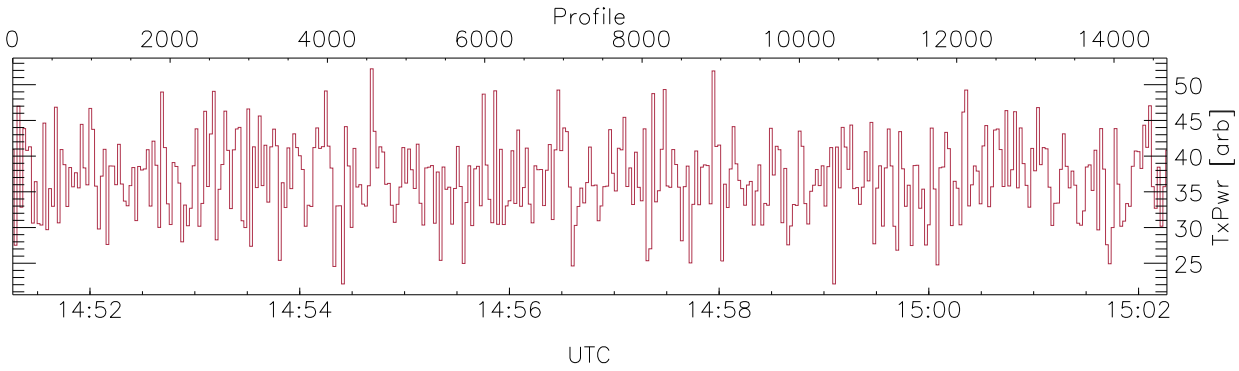
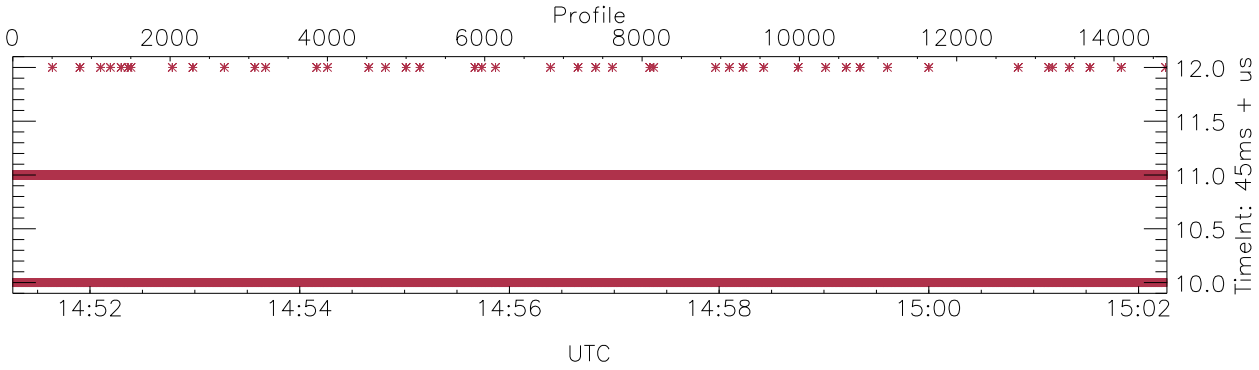
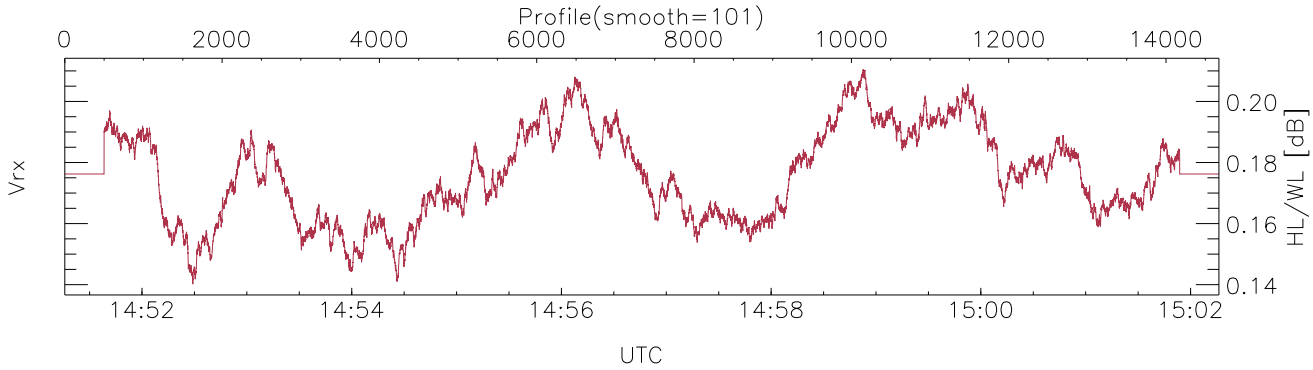
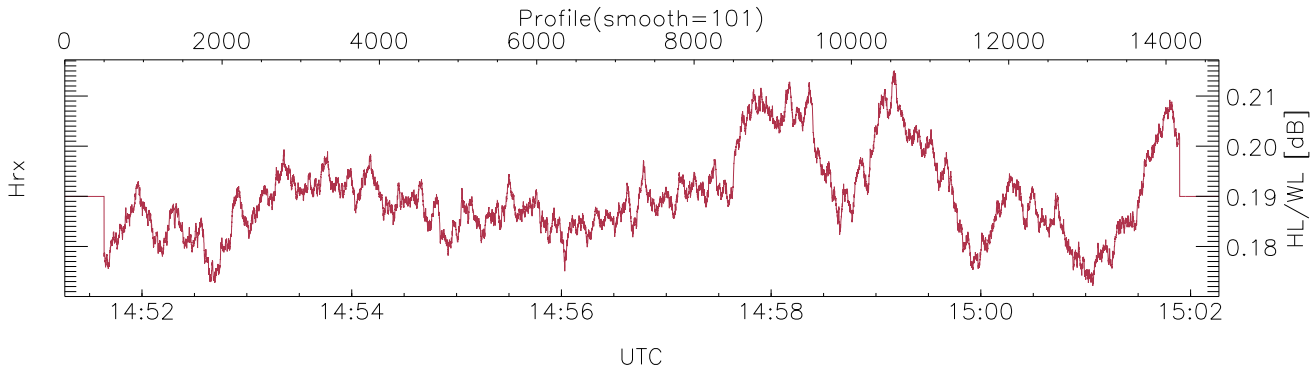


