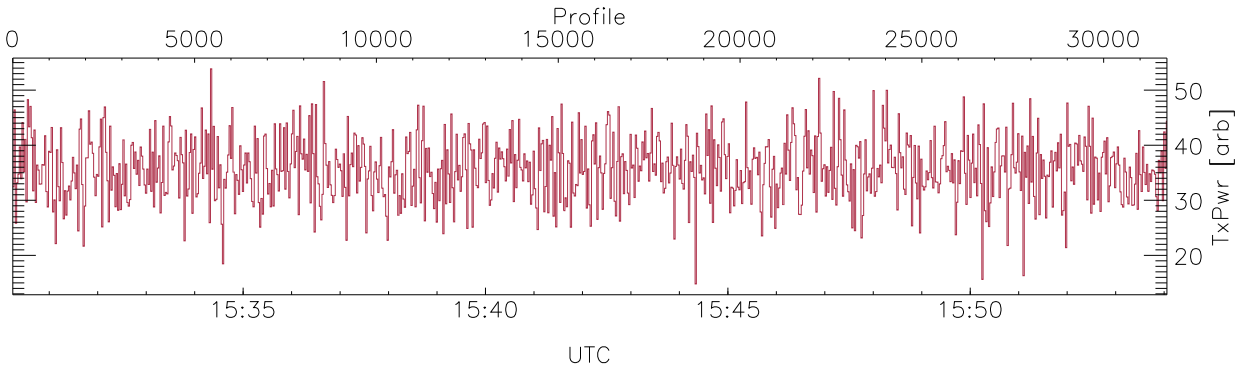
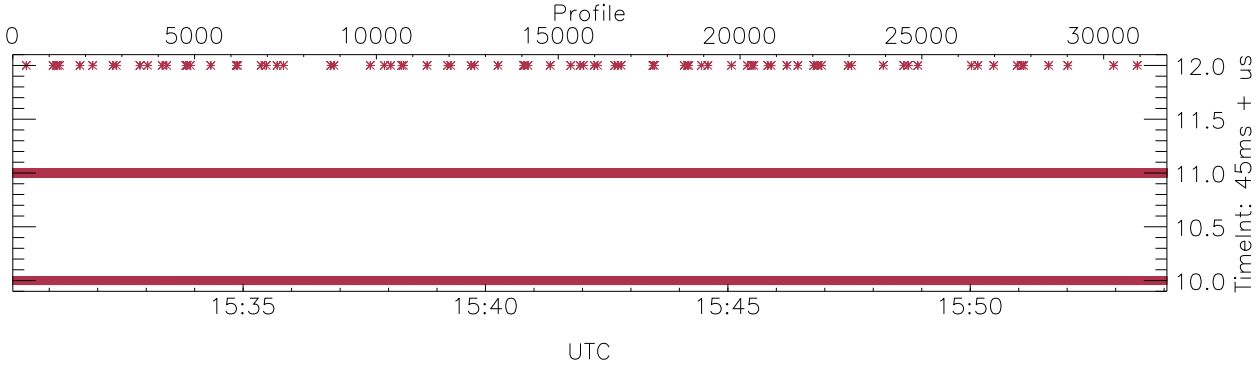
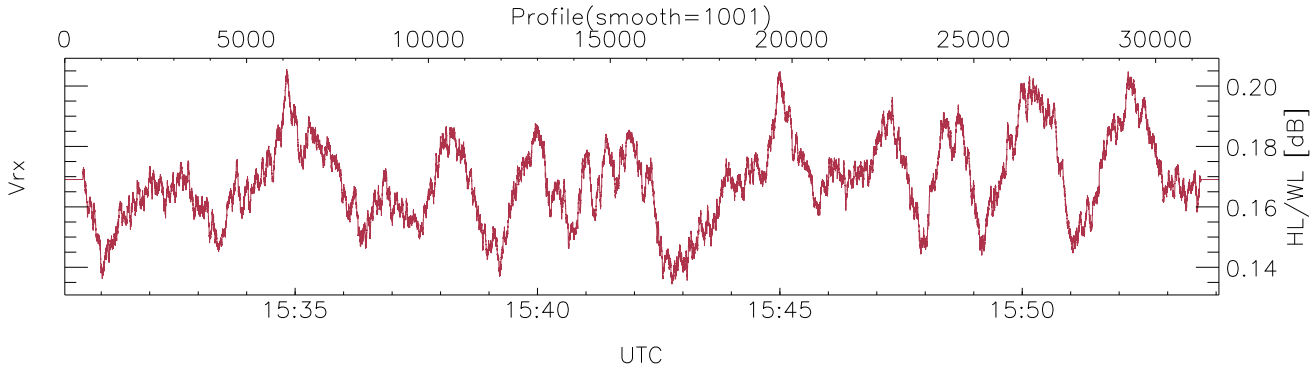
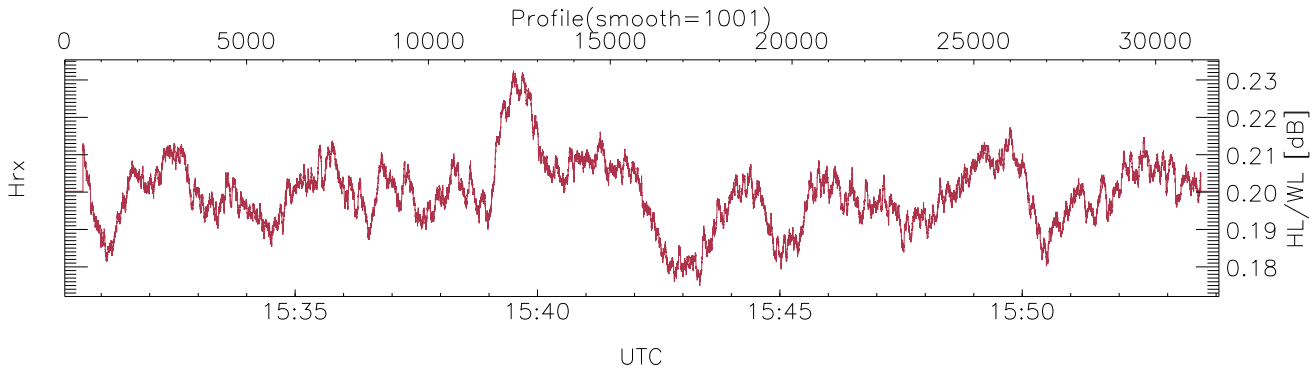


