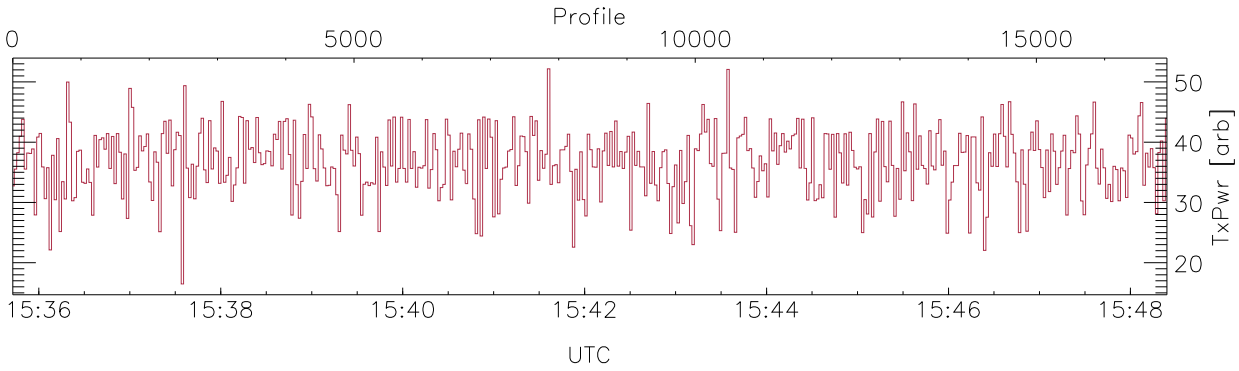
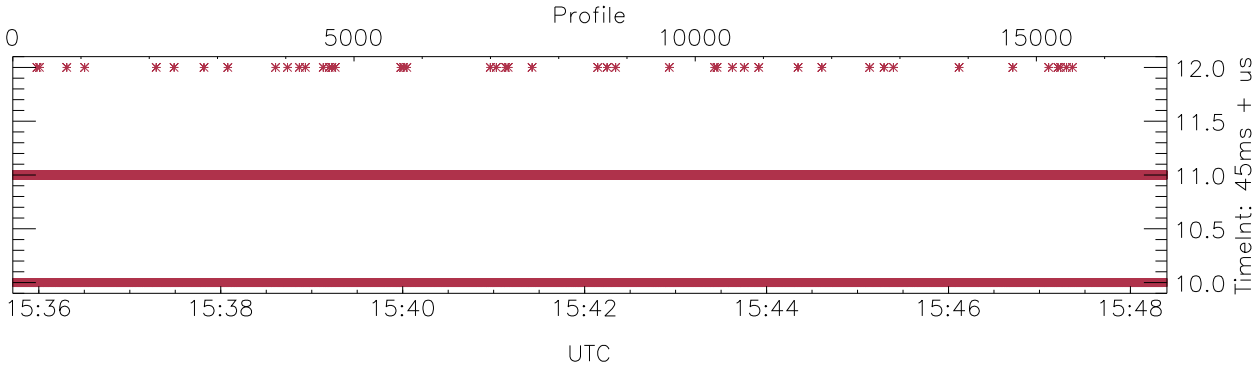
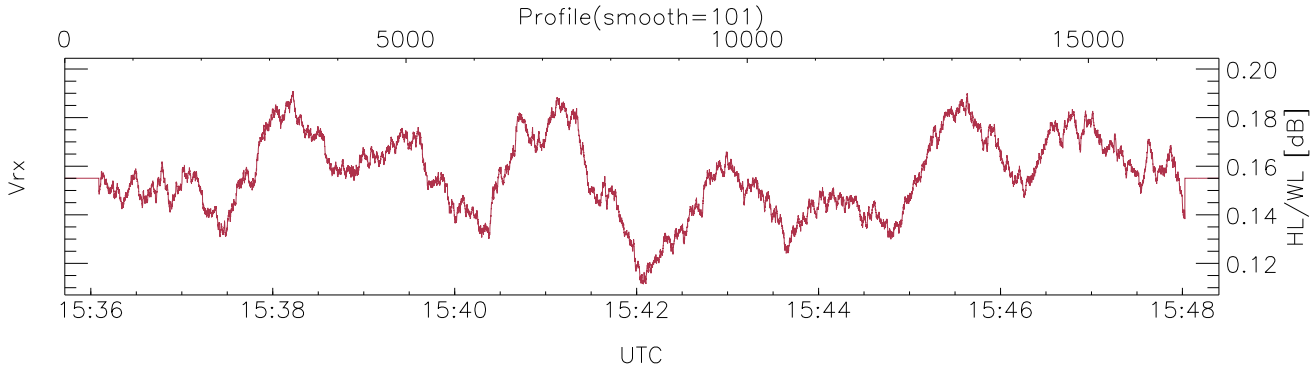
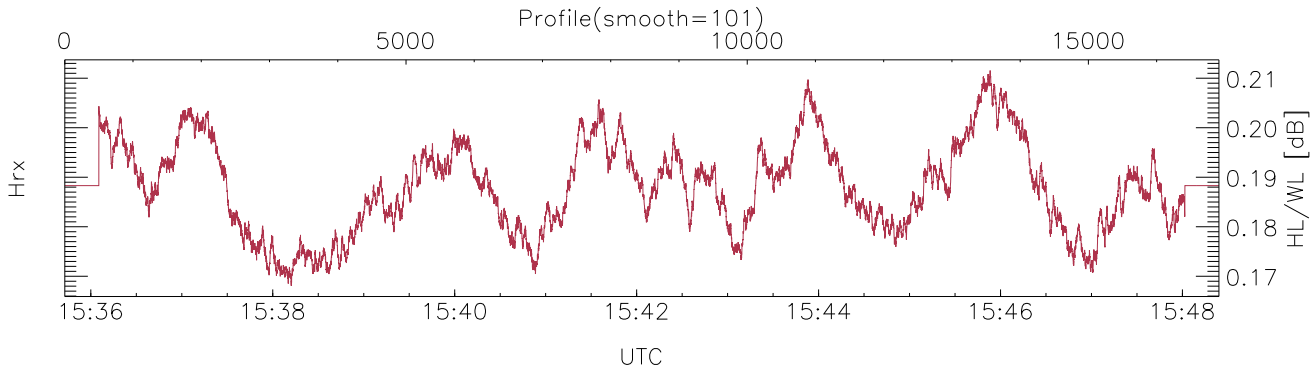


