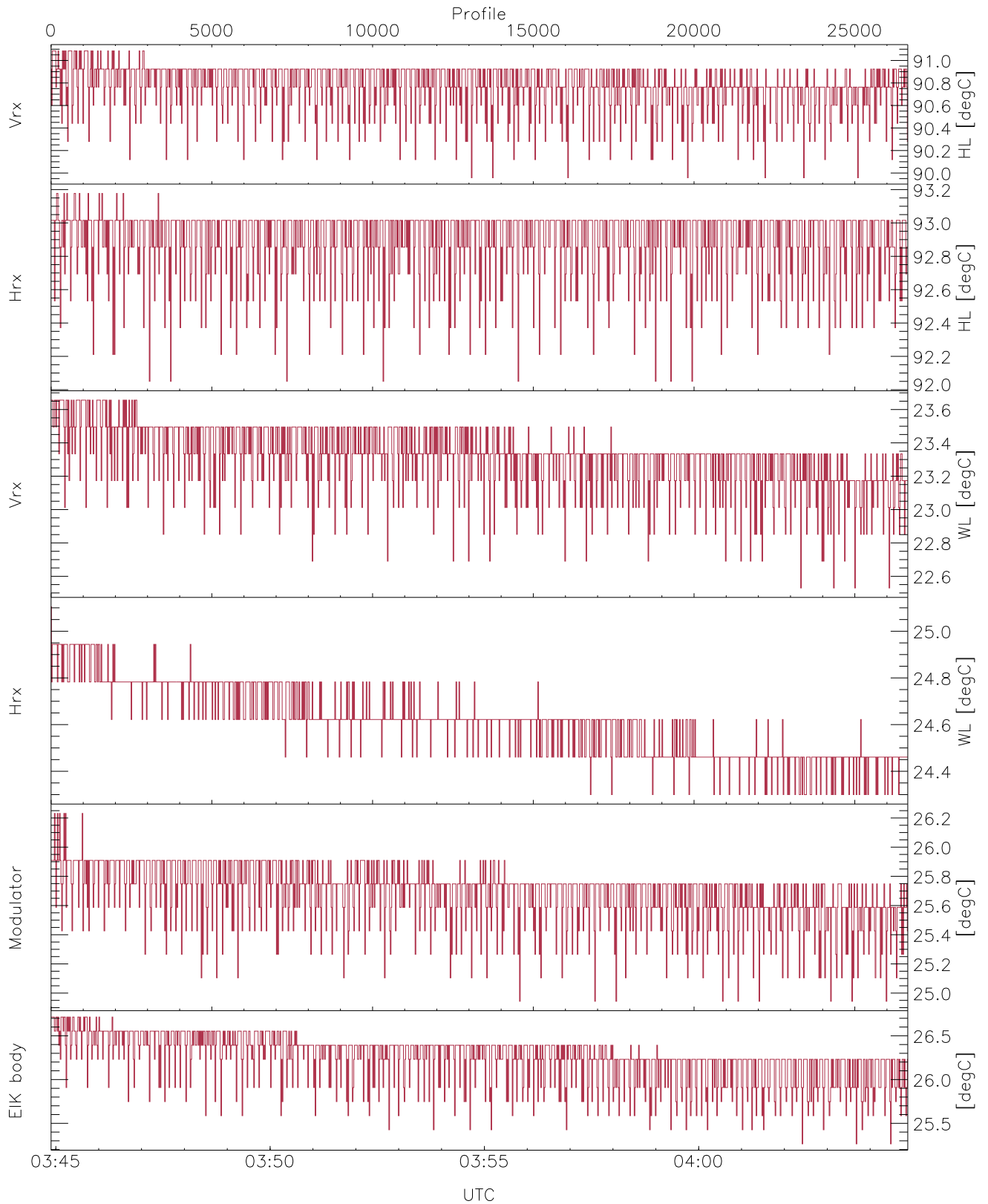


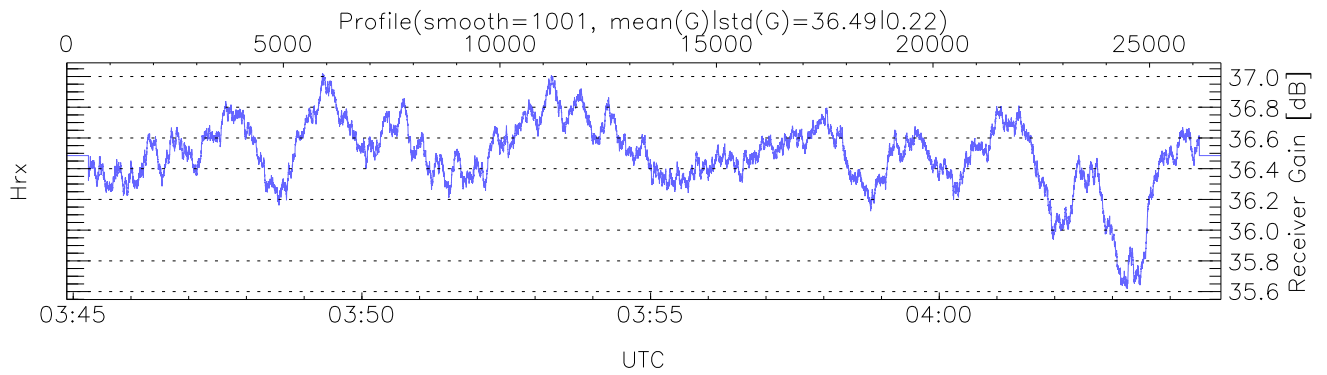
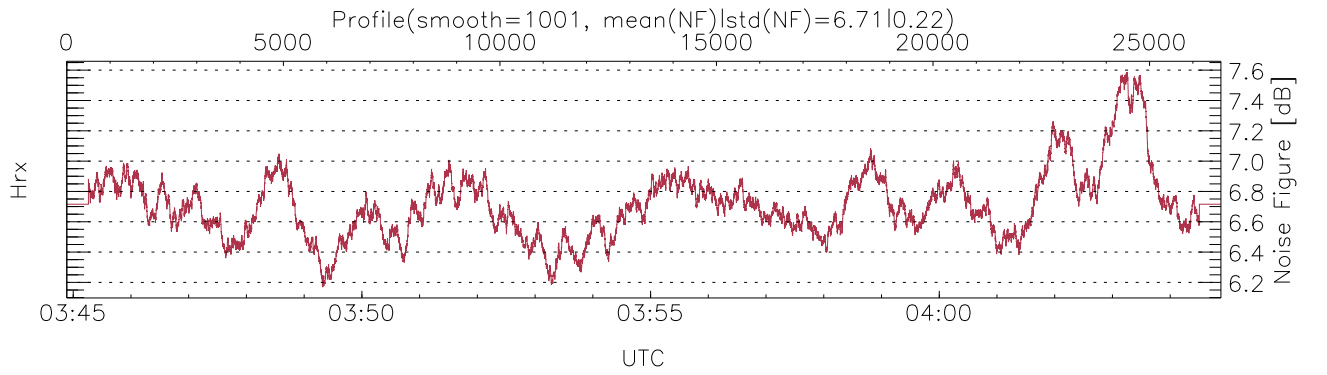
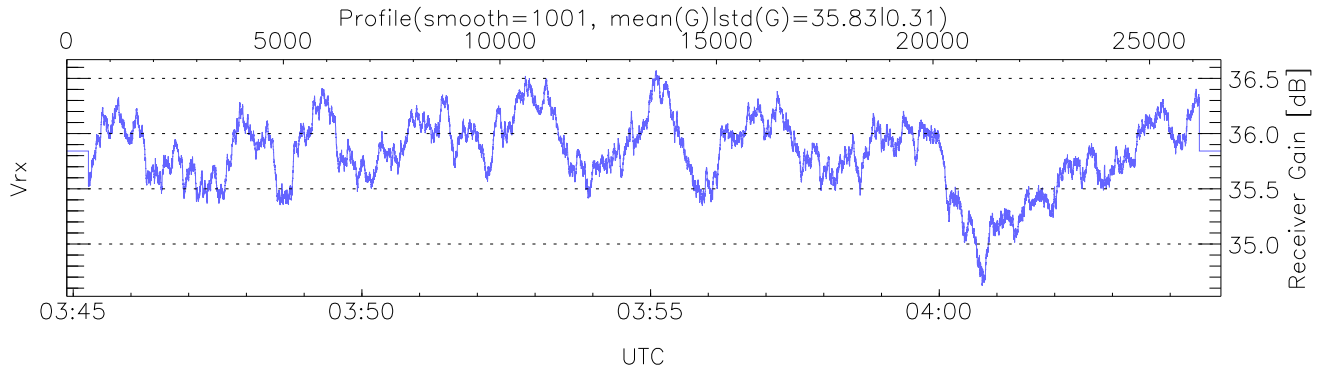
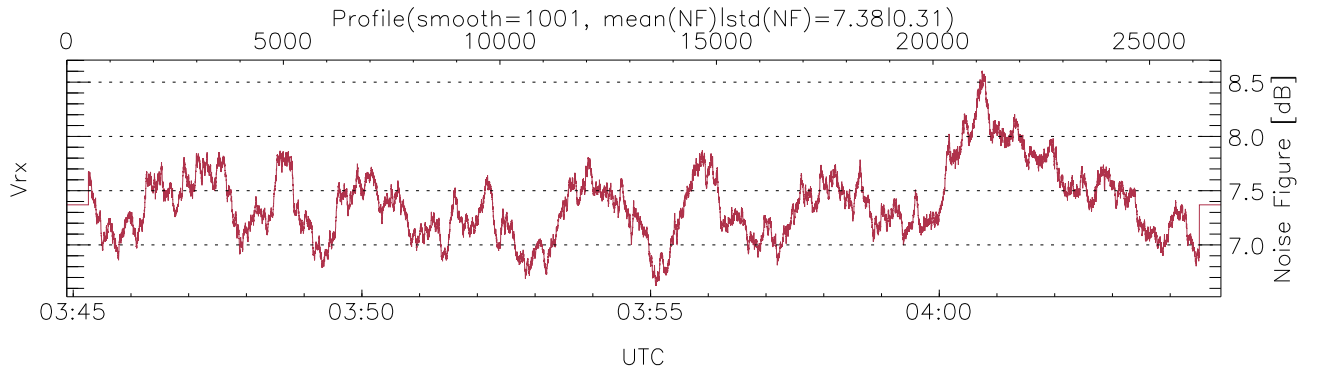
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 03:44:53-04:04:53, TimeCor: 0.00s, Dur: 1199.46s
 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): 26649/26649, 0-26648/03:44:53-04:04:53
