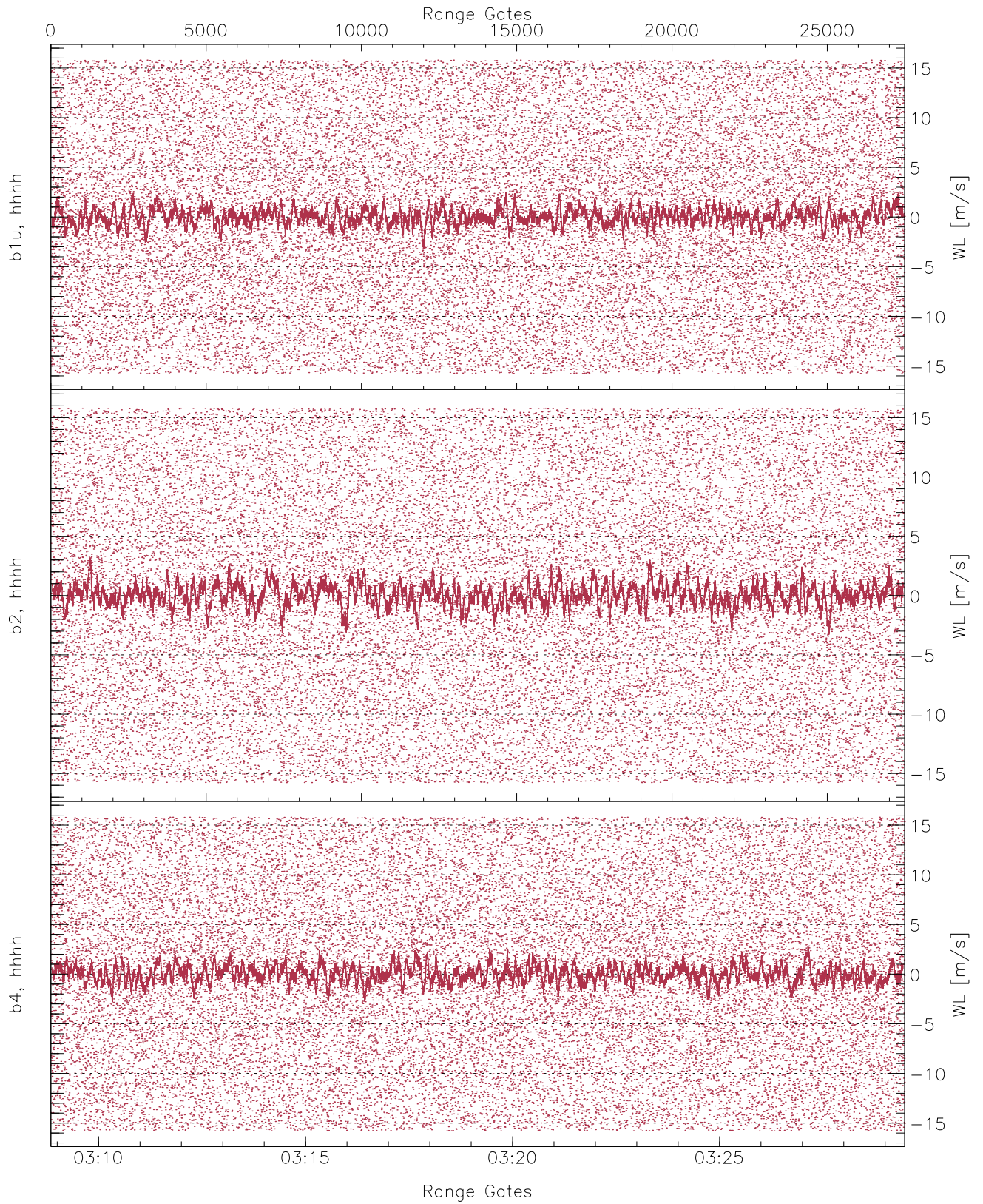
	Min	Max	Mean	Median	StDev
H2WL21_0 [dBm]	-66.57	-64.17	-65.32	-65.33	-76.81
V2RG288_0 [dBm]	-66.47	-63.99	-65.08	-65.08	-76.58
H2RG304_0 [dBm]	-66.61	-63.80	-64.96	-64.97	-76.47