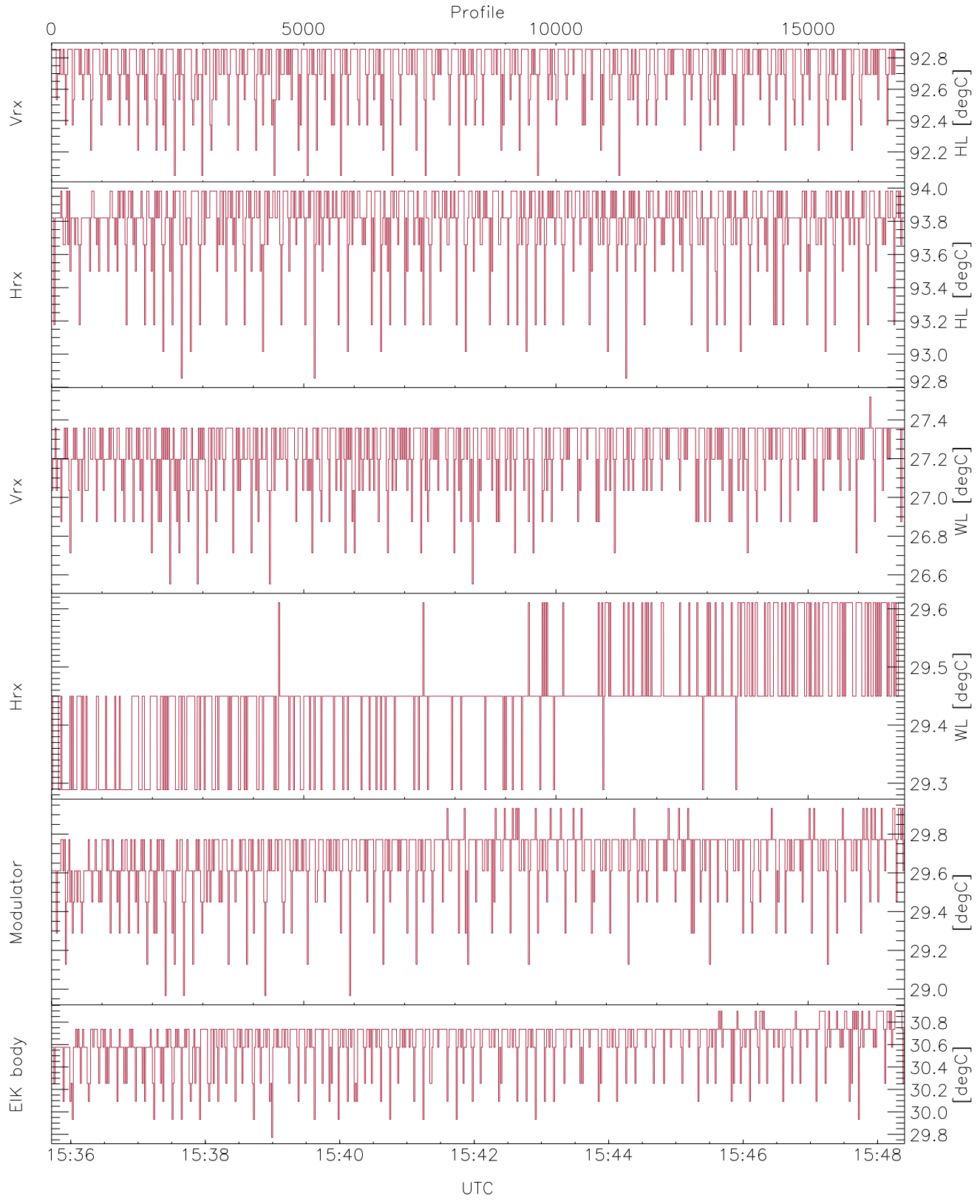






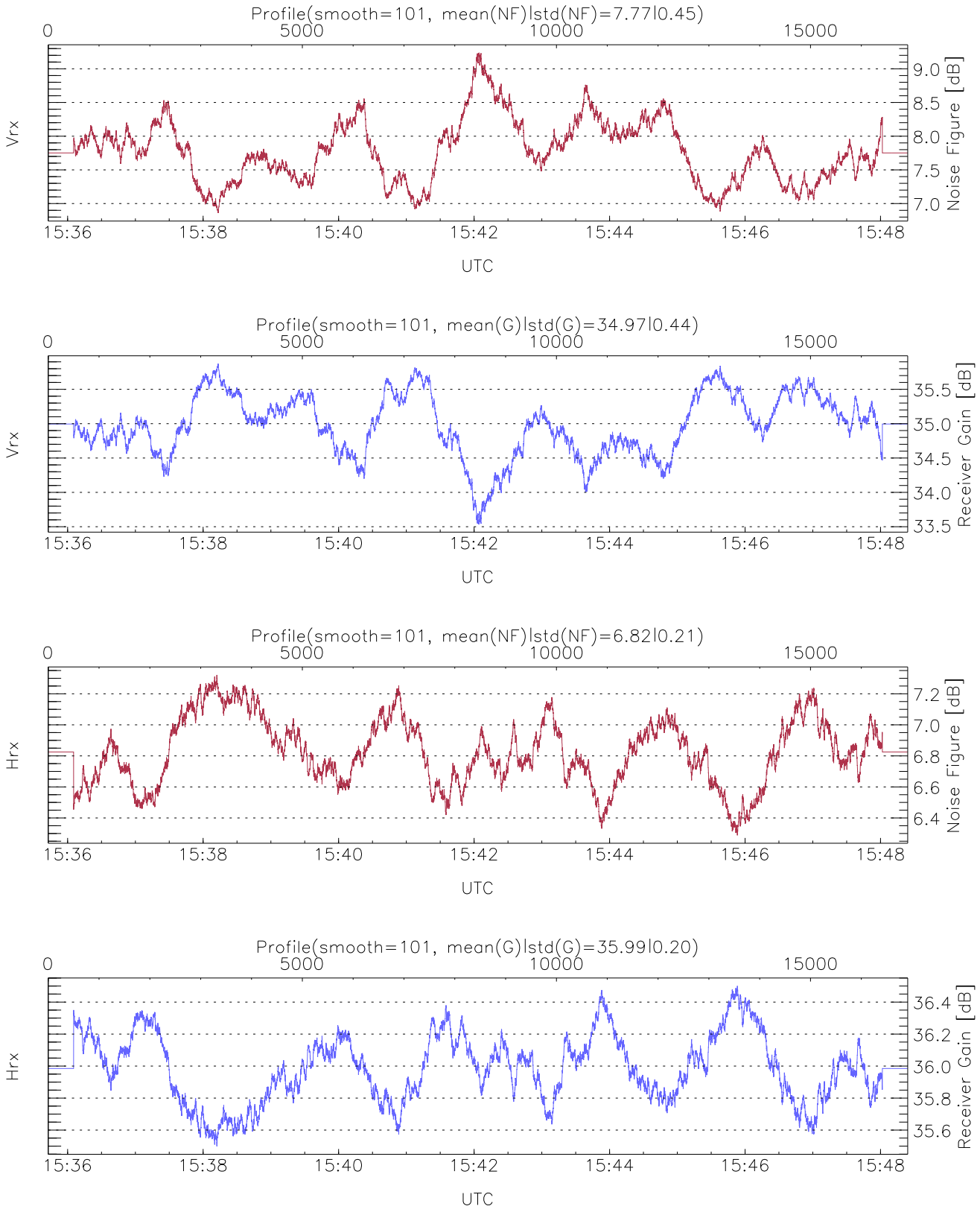
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:35:43-15:48:24, TimeCor: 0.00s, Dur: 761.27s
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): 16914/16914, 0-16913/15:35:43-15:48:24
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