 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(-910|112,3,9x = no mirror|sidelup|error): 1



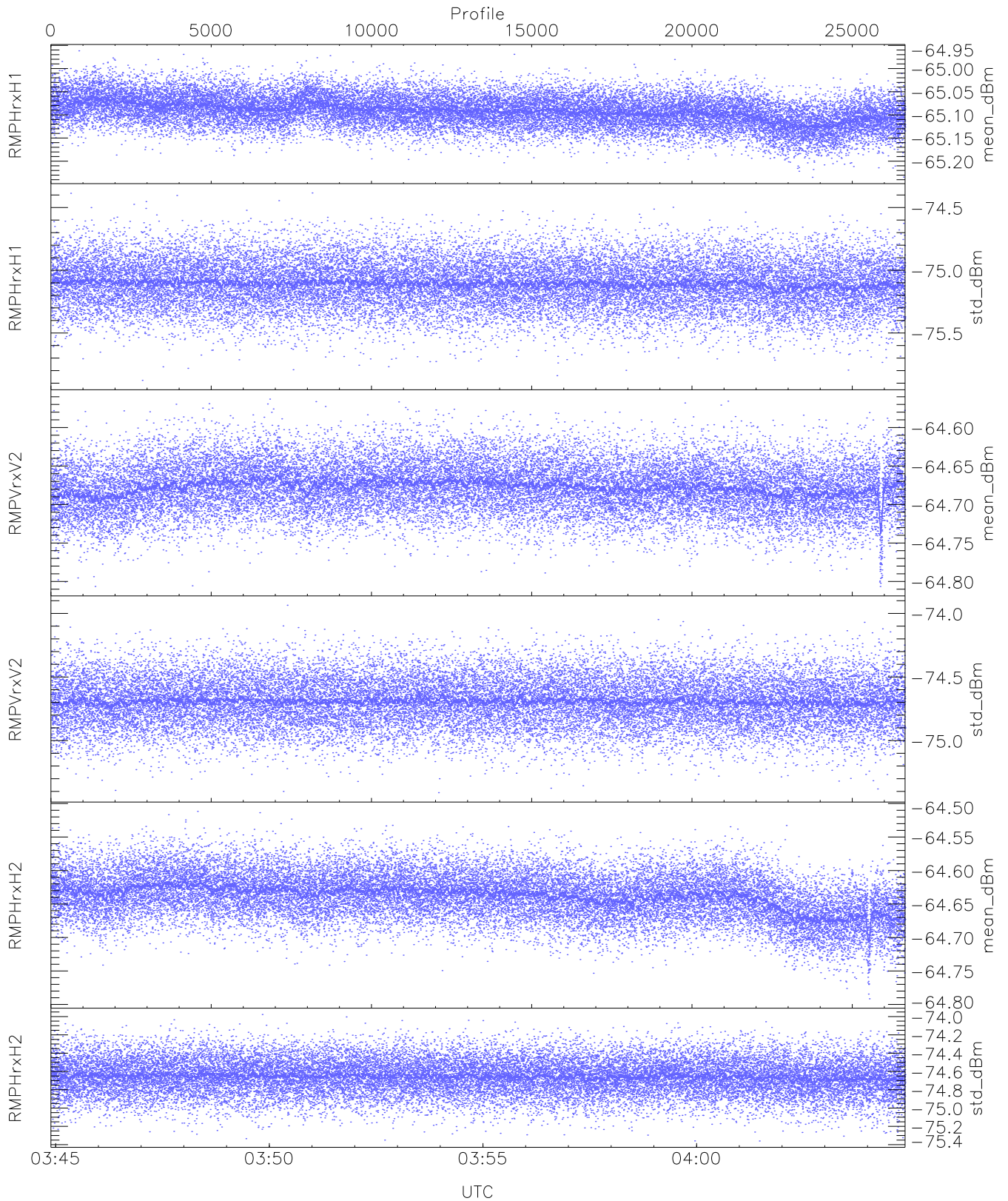
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,92,22,24,24,25
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,25,26,26
 LOalarm(20,240,2817,14861 MHz): 0,0,90,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (92,92,92,68,92,92,92,68)