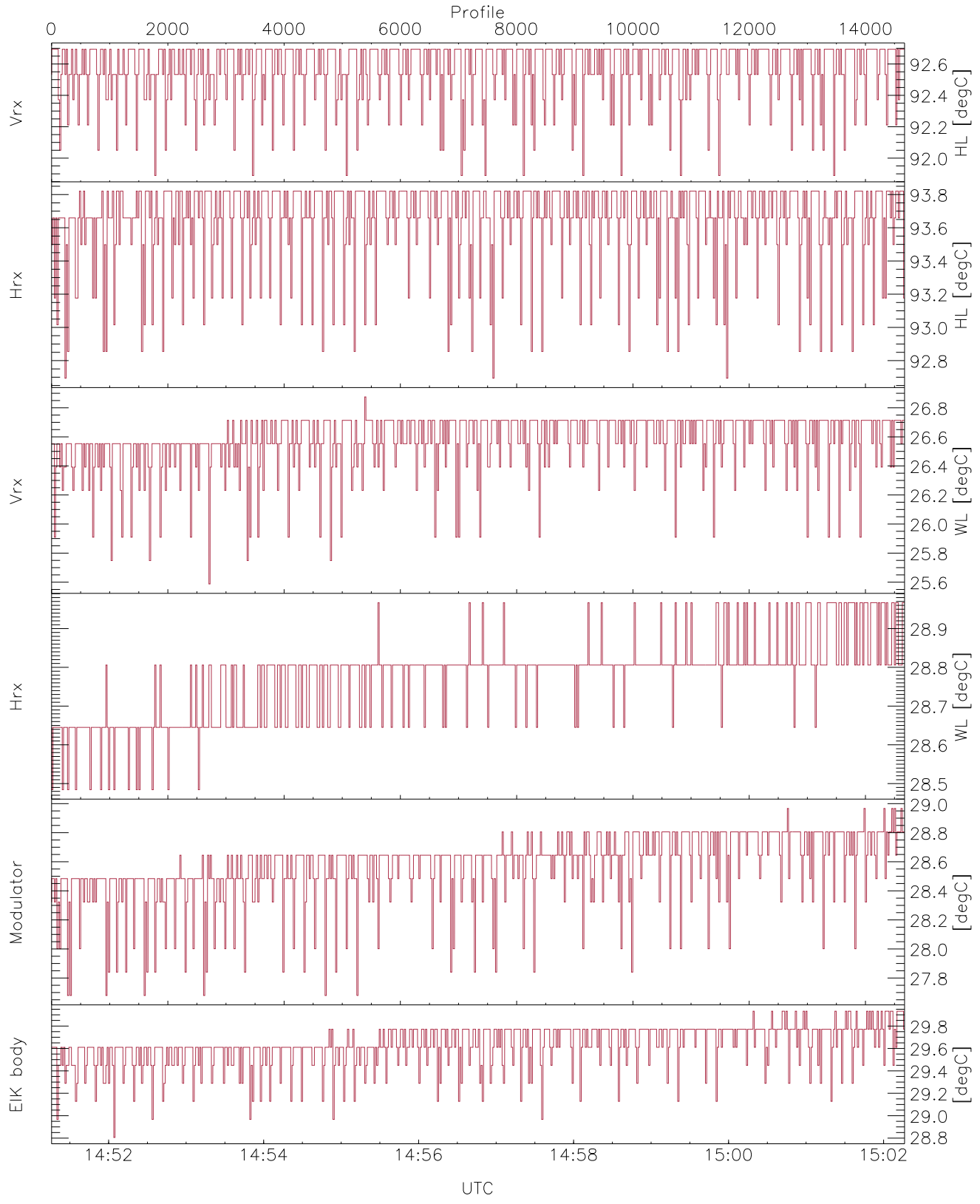






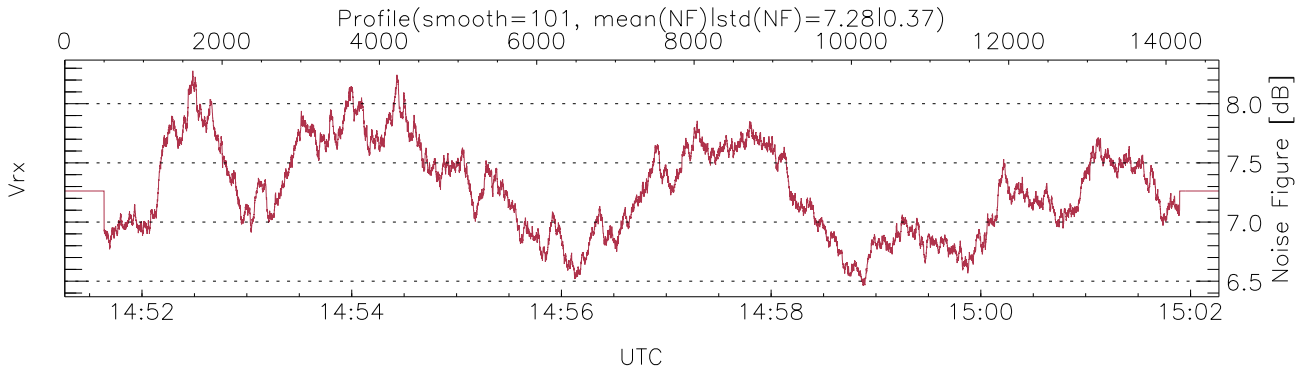
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

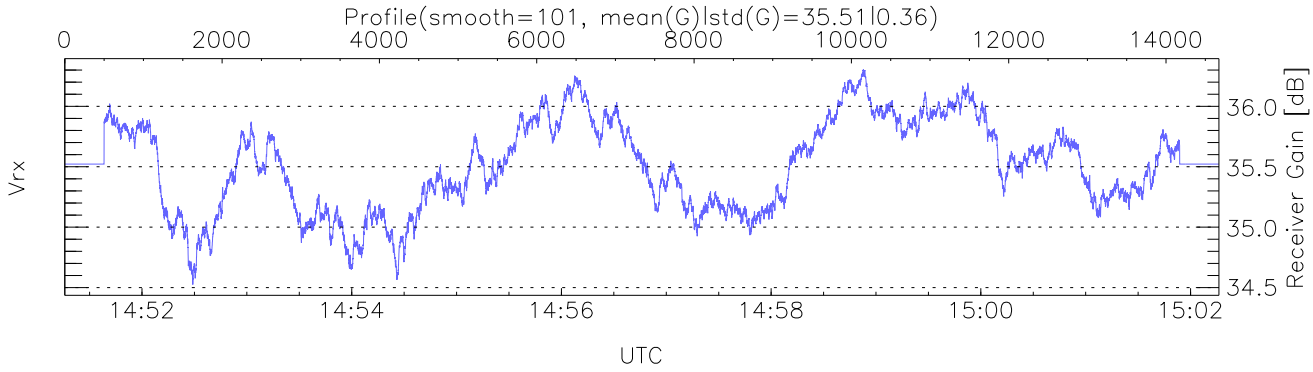
UTC: 14:51:16-15:02:16, TimeCor: 0.00s, Dur: 660.45s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 14674/14674, 0-14673/14:51:16-15:02:16
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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|sideup|error): 1

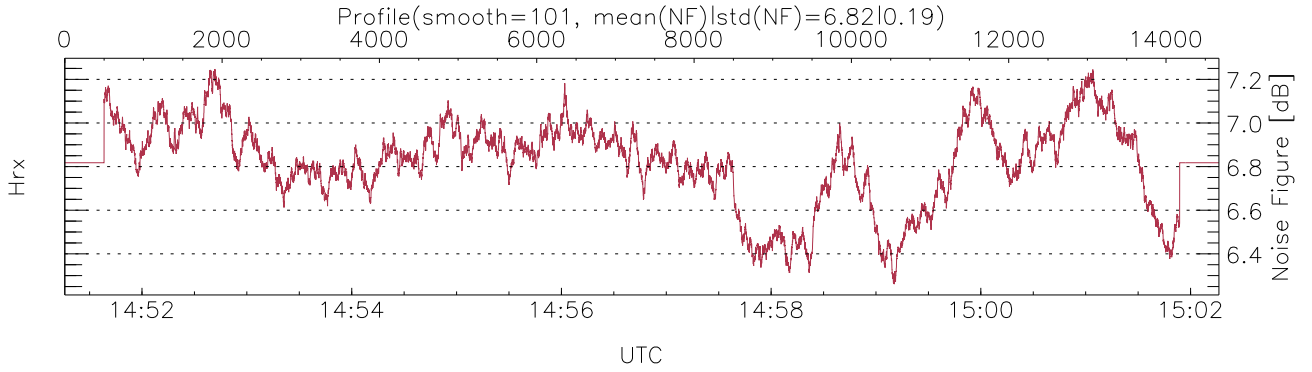


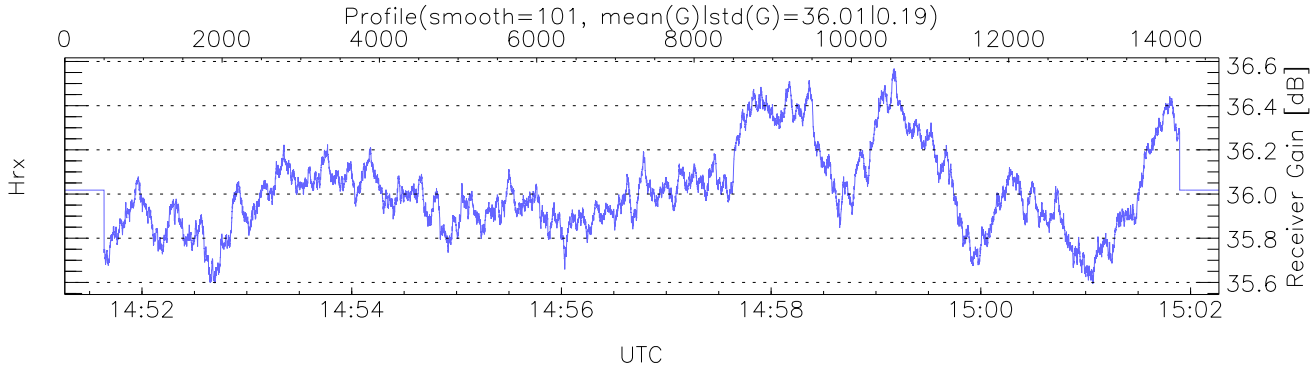
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,28,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,28,28,29
LOalarm(20,240,2817,14861 MHz): 0,0,44,0
EIK Faults(# prof affected):
BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24)