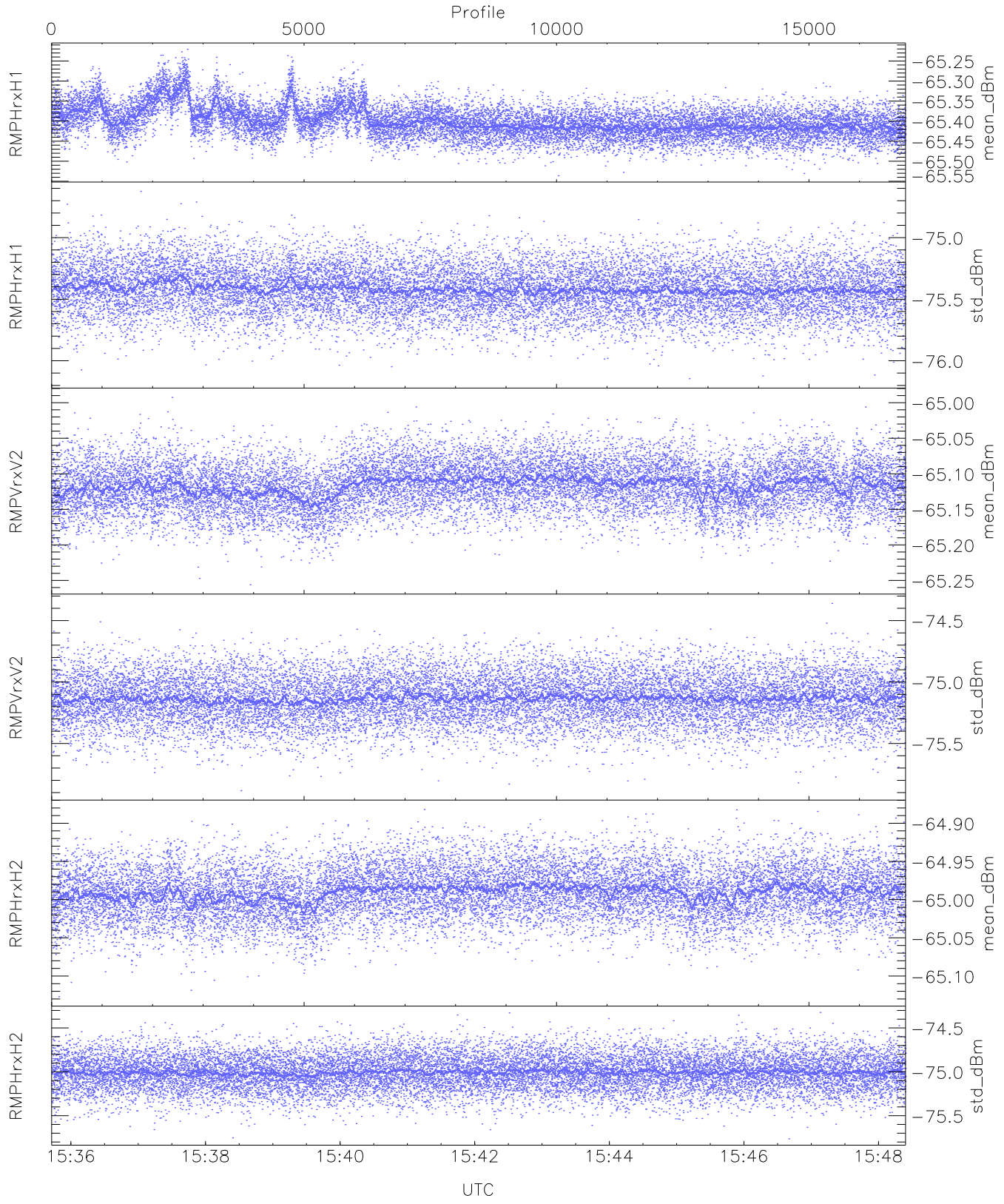
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,26,29,28,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,29,30
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,44,22,22)



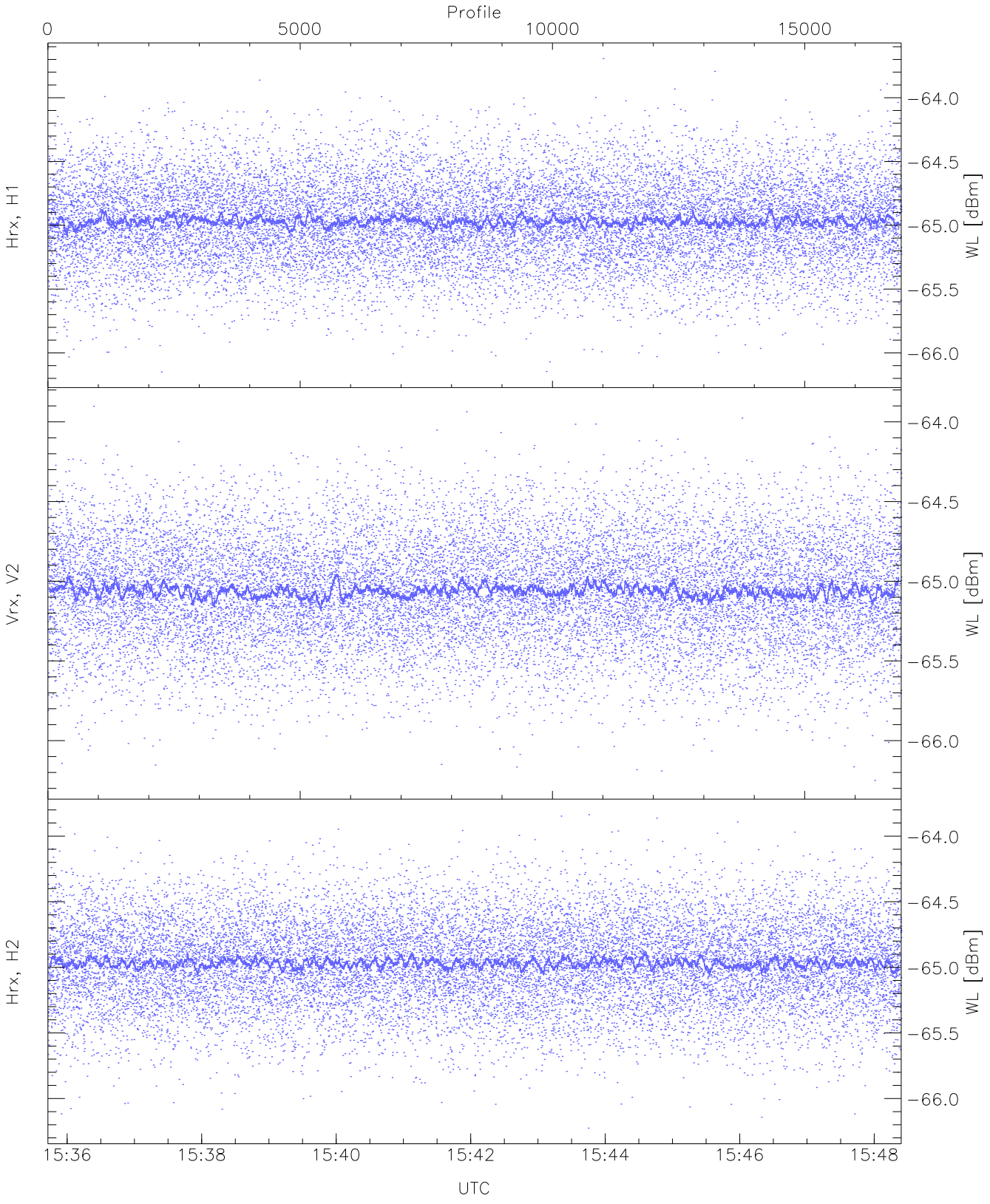
WCR3 CPP Receivers Gain and Noise Figure