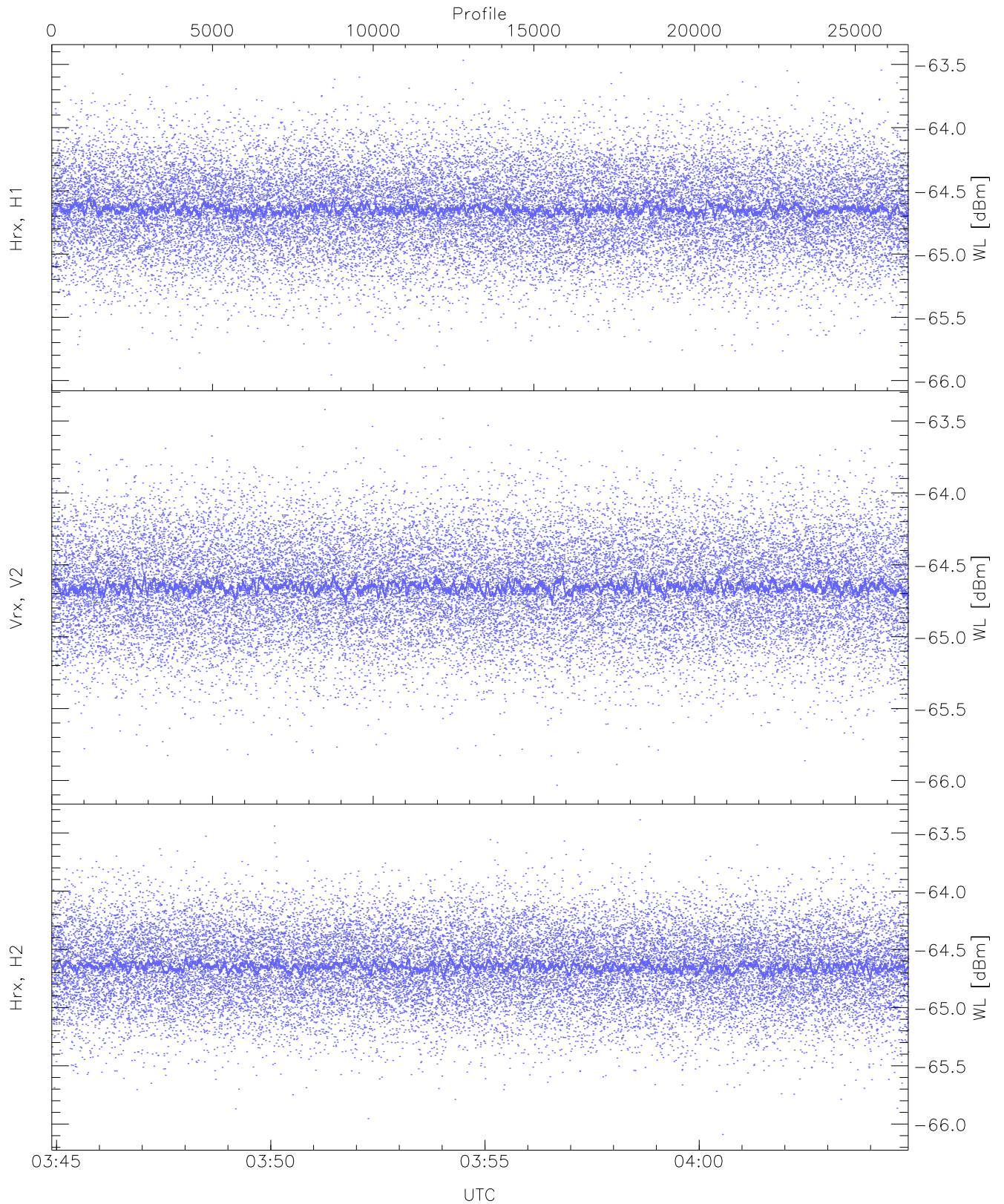
WCR3 CPP Receivers Gain and Noise Figure

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



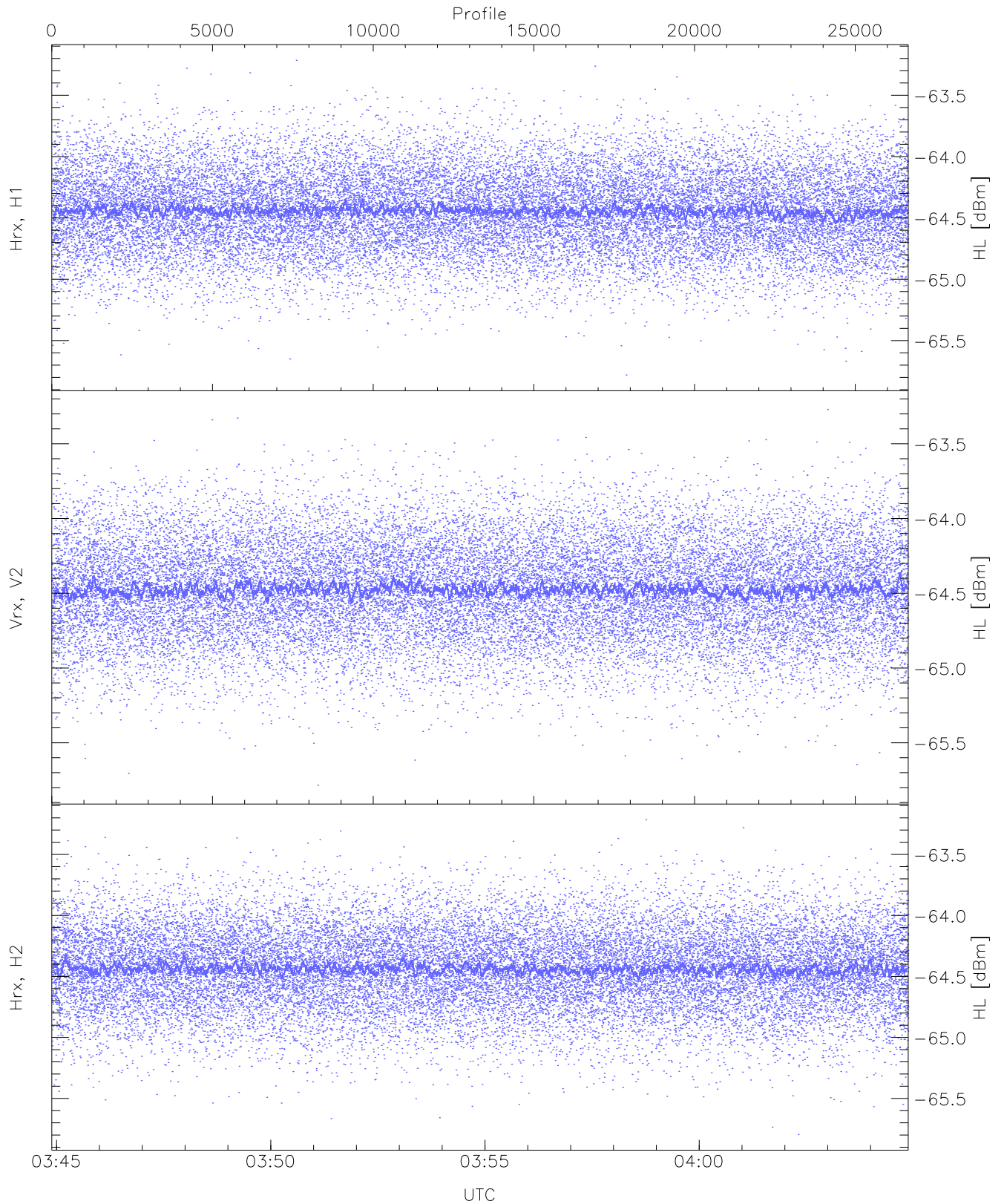
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.23	-64.96	-65.09	-65.09	-86.27
RMPHrxH1(std_dBm)	-75.88	-74.38	-75.11	-75.11	-88.90
RMPVrxV2(mean_dBm)	-64.81	-64.56	-64.68	-64.68	-86.11
RMPVrxV2(std_dBm)	-75.41	-73.94	-74.69	-74.69	-88.48
RMPHrxH2(mean_dBm)	-64.79	-64.51	-64.64	-64.64	-85.75
RMPHrxH2(std_dBm)	-75.36	-73.98	-74.65	-74.66	-88.38