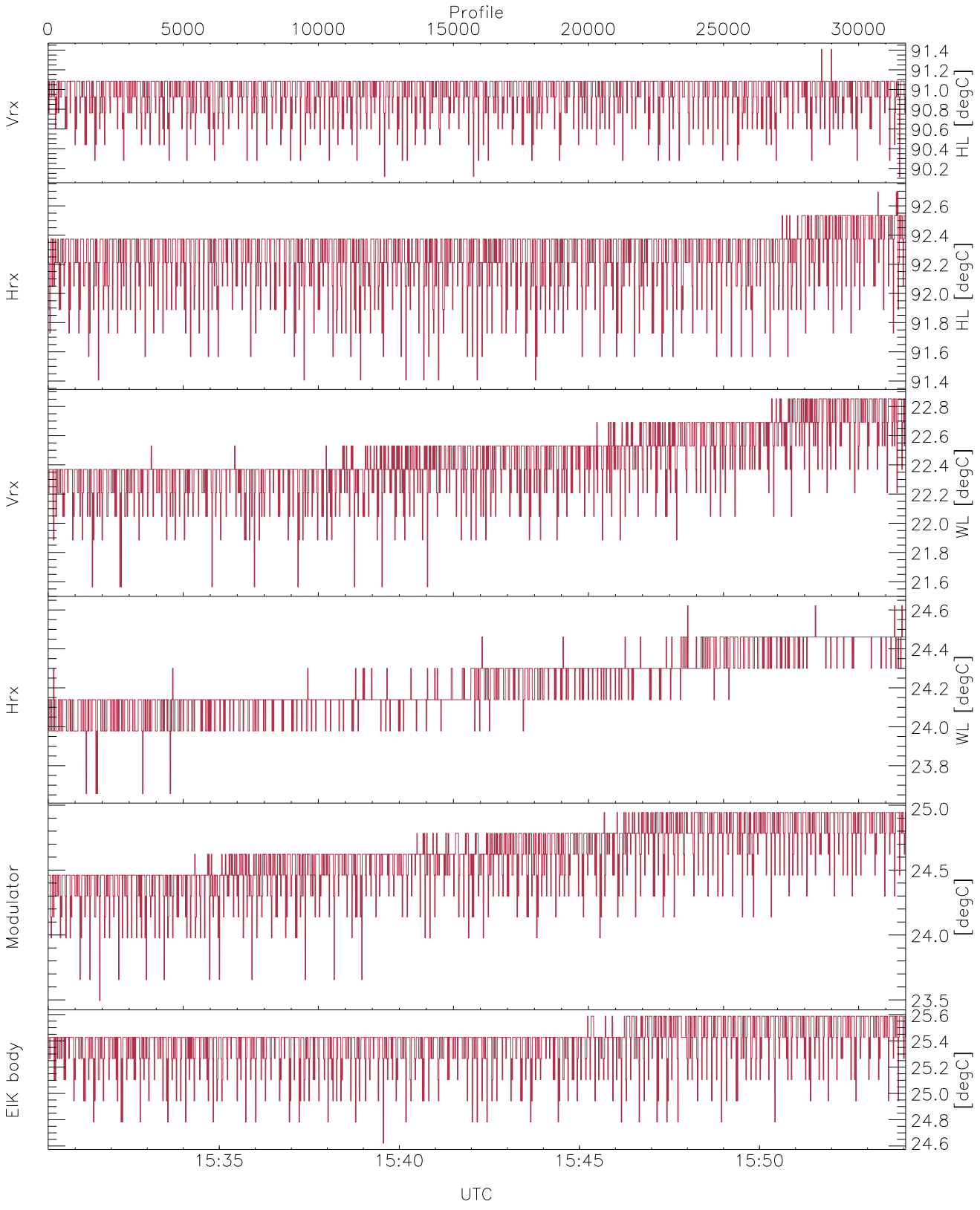






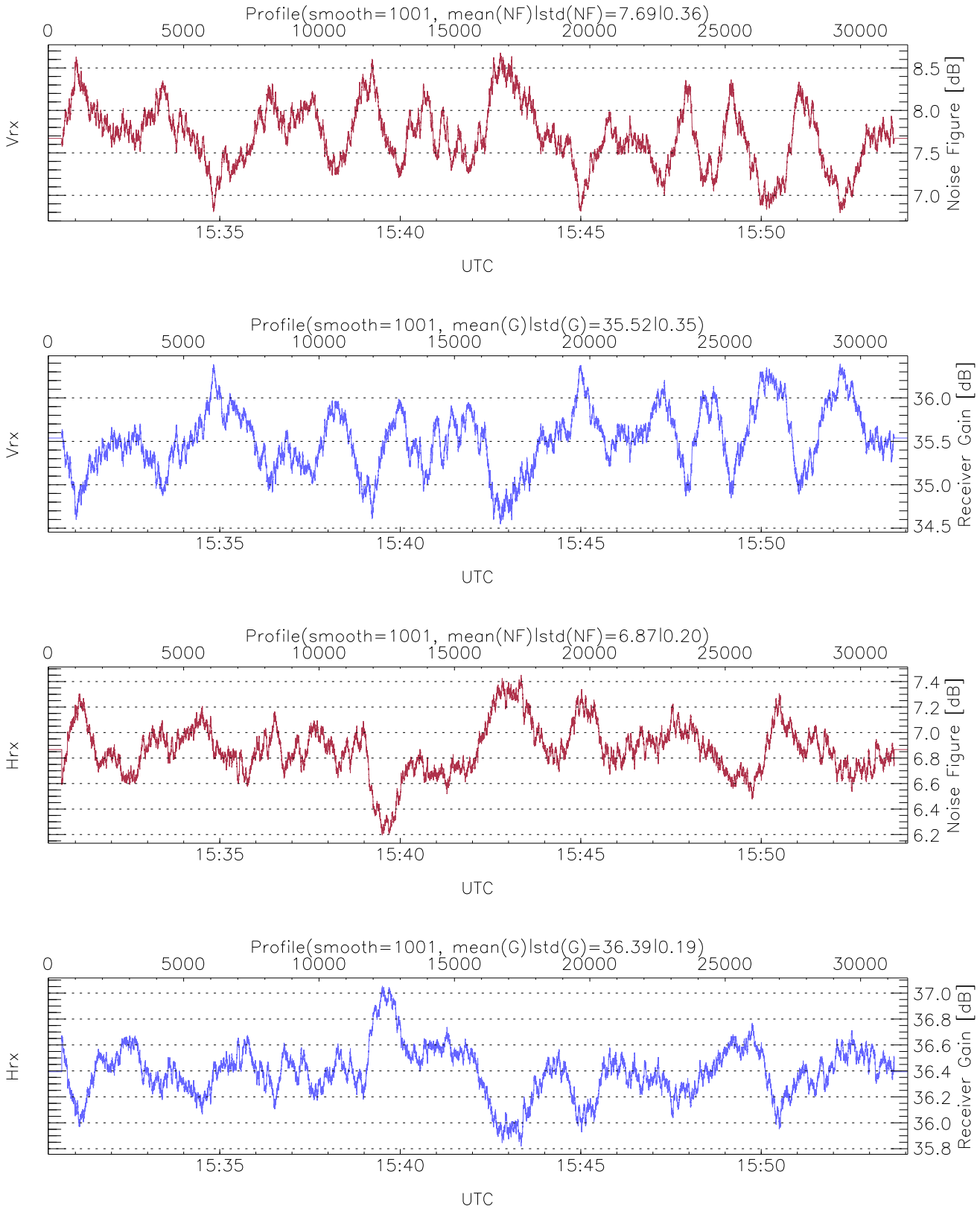
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:30:15-15:54:04, 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, 0-31740/15:30:15-15:54:04
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