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



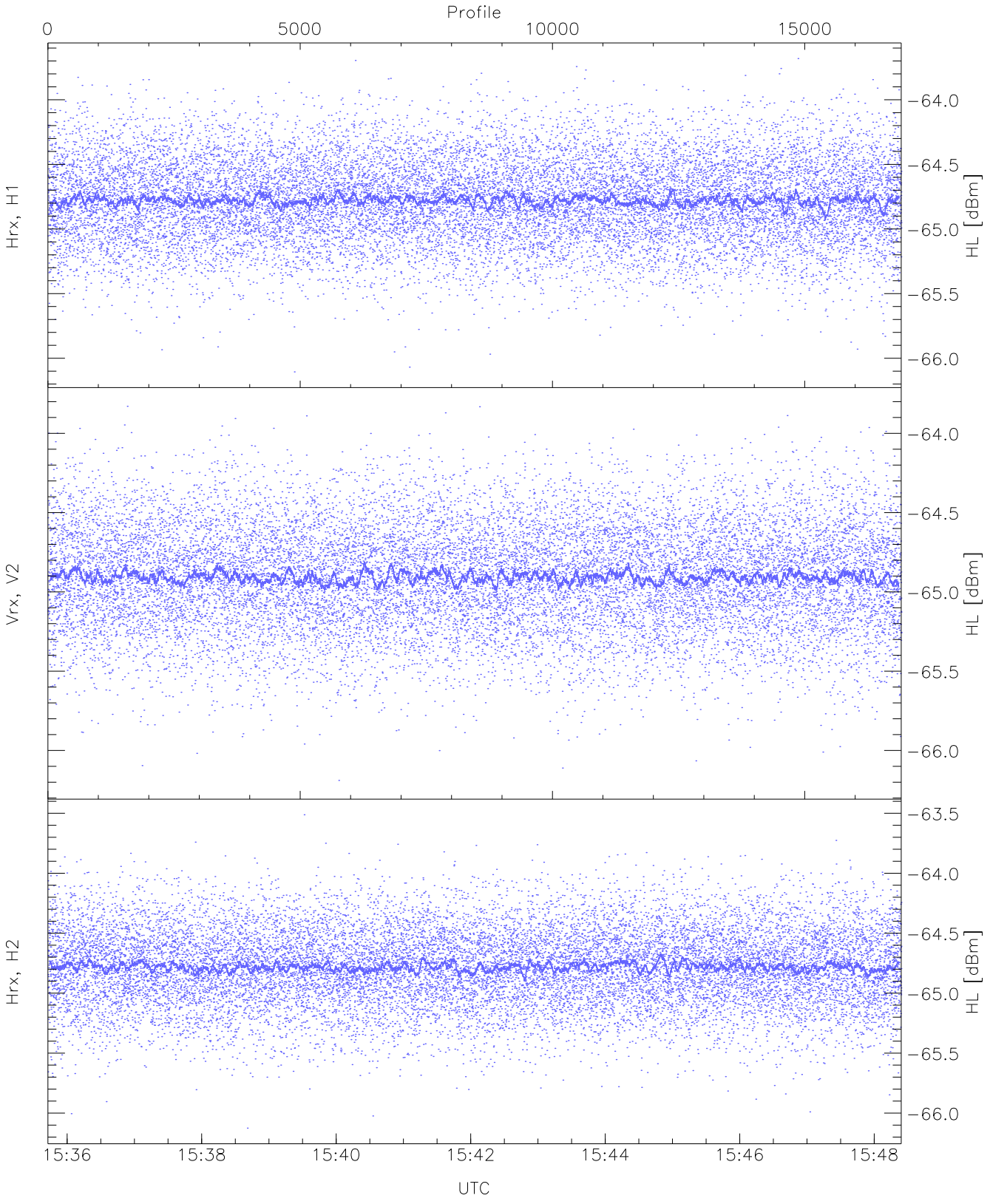
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.54	-65.22	-65.40	-65.40	-85.74
RMPHrxH1(std_dBm)	-76.15	-74.62	-75.41	-75.42	-89.16
RMPVrxV2(mean_dBm)	-65.26	-64.99	-65.12	-65.12	-86.50
RMPVrxV2(std_dBm)	-75.88	-74.36	-75.13	-75.14	-88.92
RMPHrxH2(mean_dBm)	-65.13	-64.88	-64.99	-64.99	-86.46
RMPHrxH2(std_dBm)	-75.76	-74.32	-75.01	-75.01	-88.78



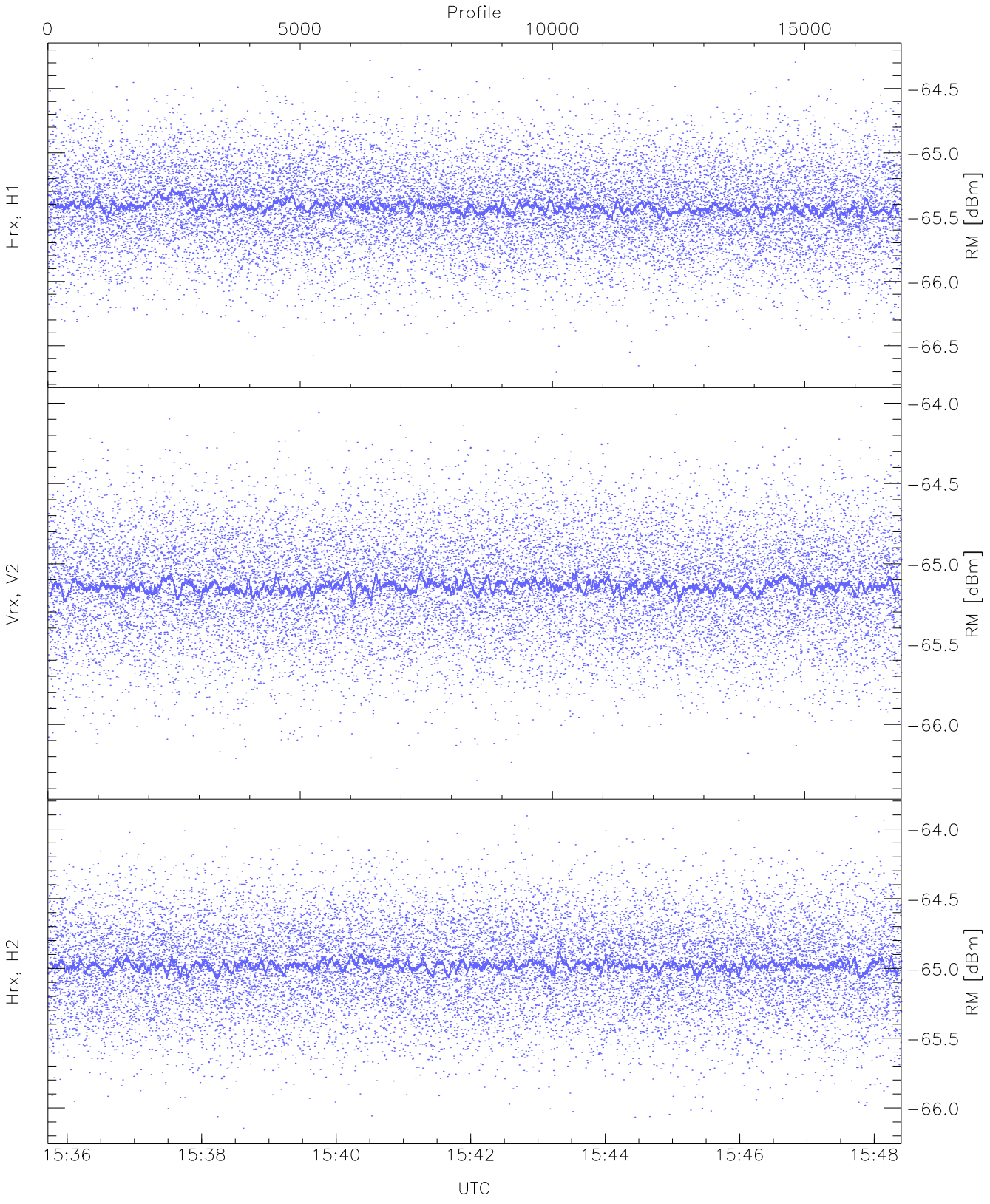
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.15	-63.69	-64.96	-64.97	-76.44
Vrx, V2(WL [dBm])	-66.25	-63.90	-65.05	-65.06	-76.53
Hrx, H2(WL [dBm])	-66.23	-63.84	-64.96	-64.97	-76.45