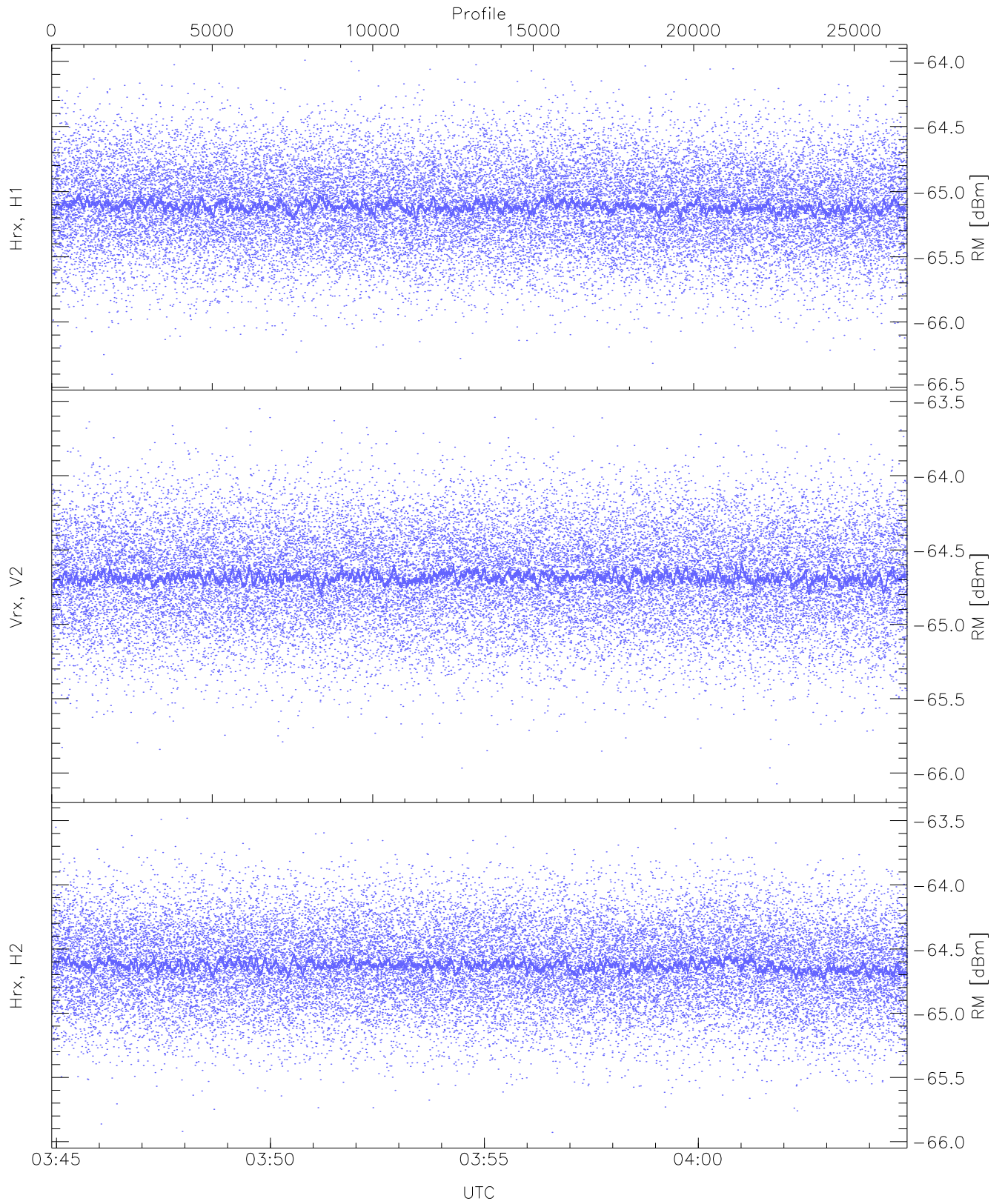
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.96	-63.47	-64.64	-64.65	-76.15
Vrx, V2 (WL [dBm])	-66.03	-63.42	-64.65	-64.66	-76.13
Hrx, H2 (WL [dBm])	-66.09	-63.39	-64.64	-64.65	-76.18