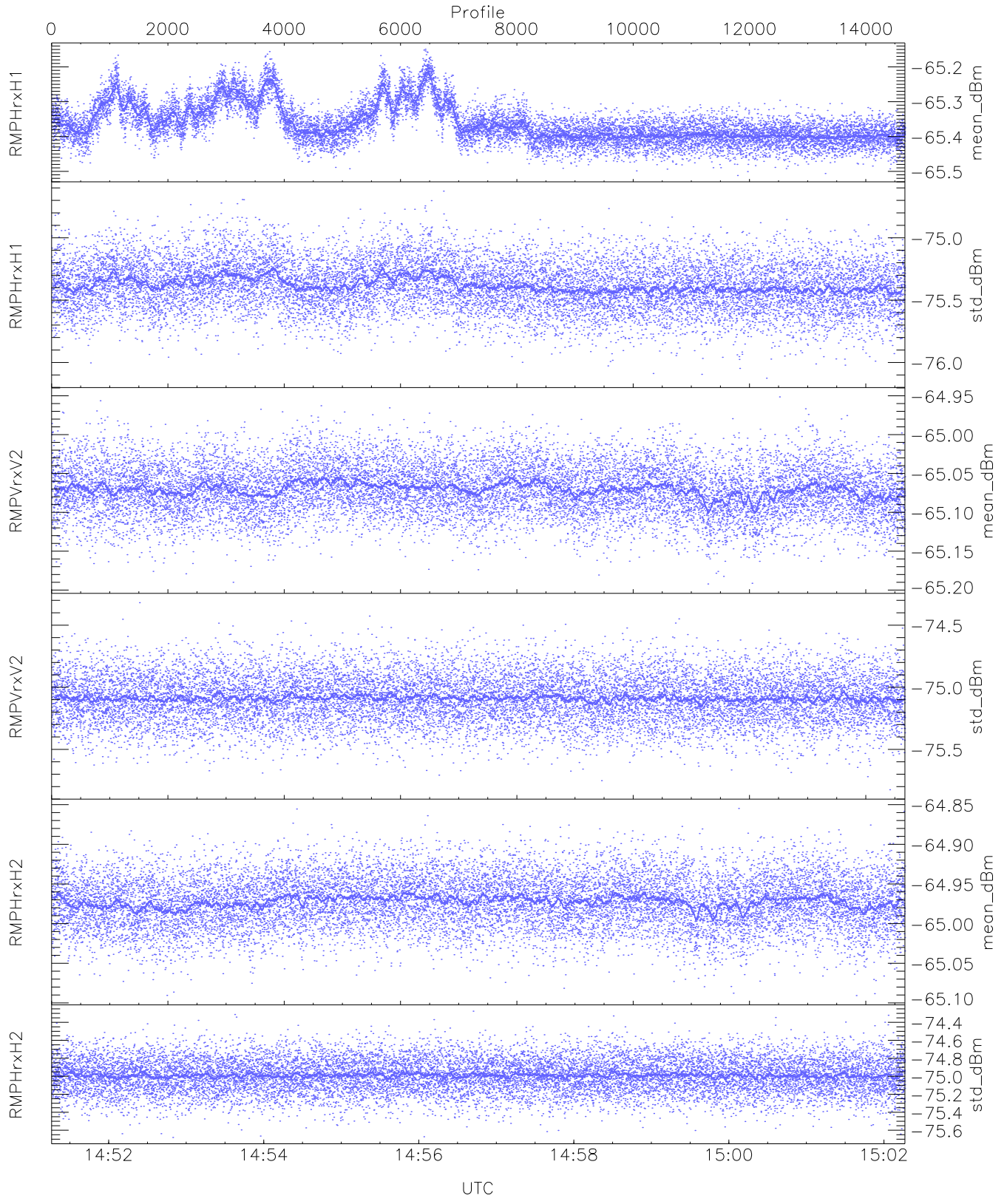






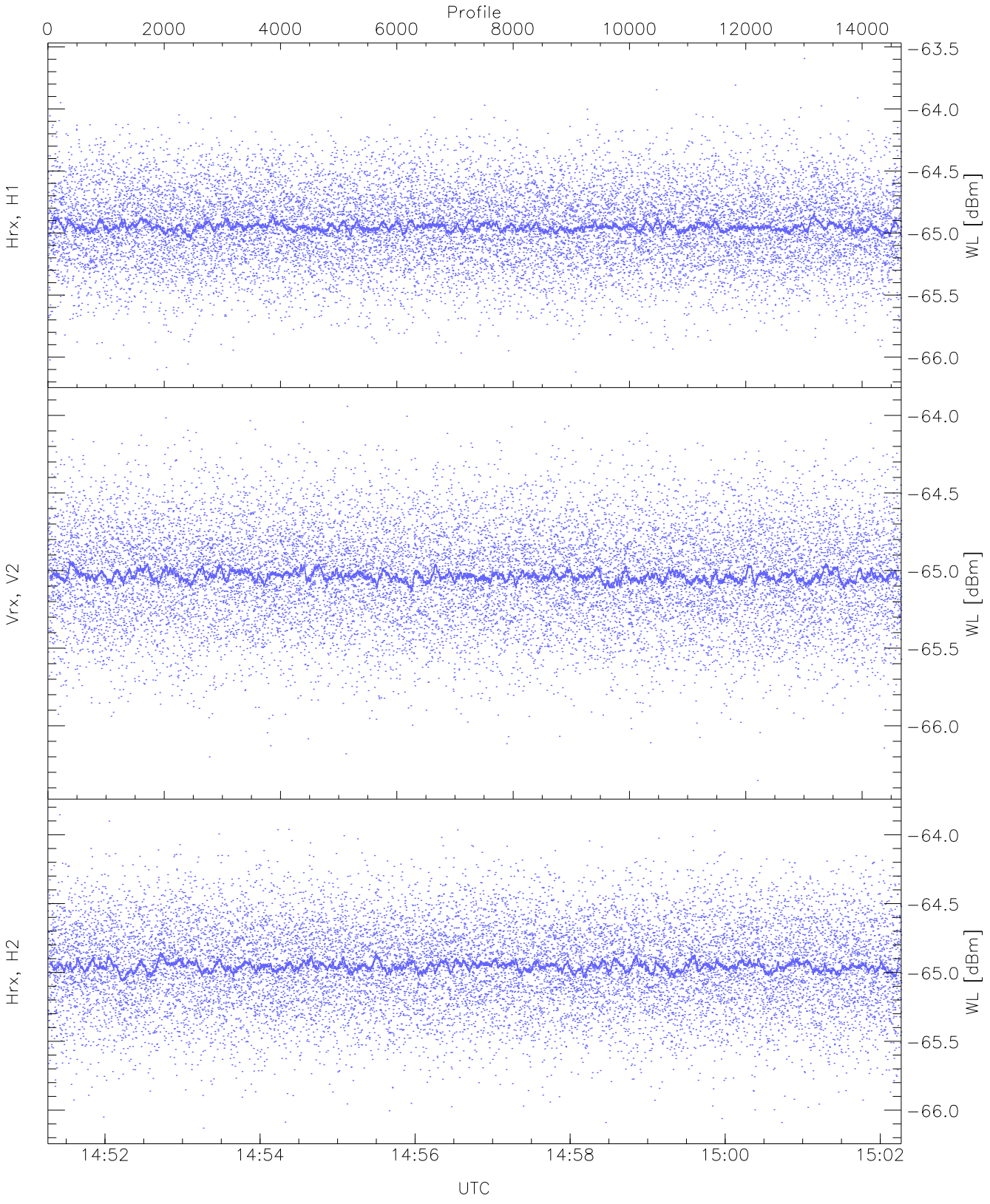
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 3 pixs, 1 gates, 3 profs, 1 prod(s)