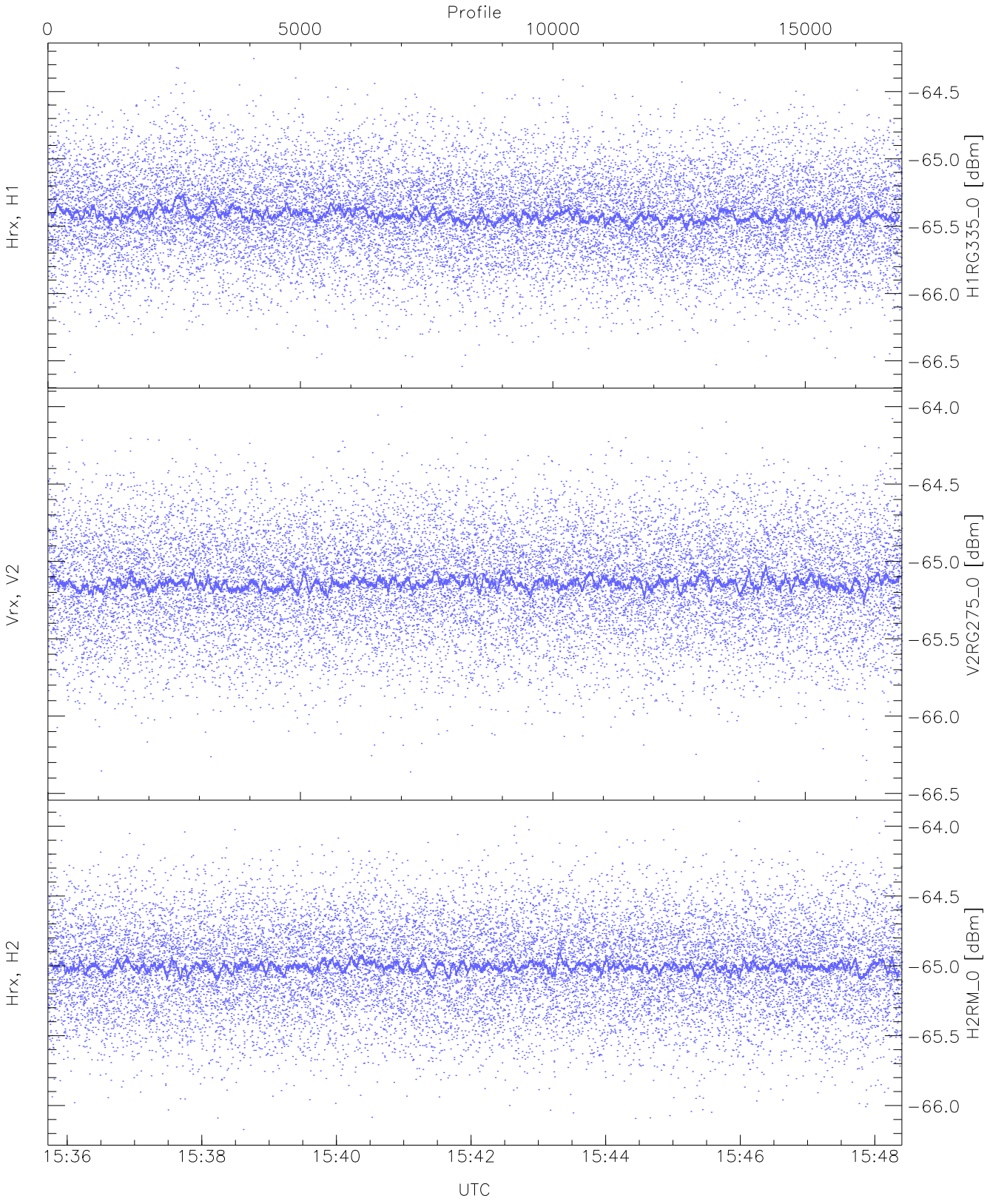
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.11	-63.68	-64.77	-64.78	-76.26
Vrx, V2(HL [dBm])	-66.19	-63.83	-64.90	-64.91	-76.36
Hrx, H2(HL [dBm])	-66.13	-63.51	-64.77	-64.78	-76.29



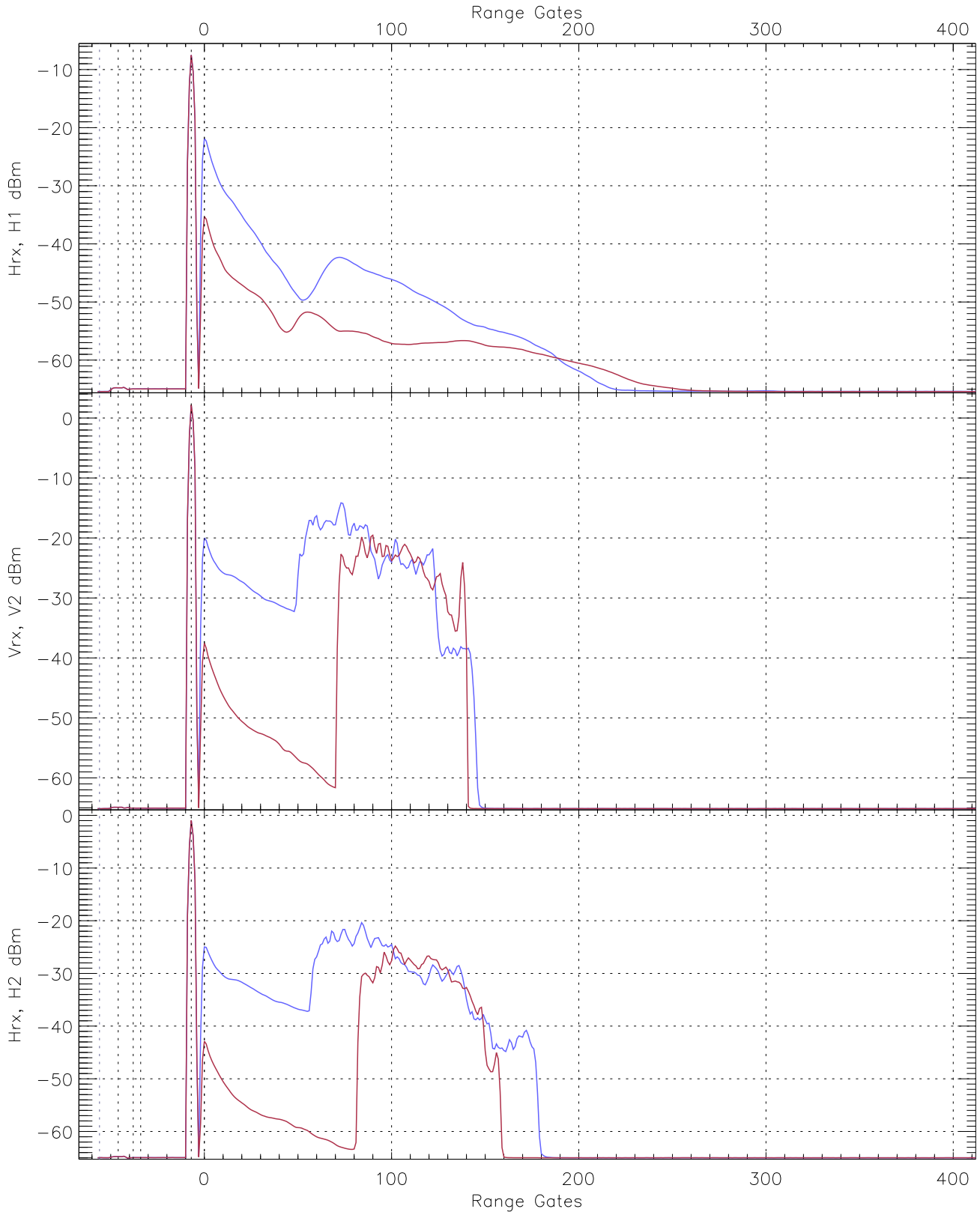
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.70	-64.27	-65.41	-65.42	-76.88
Vrx, V2(RM [dBm])	-66.35	-64.02	-65.13	-65.14	-76.67
Hrx, H2(RM [dBm])	-66.14	-63.90	-64.97	-64.98	-76.49

