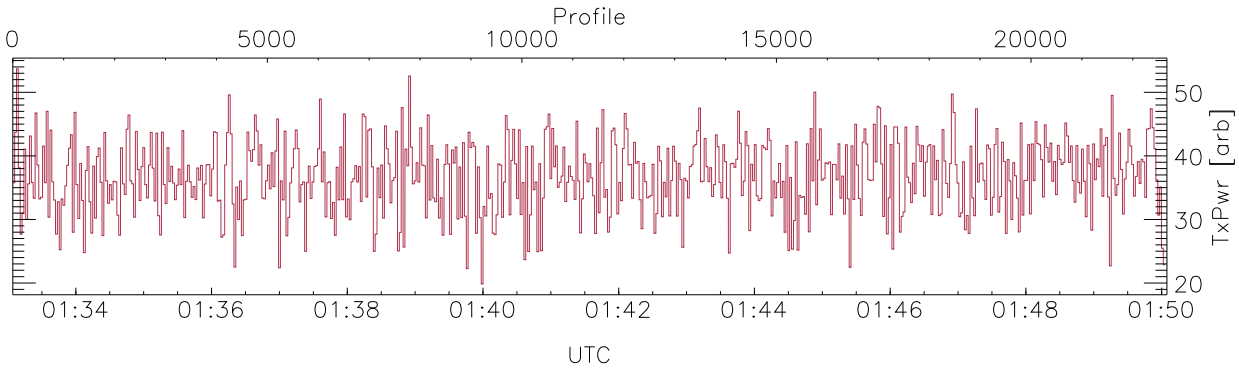
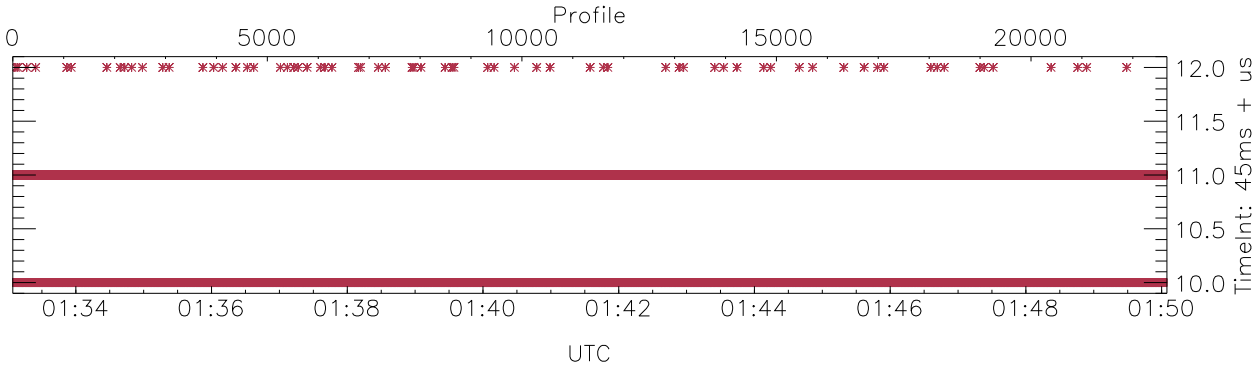
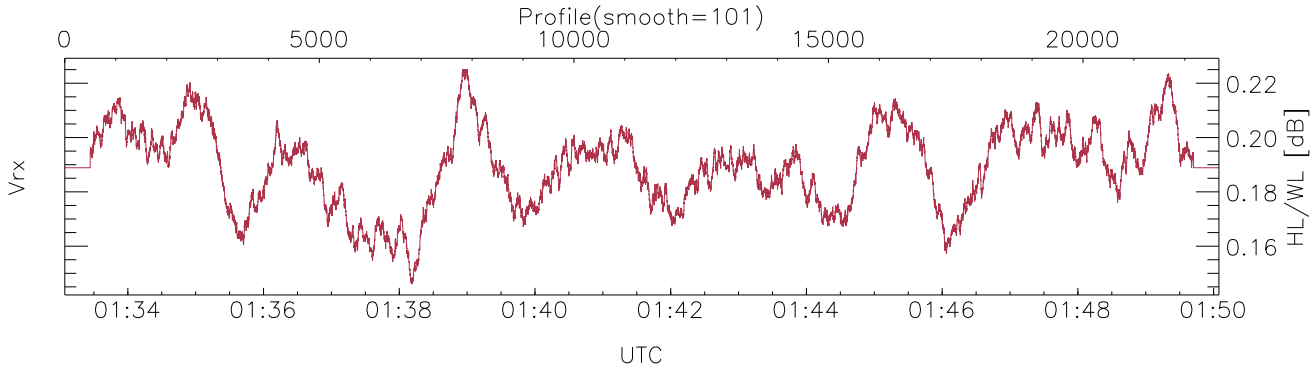
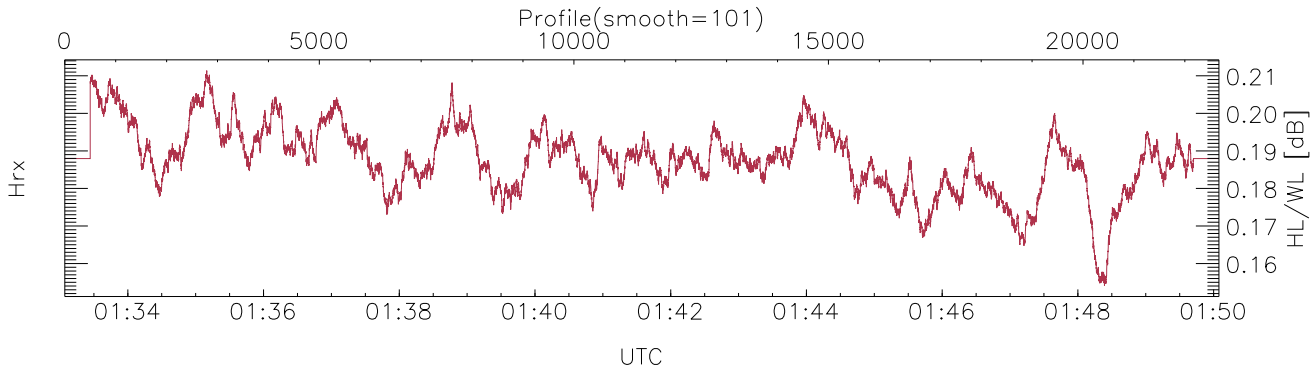


