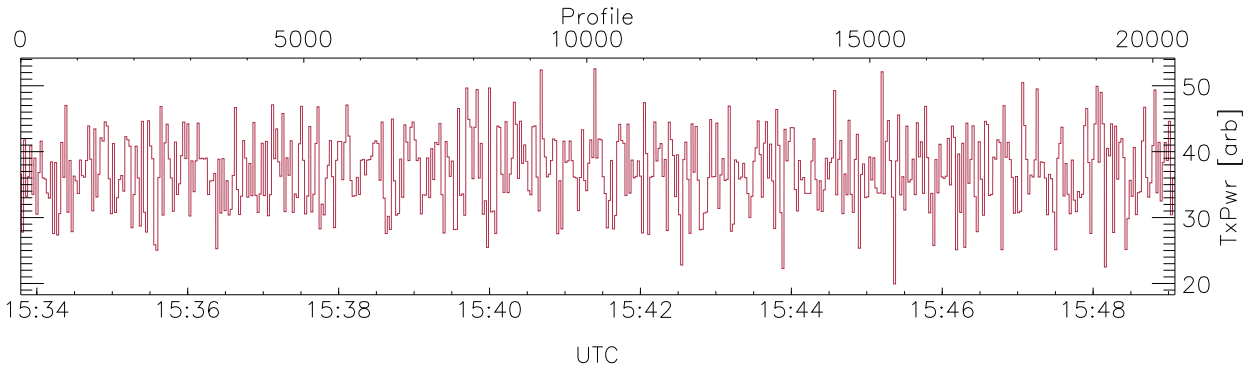
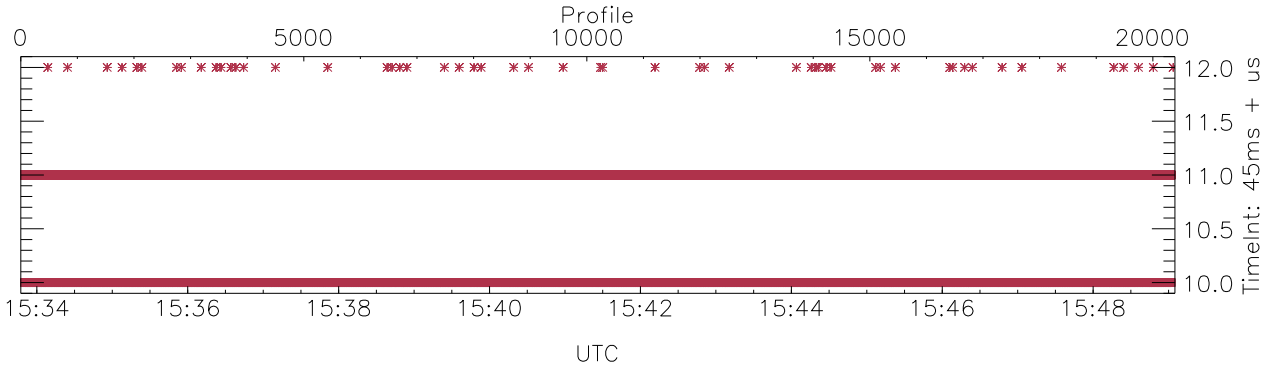
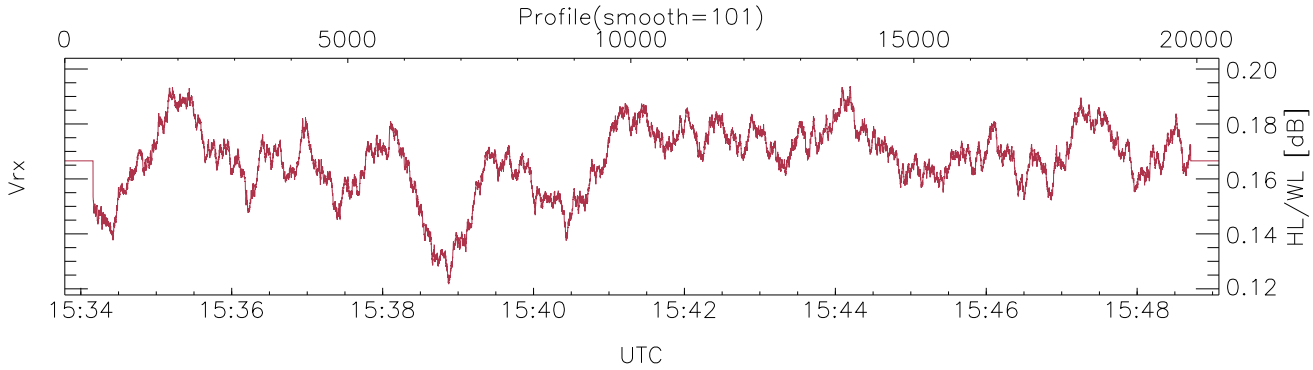
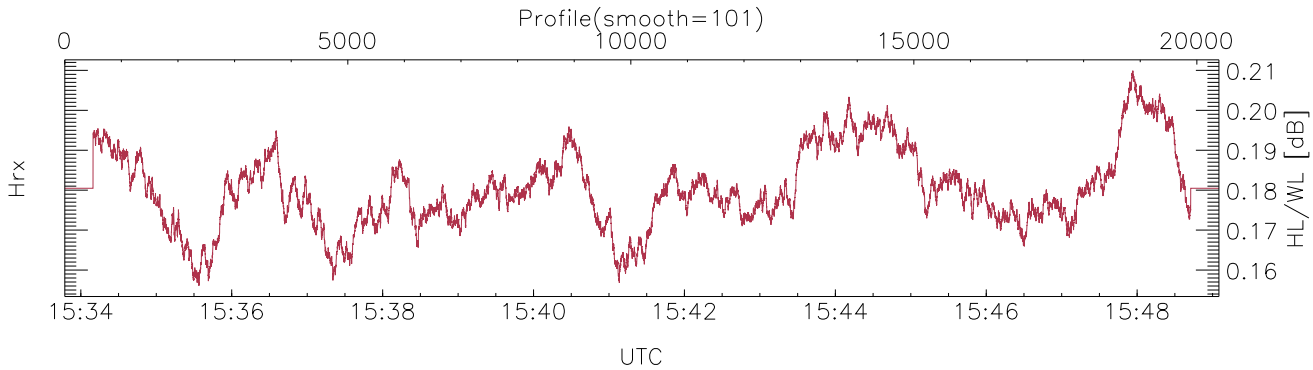


