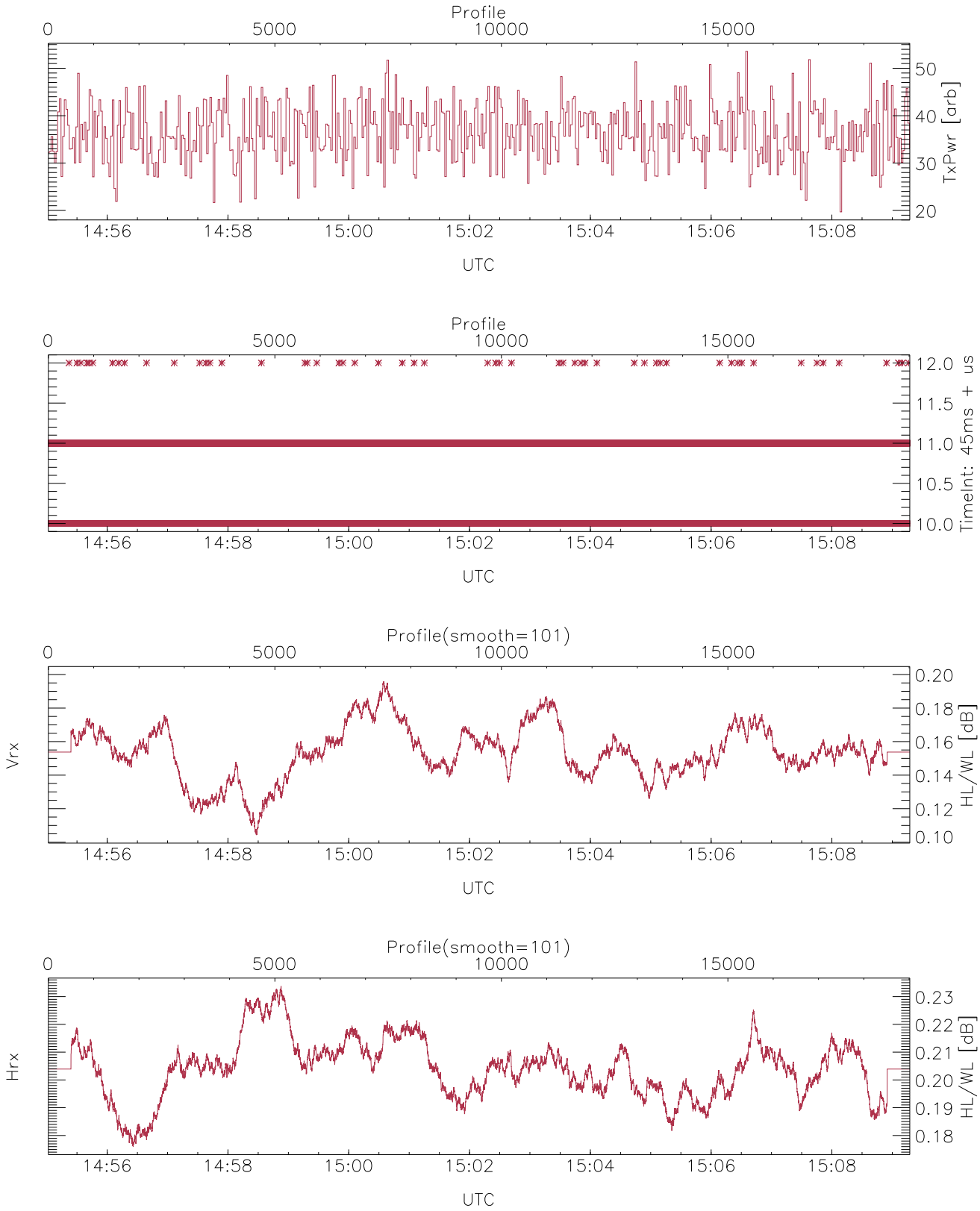
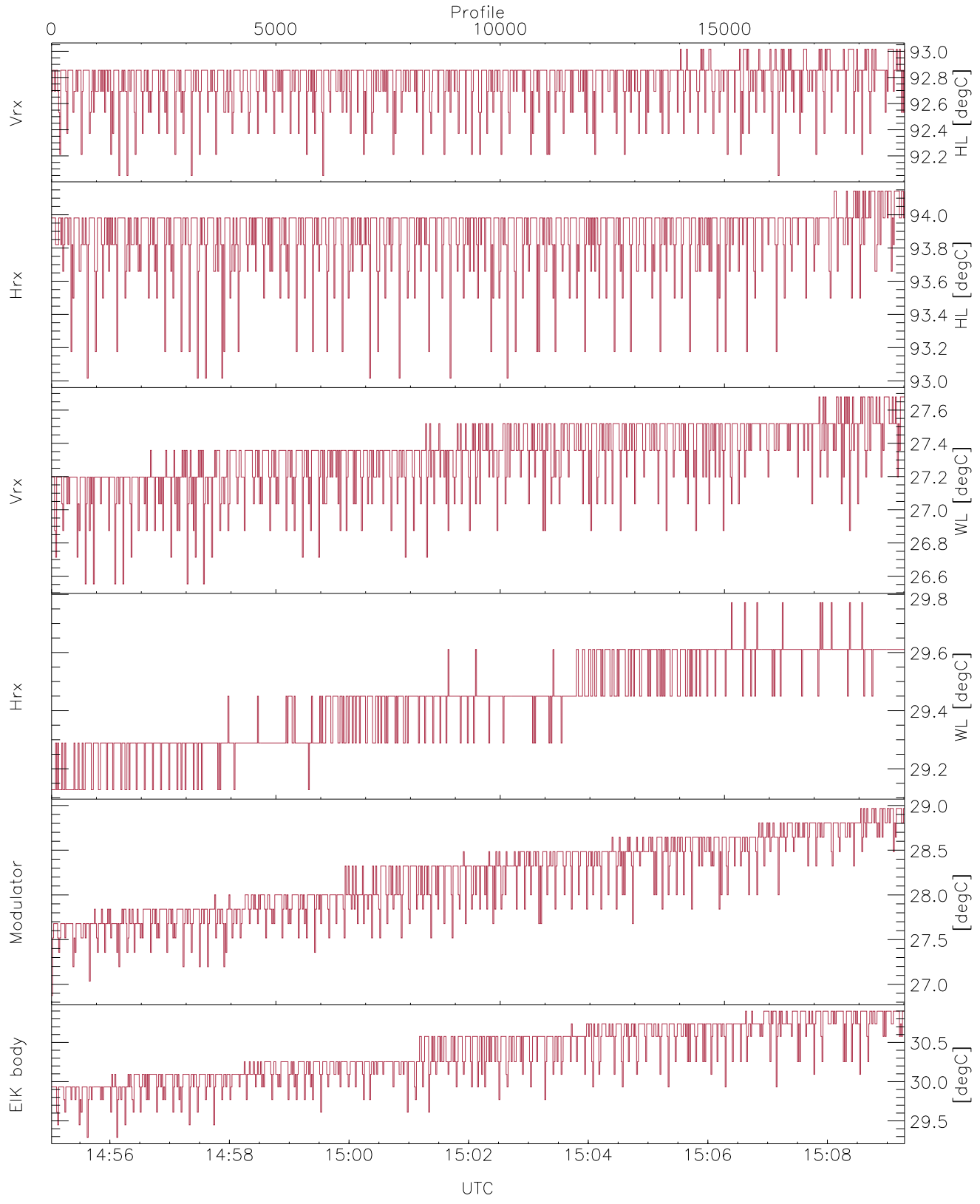


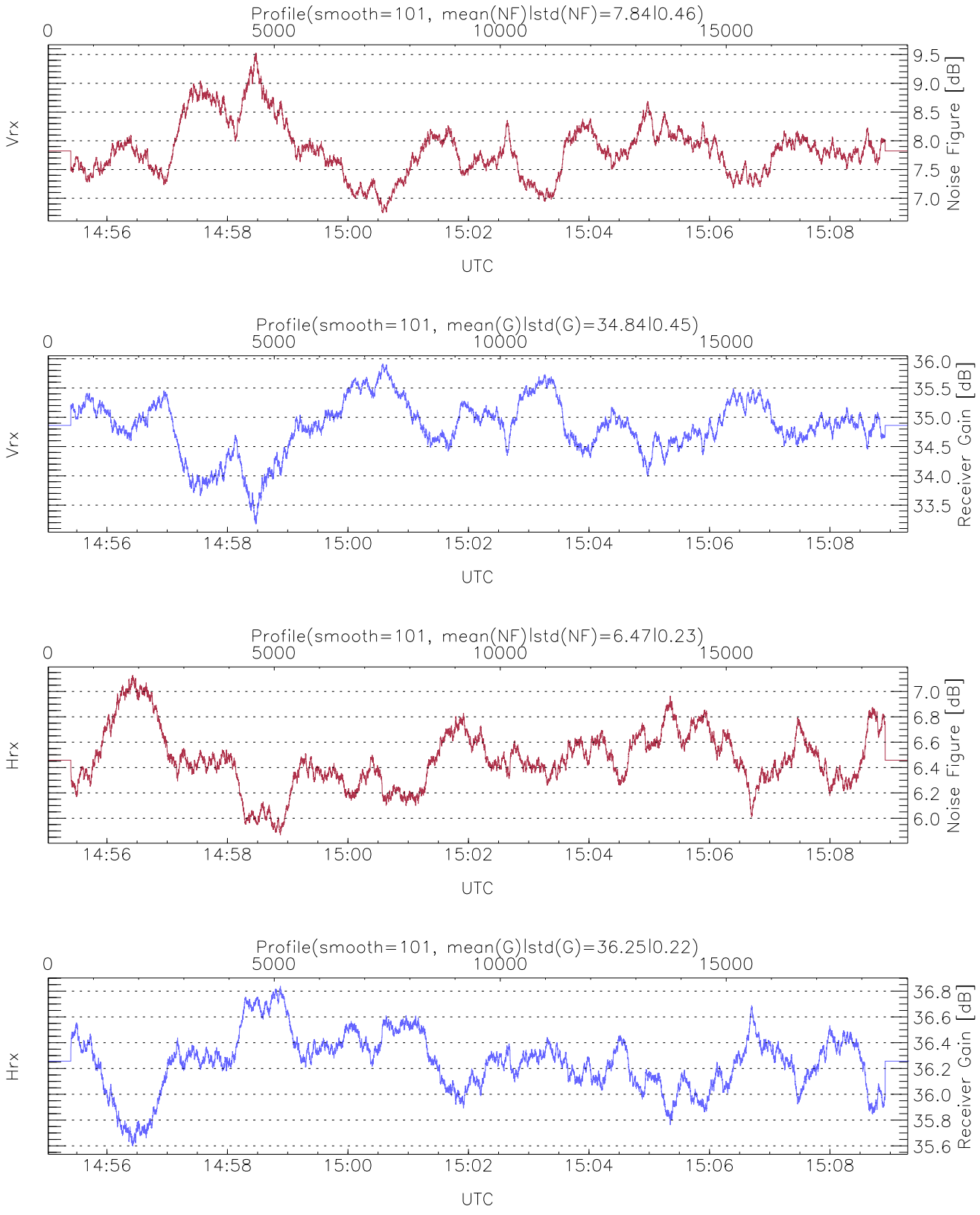
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:55:02-15:09:17, TimeCor: 0.00s, Dur: 855.89s
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): 19016/19016, 0-19015/14:55:02-15:09:17