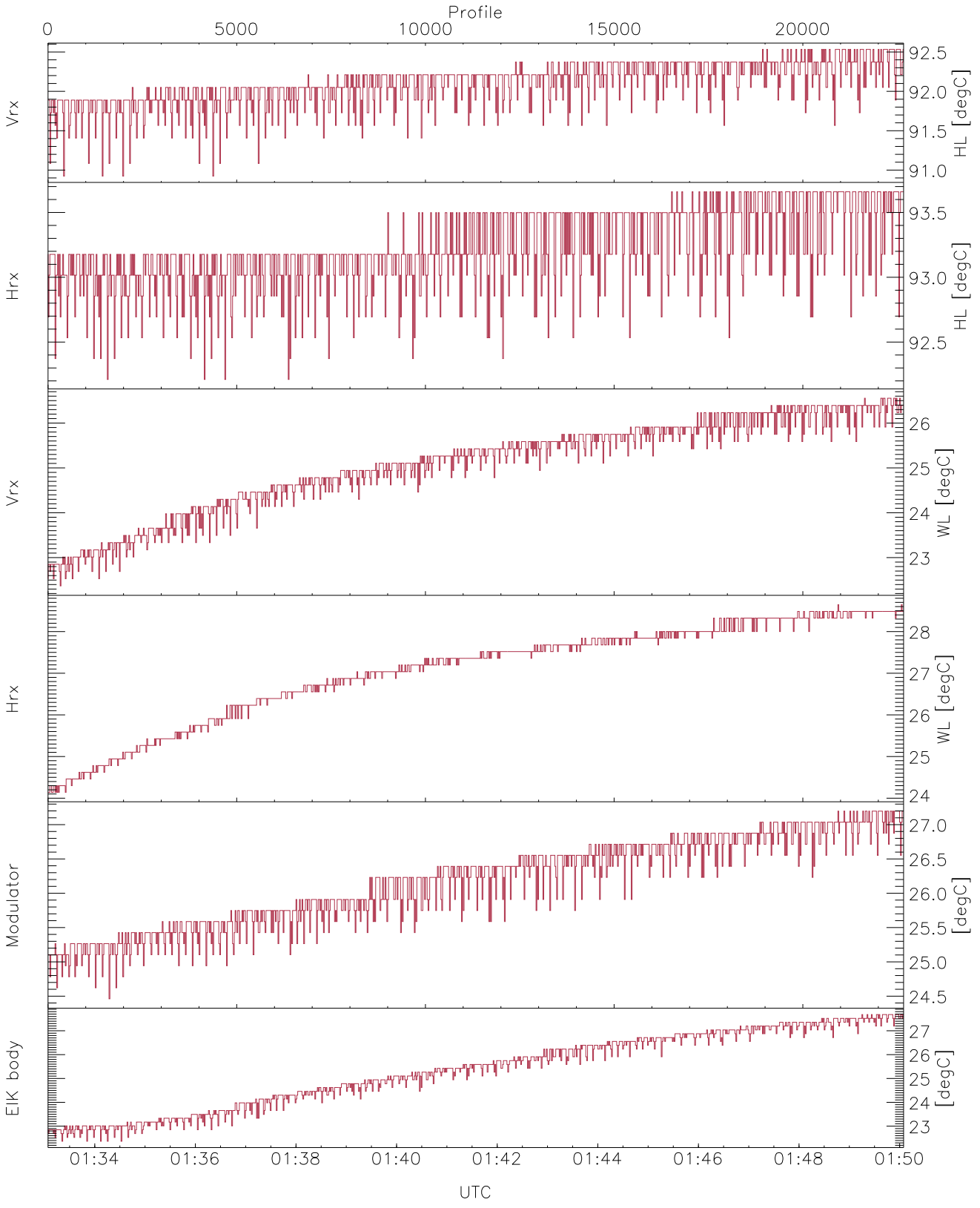






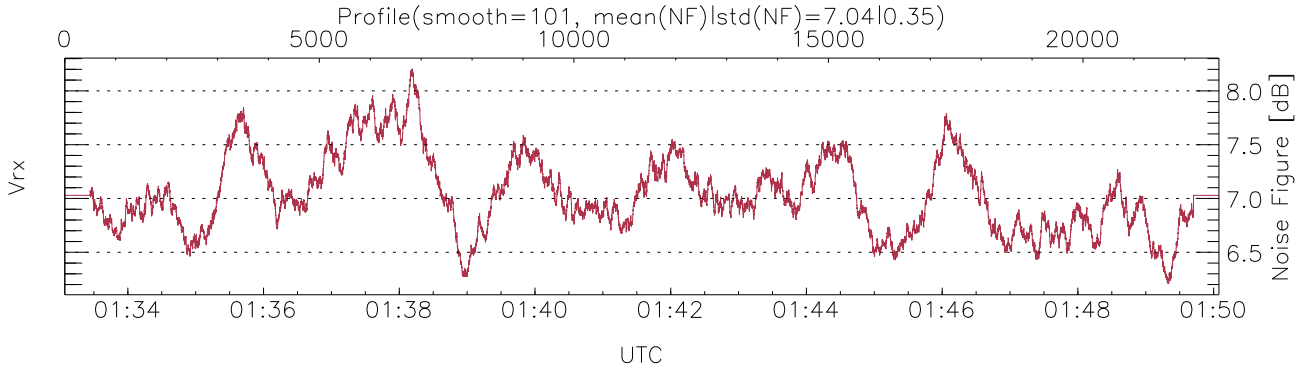
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

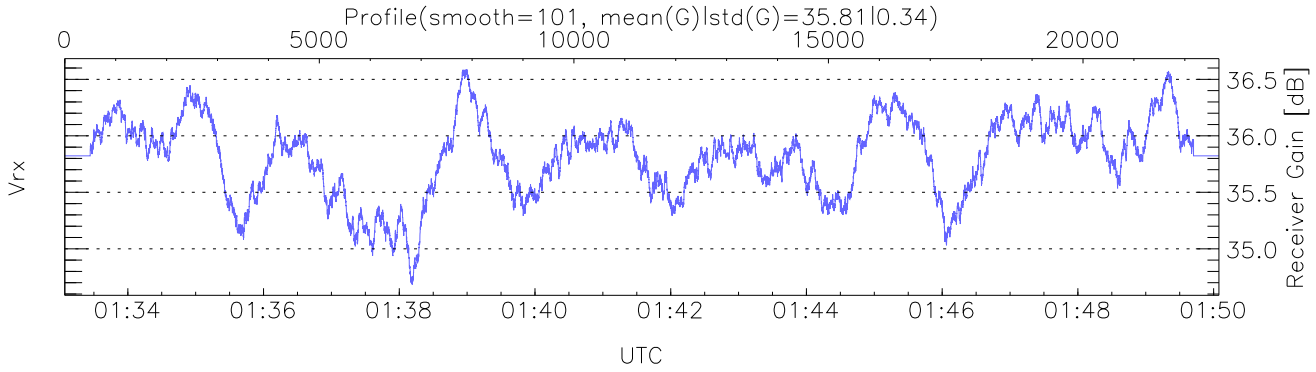
UTC: 01:33:04-01:50:05, TimeCor: 0.00s, Dur: 1020.45s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 22672/22672, 0-22671/01:33:04-01:50:05
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1

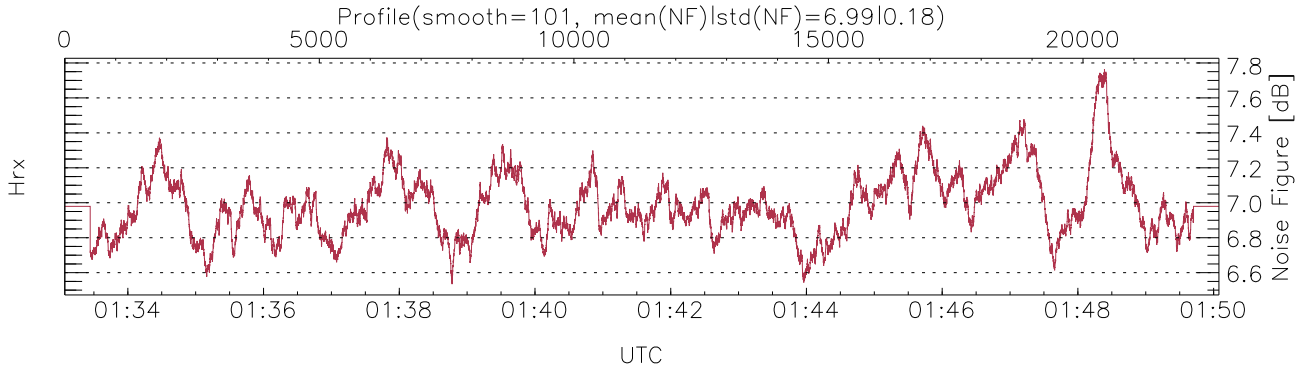


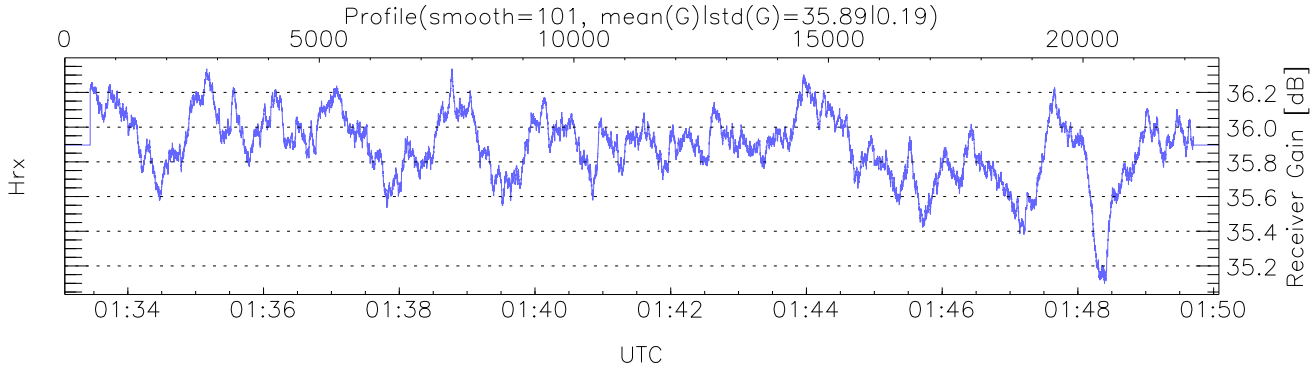
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,24,24,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,28,27,27
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
BodyCurr,DeckF,OverDuty (44,44,44)