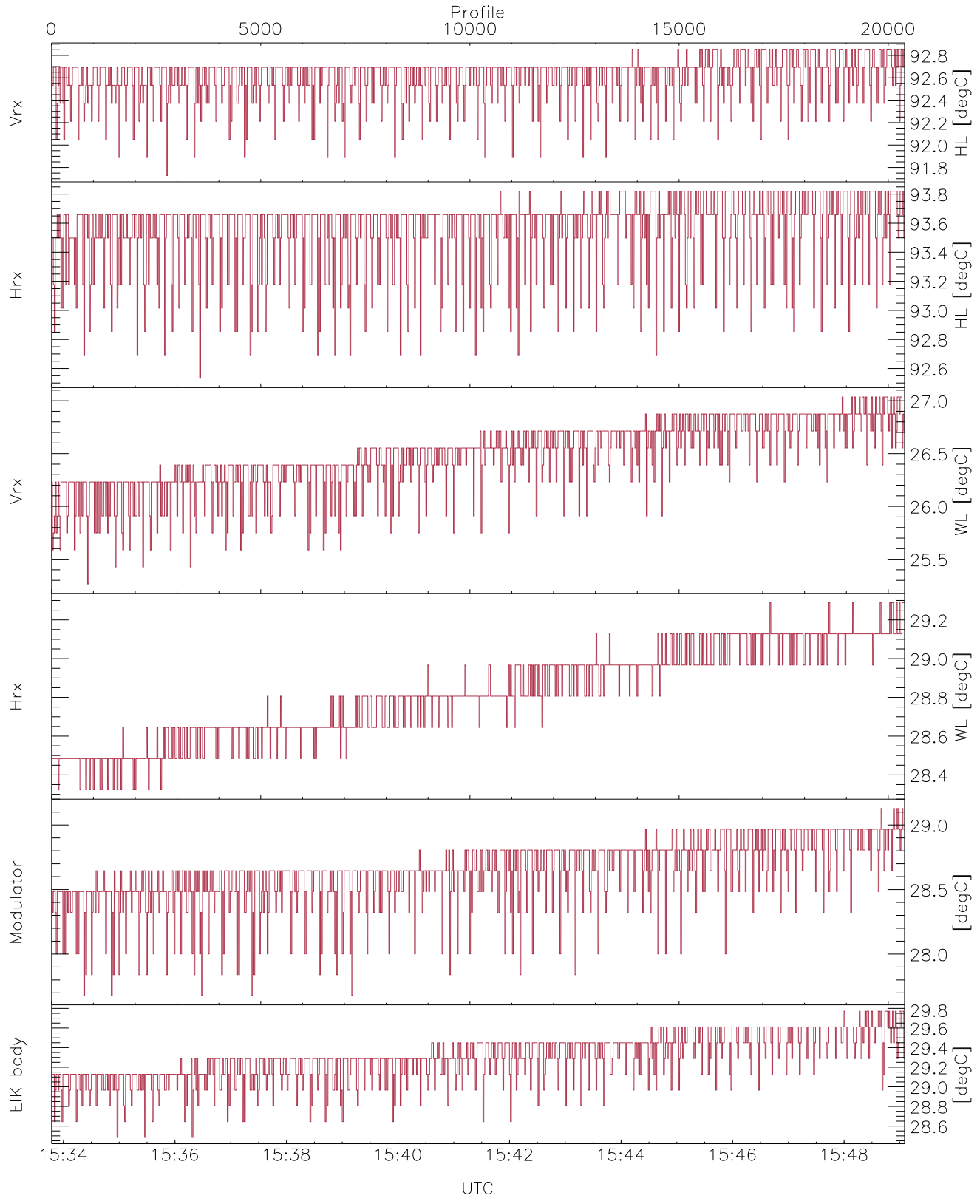






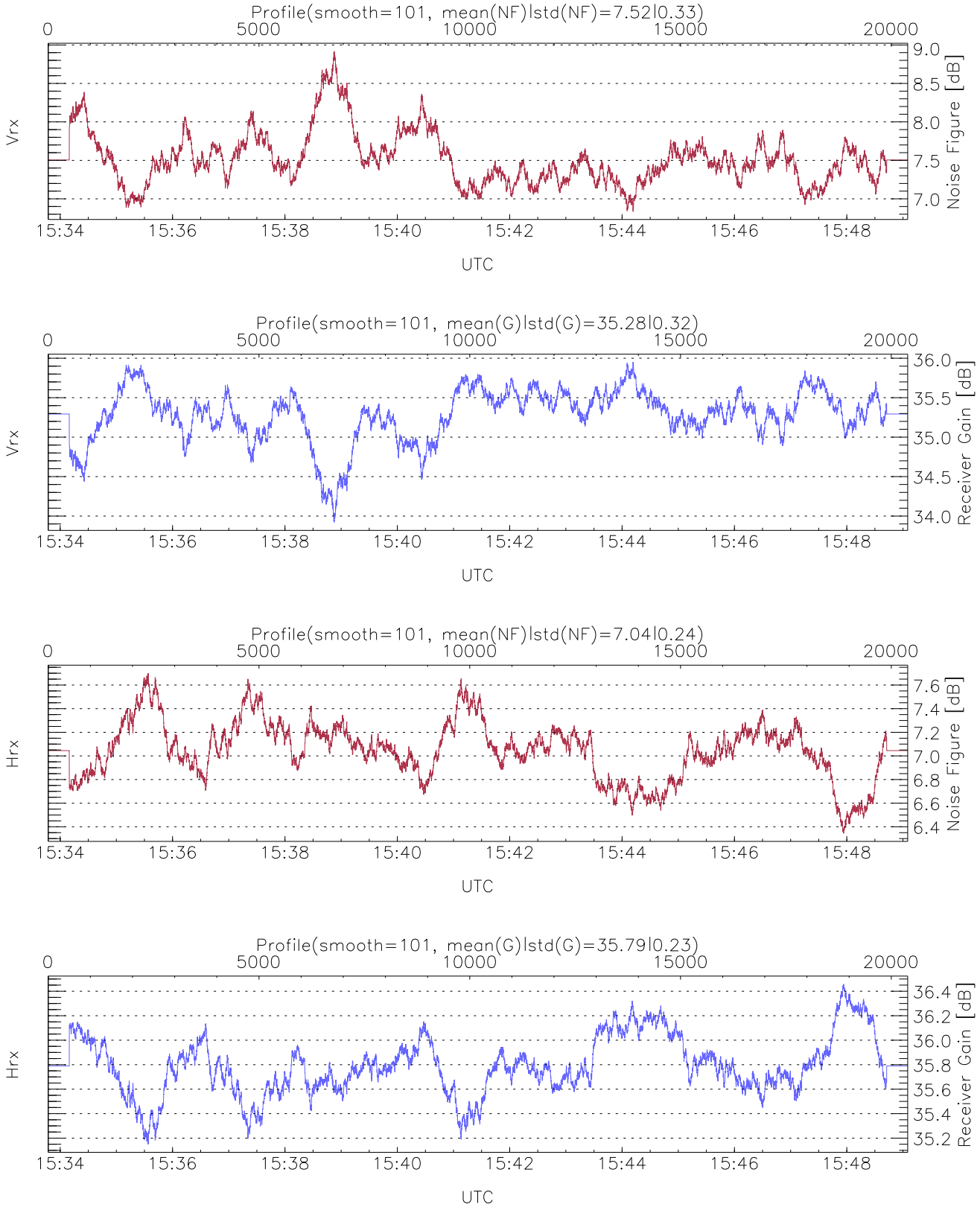
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:33:47-15:49:05, TimeCor: 0.00s, Dur: 917.82s
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): 20392/20392, 0-20391/15:33:47-15:49:05
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