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



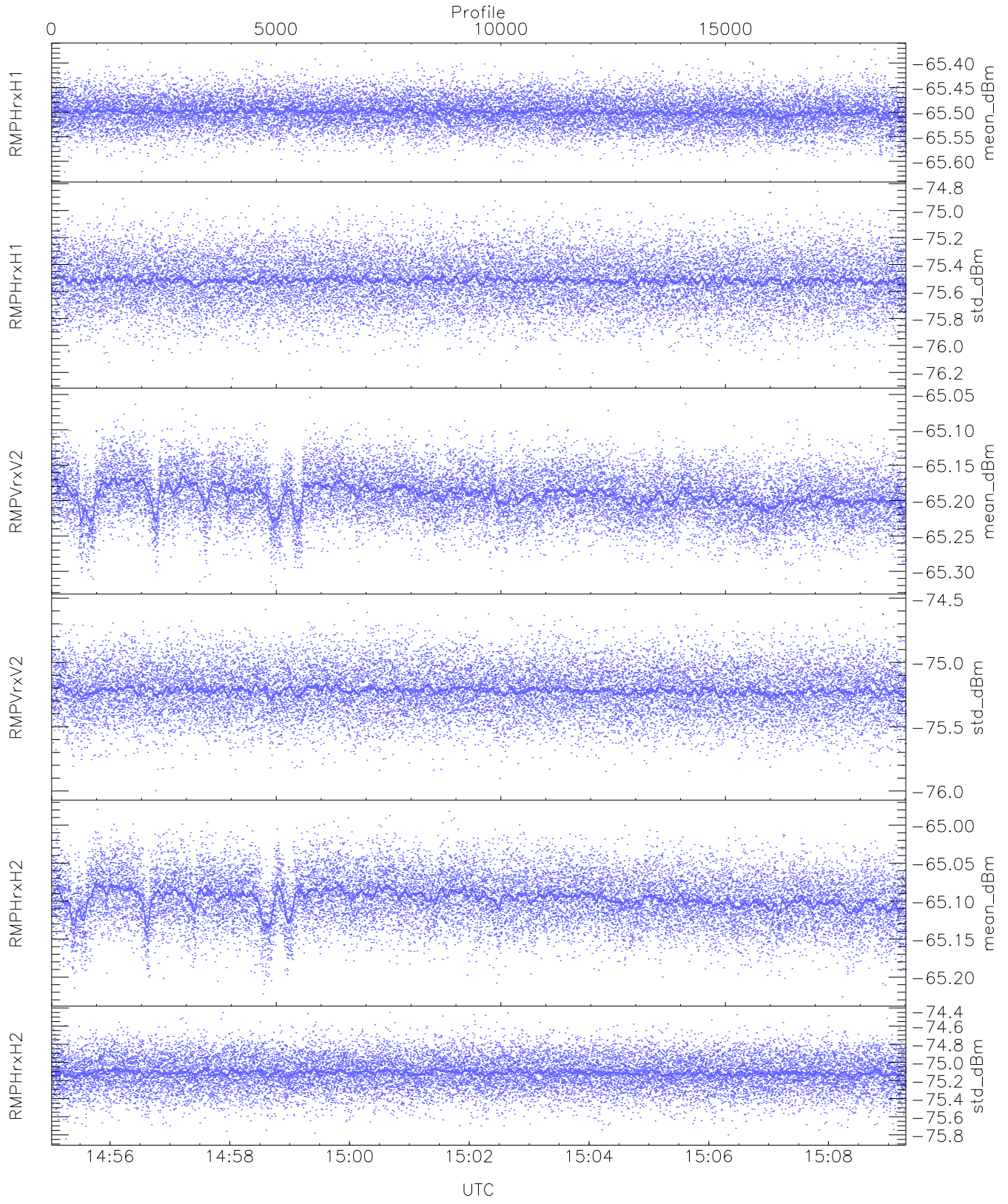
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,29,26,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,27,29,28,30
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