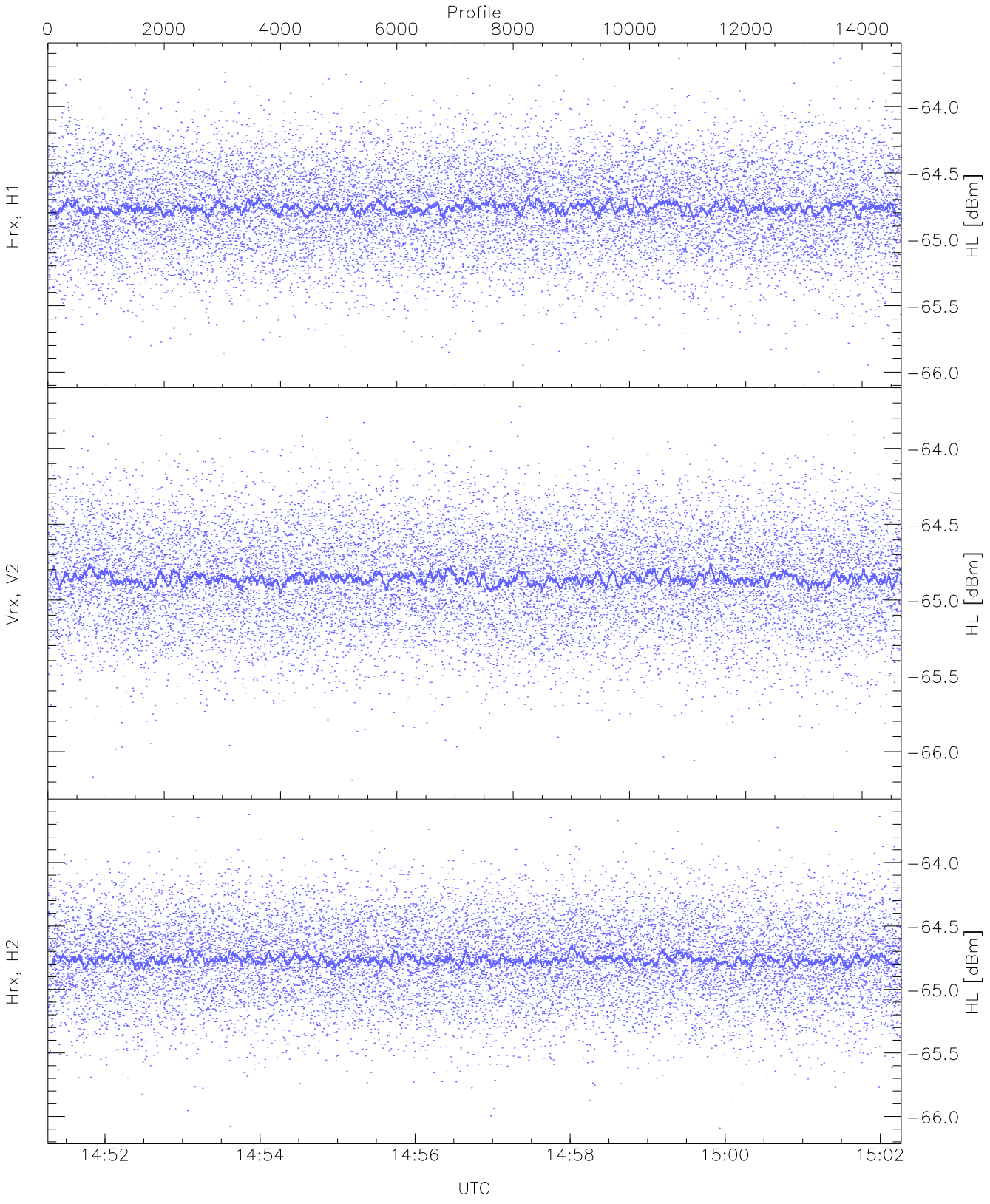
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.51	-65.15	-65.36	-65.37	-84.16
RMPHrxH1(std_dBm)	-76.13	-74.63	-75.38	-75.38	-89.05
RMPVrxV2(mean_dBm)	-65.19	-64.95	-65.07	-65.07	-86.53
RMPVrxV2(std_dBm)	-75.83	-74.32	-75.09	-75.09	-88.88
RMPHrxH2(mean_dBm)	-65.09	-64.85	-64.97	-64.97	-86.48
RMPHrxH2(std_dBm)	-75.68	-74.28	-74.99	-74.99	-88.80



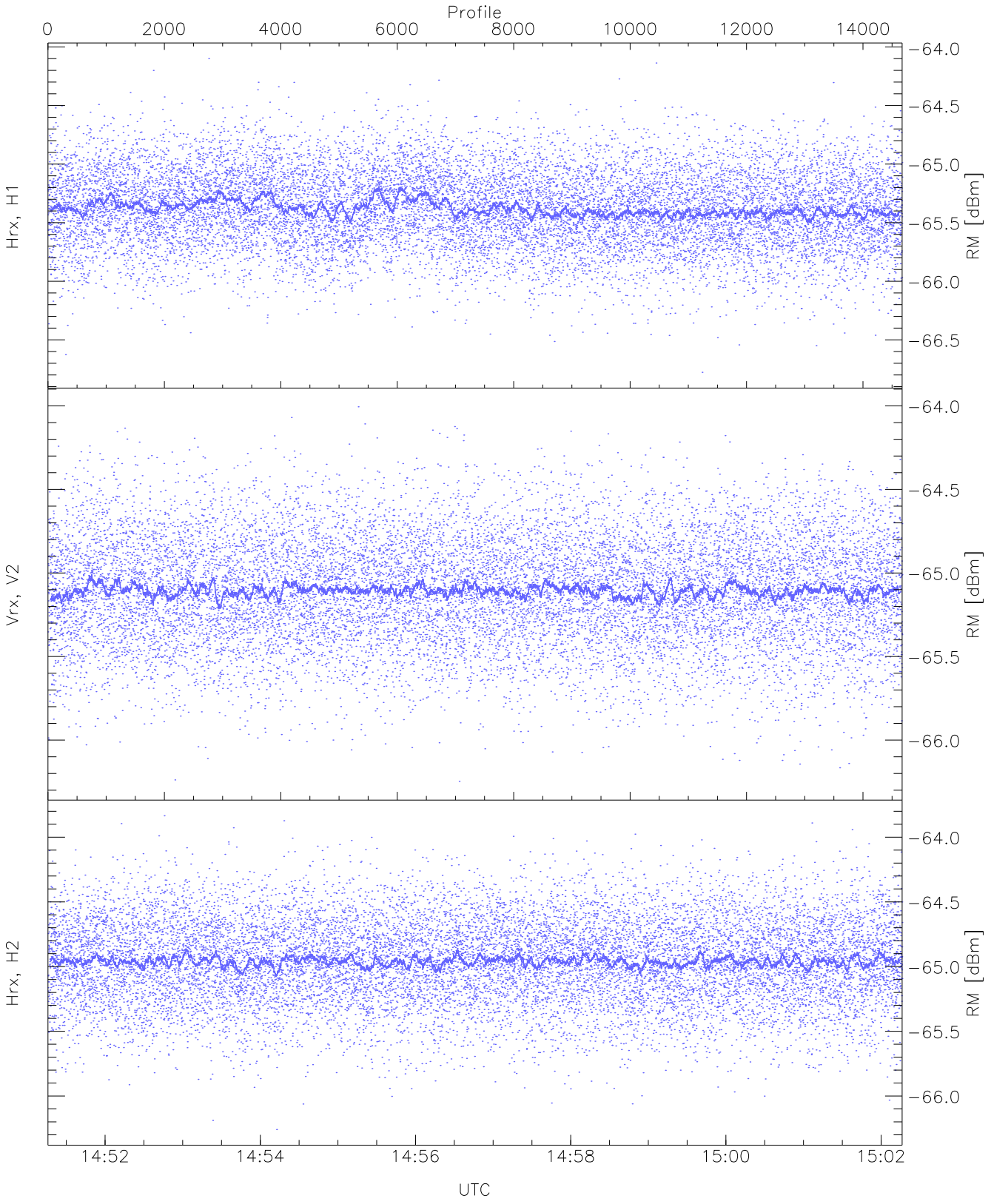
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.12	-63.59	-64.94	-64.95	-76.48
Vrx, V2(WL [dBm])	-66.35	-63.94	-65.03	-65.03	-76.52
Hrx, H2(WL [dBm])	-66.13	-63.85	-64.95	-64.96	-76.46