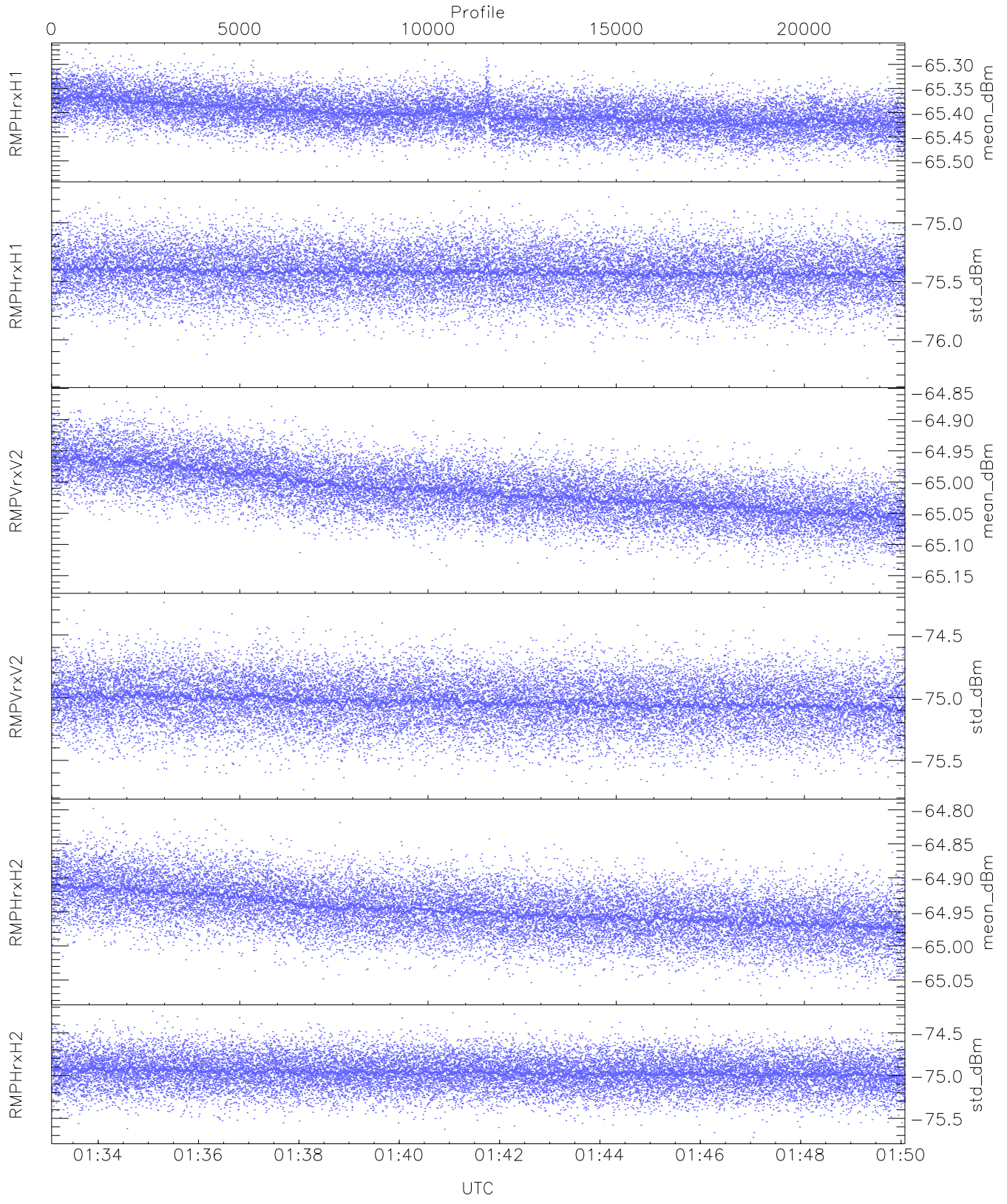






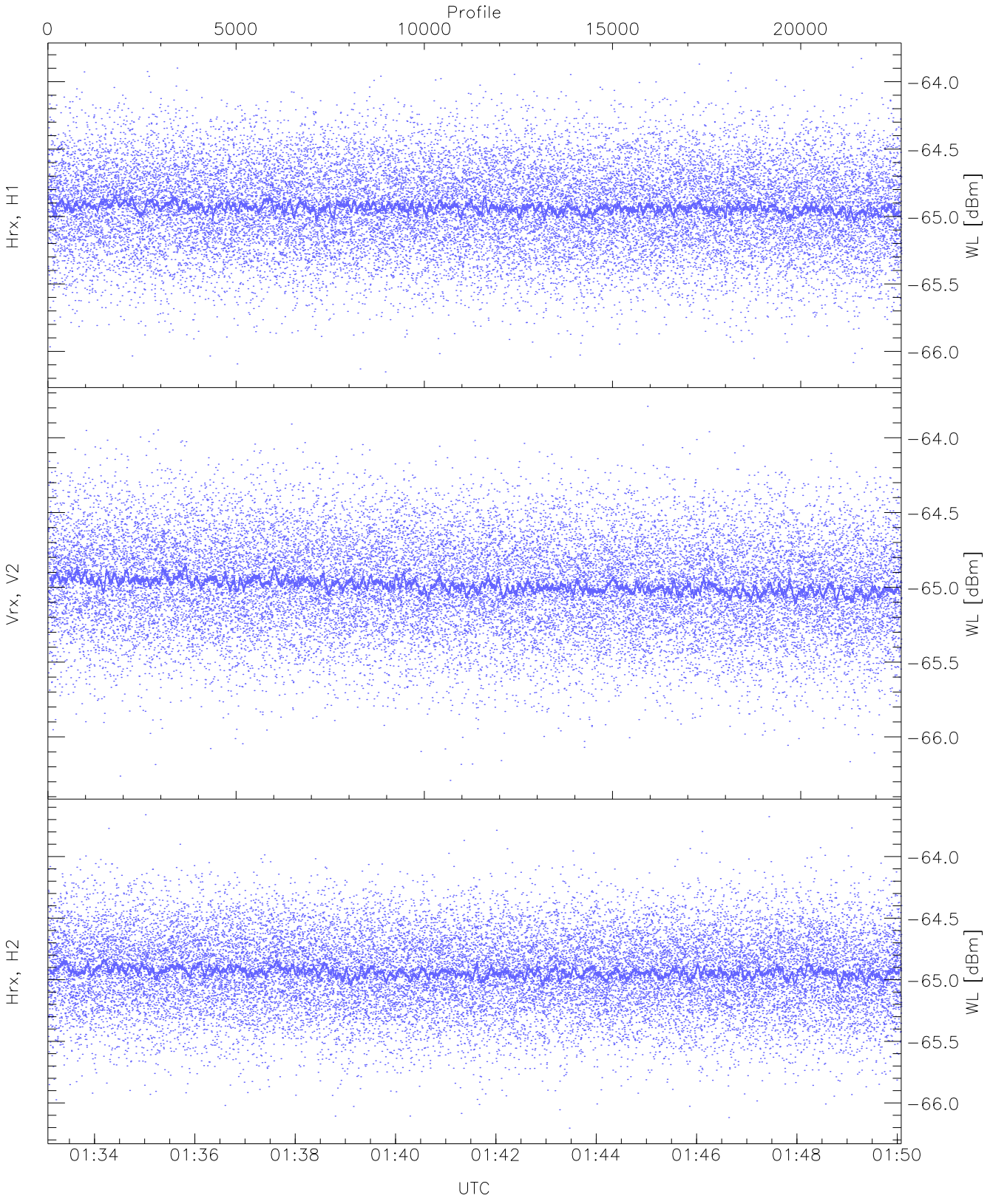
WCR3 CPP Receivers Gain and Noise Figure