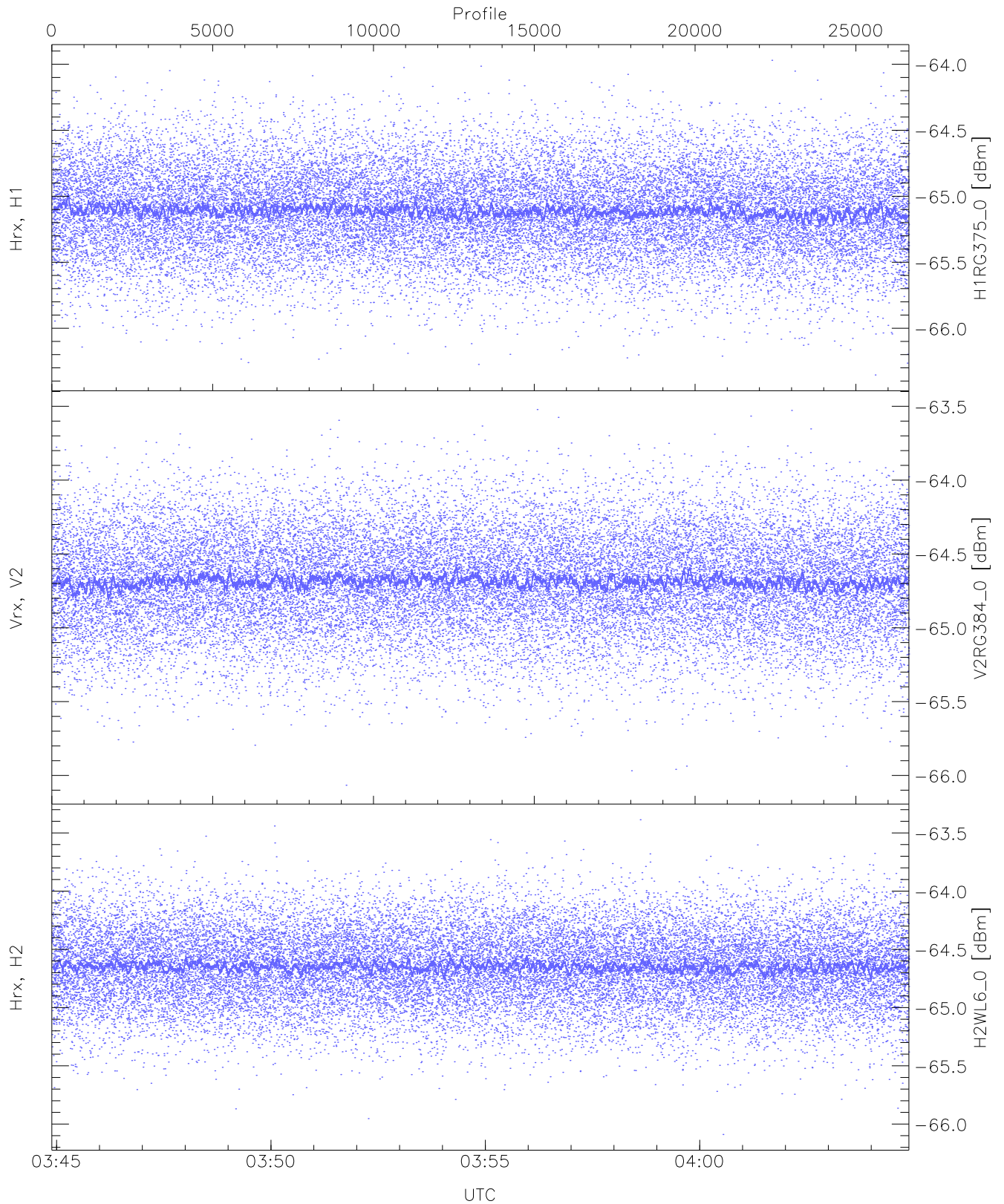
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.78	-63.22	-64.44	-64.45	-75.93
Vrx, V2 (HL [dBm])	-65.78	-63.27	-64.47	-64.48	-75.99
Hrx, H2 (HL [dBm])	-65.80	-63.22	-64.43	-64.44	-75.93



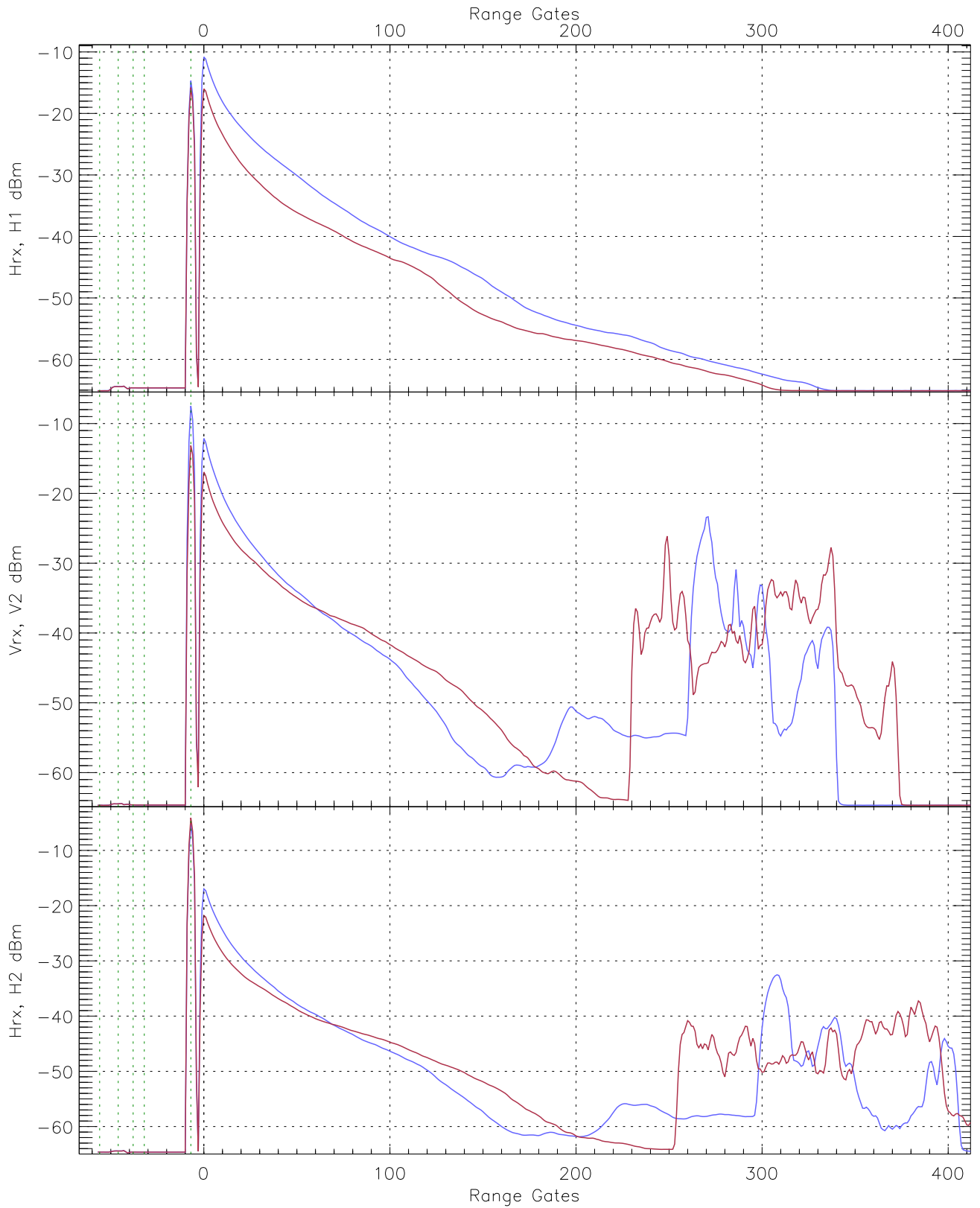
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.40	-63.99	-65.11	-65.11	-76.57
Vrx, V2 (RM [dBm])	-66.07	-63.55	-64.68	-64.68	-76.20
Hrx, H2 (RM [dBm])	-65.93	-63.48	-64.62	-64.63	-76.14