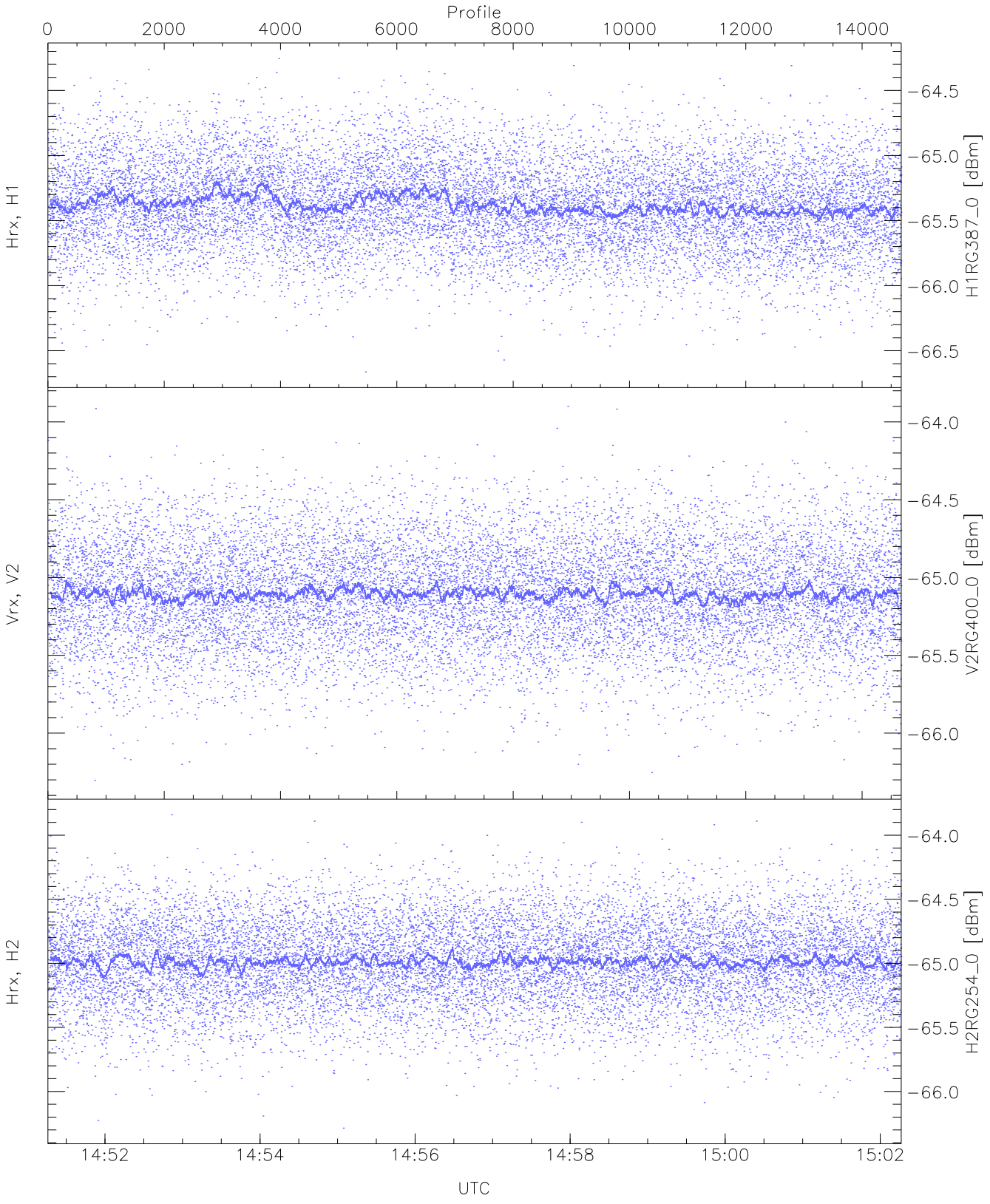
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.00	-63.64	-64.75	-64.76	-76.23
Vrx, V2(HL [dBm])	-66.19	-63.72	-64.85	-64.86	-76.30
Hrx, H2(HL [dBm])	-66.09	-63.62	-64.76	-64.76	-76.24



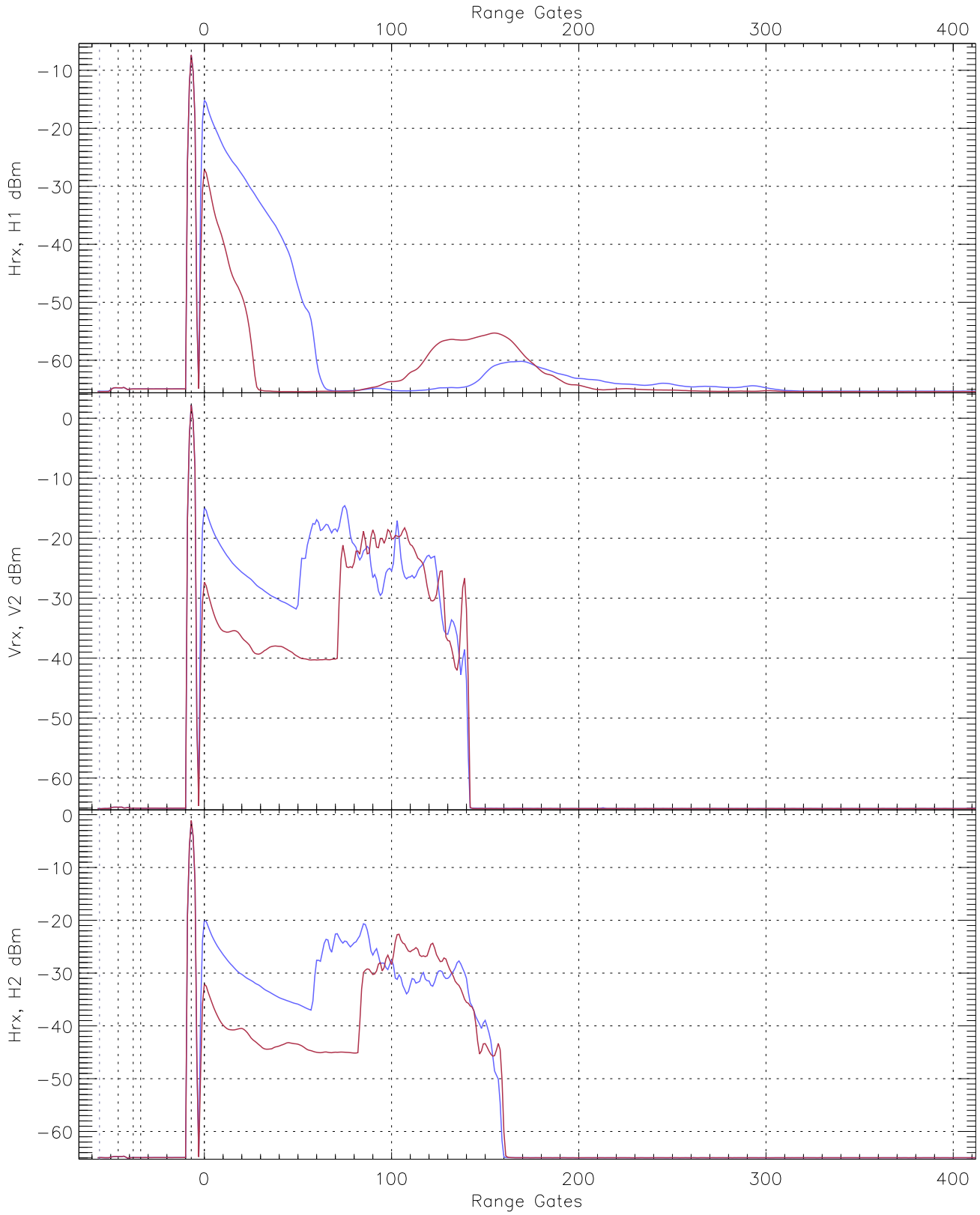
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.78	-64.10	-65.37	-65.38	-76.76
Vrx, V2(RM [dBm])	-66.25	-64.01	-65.10	-65.11	-76.63
Hrx, H2(RM [dBm])	-66.26	-63.83	-64.95	-64.96	-76.40