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



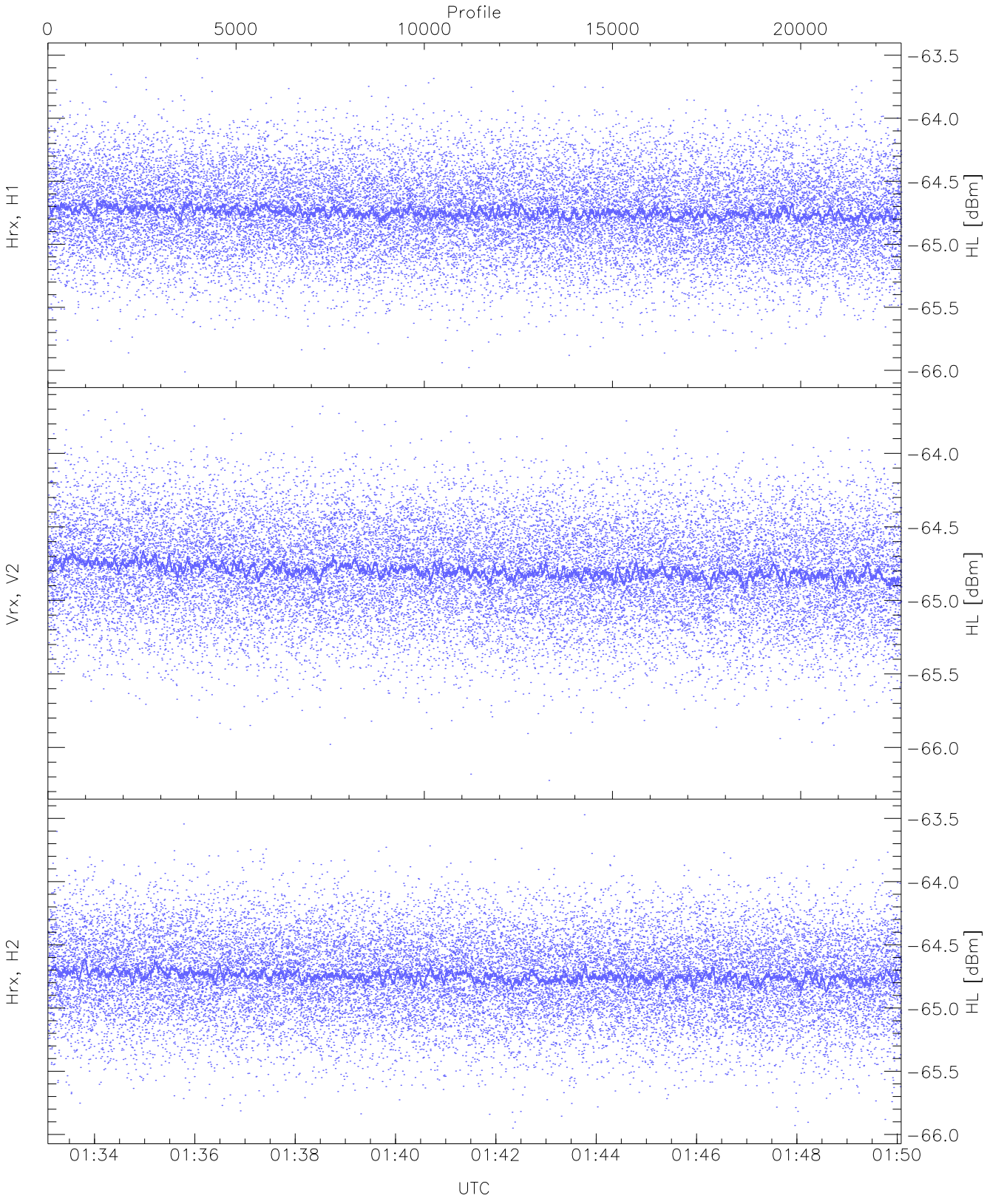
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.53	-65.27	-65.40	-65.40	-86.44
RMPHrxH1(std_dBm)	-76.33	-74.73	-75.42	-75.42	-89.21
RMPVrxV2(mean_dBm)	-65.16	-64.86	-65.01	-65.02	-85.27
RMPVrxV2(std_dBm)	-75.73	-74.24	-75.03	-75.03	-88.77
RMPHrxH2(mean_dBm)	-65.07	-64.80	-64.95	-64.95	-85.86
RMPHrxH2(std_dBm)	-75.72	-74.25	-74.96	-74.96	-88.74



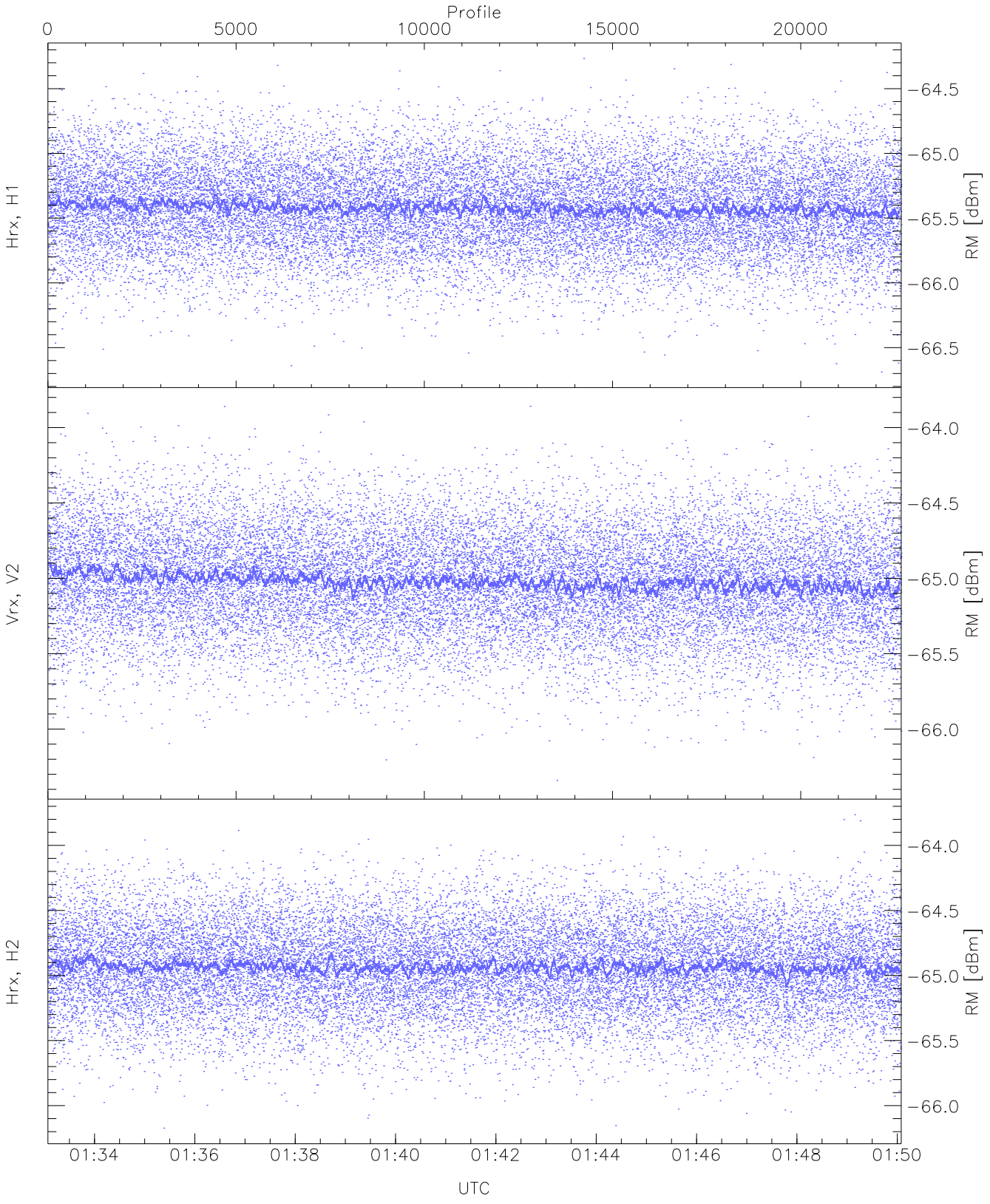
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.15	-63.83	-64.93	-64.93	-76.42
Vrx, V2(WL [dBm])	-66.29	-63.79	-64.98	-64.99	-76.46
Hrx, H2(WL [dBm])	-66.20	-63.66	-64.93	-64.94	-76.43