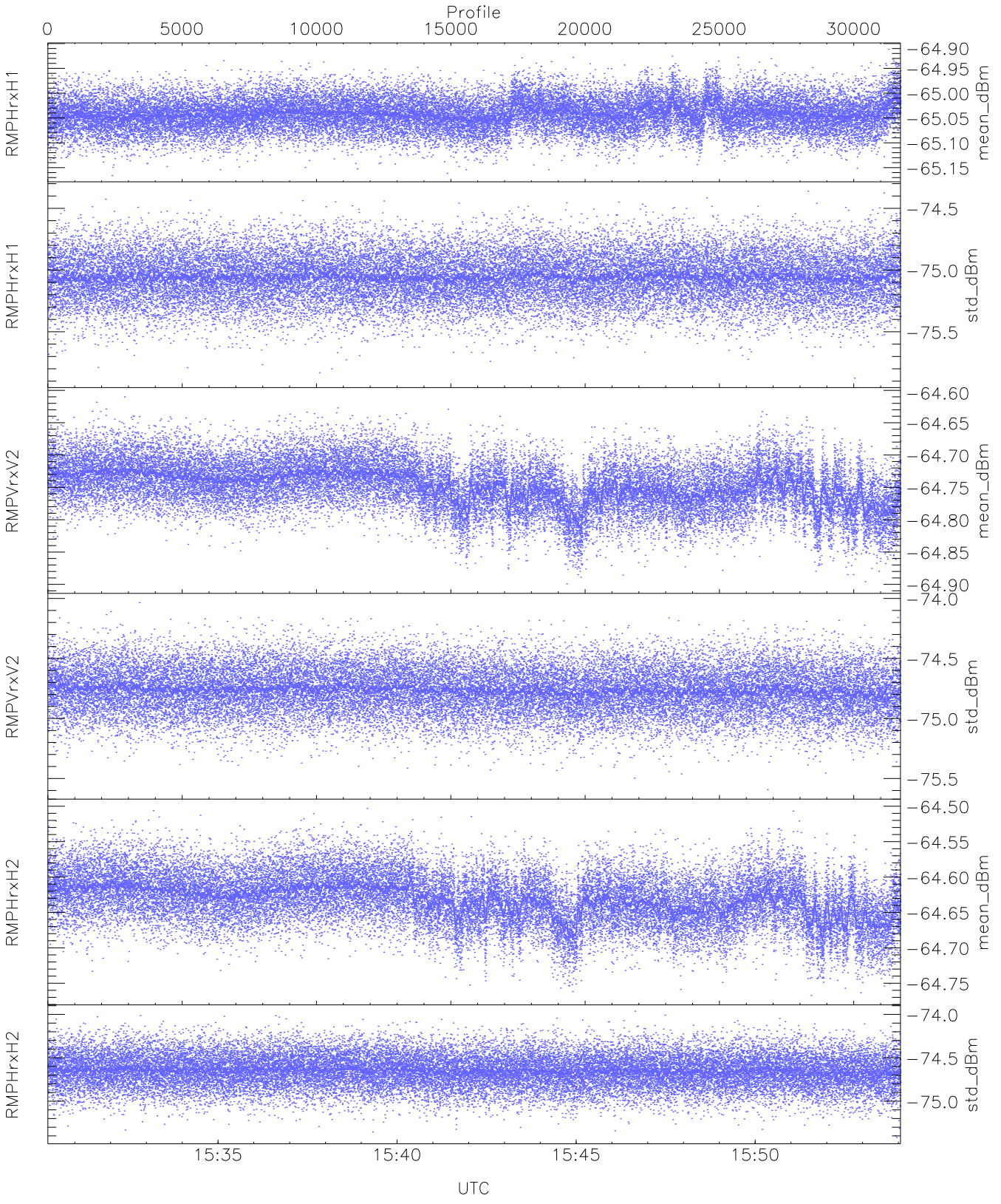
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,23,23,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,24,25
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (68,68,68,68,114,92,68,68)



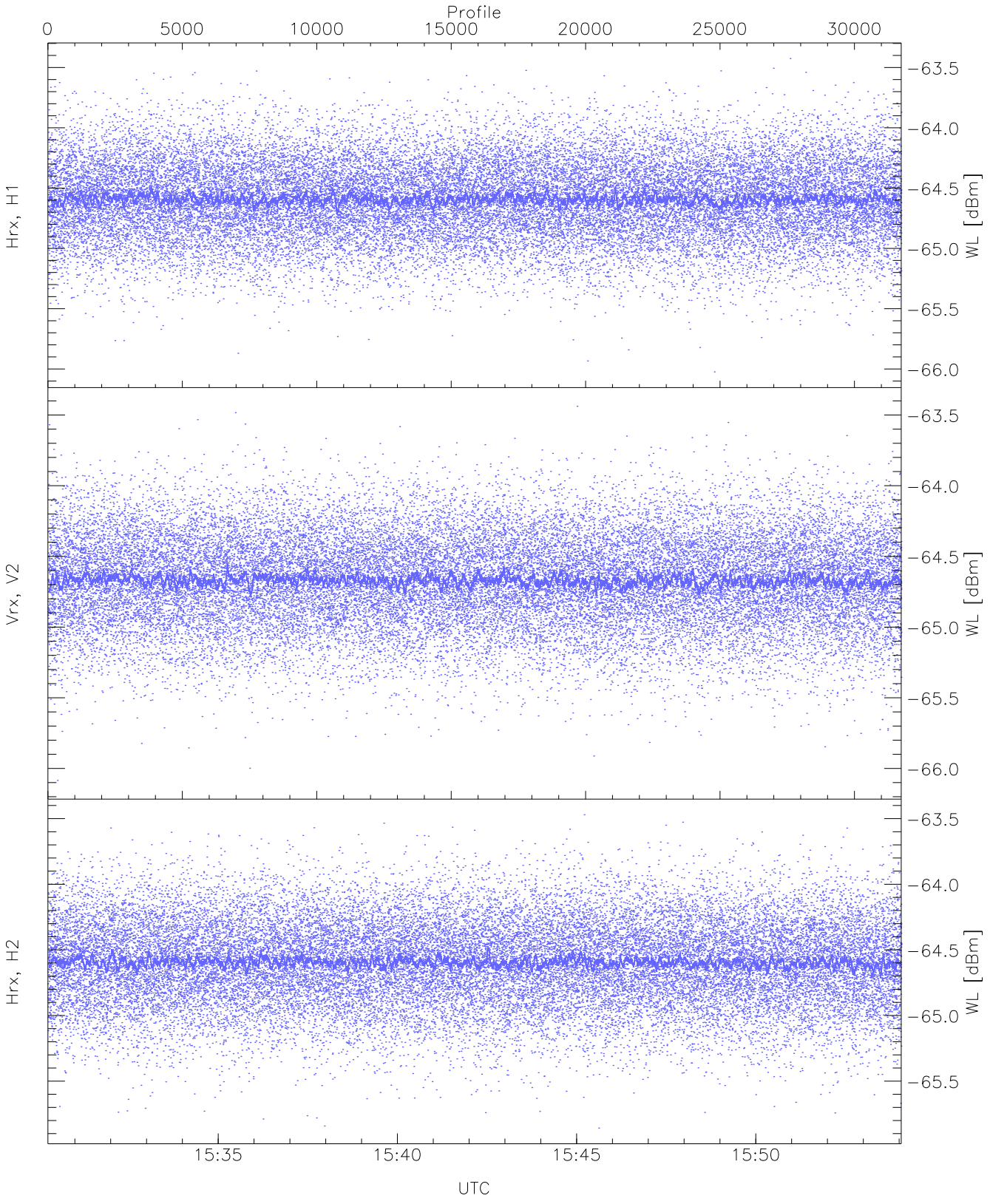
WCR3 CPP Receivers Gain and Noise Figure