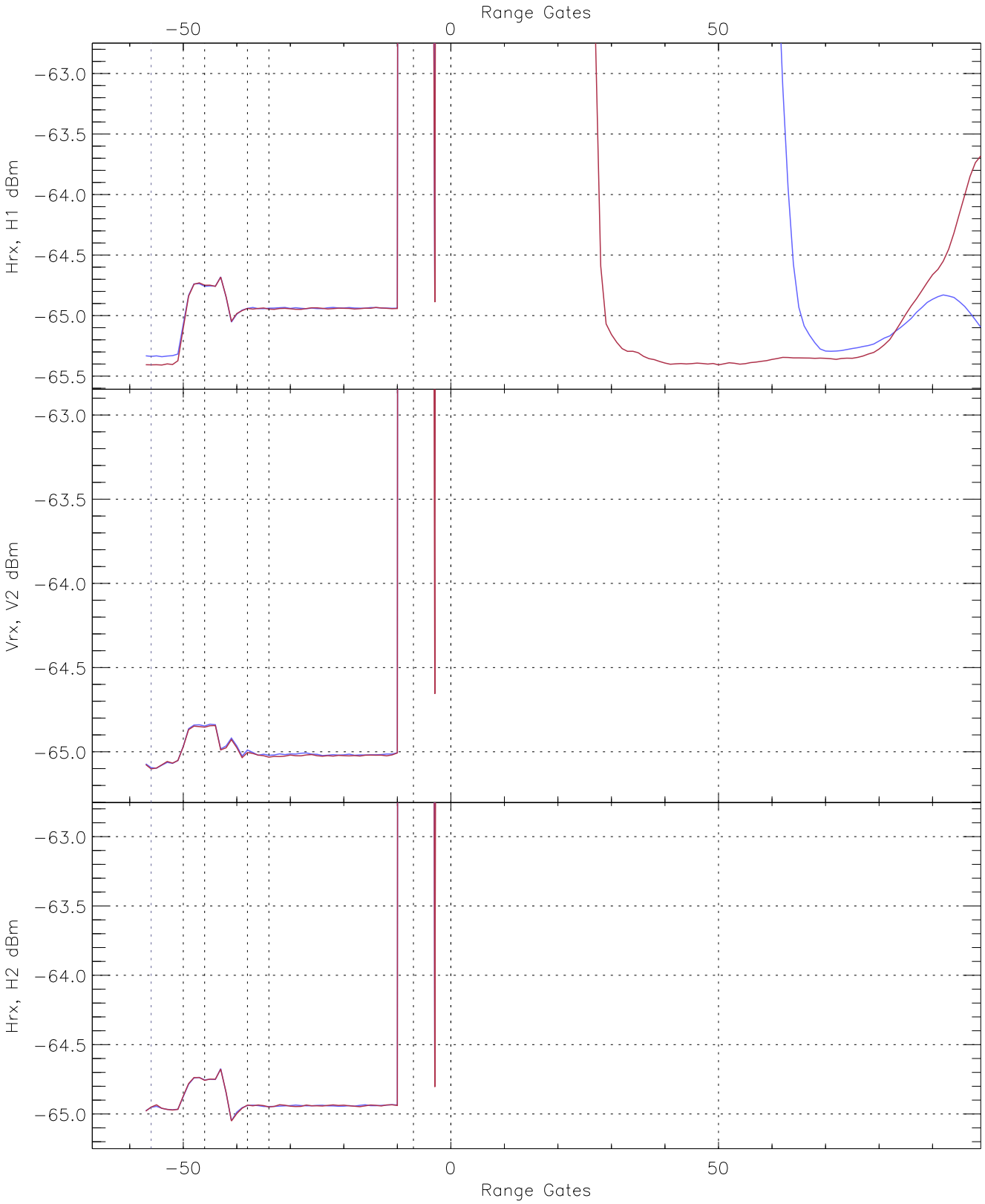


WCR3 CPP "Best" estimate Receivers Noise Power

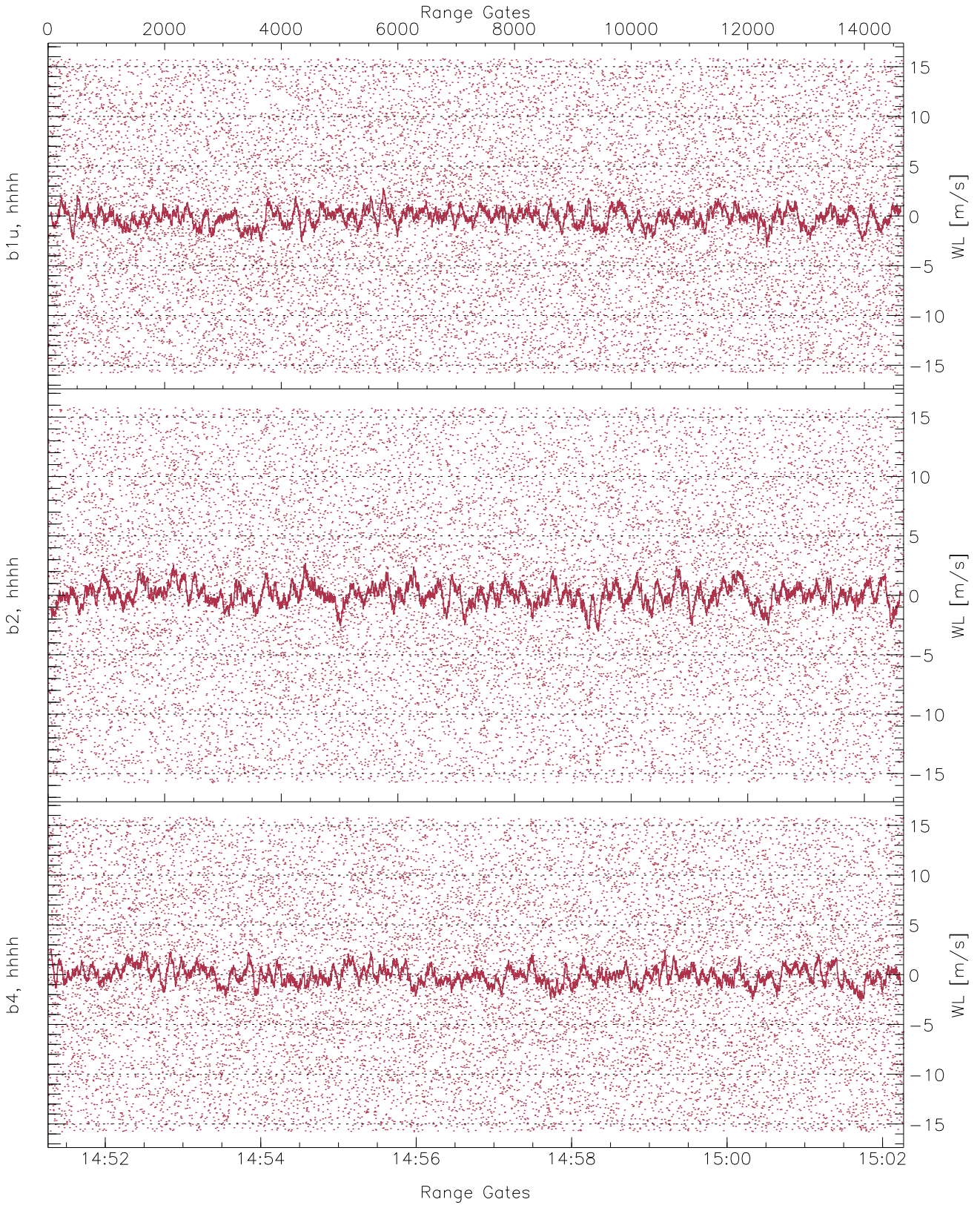
	Min	Max	Mean	Median	StDev
H1RG387_0 [dBm]	-66.66	-64.26	-65.37	-65.38	-76.82
V2RG400_0 [dBm]	-66.30	-63.90	-65.10	-65.11	-76.60
H2RG254_0 [dBm]	-66.29	-63.84	-64.98	-64.99	-76.52