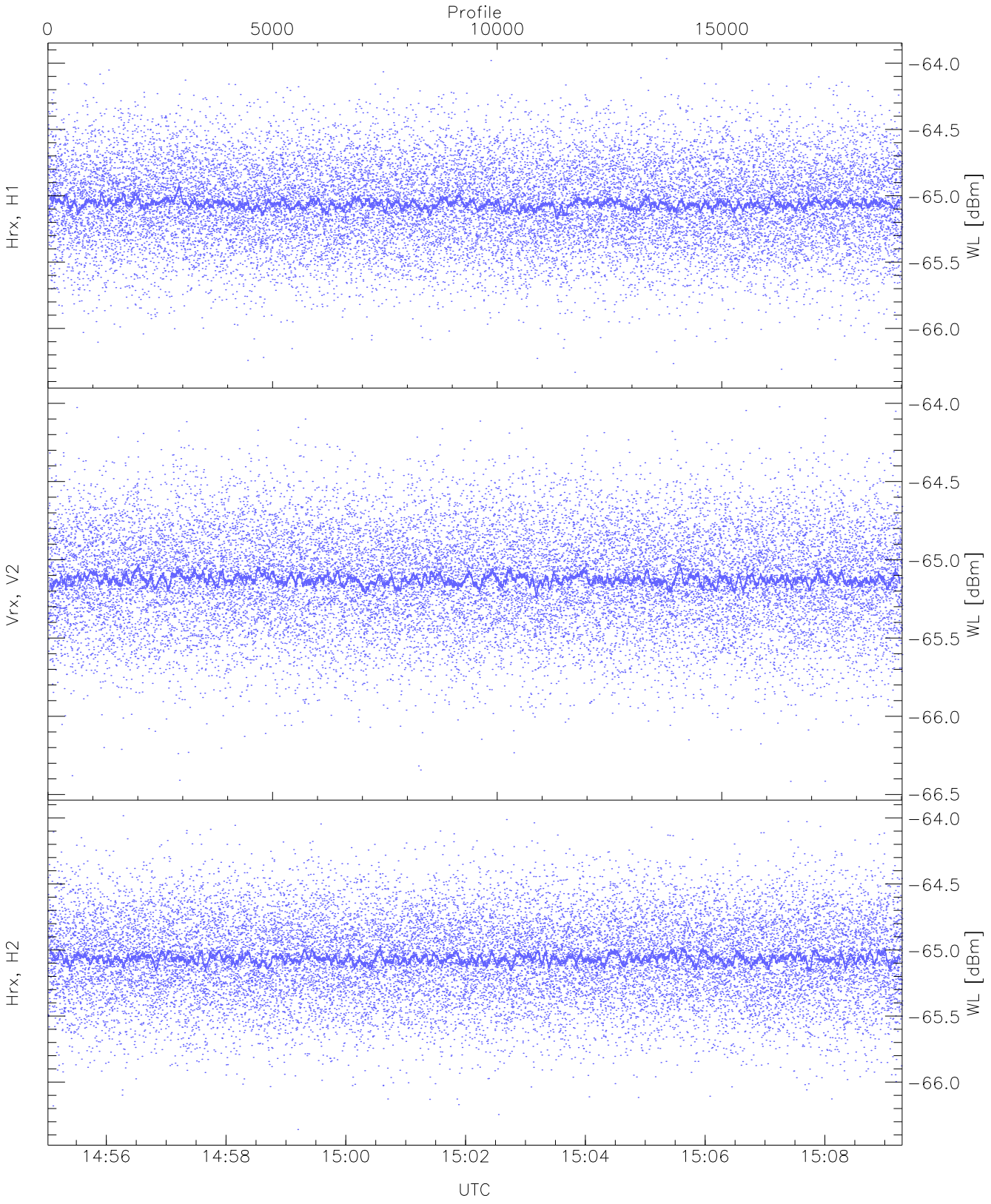
WCR3 CPP Receivers Gain and Noise Figure

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



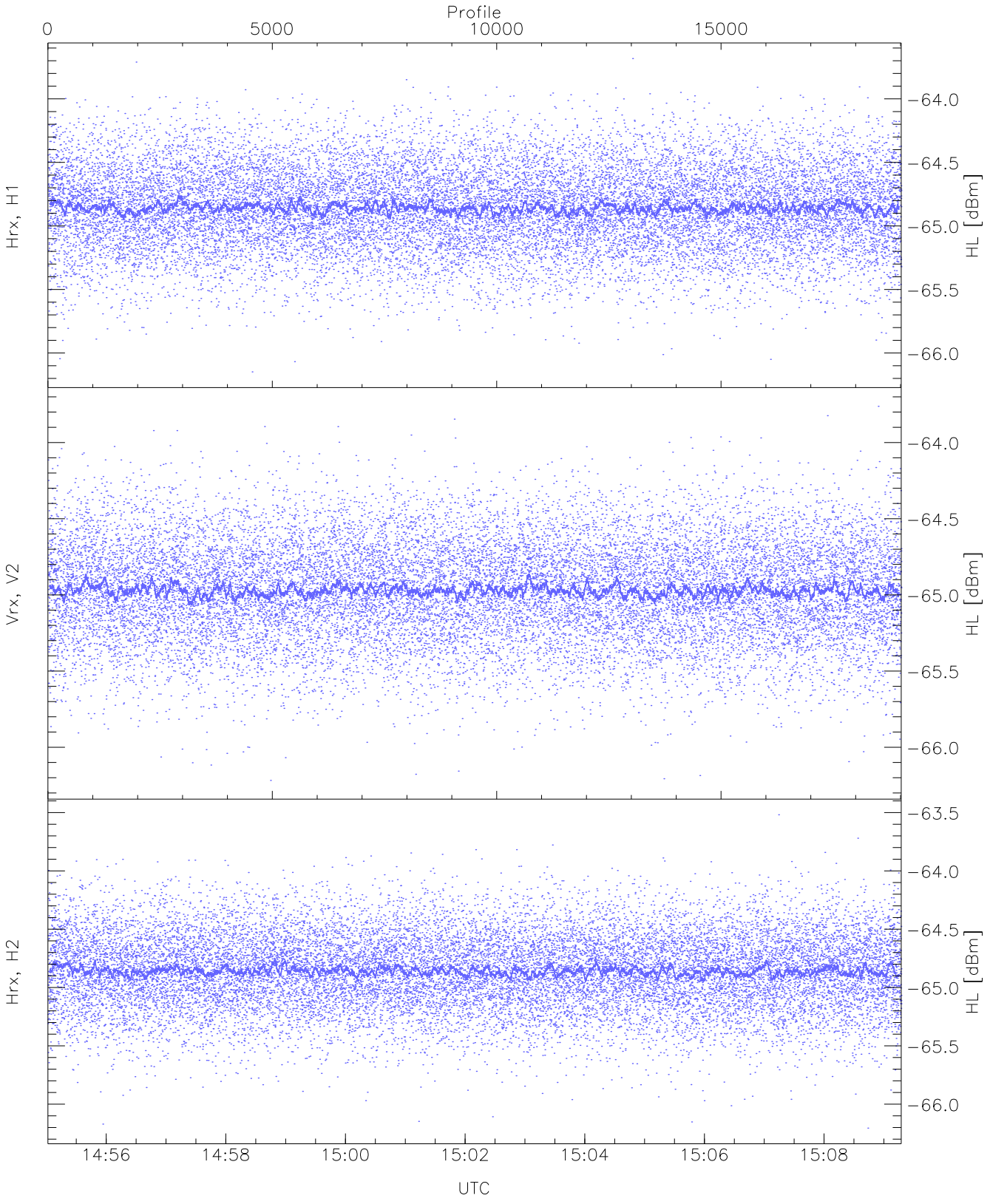
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.63	-65.37	-65.50	-65.50	-87.02
RMPHrxH1(std_dBm)	-76.25	-74.86	-75.52	-75.52	-89.36