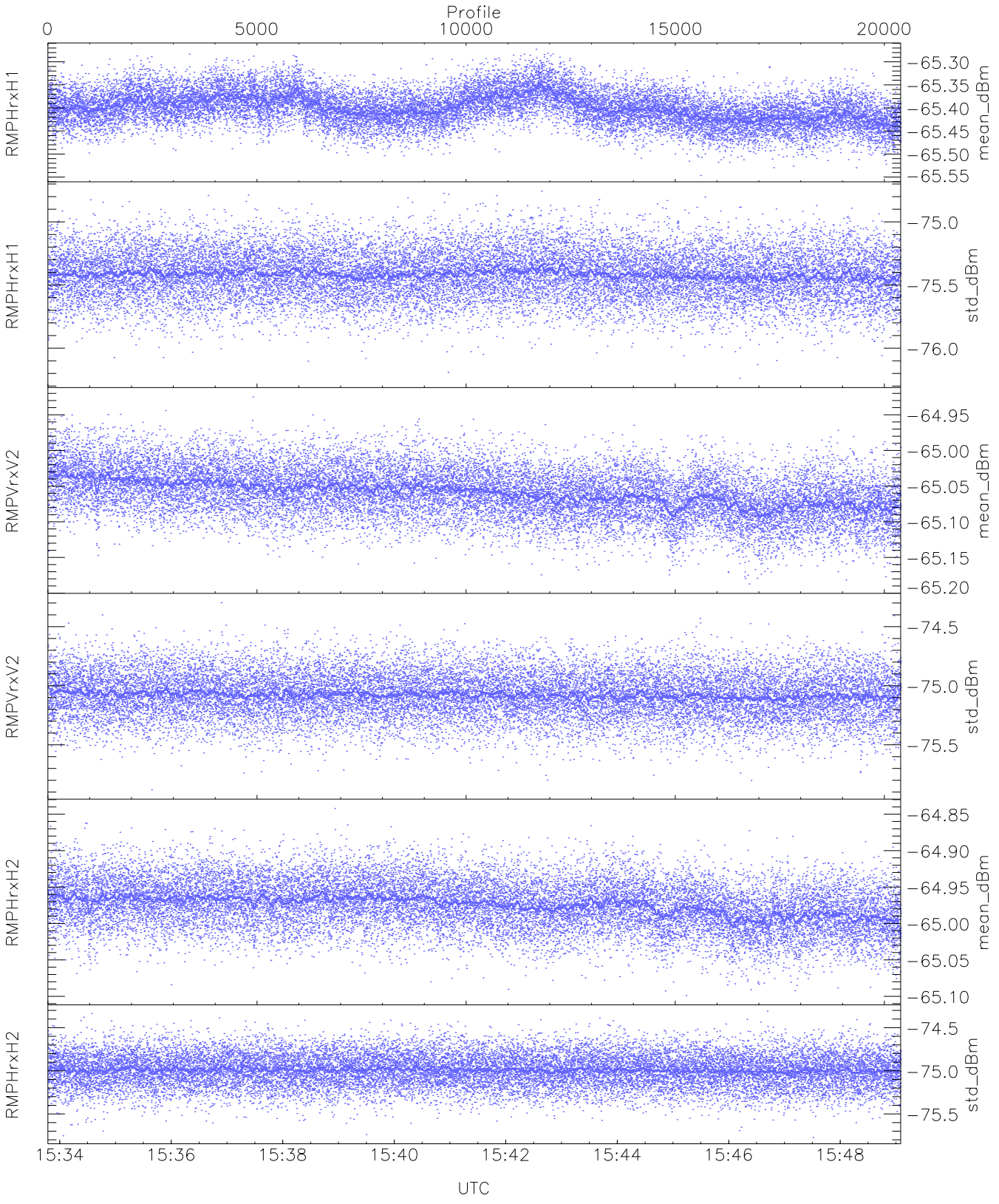
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,28,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,29,29
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK/Modulator Faults: None



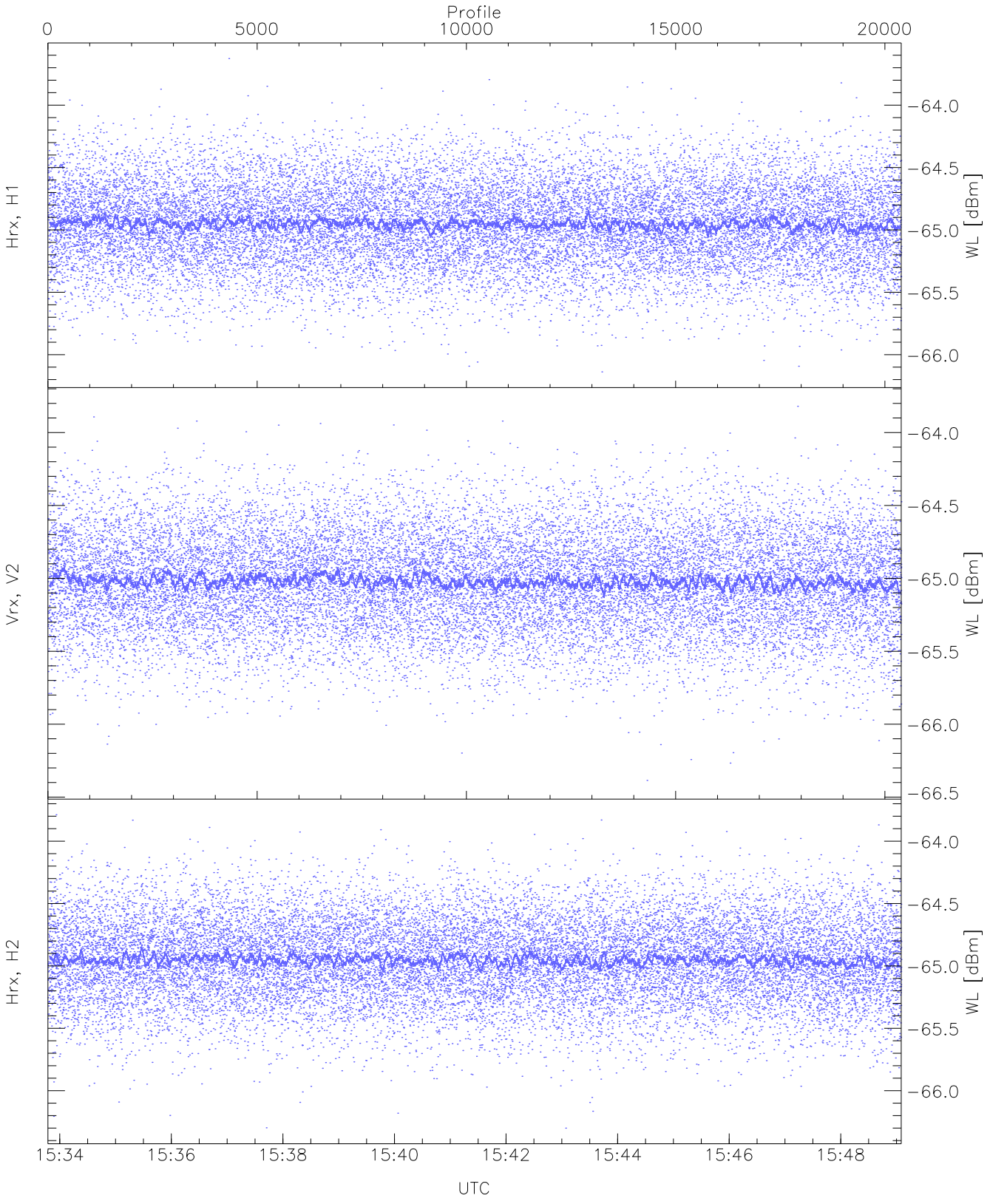
WCR3 CPP Receivers Gain and Noise Figure