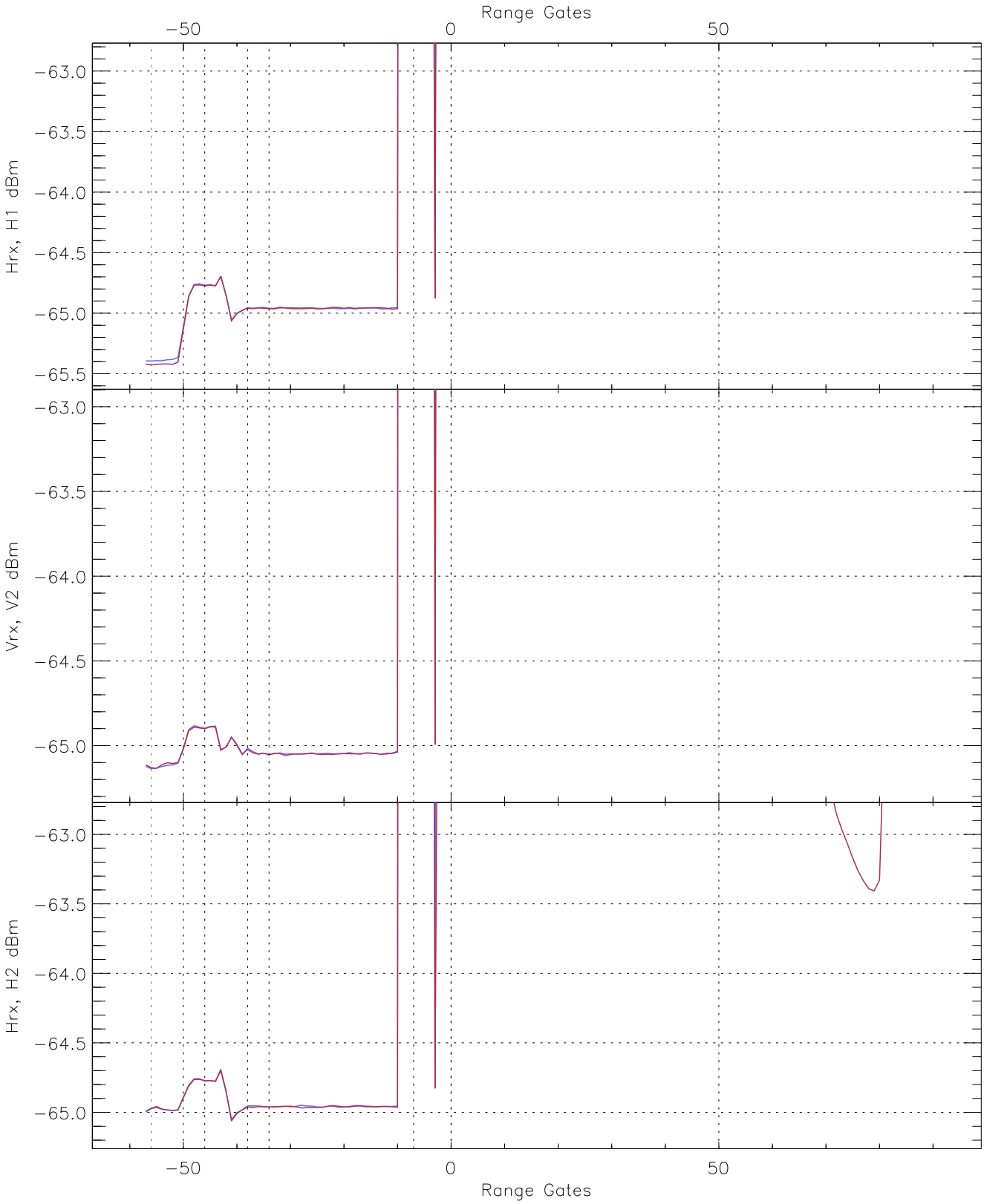


WCR3 CPP "Best" estimate Receivers Noise Power

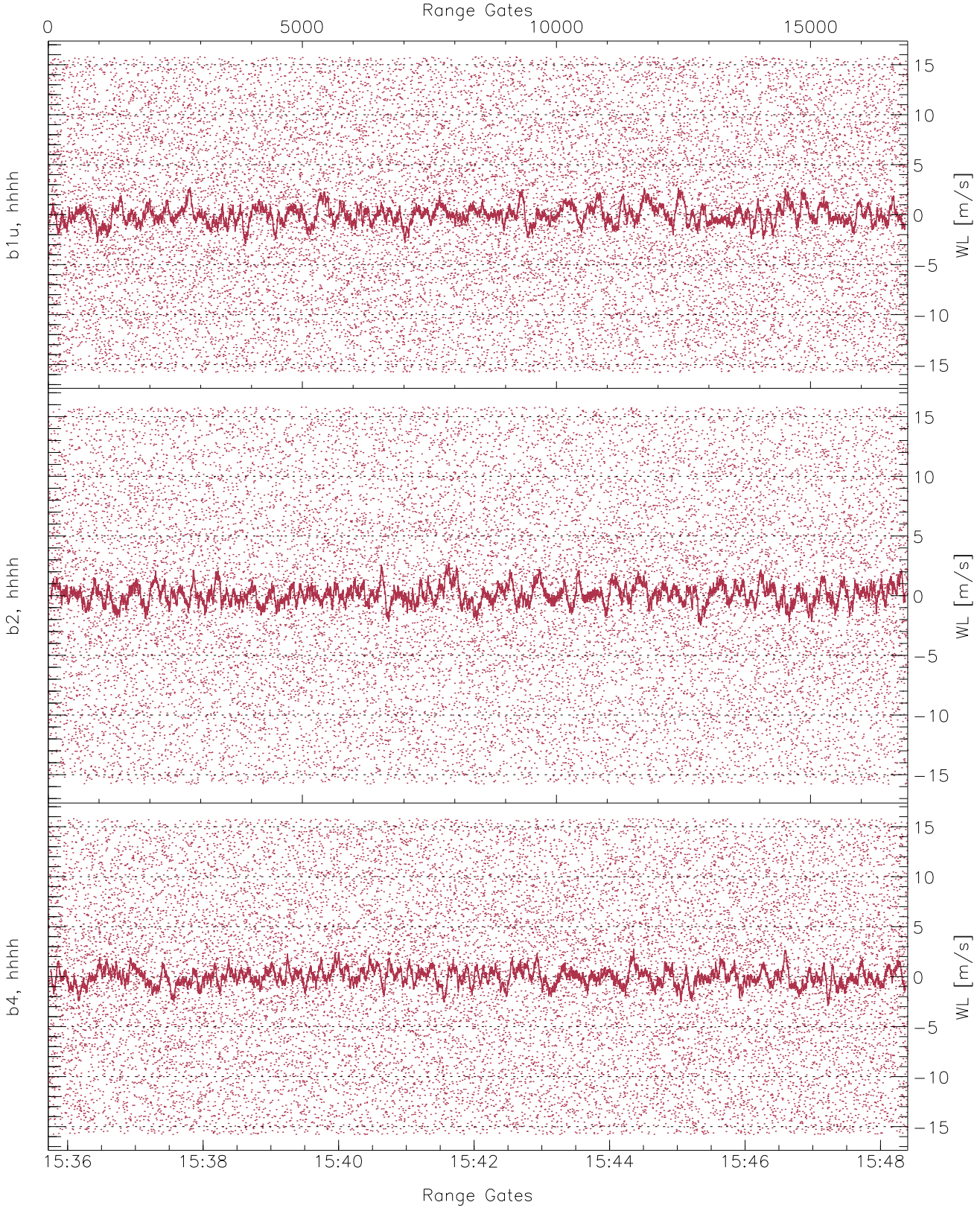
	Min	Max	Mean	Median	StDev
H1RG335_0 [dBm]	-66.59	-64.26	-65.41	-65.42	-76.93
V2RG275_0 [dBm]	-66.42	-64.00	-65.13	-65.14	-76.64
H2RM_0 [dBm]	-66.17	-63.93	-65.00	-65.00	-76.52