RMPVrxV2(mean_dBm)	-65.32	-65.05	-65.19	-65.19	-86.37
RMPVrxV2(std_dBm)	-76.00	-74.54	-75.22	-75.22	-88.96
RMPHrxH2(mean_dBm)	-65.23	-64.98	-65.10	-65.10	-86.42
RMPHrxH2(std_dBm)	-75.84	-74.45	-75.11	-75.12	-88.89



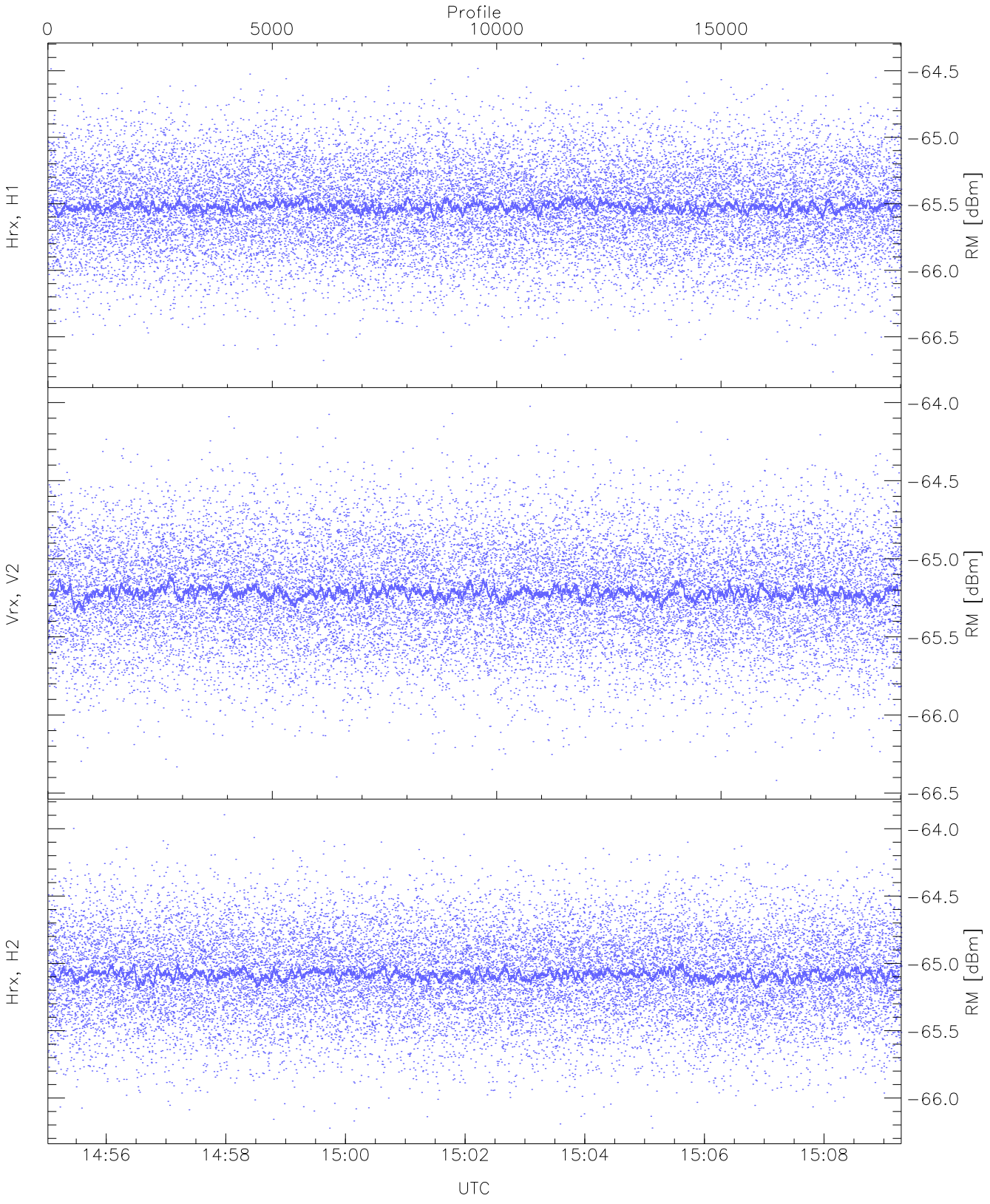