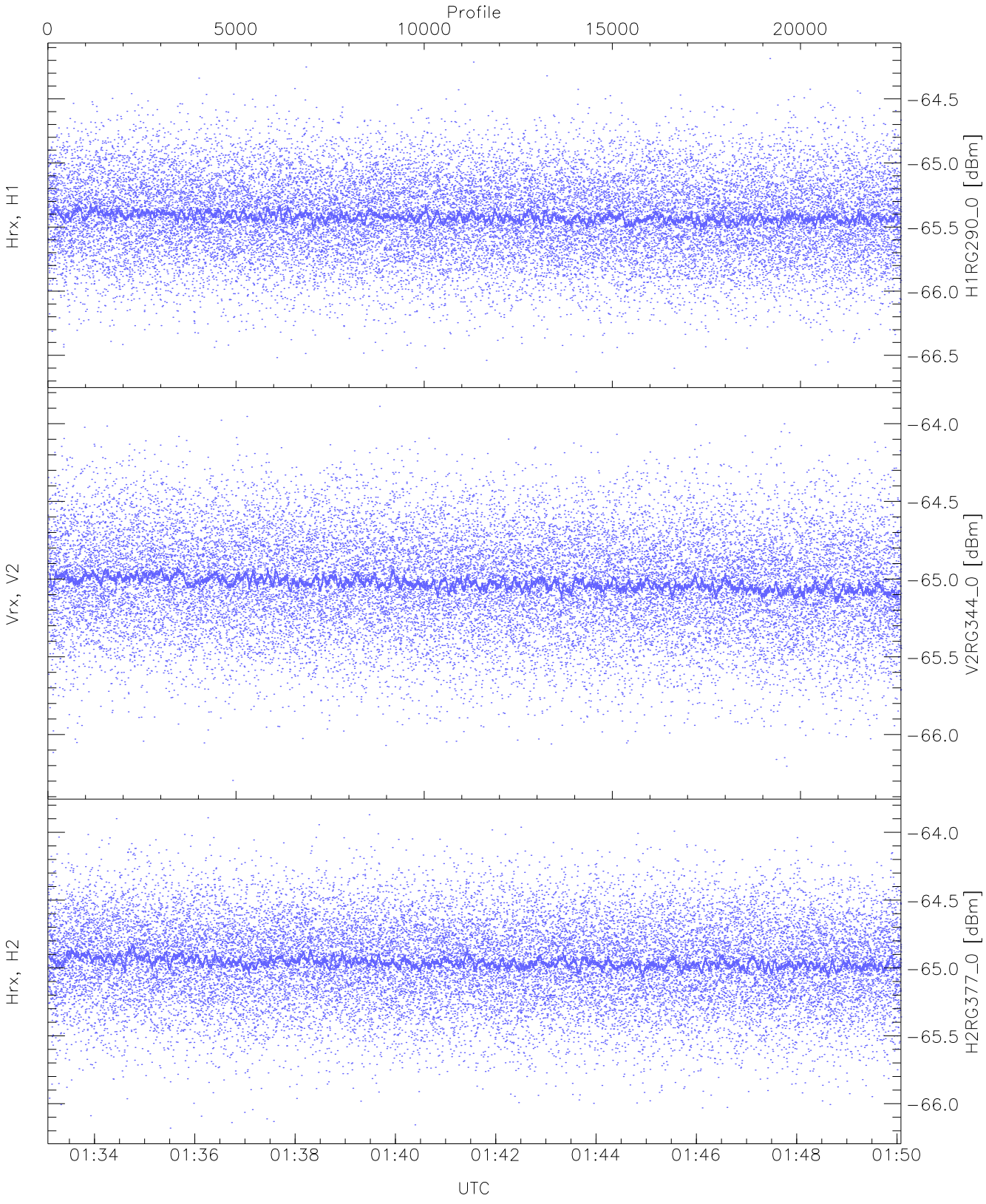
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.01	-63.53	-64.74	-64.75	-76.24
Vrx, V2(HL [dBm])	-66.22	-63.68	-64.79	-64.80	-76.30
Hrx, H2(HL [dBm])	-65.95	-63.47	-64.74	-64.75	-76.24



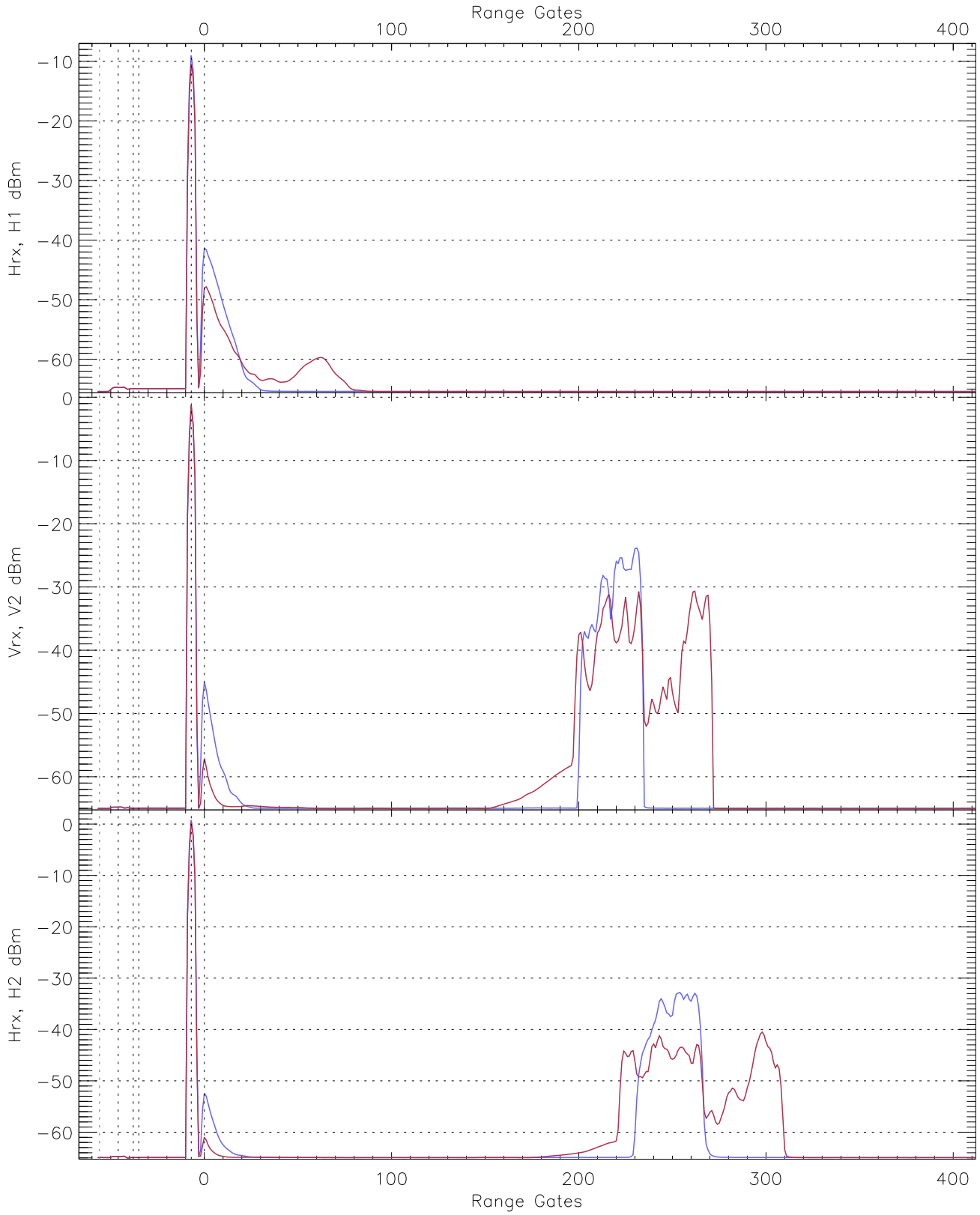
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.69	-64.27	-65.41	-65.42	-76.89
Vrx, V2(RM [dBm])	-66.34	-63.86	-65.02	-65.02	-76.51
Hrx, H2(RM [dBm])	-66.17	-63.76	-64.93	-64.93	-76.40