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



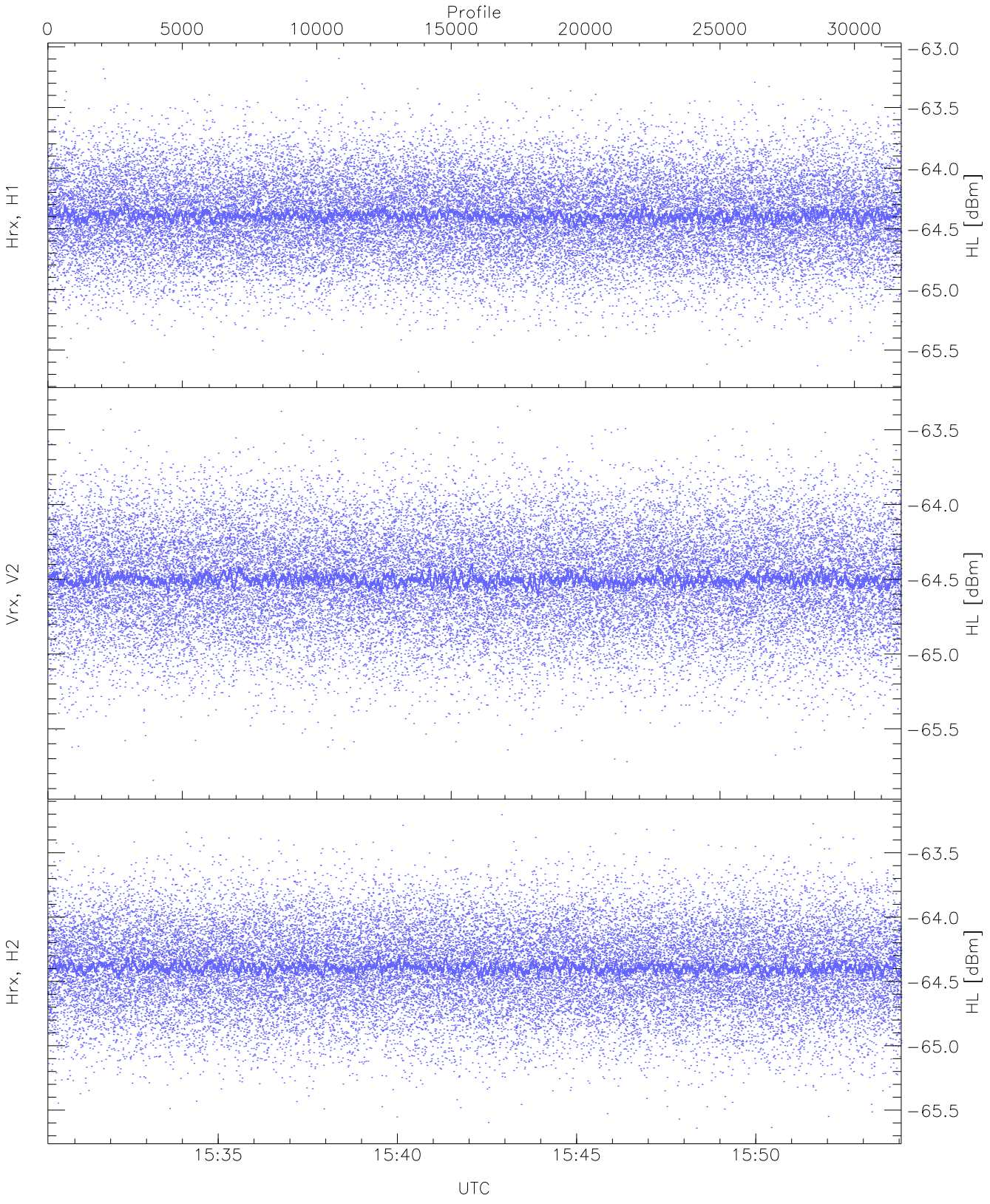
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.17	-64.91	-65.04	-65.04	-86.49
RMPHrxH1(std_dBm)	-75.88	-74.36	-75.06	-75.06	-88.81
RMPVrxV2(mean_dBm)	-64.90	-64.61	-64.75	-64.75	-85.47
RMPVrxV2(std_dBm)	-75.59	-74.04	-74.76	-74.77	-88.53
RMPHrxH2(mean_dBm)	-64.77	-64.50	-64.63	-64.63	-85.54
RMPHrxH2(std_dBm)	-75.42	-73.96	-74.65	-74.65	-88.42



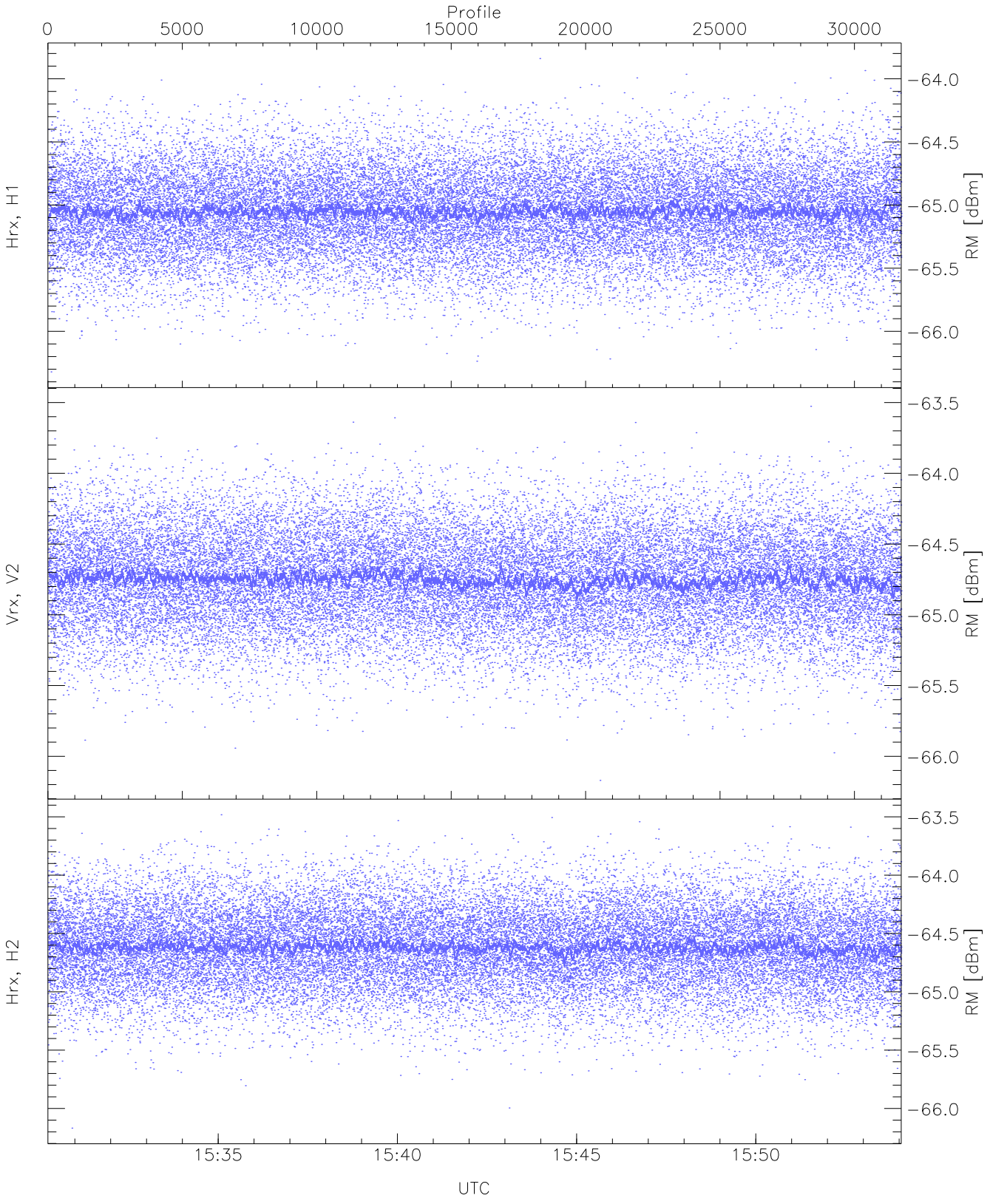
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.02	-63.43	-64.59	-64.59	-76.08
Vrx, V2(WL [dBm])	-66.08	-63.44	-64.66	-64.67	-76.16
Hrx, H2(WL [dBm])	-65.86	-63.47	-64.59	-64.59	-76.10