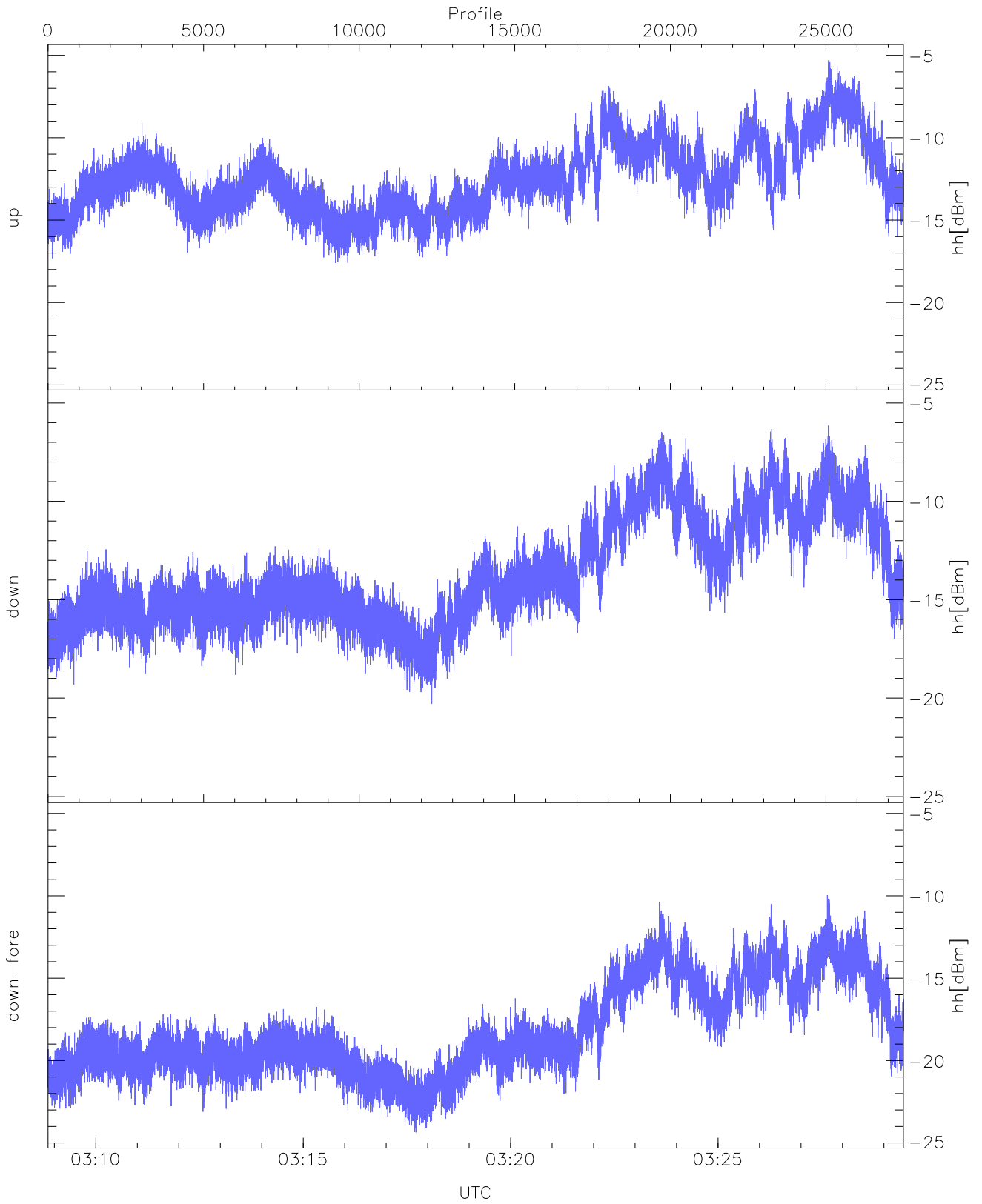
WCR3 CPP Averaged Received power for all recorded gates
blue: 030851-031909, 13746 profiles averaged
red: 031909-032928, 13745 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 030851-031909, 13746 profiles averaged