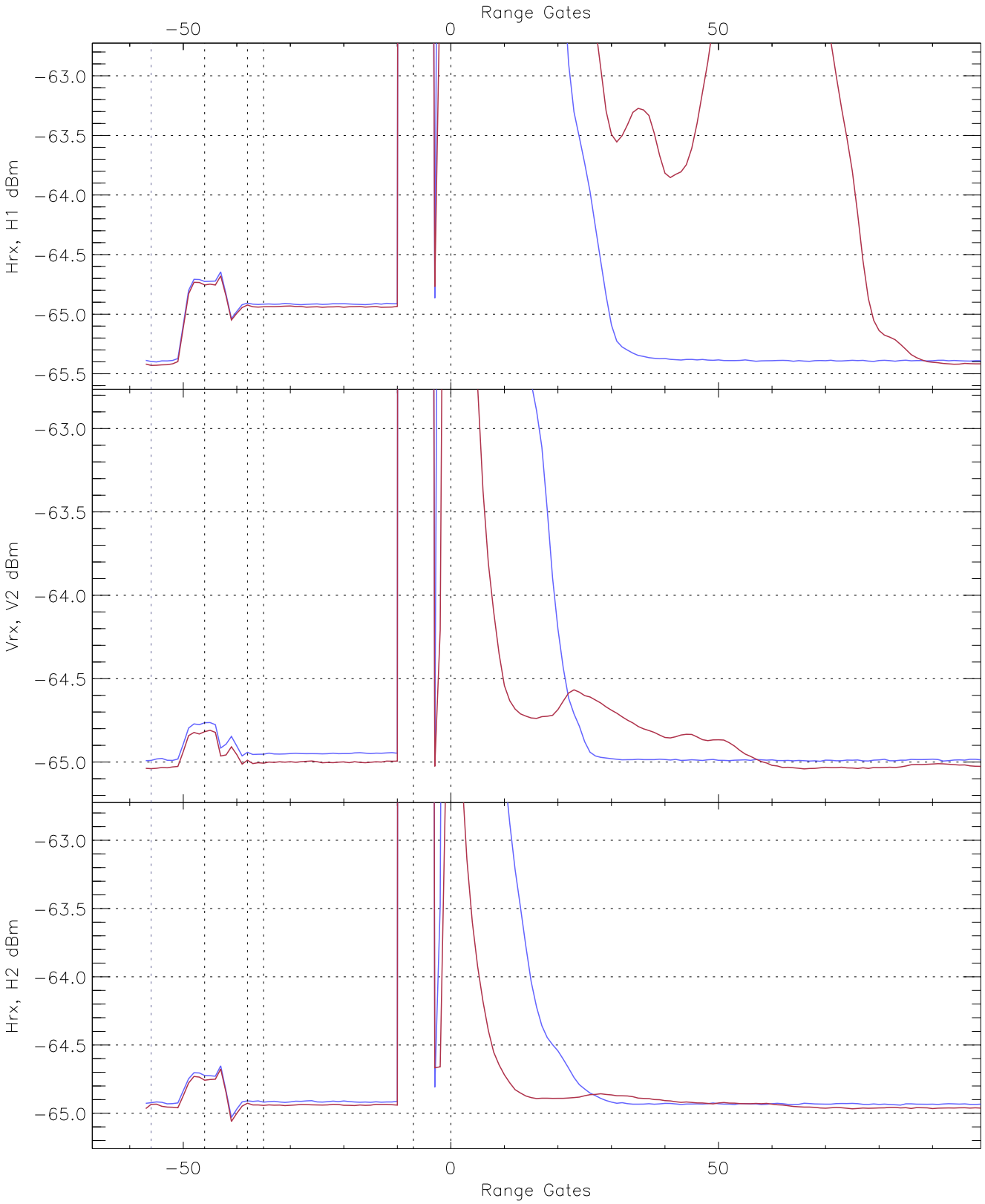


WCR3 CPP "Best" estimate Receivers Noise Power

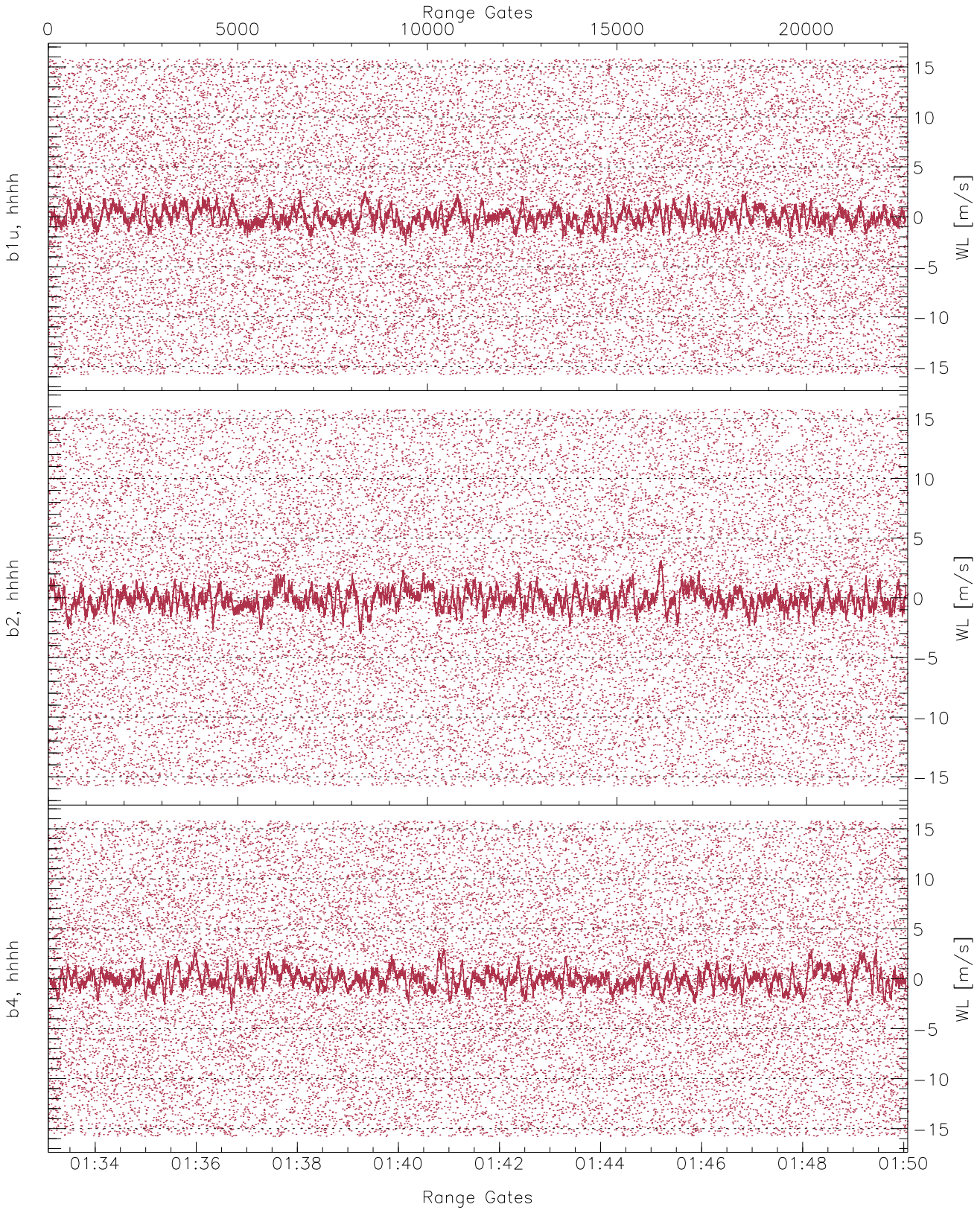
	Min	Max	Mean	Median	StDev
H1RG290_0 [dBm]	-66.63	-64.19	-65.41	-65.42	-76.88
V2RG344_0 [dBm]	-66.30	-63.89	-65.02	-65.03	-76.49
H2RG377_0 [dBm]	-66.18	-63.87	-64.95	-64.96	-76.50