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



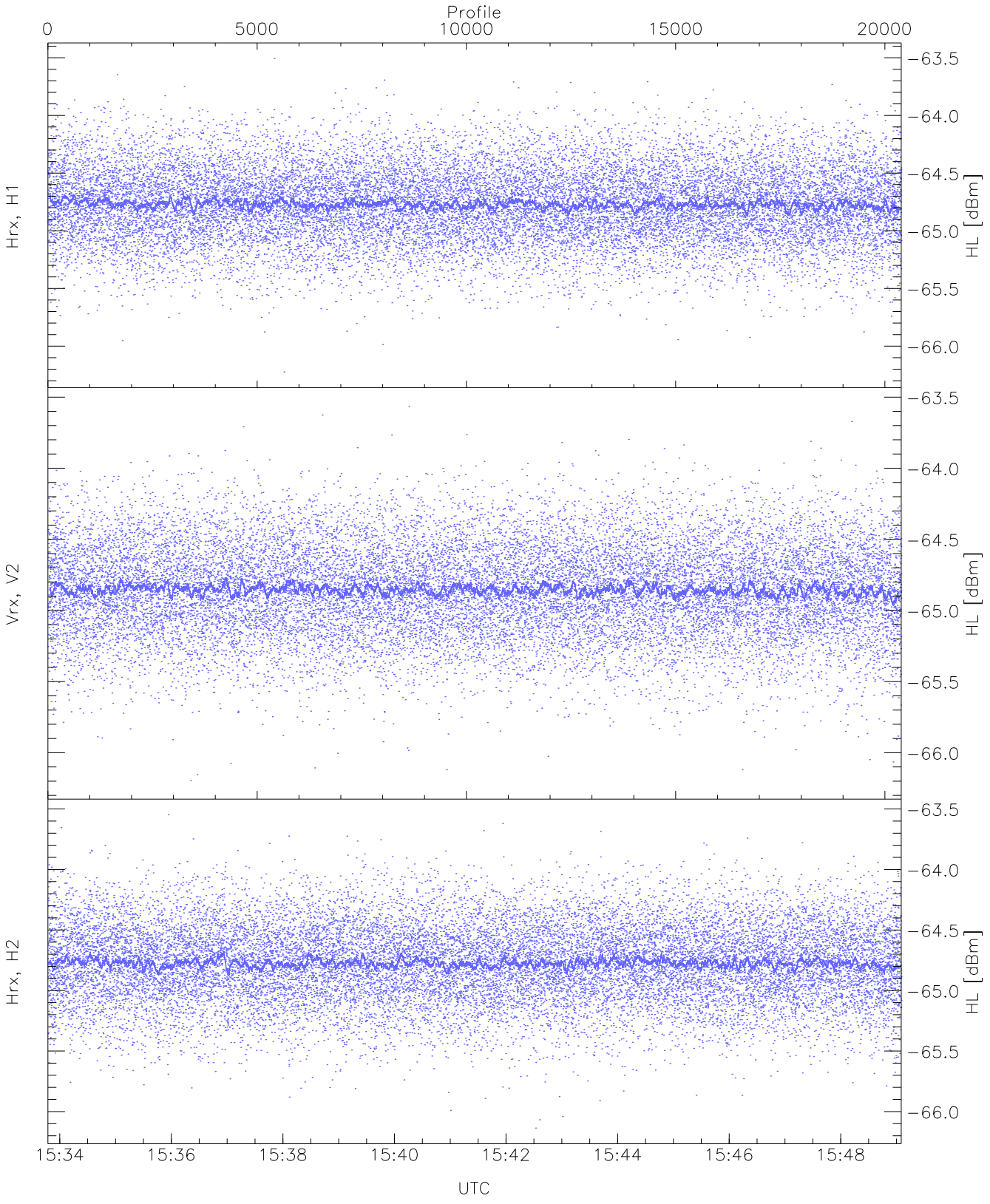
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.55	-65.27	-65.40	-65.40	-86.20
RMPHrxH1(std_dBm)	-76.24	-74.76	-75.41	-75.42	-89.20
RMPVrxV2(mean_dBm)	-65.19	-64.92	-65.06	-65.06	-86.21
RMPVrxV2(std_dBm)	-75.88	-74.30	-75.08	-75.08	-88.86
RMPHrxH2(mean_dBm)	-65.10	-64.84	-64.97	-64.97	-86.32
RMPHrxH2(std_dBm)	-75.77	-74.31	-74.99	-74.99	-88.79



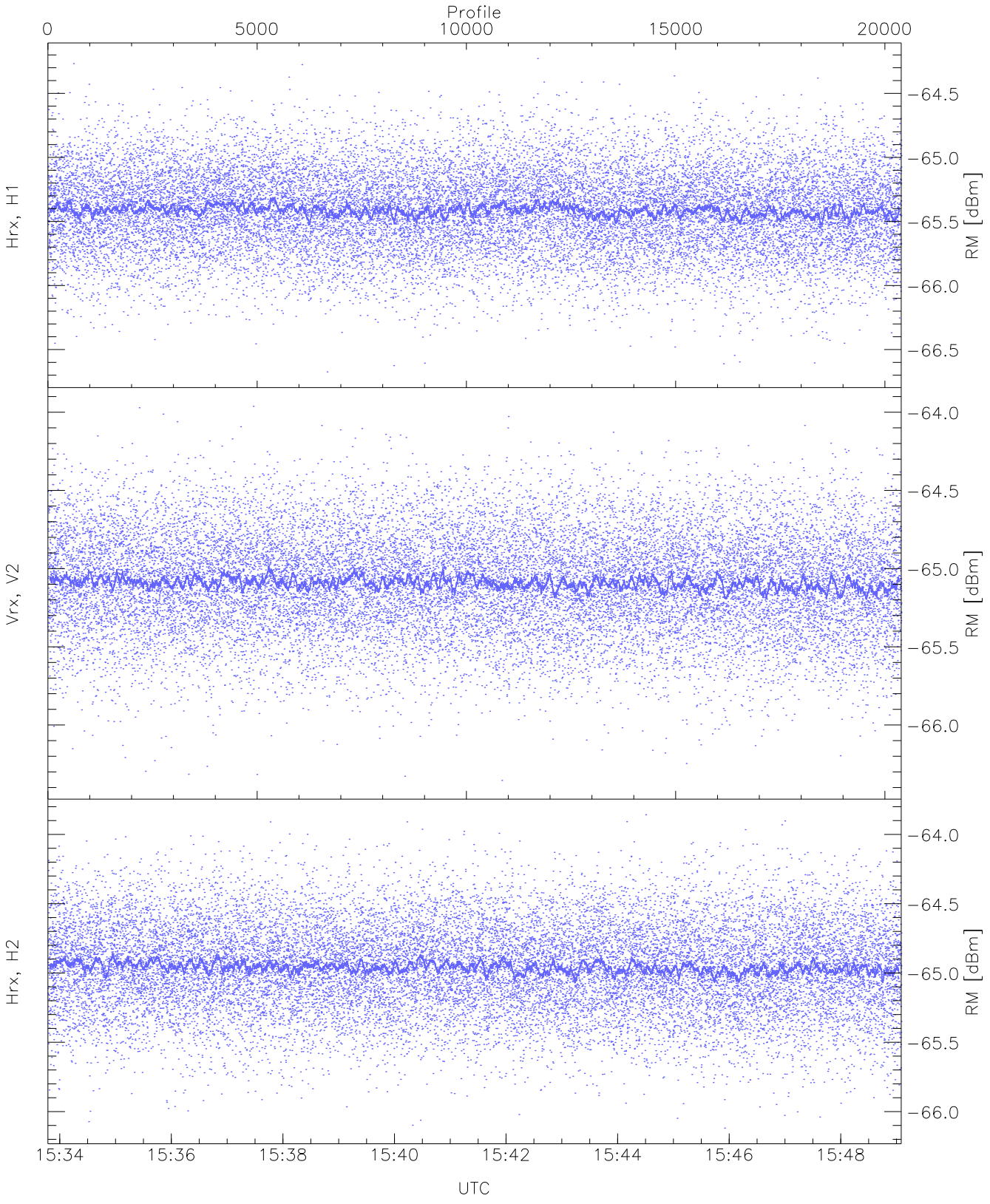
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.14	-63.63	-64.95	-64.95	-76.43
Vrx, V2(WL [dBm])	-66.39	-63.82	-65.01	-65.02	-76.51
Hrx, H2(WL [dBm])	-66.30	-63.79	-64.95	-64.95	-76.46