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.33	-63.97	-65.05	-65.06	-76.55
Vrx, V2(WL [dBm])	-66.42	-64.02	-65.12	-65.13	-76.66
Hrx, H2(WL [dBm])	-66.36	-63.98	-65.06	-65.06	-76.55



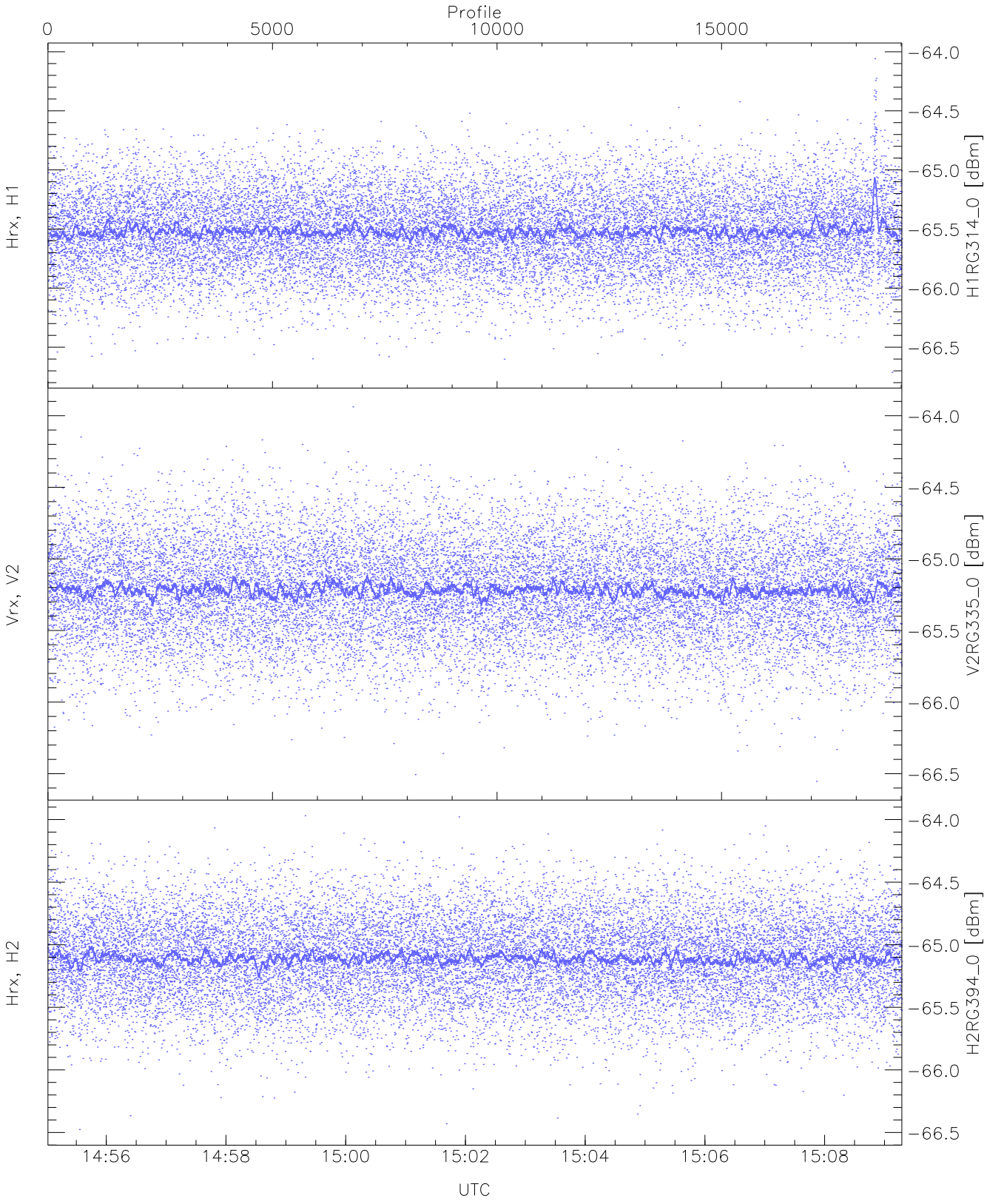
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.15	-63.68	-64.85	-64.86	-76.34