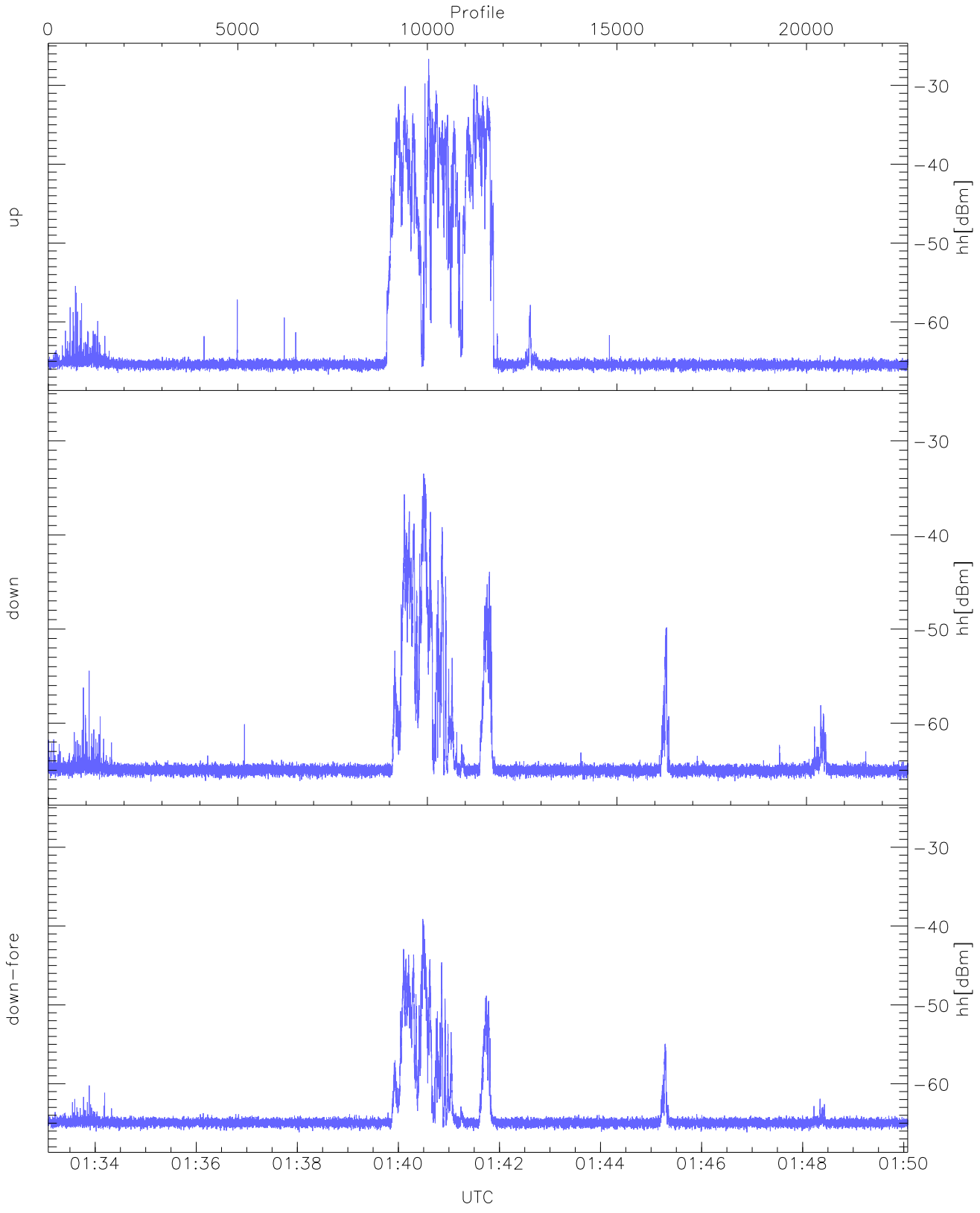
WCR3 CPP Averaged Received power for all recorded gates
blue: 013304-014134, 11337 profiles averaged
red: 014134-015005, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 013304-014134, 11337 profiles averaged
red: 014134-015005, 11336 profiles averaged