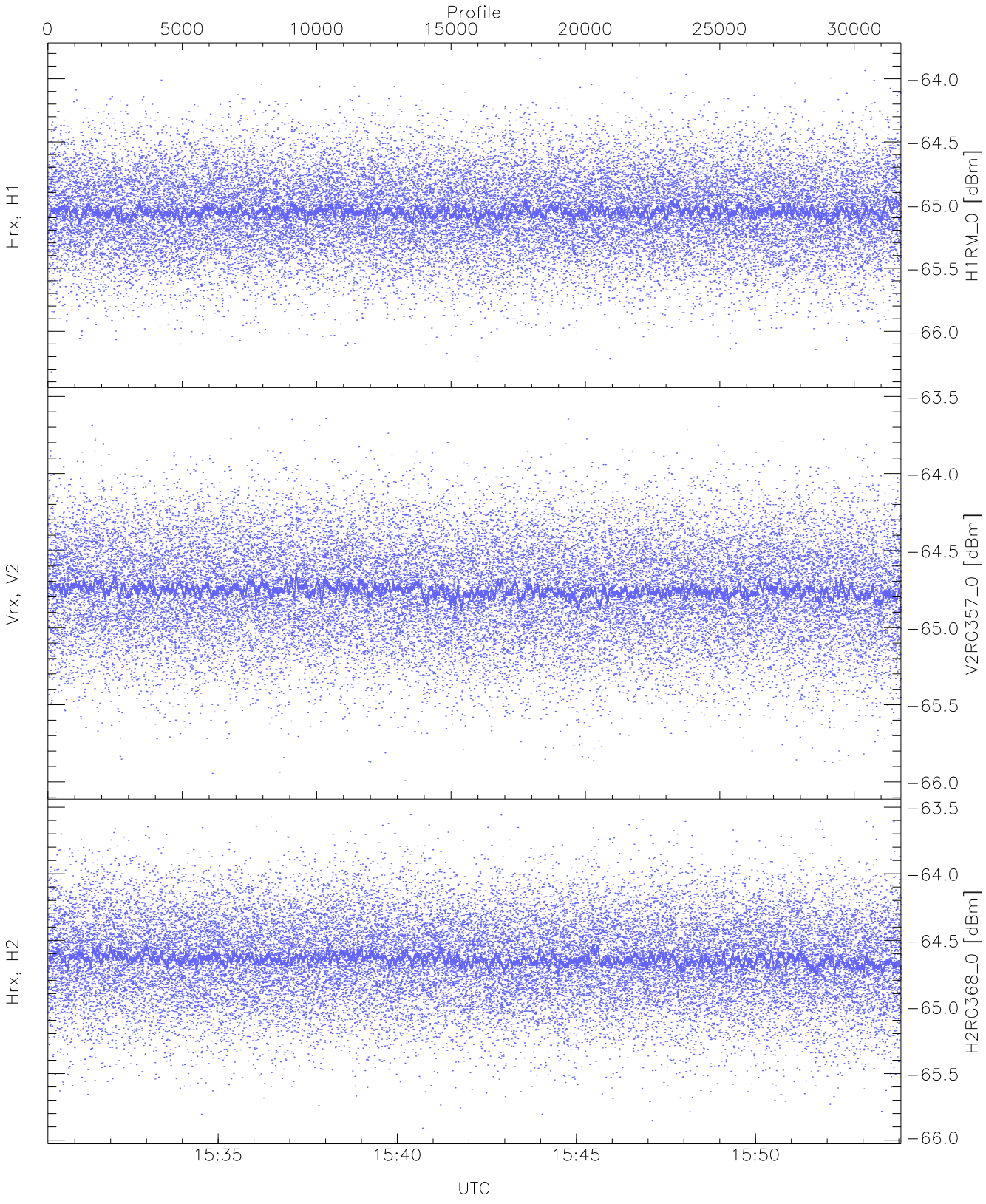
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.68	-63.10	-64.39	-64.40	-75.87
Vrx, V2(HL [dBm])	-65.85	-63.34	-64.49	-64.50	-75.99
Hrx, H2(HL [dBm])	-65.64	-63.20	-64.39	-64.39	-75.89



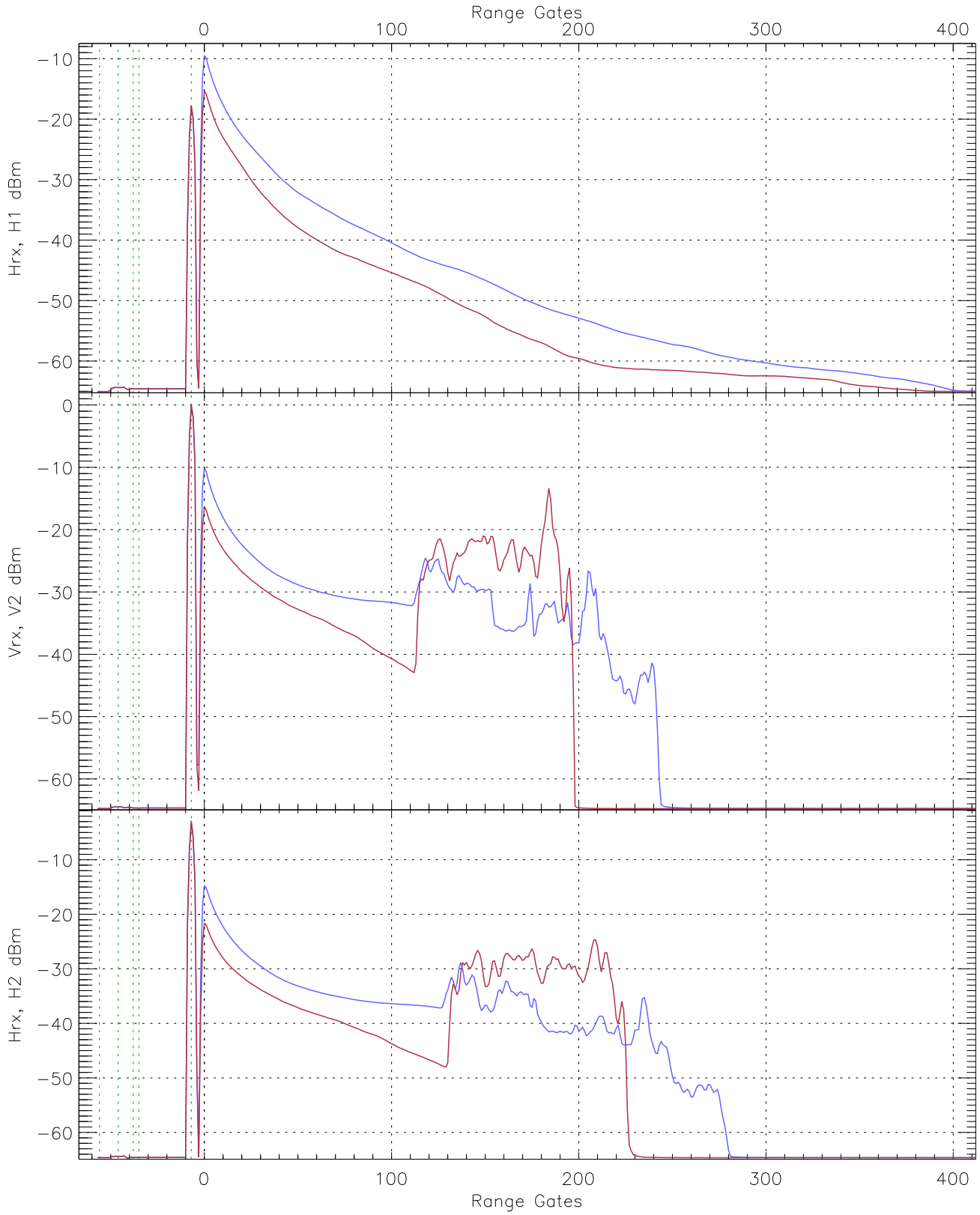
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.32	-63.84	-65.05	-65.05	-76.56
Vrx, V2(RM [dBm])	-66.17	-63.53	-64.74	-64.75	-76.25
Hrx, H2(RM [dBm])	-66.17	-63.48	-64.61	-64.62	-76.10