Vrx, V2(HL [dBm])	-66.22	-63.76	-64.96	-64.97	-76.46
Hrx, H2(HL [dBm])	-66.21	-63.52	-64.85	-64.86	-76.33



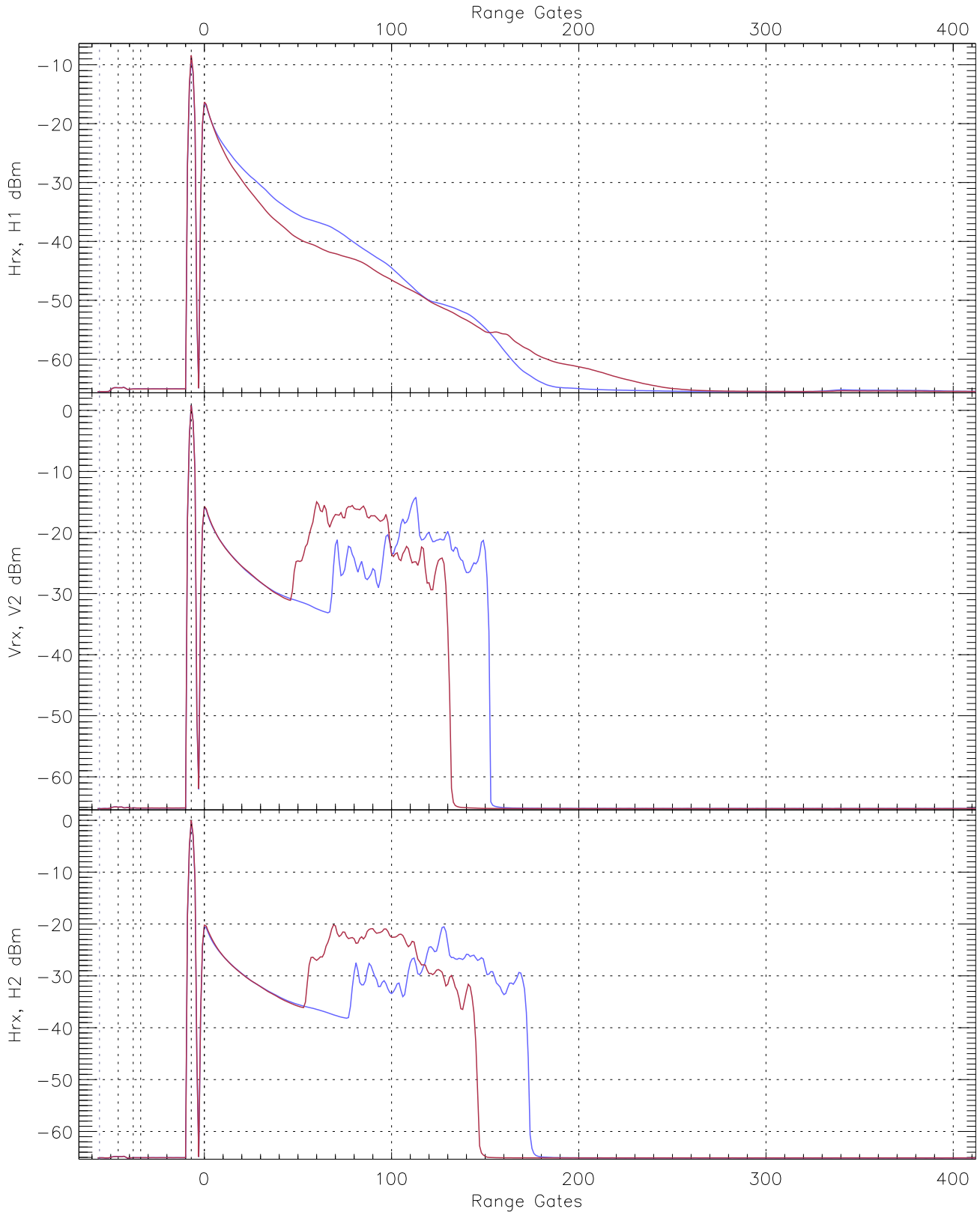
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.76	-64.41	-65.51	-65.52	-77.01
Vrx, V2(RM [dBm])	-66.42	-64.02	-65.21	-65.22	-76.73