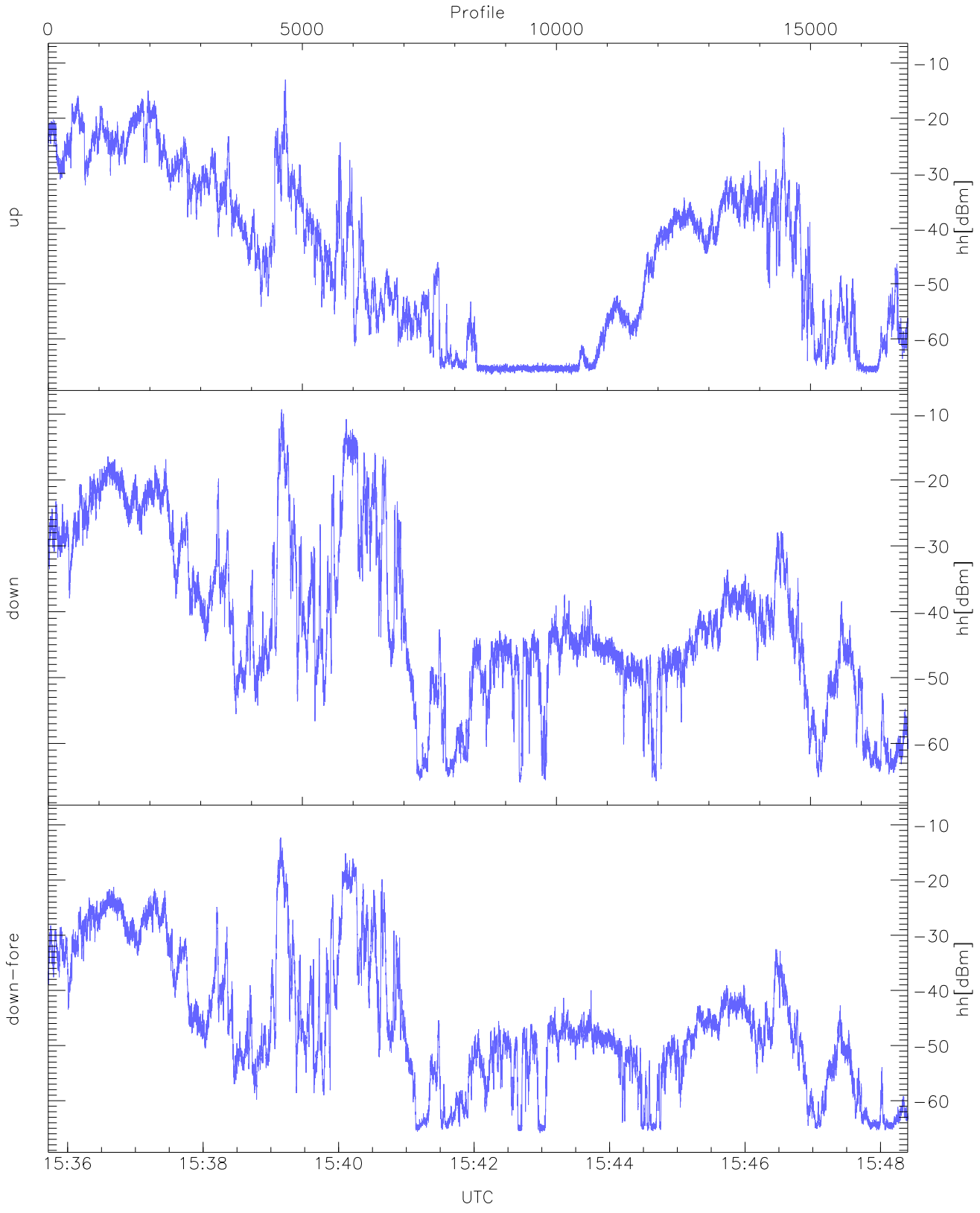
WCR3 CPP Averaged Received power for all recorded gates
blue: 153543-154203, 8458 profiles averaged
red: 154203-154824, 8457 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 153543-154203, 8458 profiles averaged
red: 154203-154824, 8457 profiles averaged