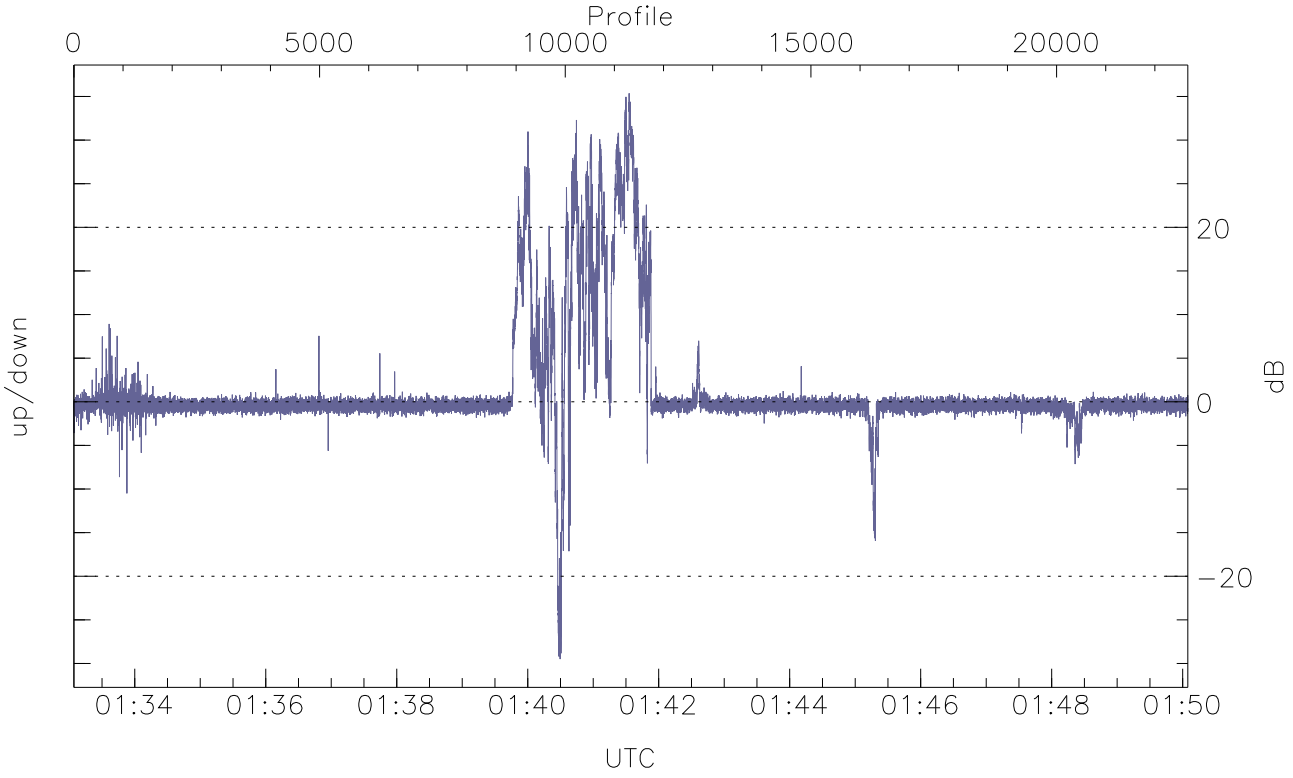


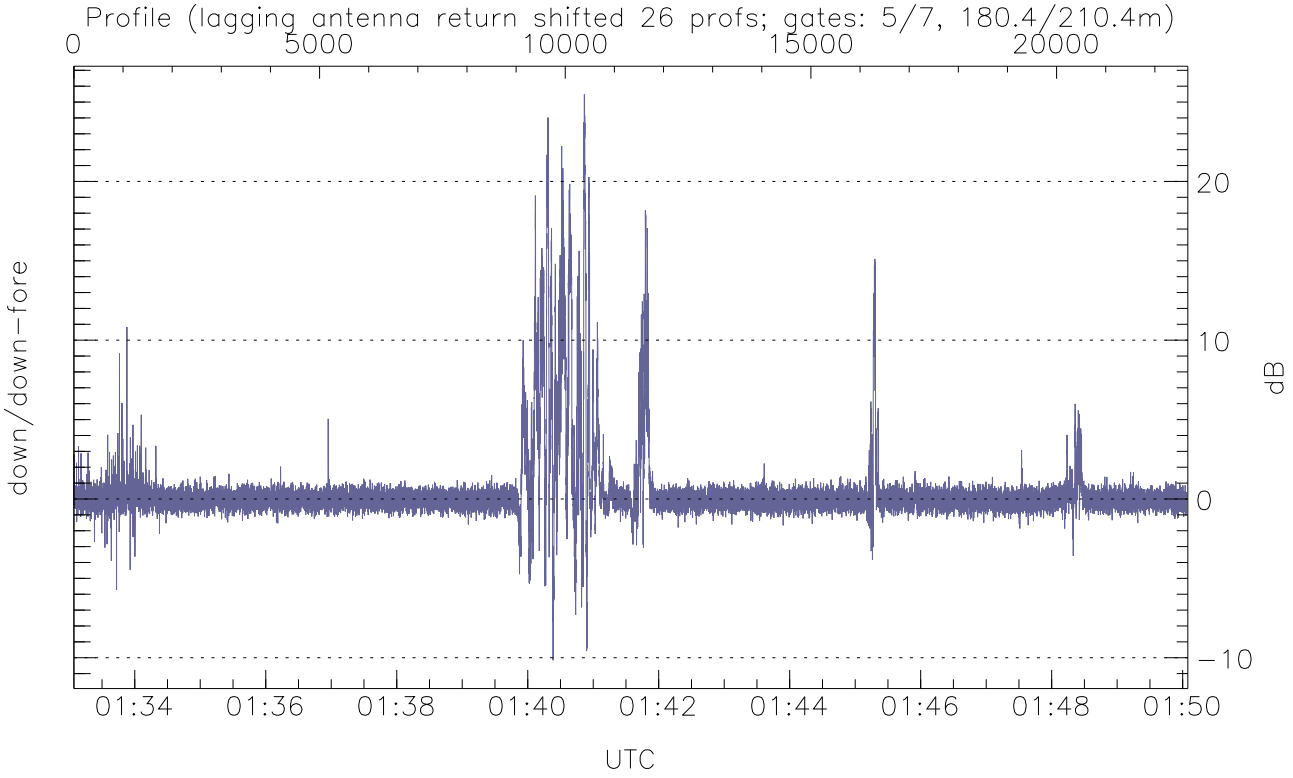
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

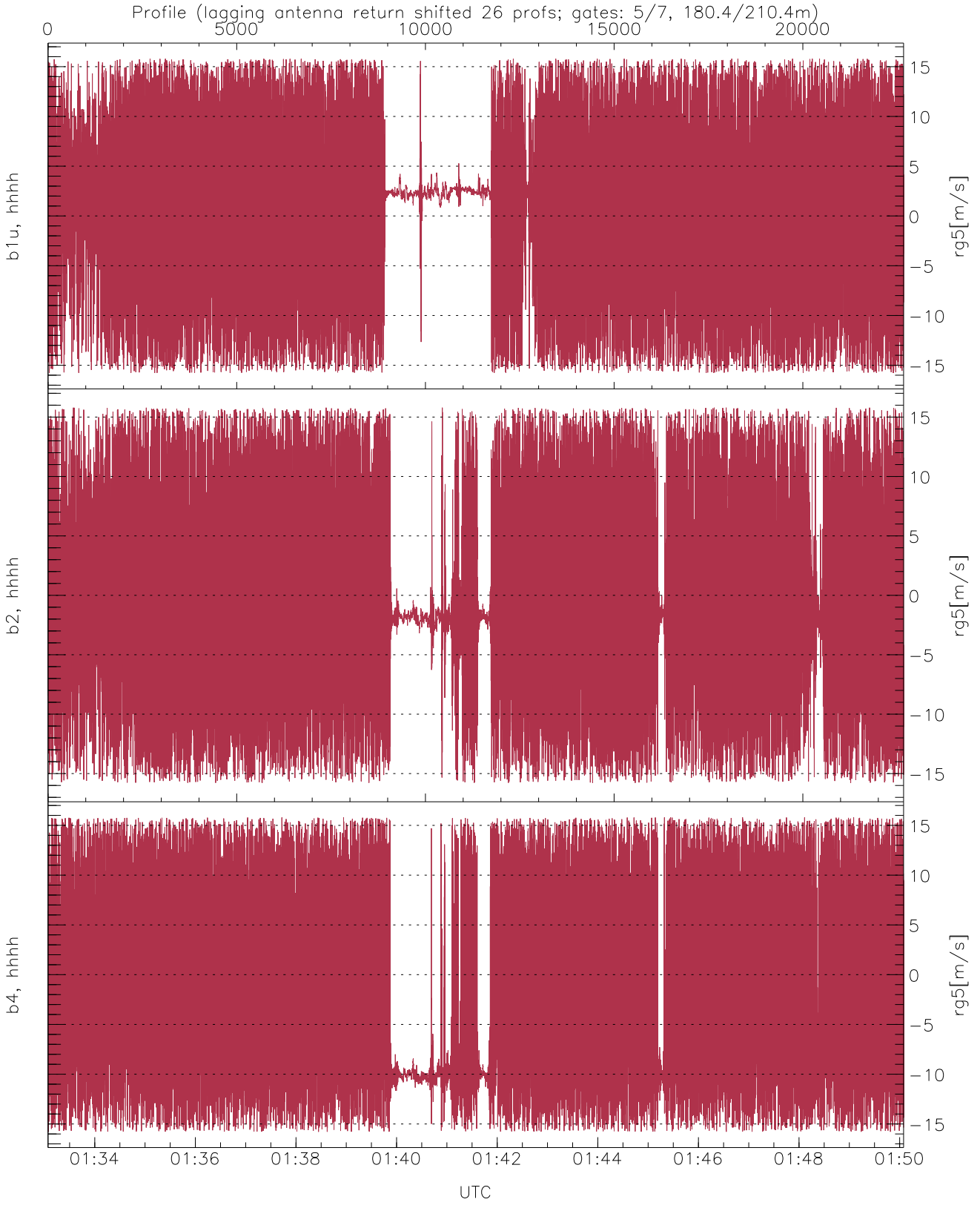
	Min	Max	Mean
up(hh[dBm])	-66.70	-26.66	-47.21
down(hh[dBm])	-66.19	-33.50	-55.92
down-fore(hh[dBm])	-66.16	-39.11	-60.16





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

	Min	Max	Mean
up/down(dB)	-29.49	35.36	1.28
down/down-fore(dB)	-10.16	25.47	0.50



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.55	7.91
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.32	7.86
b4, hhhh(rg5[m/s])	-15.79	15.79	-1.31	8.81