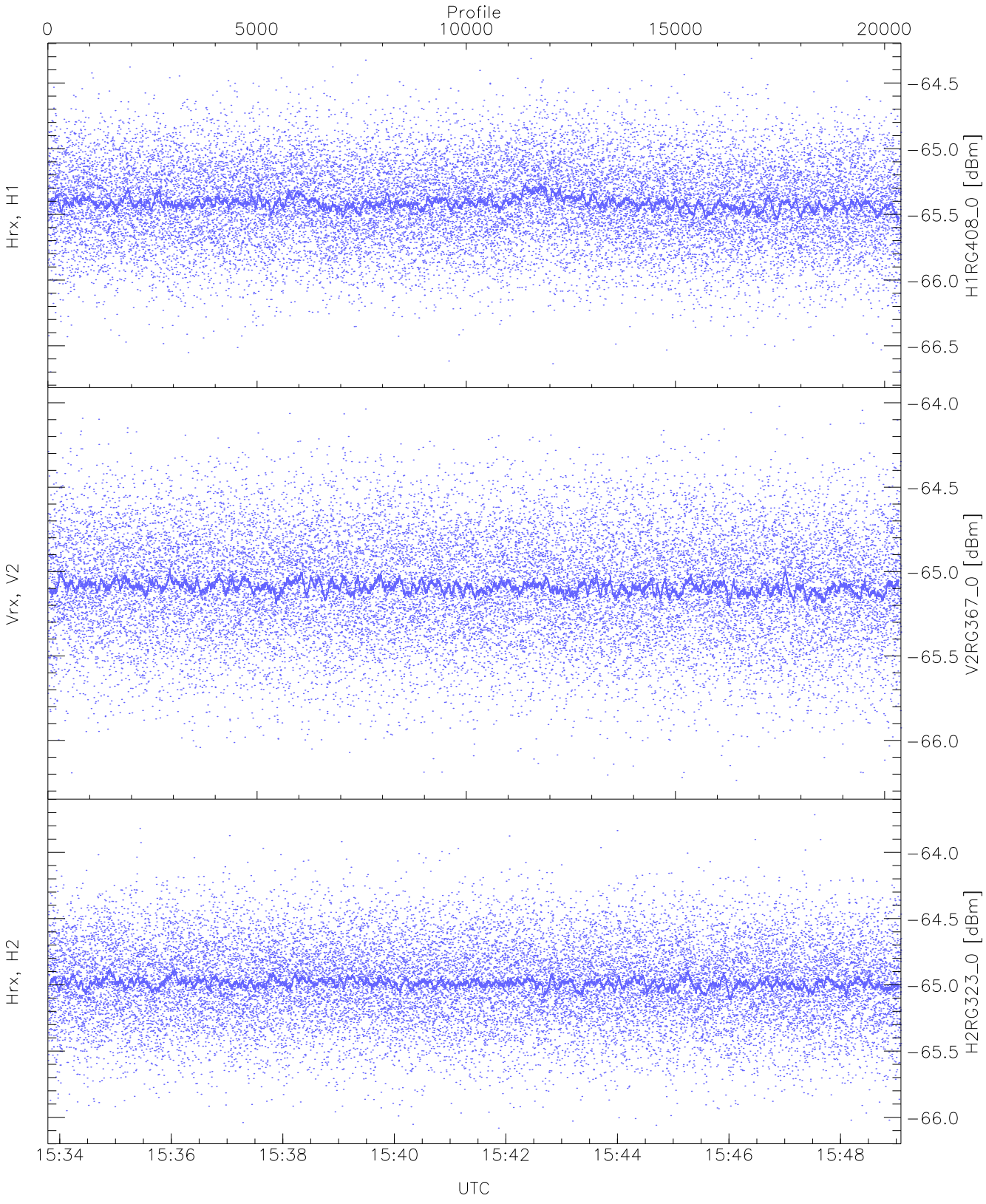
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.22	-63.51	-64.76	-64.77	-76.25
Vrx, V2(HL [dBm])	-66.19	-63.56	-64.85	-64.86	-76.35
Hrx, H2(HL [dBm])	-66.14	-63.55	-64.77	-64.77	-76.27



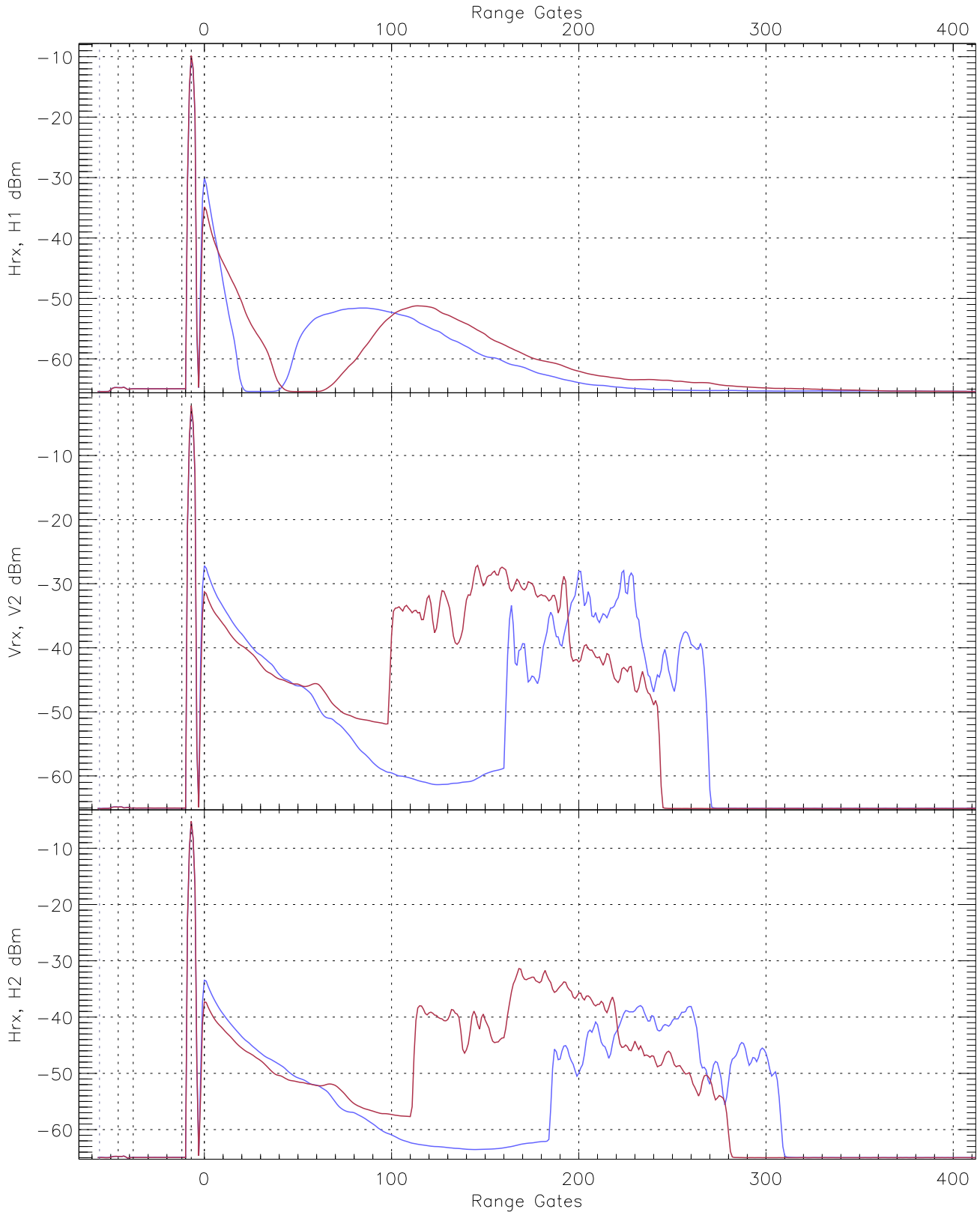
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.67	-64.23	-65.41	-65.41	-76.91
Vrx, V2(RM [dBm])	-66.35	-63.96	-65.08	-65.09	-76.61
Hrx, H2(RM [dBm])	-66.12	-63.86	-64.95	-64.96	-76.46