red: 031909-032928, 13745 profiles averaged

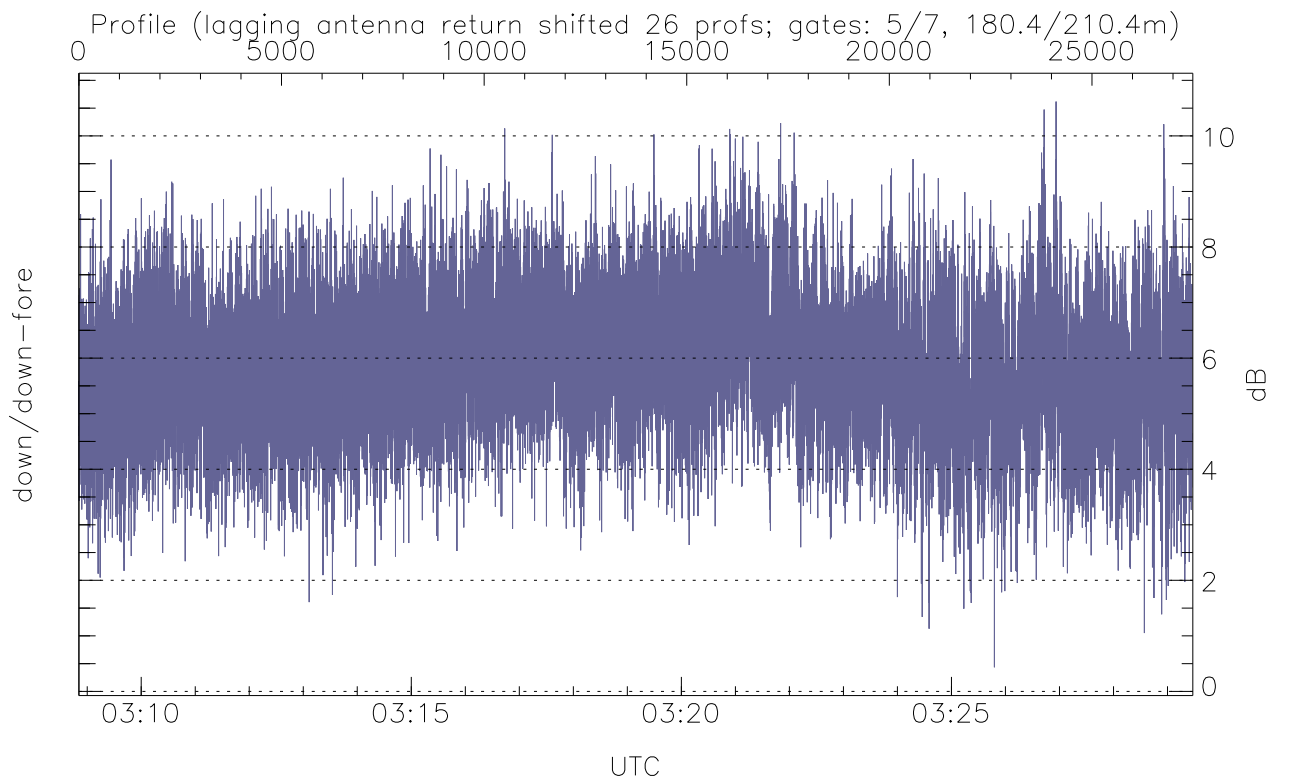
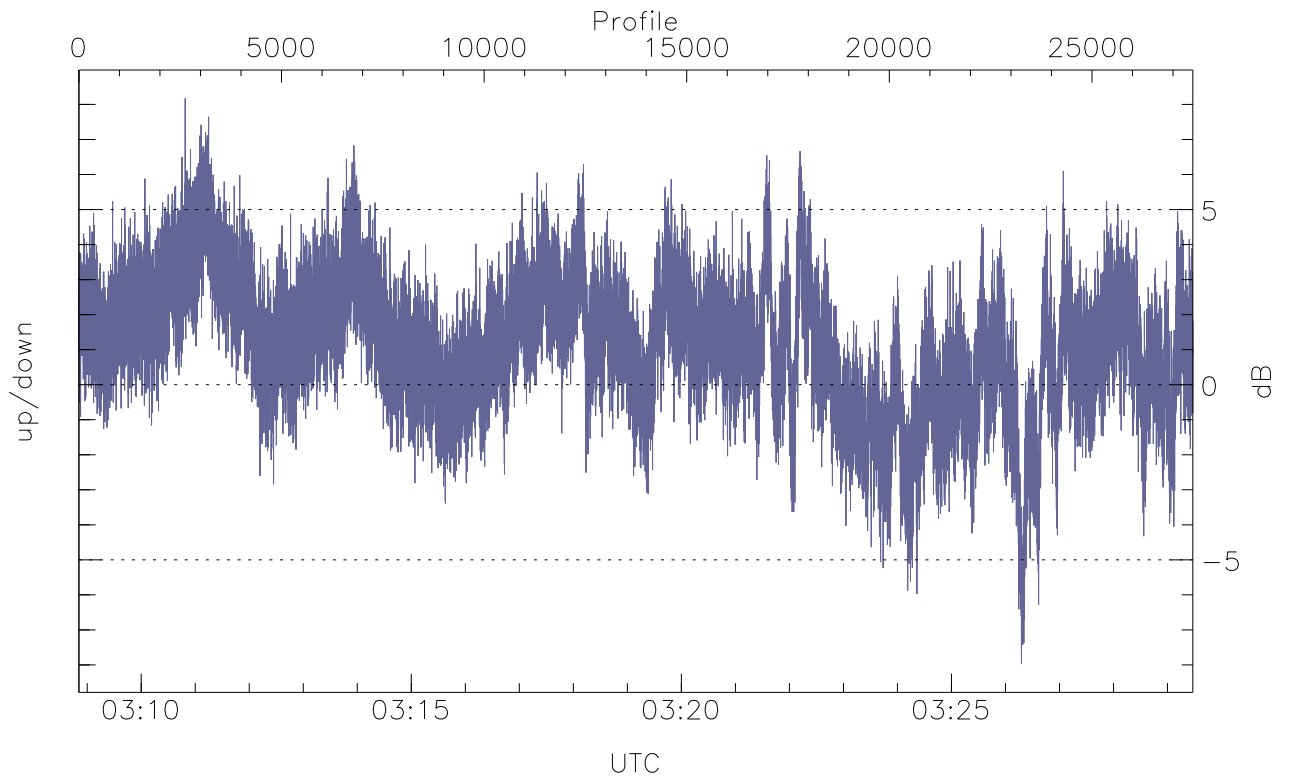


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



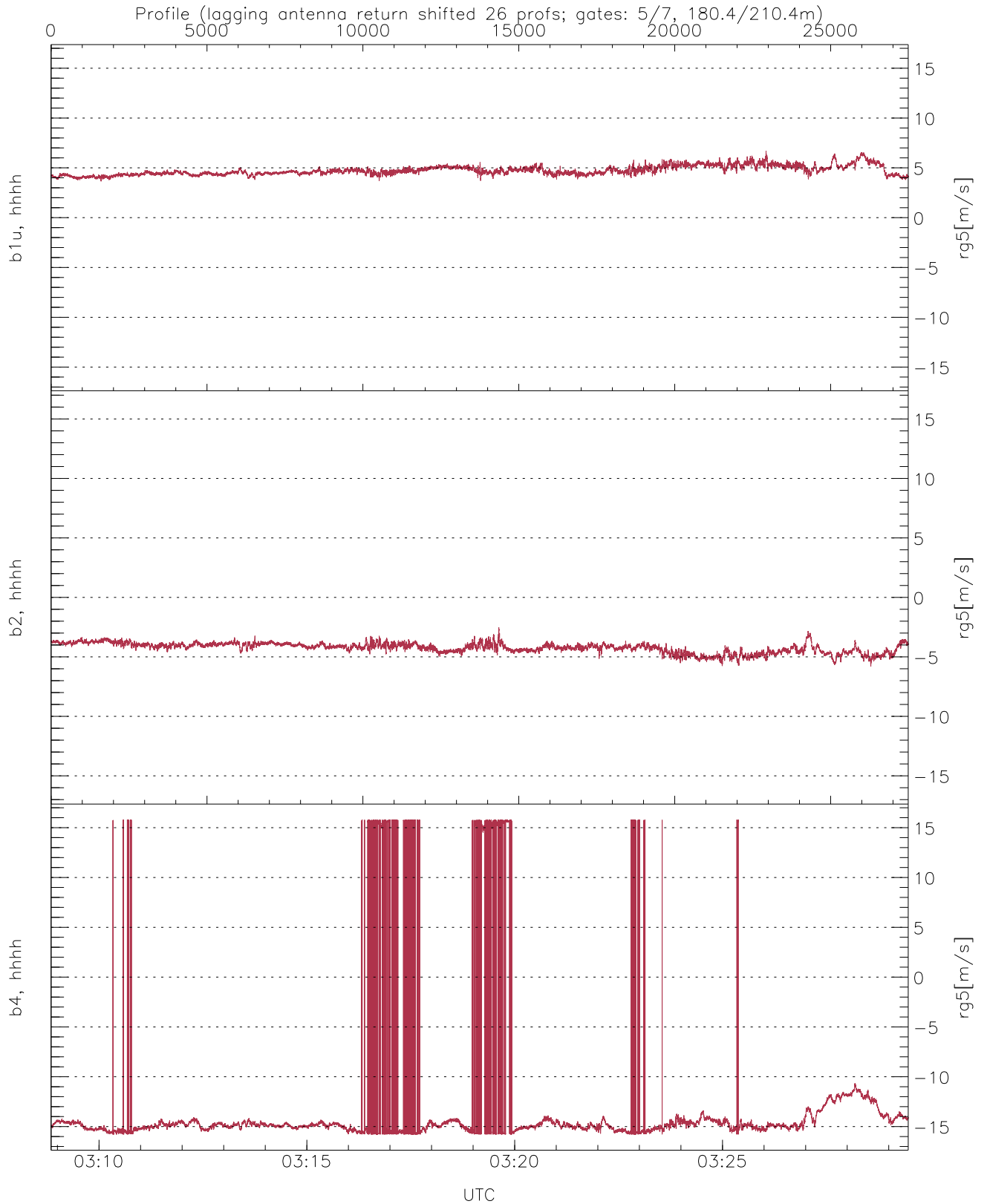
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-17.60	-5.30	-11.96
down(hh[dBm])	-20.29	-6.15	-12.77
down-fore(hh[dBm])	-24.36	-9.95	-17.23



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

	Min	Max	Mean
up/down (dB)	-7.97	8.18	1.14
down/down-fore (dB)	0.43	10.62	5.84



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	3.65	6.71	4.74	0.47
b2, hhhh(rg5[m/s])	-5.81	-2.51	-4.24	0.43
b4, hhhh(rg5[m/s])	-15.79	15.79	-12.85	7.34