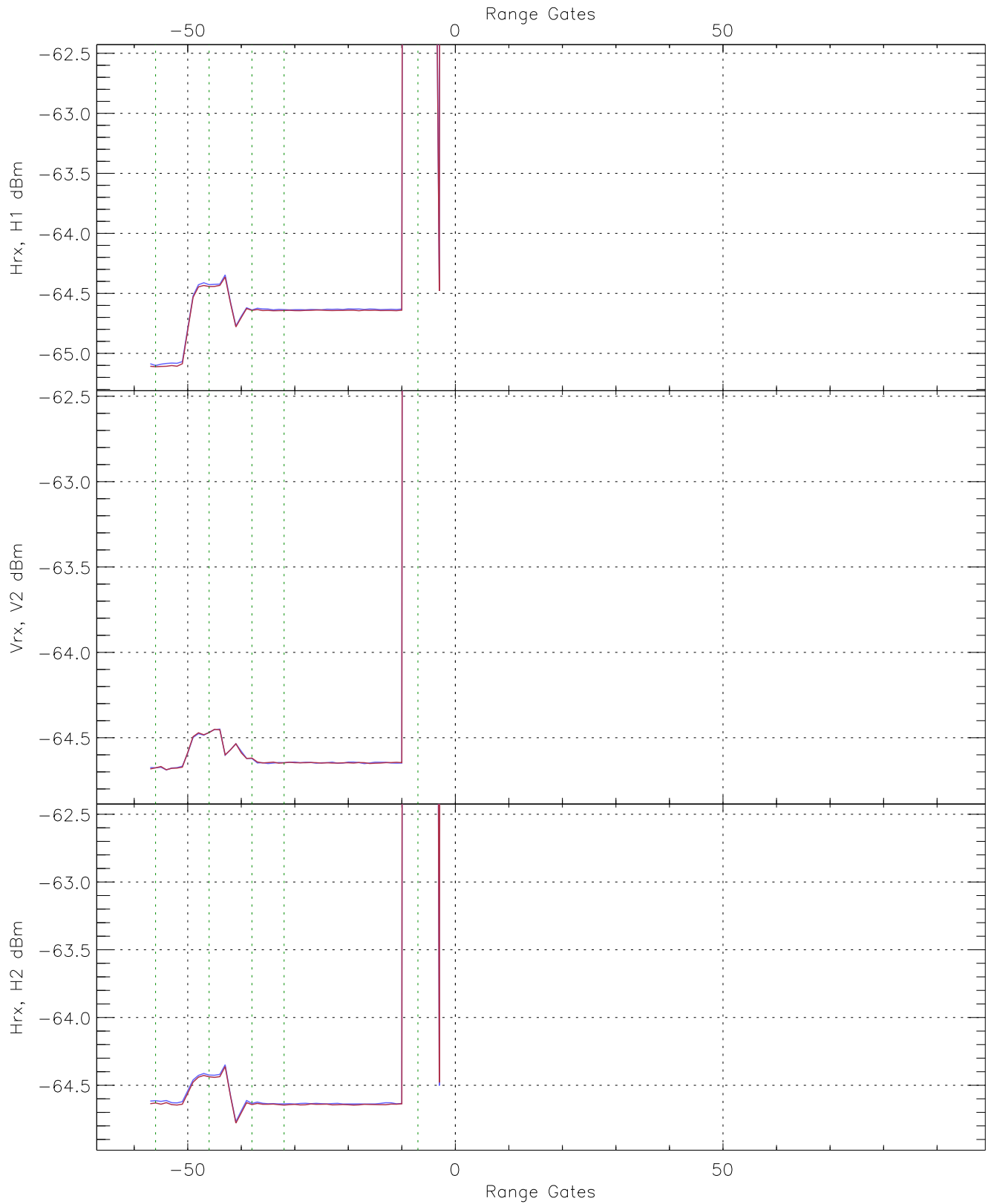


WCR3 CPP "Best" estimate Receivers Noise Power

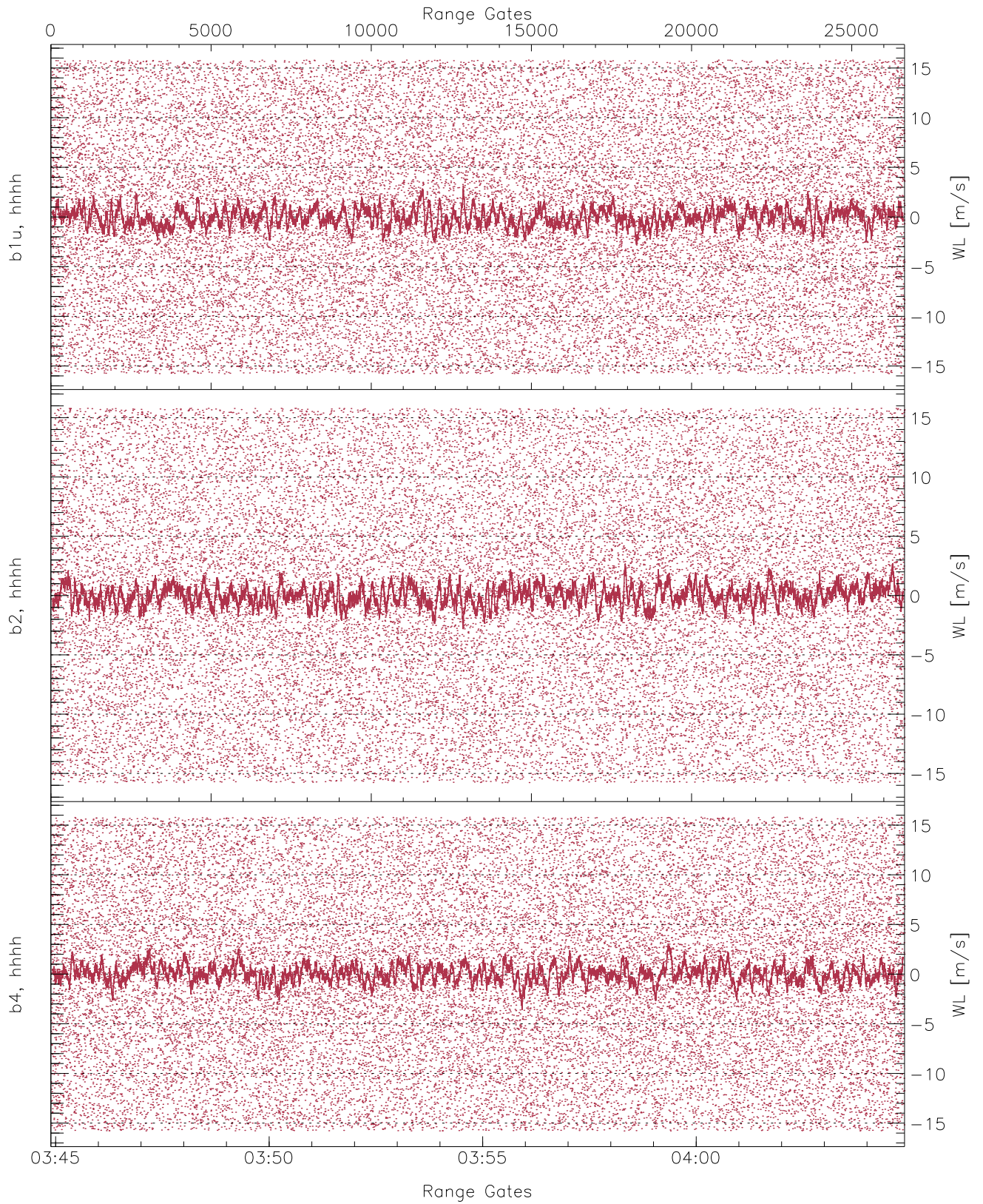
	Min	Max	Mean	Median	StDev
H1RG375_0 [dBm]	-66.35	-63.97	-65.11	-65.11	-76.64
V2RG384_0 [dBm]	-66.07	-63.52	-64.68	-64.69	-76.17
H2WL6_0 [dBm]	-66.09	-63.39	-64.64	-64.65	-76.18