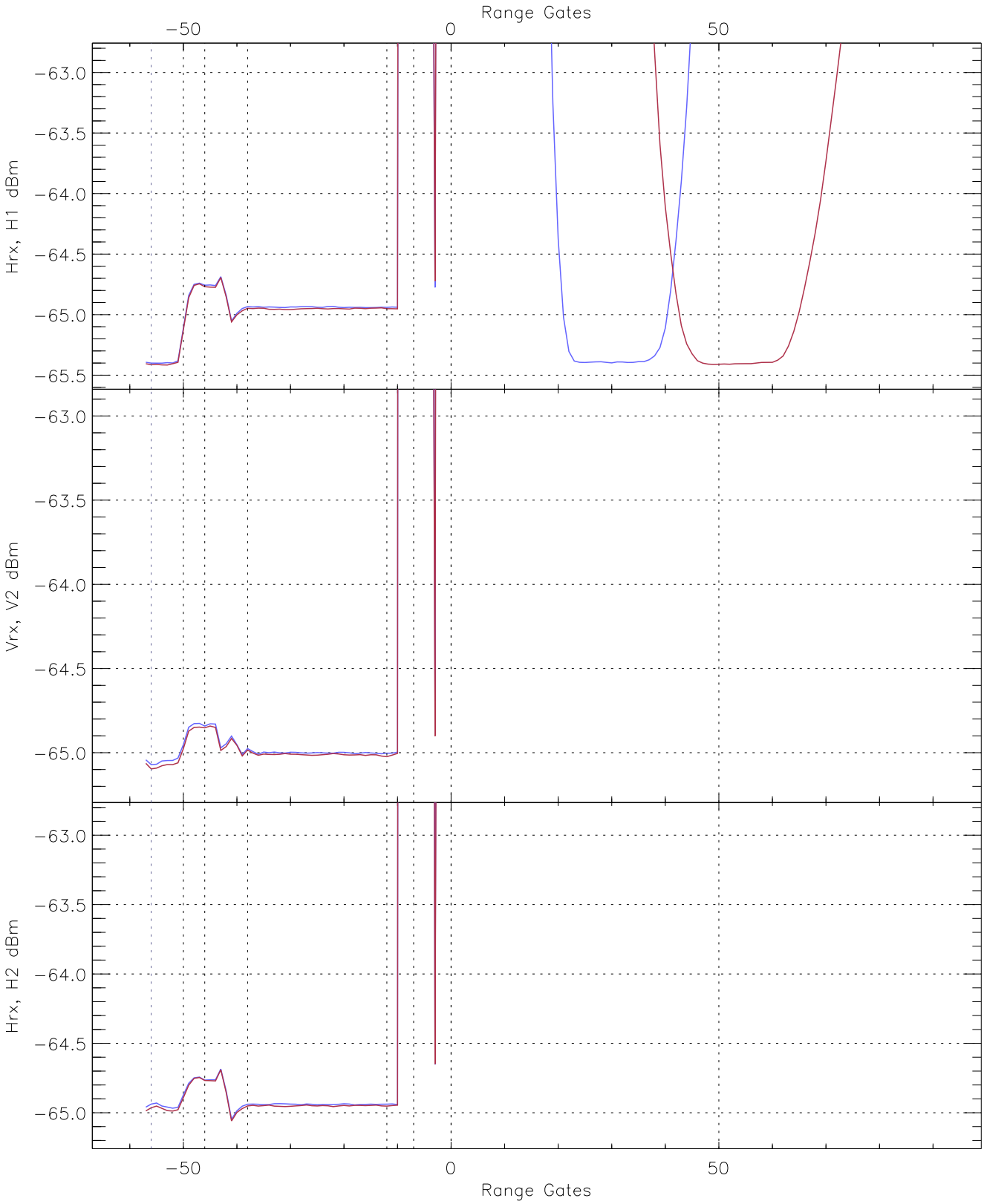


WCR3 CPP "Best" estimate Receivers Noise Power

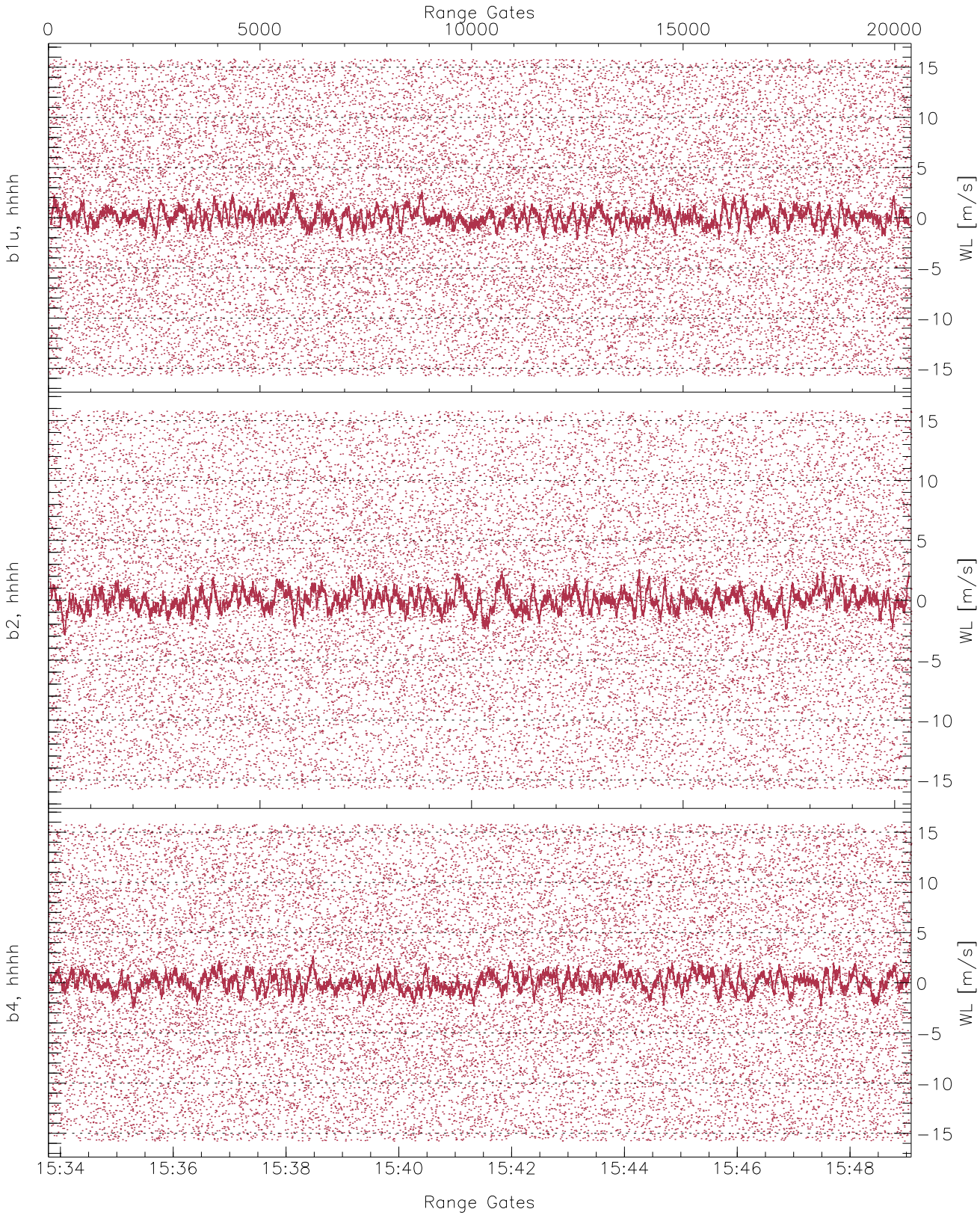
	Min	Max	Mean	Median	StDev
H1RG408_0 [dBm]	-66.70	-64.31	-65.41	-65.42	-76.86
V2RG367_0 [dBm]	-66.24	-64.02	-65.08	-65.09	-76.55
H2RG323_0 [dBm]	-66.08	-63.72	-64.98	-64.99	-76.50