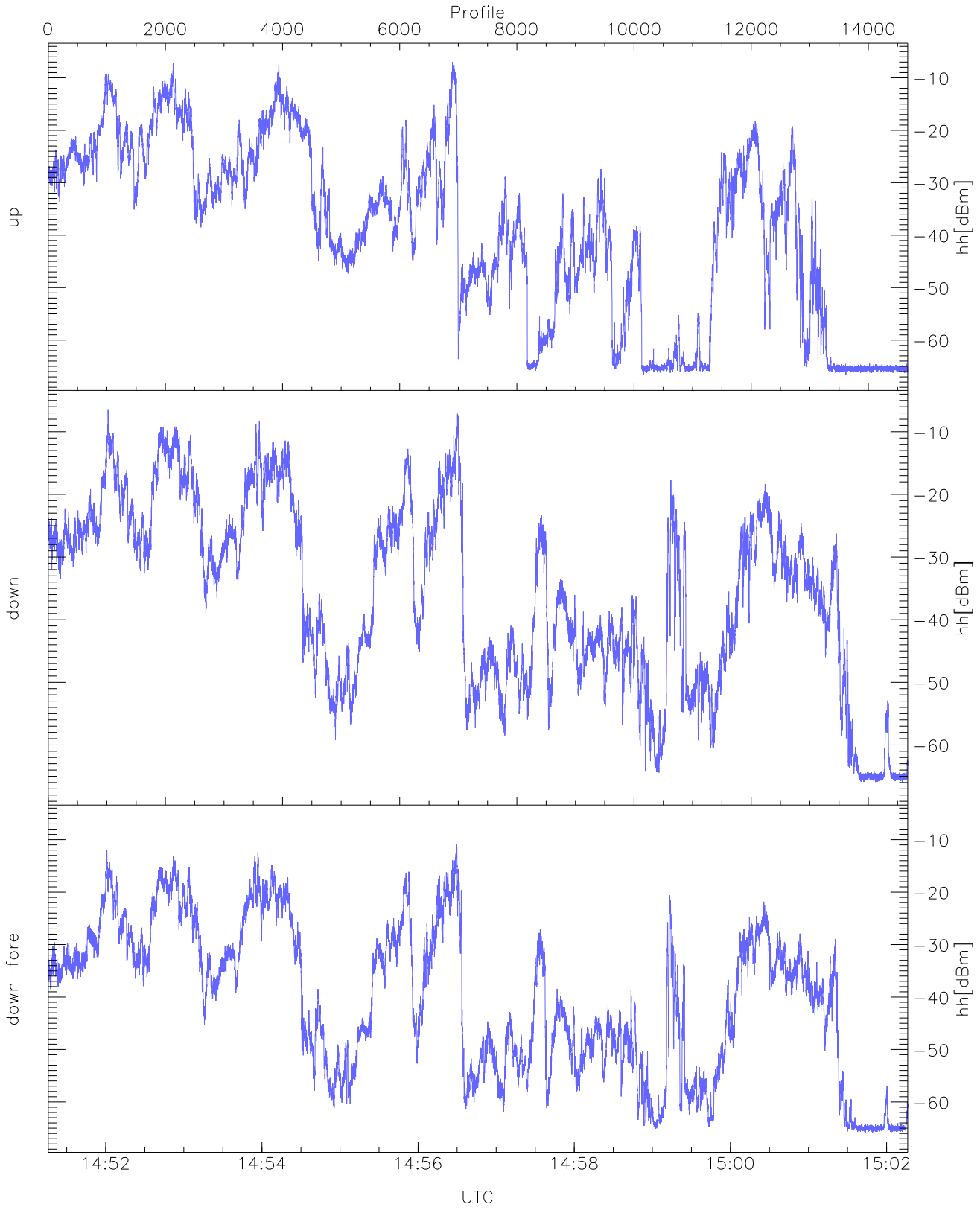
WCR3 CPP Averaged Received power for all recorded gates
blue: 145116-145646, 7338 profiles averaged
red: 145646-150216, 7337 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 145116-145646, 7338 profiles averaged
red: 145646-150216, 7337 profiles averaged