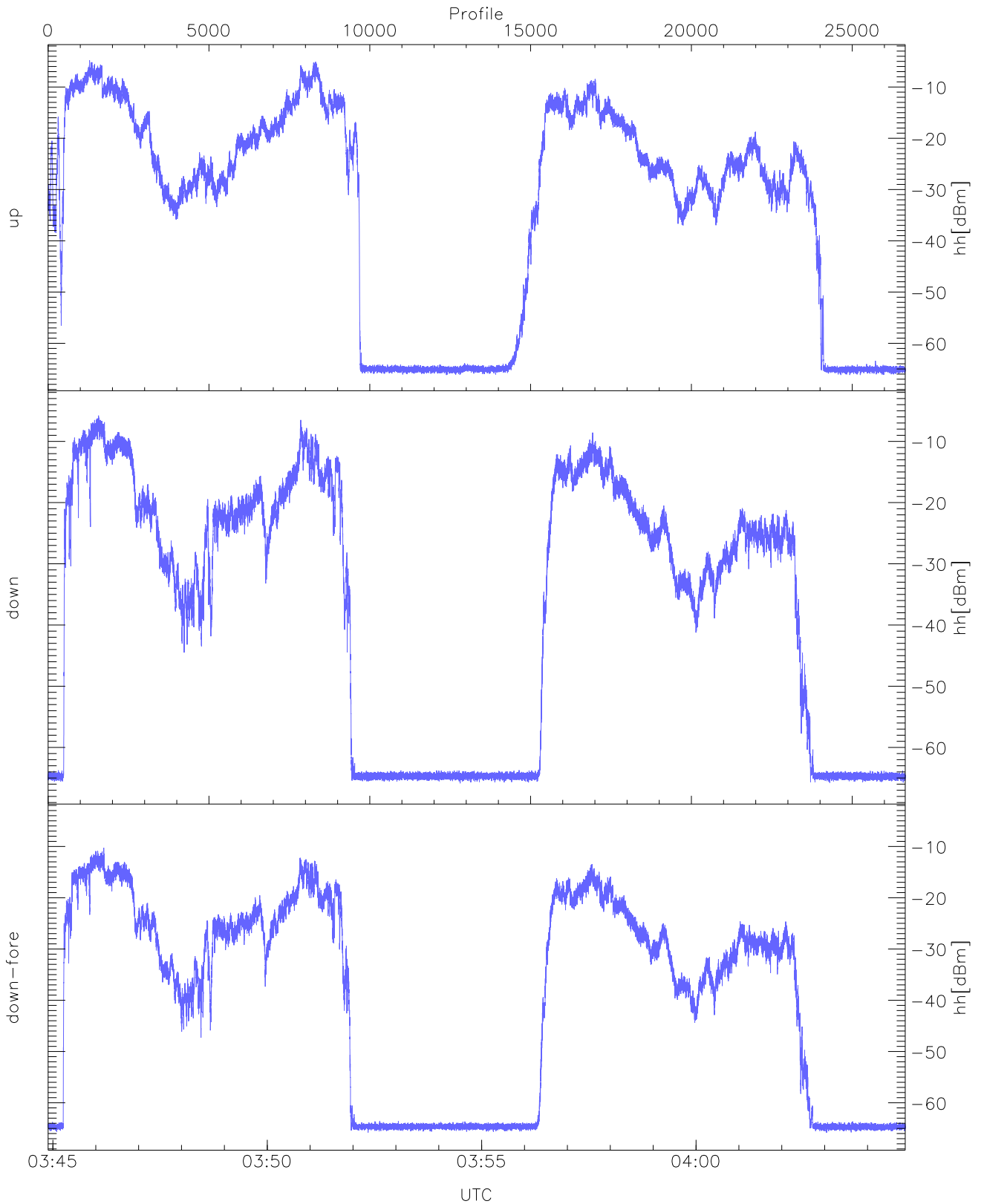
WCR3 CPP Averaged Received power for all recorded gates
blue: 034453-035453, 13325 profiles averaged
red: 035453-040453, 13325 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 034453-035453, 13325 profiles averaged
red: 035453-040453, 13325 profiles averaged

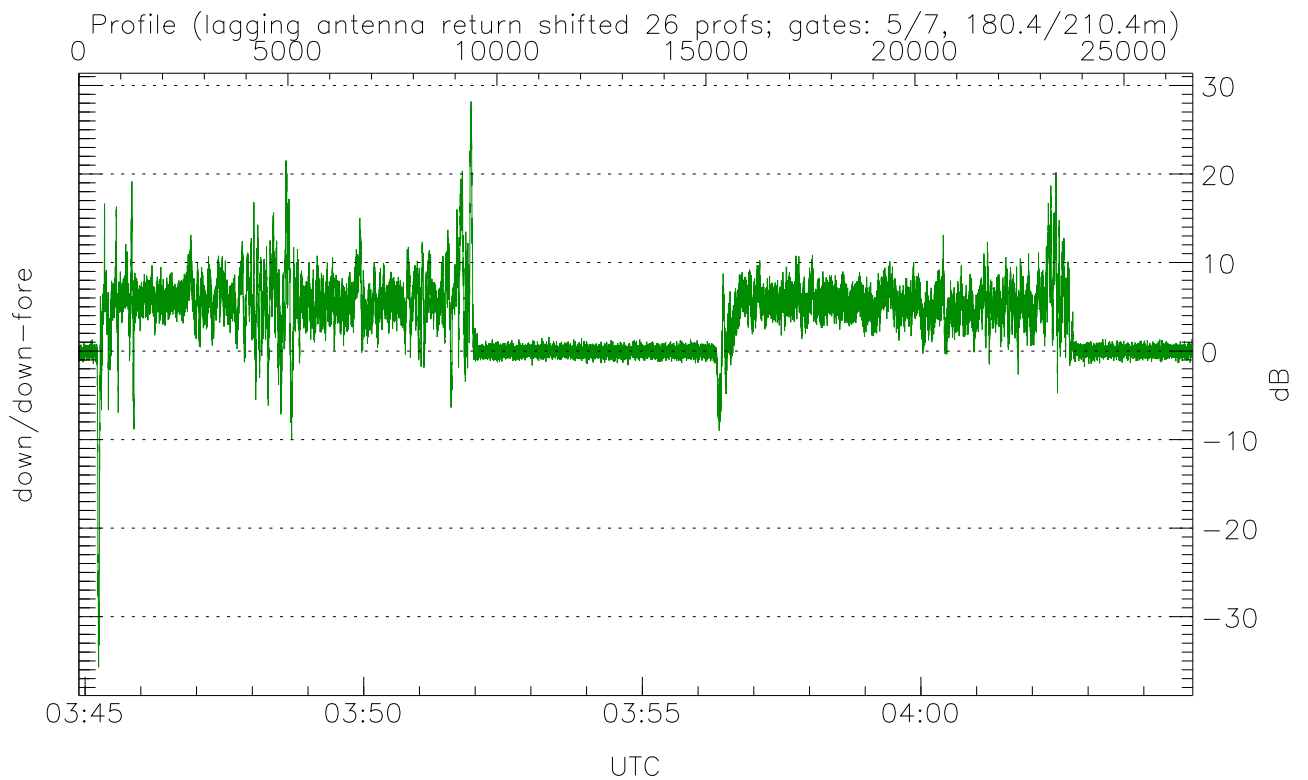
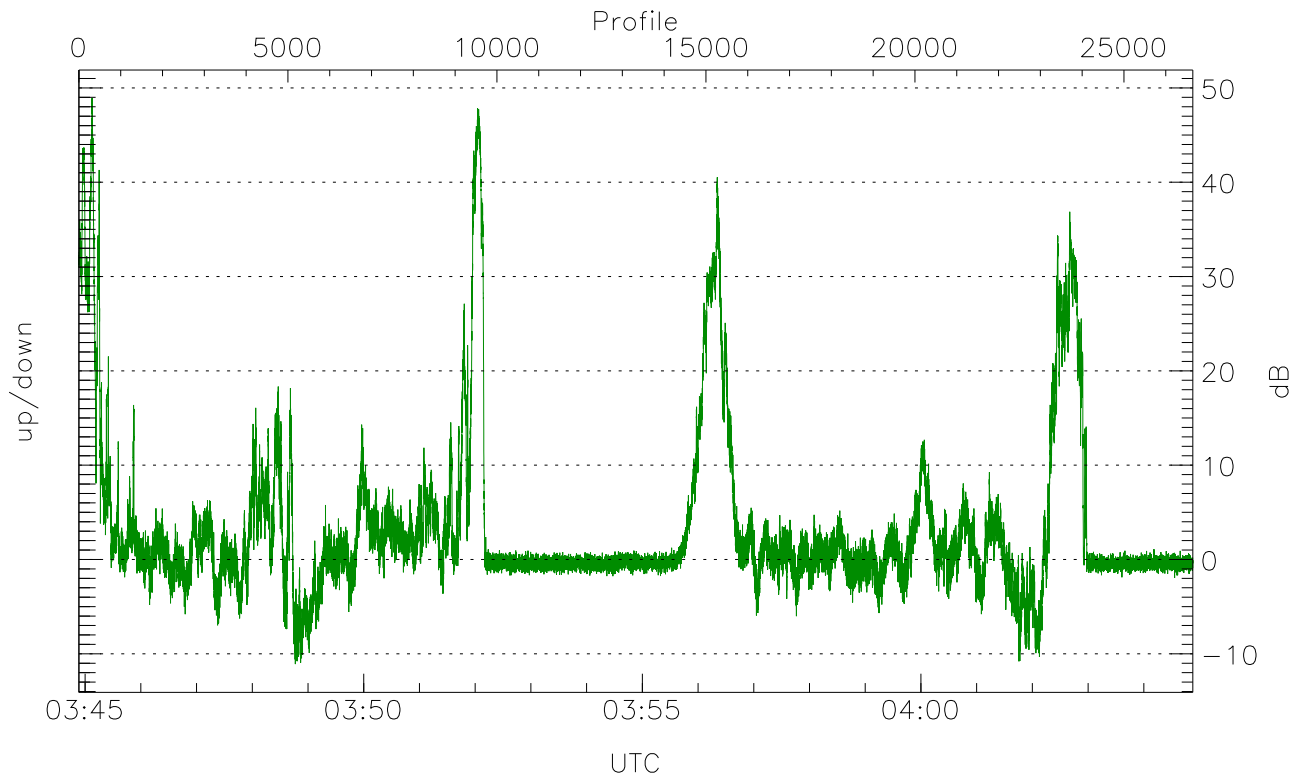