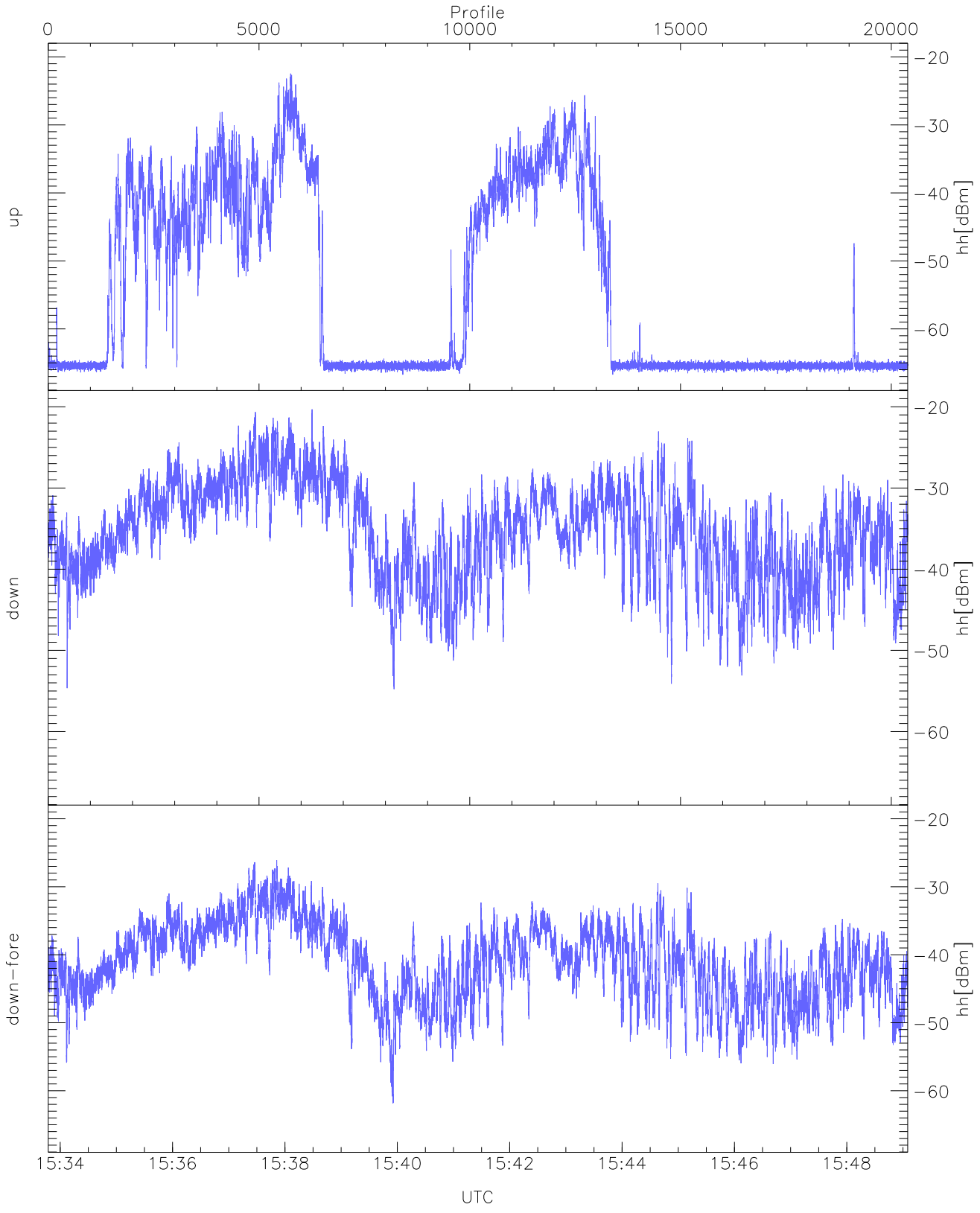
WCR3 CPP Averaged Received power for all recorded gates
blue: 153347-154126, 10197 profiles averaged
red: 154126-154905, 10196 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 153347-154126, 10197 profiles averaged
red: 154126-154905, 10196 profiles averaged