Hrx, H2(RM [dBm])	-66.22	-63.90	-65.08	-65.09	-76.57

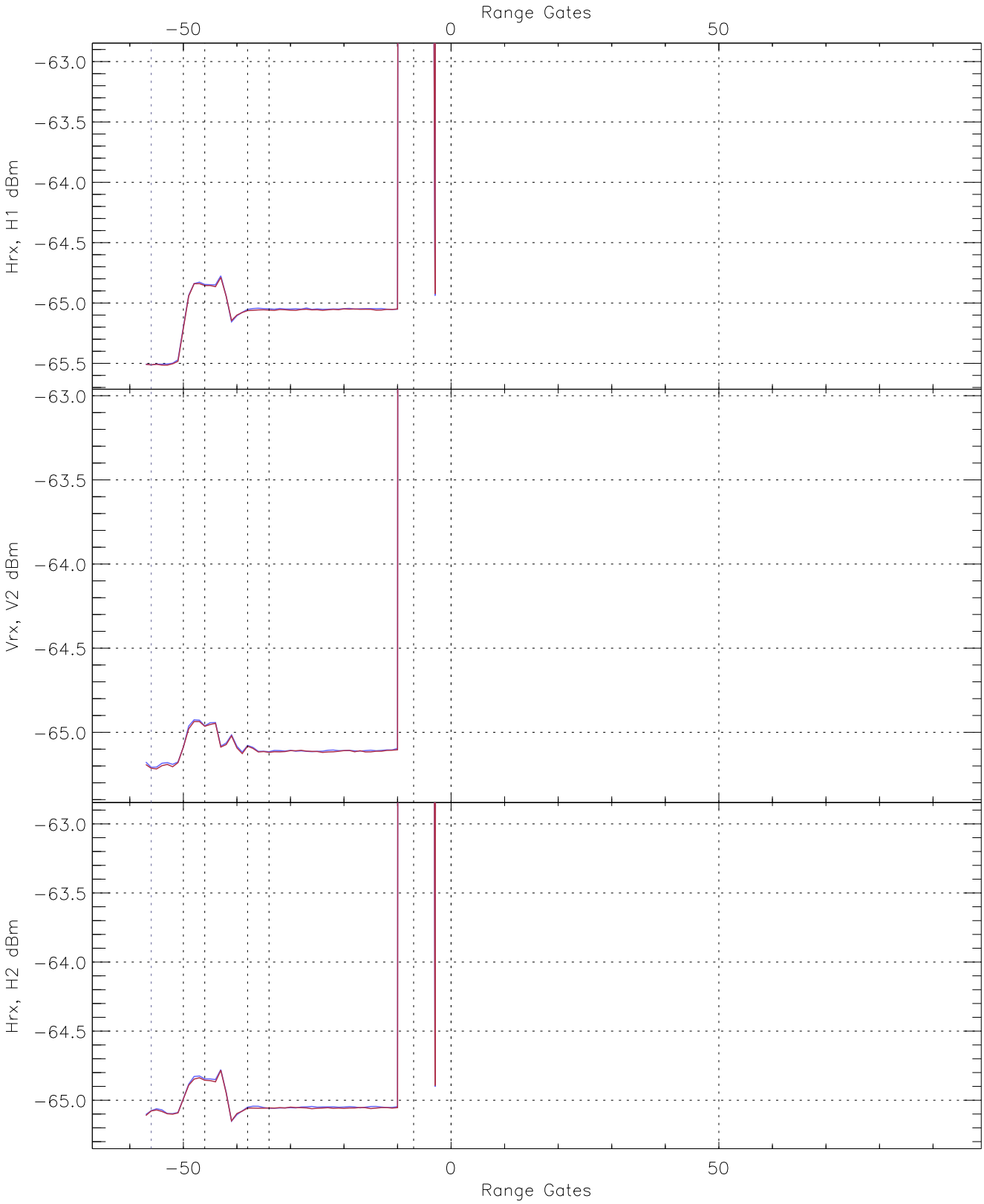


WCR3 CPP "Best" estimate Receivers Noise Power

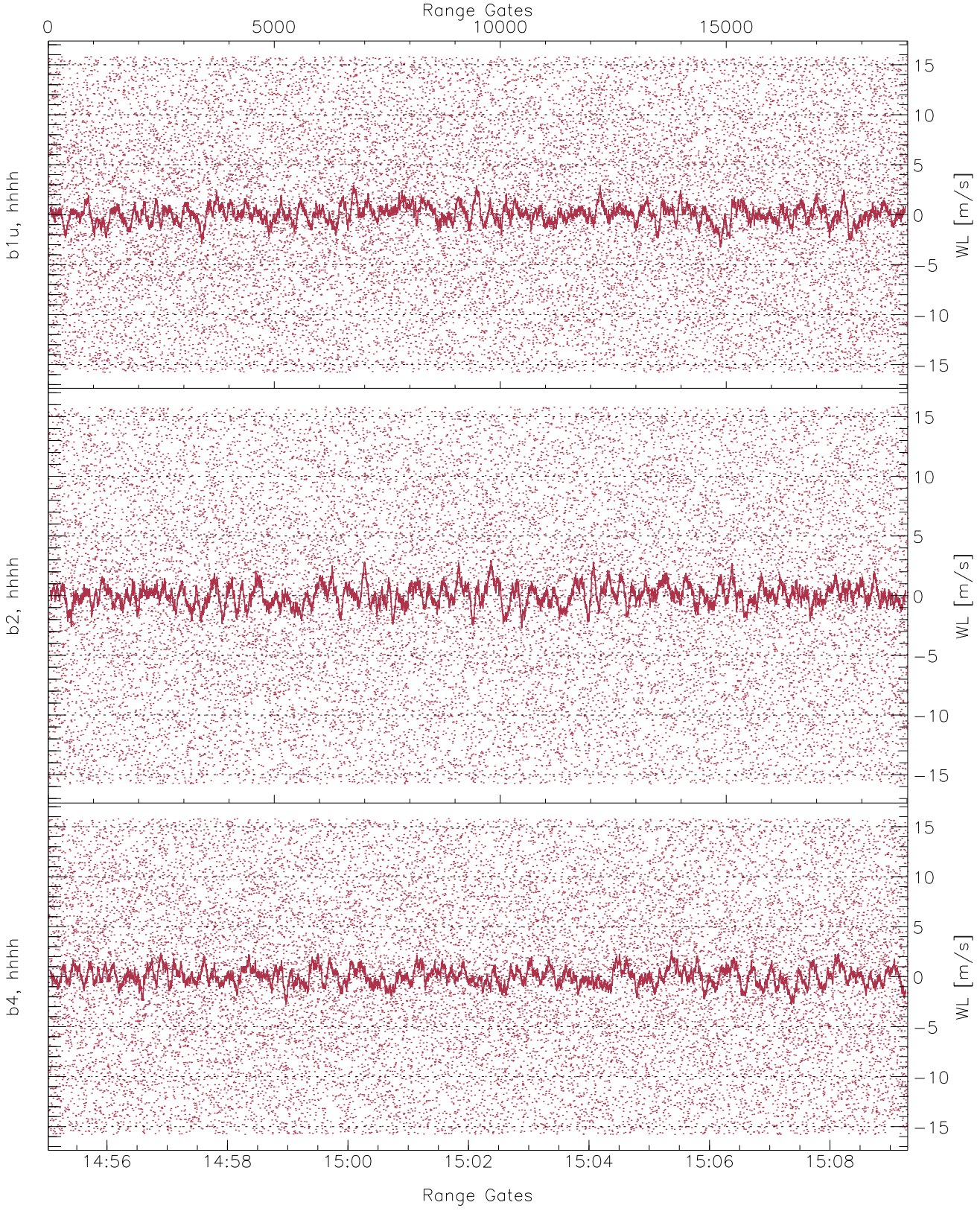
	Min	Max	Mean	Median	StDev
H1RG314_0 [dBm]	-66.71	-64.06	-65.51	-65.52	-76.99
V2RG335_0 [dBm]	-66.55	-63.94	-65.21	-65.22	-76.70