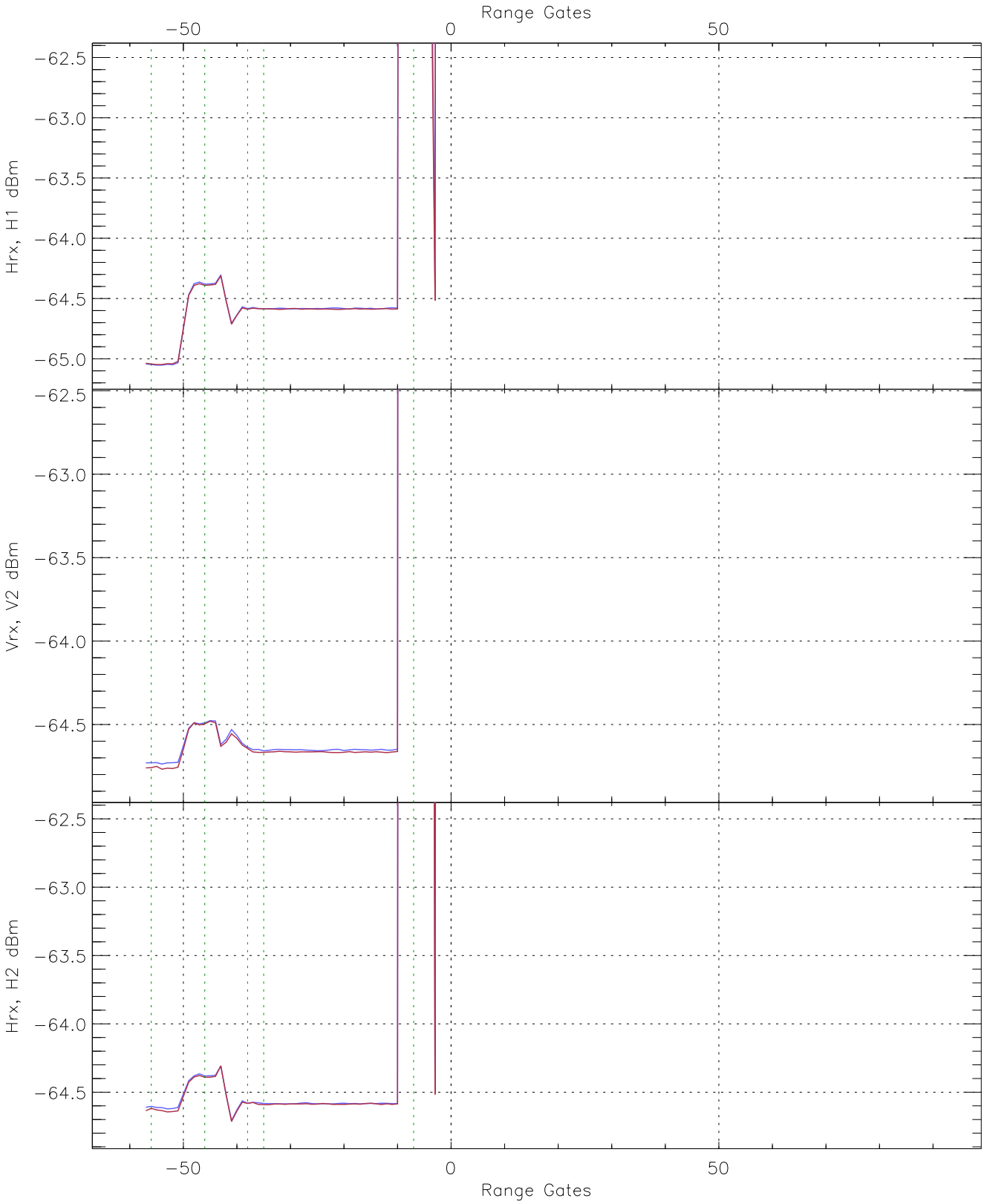


WCR3 CPP "Best" estimate Receivers Noise Power

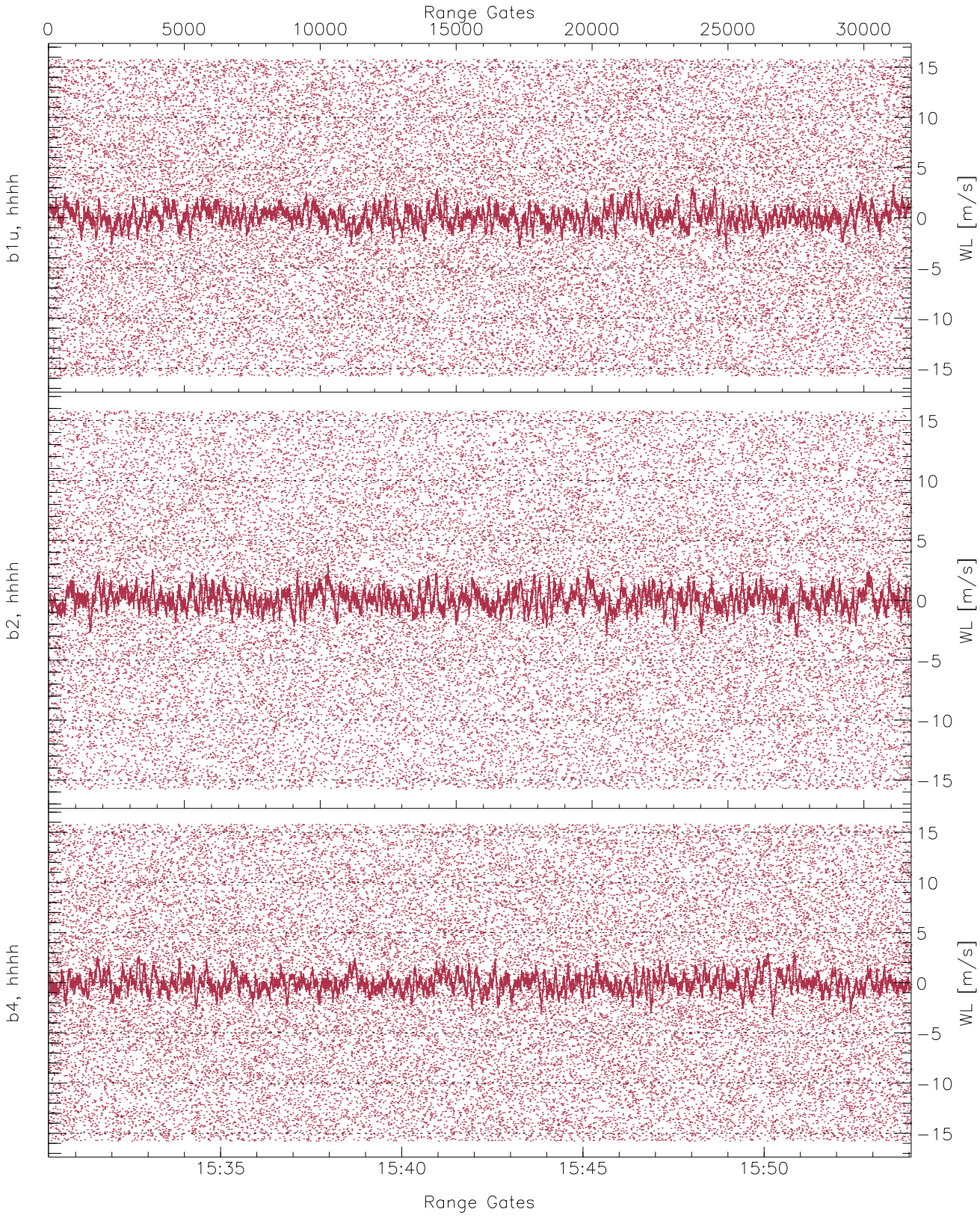
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.32	-63.84	-65.05	-65.05	-76.56
V2RG357_0 [dBm]	-65.99	-63.56	-64.75	-64.76	-76.26
H2RG368_0 [dBm]	-65.91	-63.56	-64.64	-64.64	-76.13