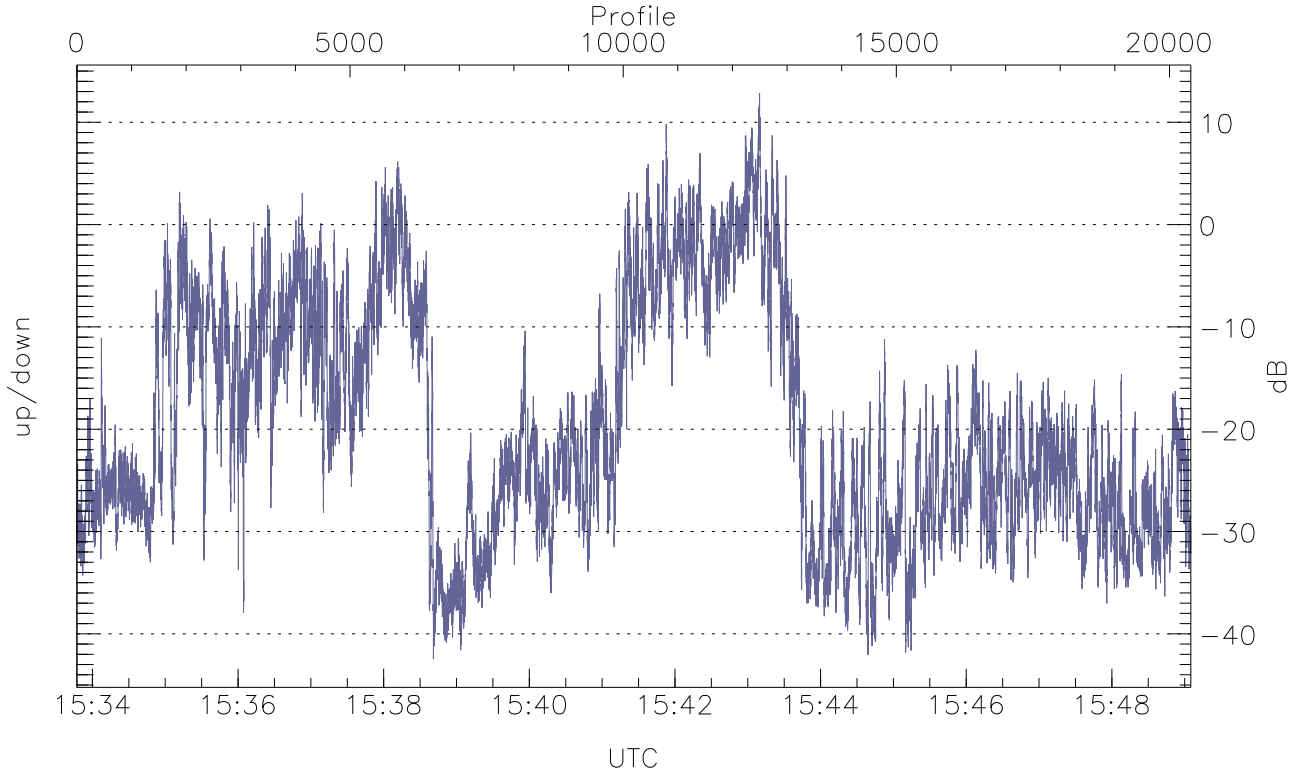


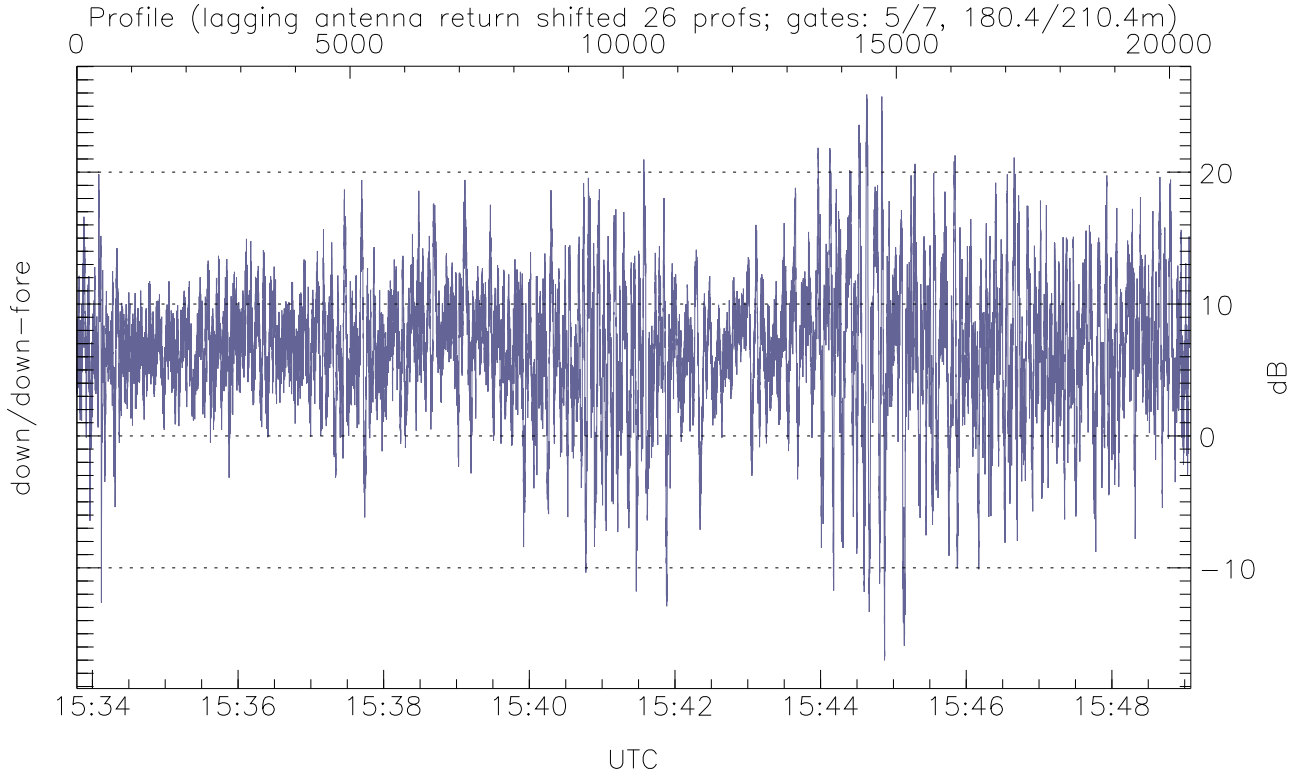
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

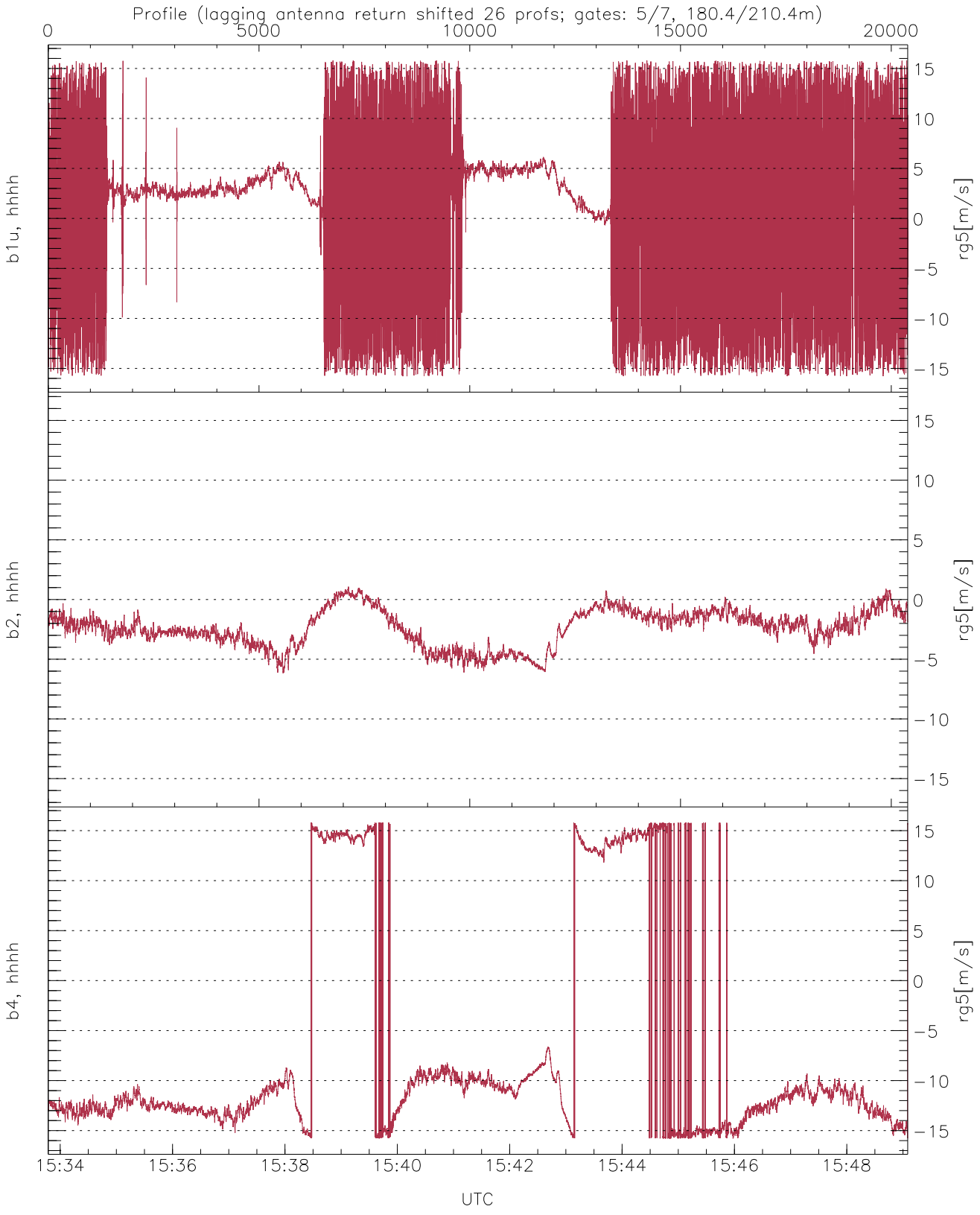
	Min	Max	Mean
up(hh[dBm])	-66.73	-22.45	-39.31
down(hh[dBm])	-54.77	-20.31	-32.23
down-fore(hh[dBm])	-61.83	-26.08	-38.08





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

	Min	Max	Mean
up/down(dB)	-42.46	12.83	-19.19
down/down-fore(dB)	-17.01	25.89	6.59



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.38	6.81
b2, hhhh(rg5[m/s])	-6.17	1.08	-2.38	1.53
b4, hhhh(rg5[m/s])	-15.79	15.79	-7.06	10.67