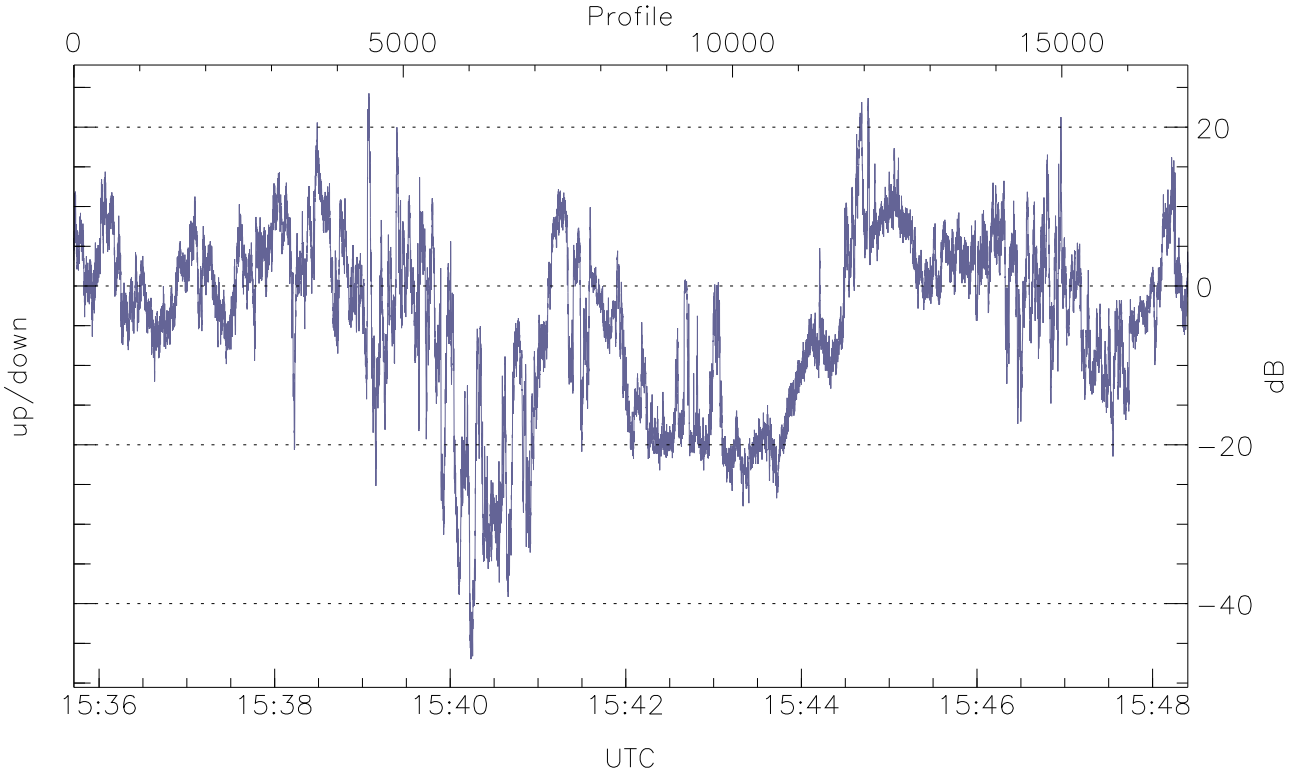


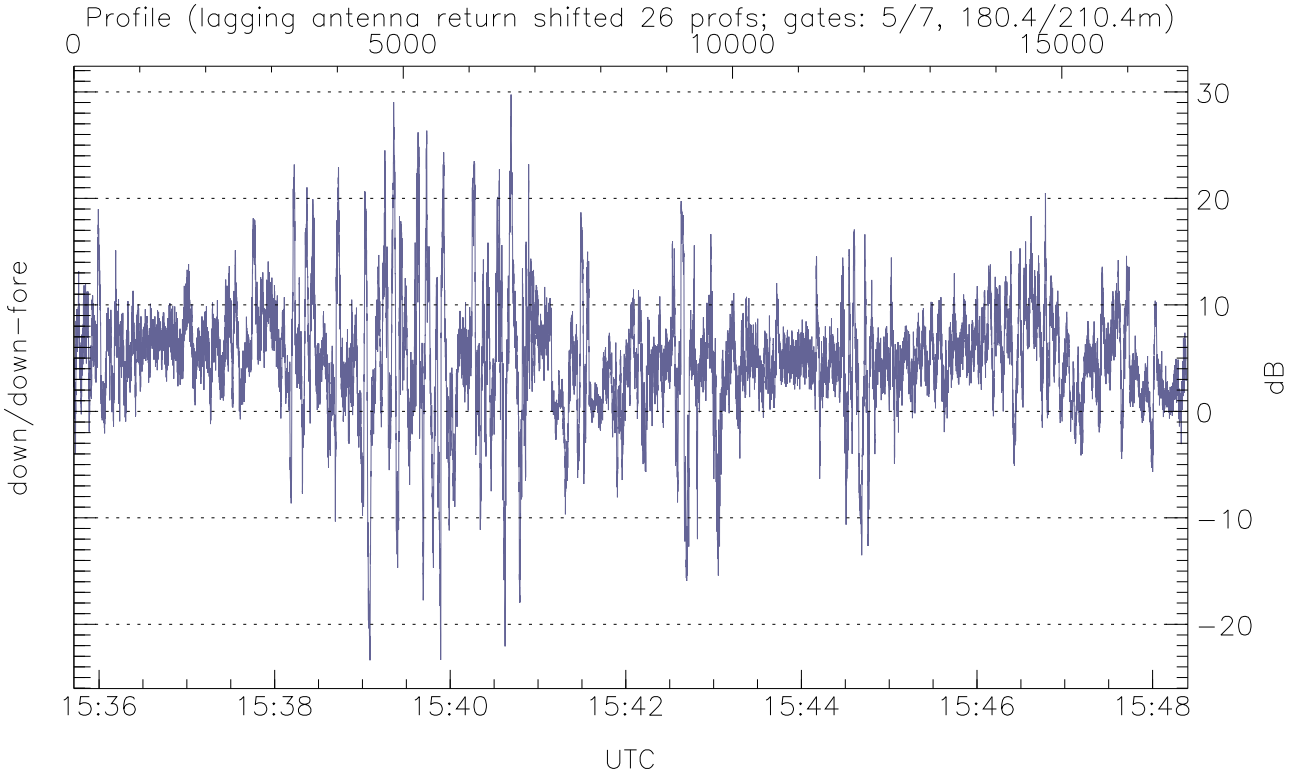
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

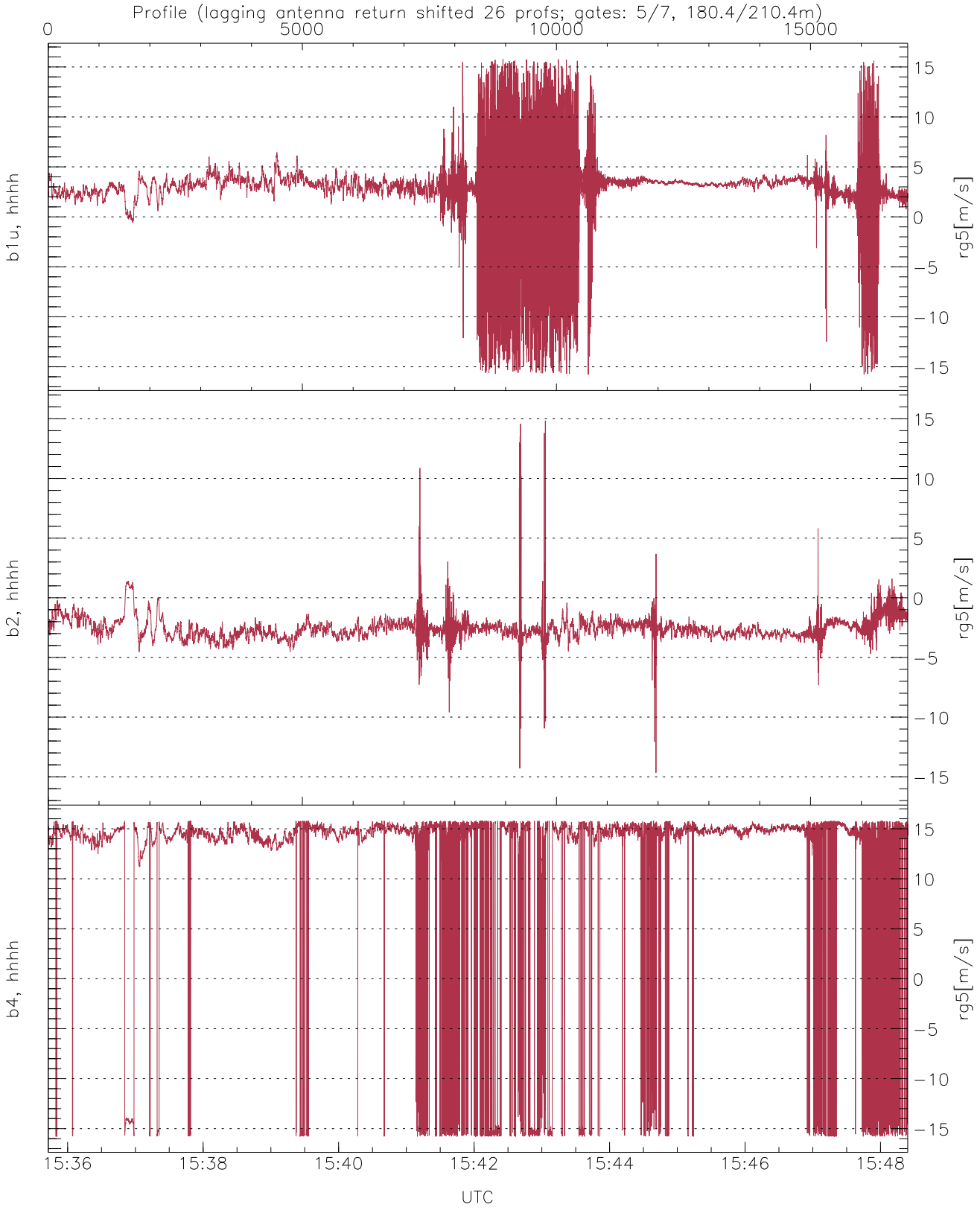
	Min	Max	Mean
up(hh[dBm])	-66.50	-12.99	-29.58
down(hh[dBm])	-65.92	-9.27	-26.77
down-fore(hh[dBm])	-65.84	-12.29	-31.17





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

	Min	Max	Mean
up/down(dB)	-46.98	24.26	-4.21
down/down-fore(dB)	-23.38	29.76	4.88



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.78	2.72	3.37
b2, hhhh(rg5[m/s])	-14.66	14.84	-2.54	0.97
b4, hhhh(rg5[m/s])	-15.79	15.79	11.34	9.24