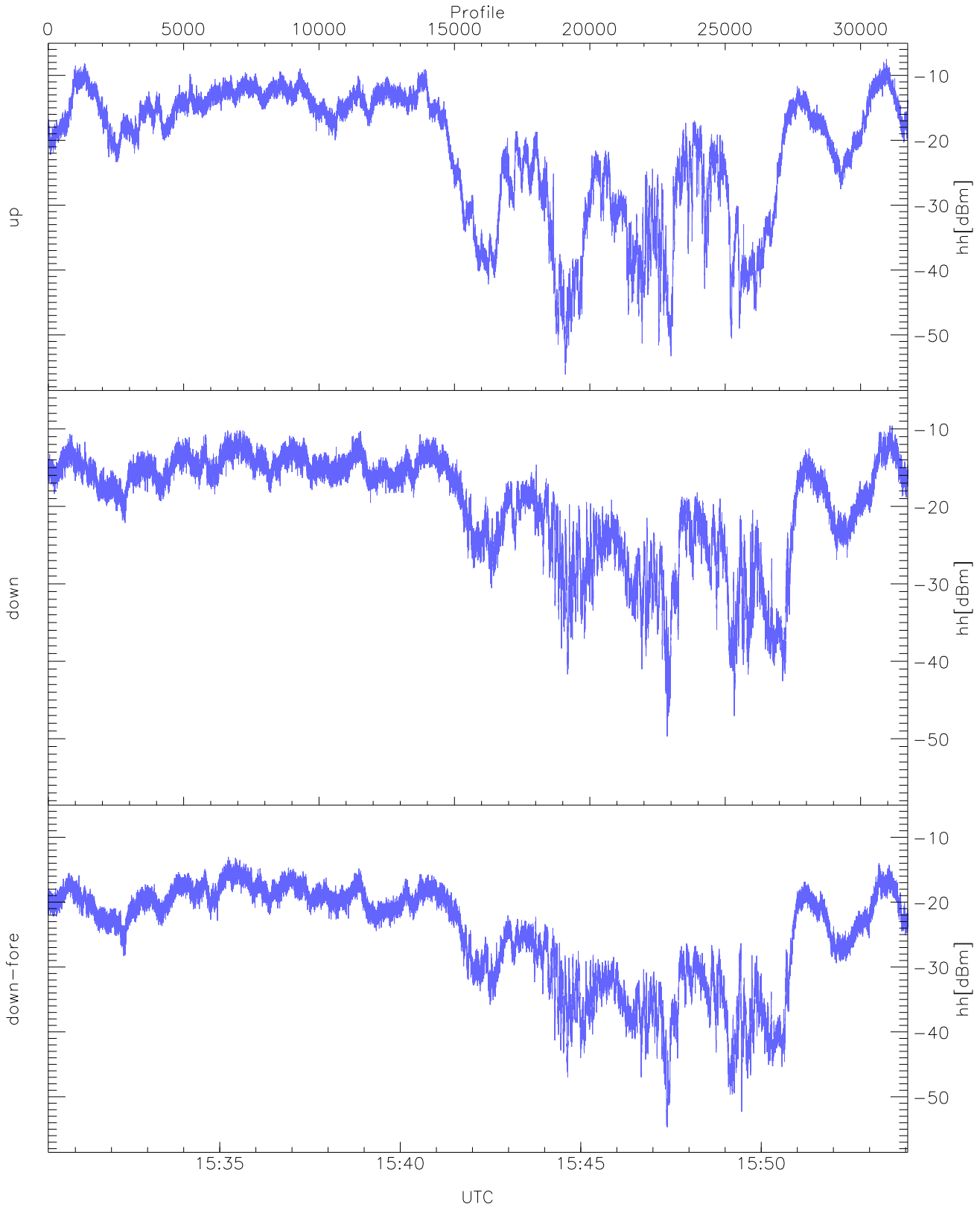
WCR3 CPP Averaged Received power for all recorded gates
blue: 153015-154209, 15871 profiles averaged
red: 154209-155404, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 153015-154209, 15871 profiles averaged
red: 154209-155404, 15871 profiles averaged