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



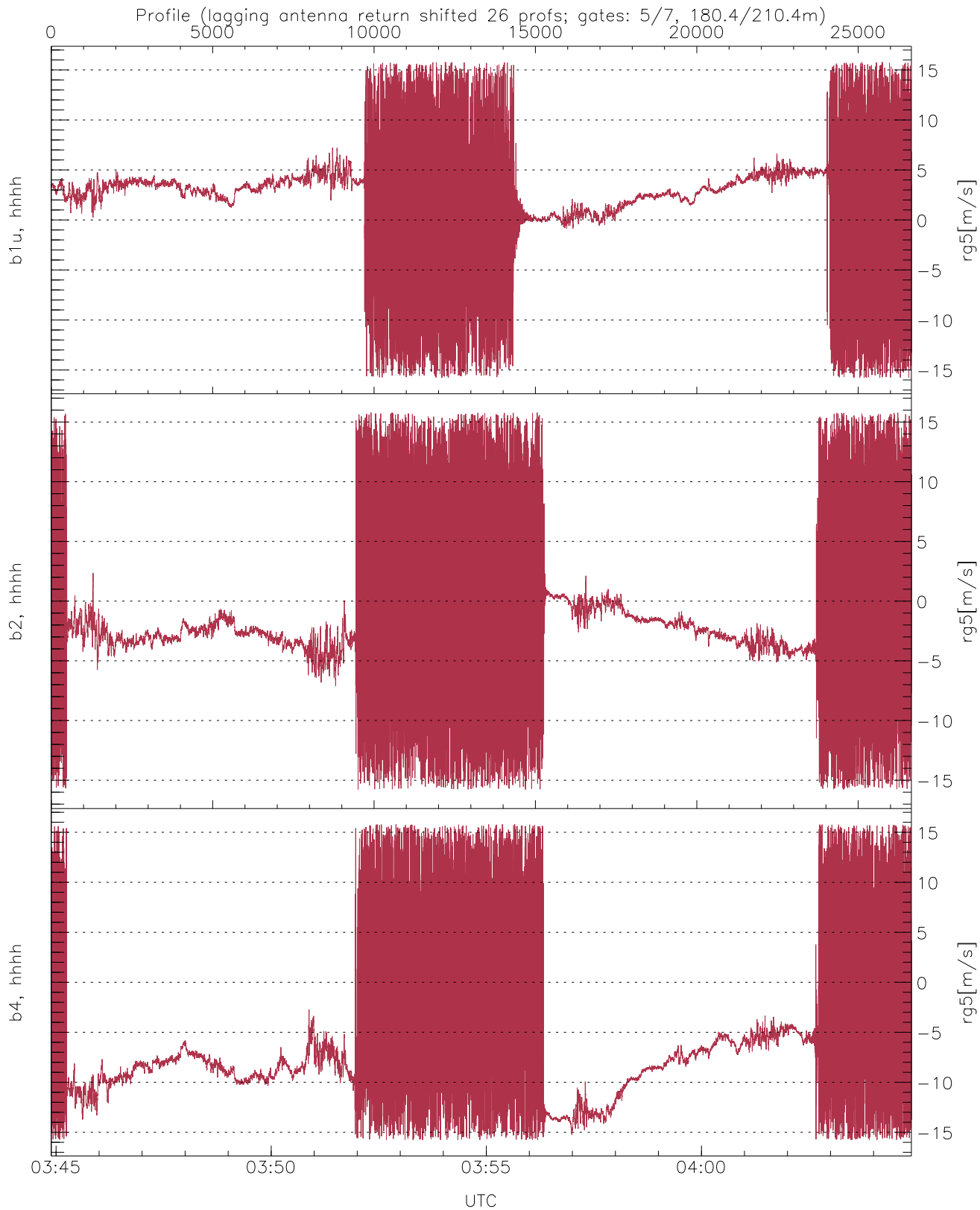
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.18	-4.79	-16.76
down(hh[dBm])	-65.86	-5.78	-18.33
down-fore(hh[dBm])	-65.83	-10.25	-22.72



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

	Min	Max	Mean
up/down (dB)	-11.09	48.90	3.34
down/down-fore (dB)	-35.72	28.19	3.59



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	2.12	4.63
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.68	5.26
b4, hhhh(rg5[m/s])	-15.78	15.79	-5.71	6.73