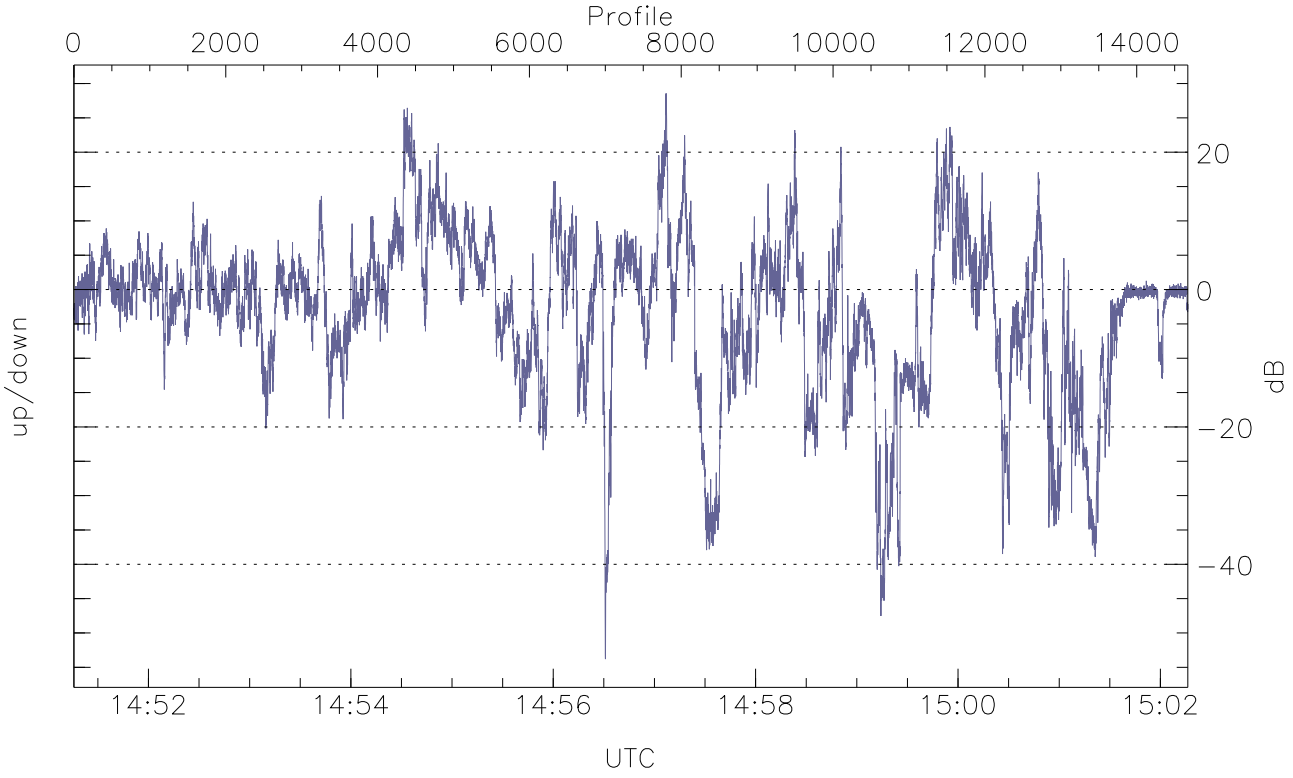


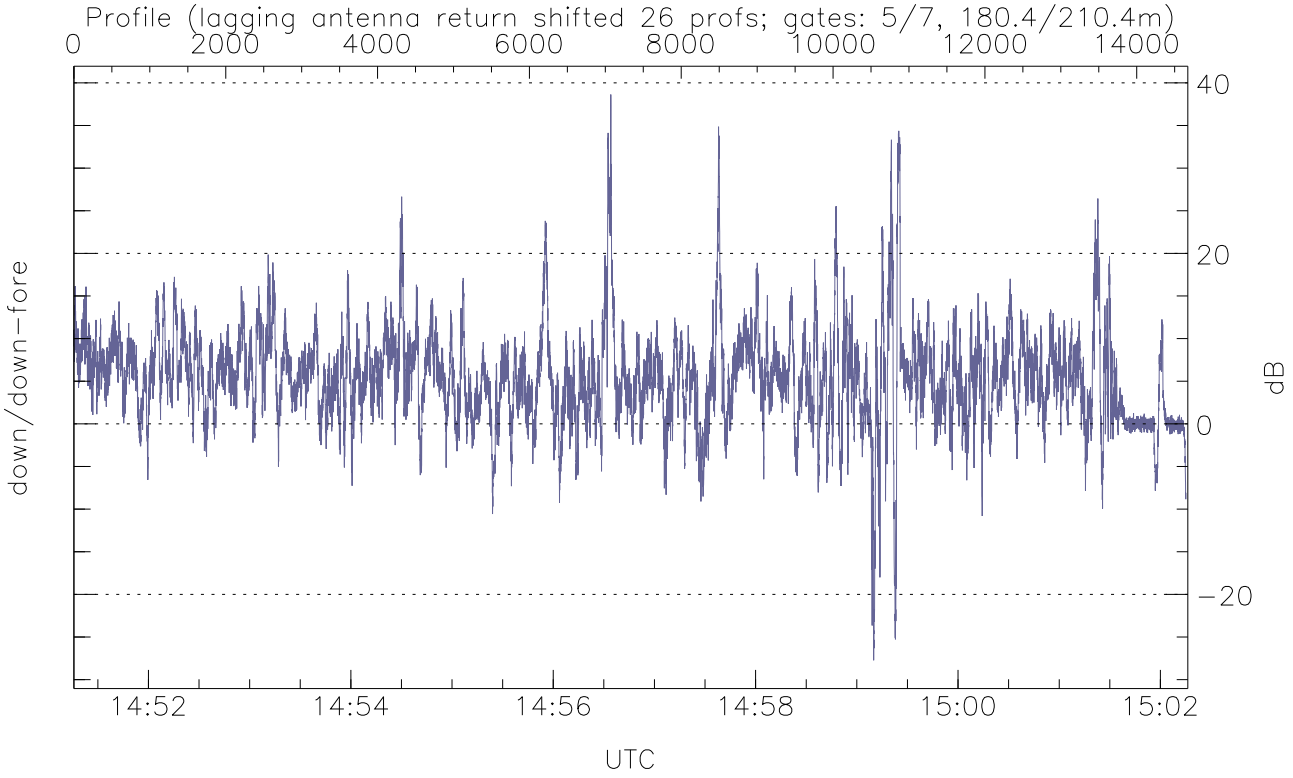
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

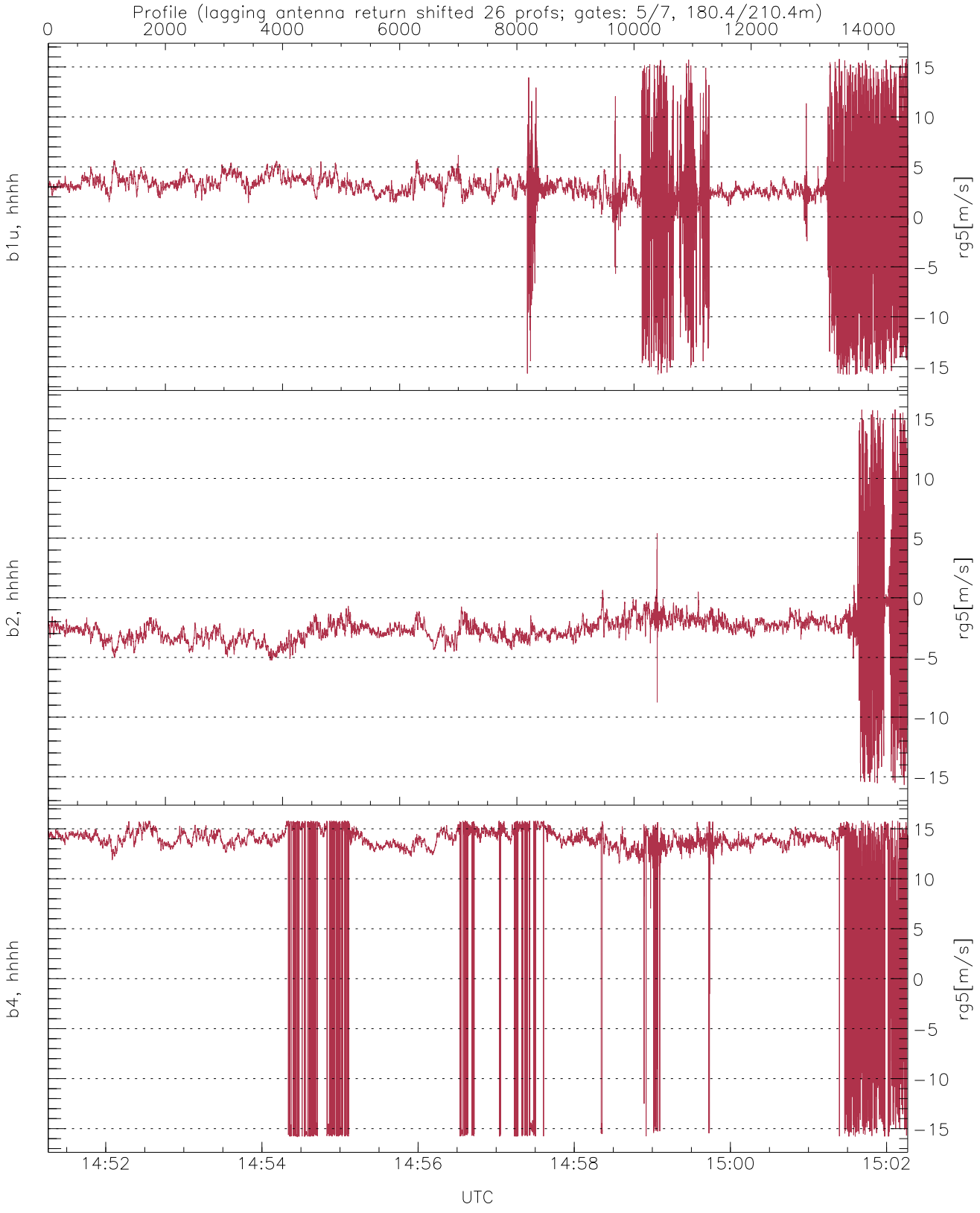
	Min	Max	Mean
up(hh[dBm])	-66.59	-6.98	-22.29
down(hh[dBm])	-65.94	-6.42	-21.87
down-fore(hh[dBm])	-65.91	-10.89	-26.43





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

	Min	Max	Mean
up/down(dB)	-53.80	28.58	-3.10
down/down-fore(dB)	-27.73	38.63	5.46



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	2.62	3.51
b2, hhhh(rg5[m/s])	-15.68	15.78	-2.56	2.05
b4, hhhh(rg5[m/s])	-15.79	15.79	11.89	7.17