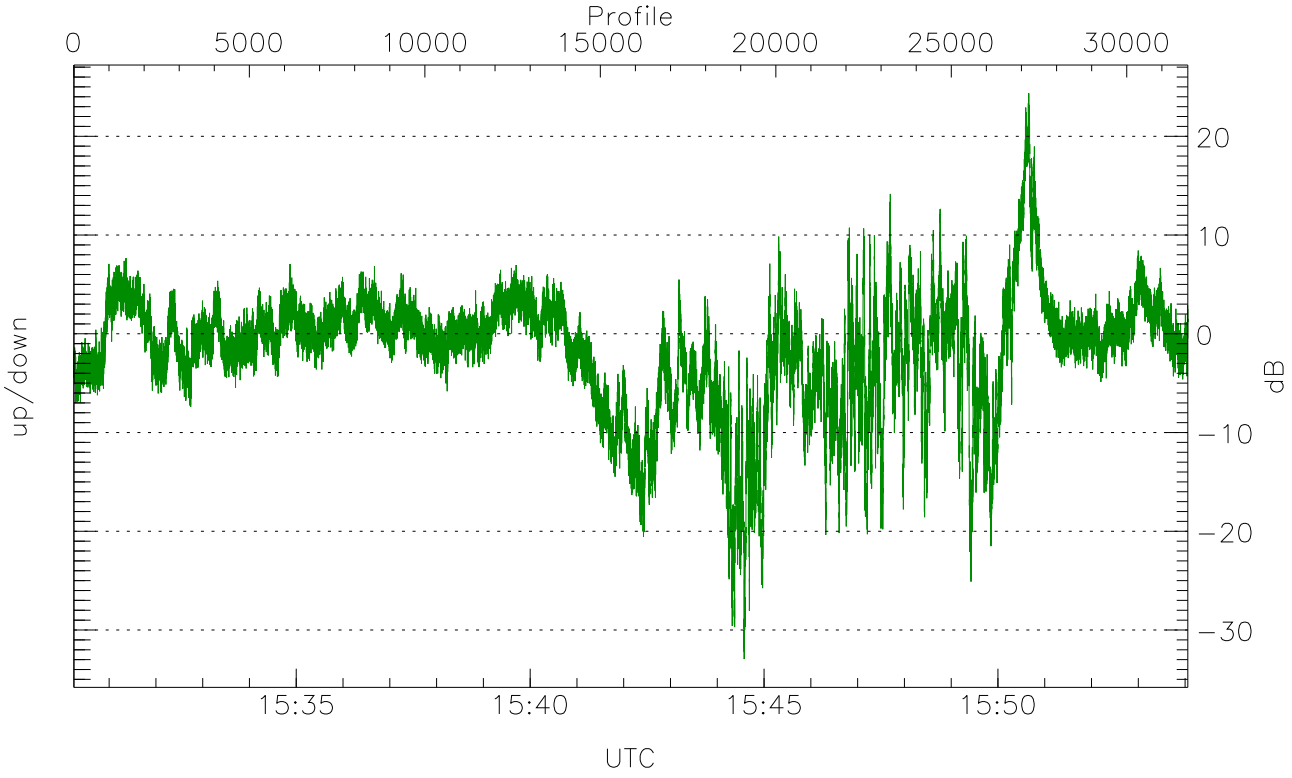


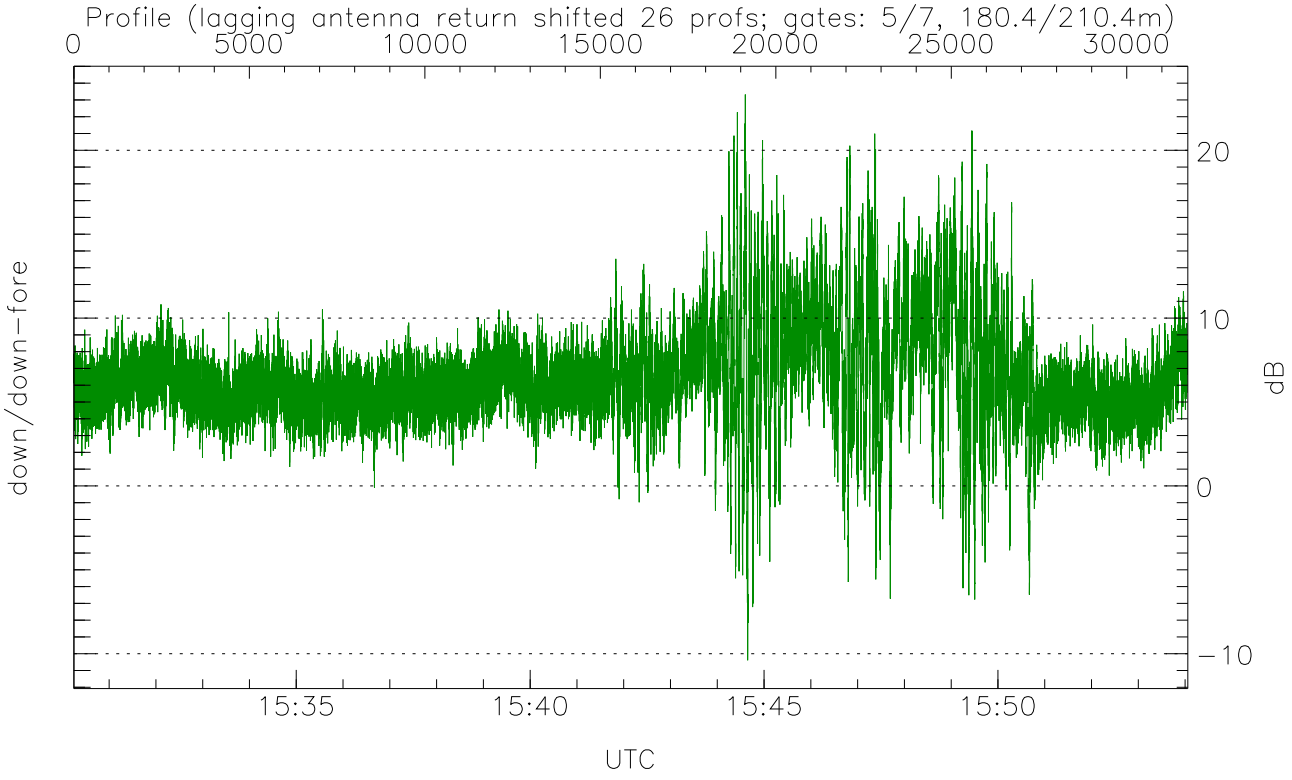
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

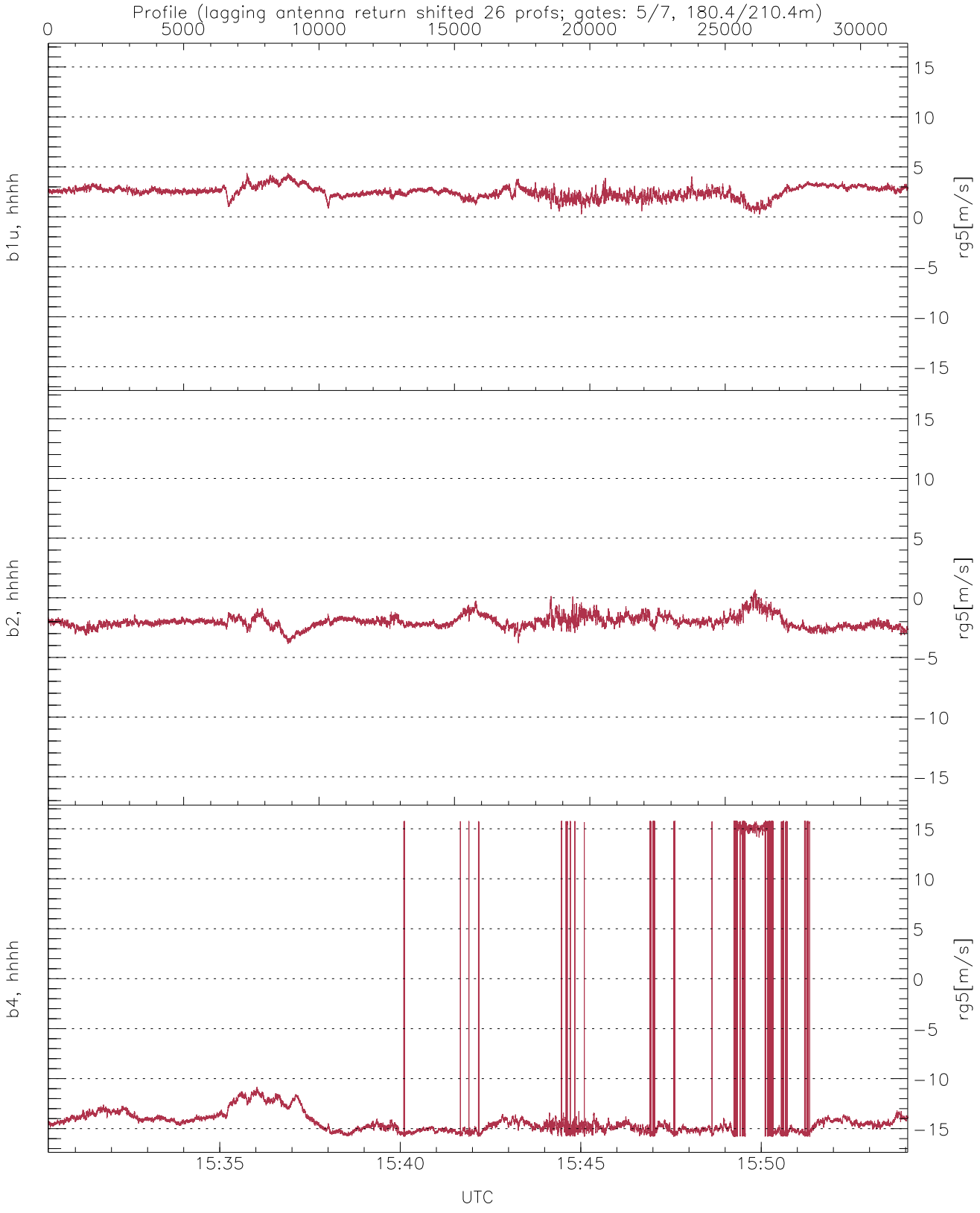
	Min	Max	Mean
up(hh[dBm])	-56.13	-7.47	-16.01
down(hh[dBm])	-49.71	-9.57	-16.67
down-fore(hh[dBm])	-54.68	-13.02	-21.05





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

	Min	Max	Mean
up/down(dB)	-32.94	24.35	-1.71
down/down-fore(dB)	-10.39	23.32	6.46



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.26	4.40	2.48	0.59
b2, hhhh(rg5[m/s])	-3.87	0.68	-2.02	0.52
b4, hhhh(rg5[m/s])	-15.79	15.79	-13.03	6.23