H2RG394_0 [dBm]	-66.48	-63.97	-65.10	-65.11	-76.62



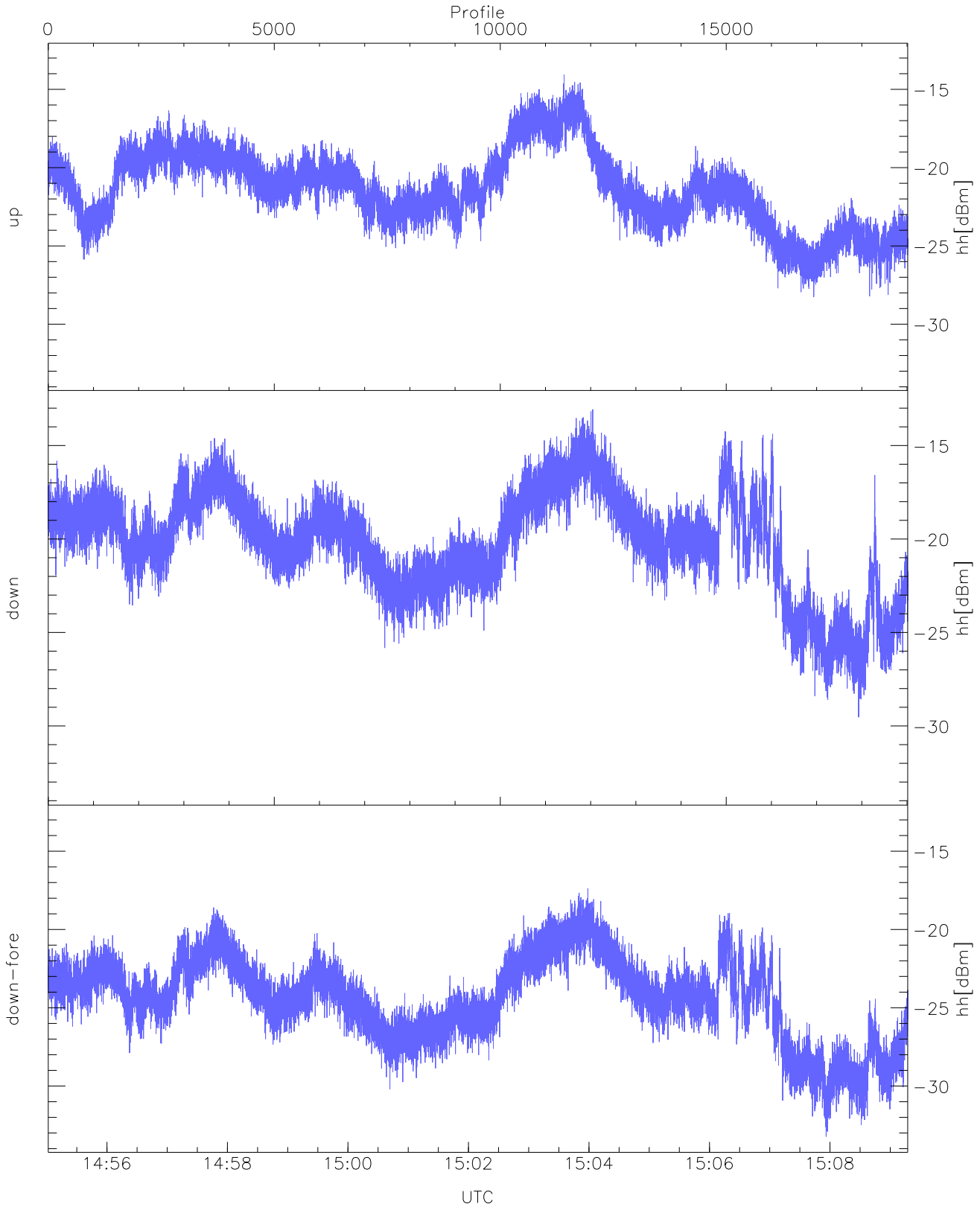
WCR3 CPP Averaged Received power for all recorded gates
blue: 145502-150209, 9509 profiles averaged
red: 150209-150917, 9508 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 145502-150209, 9509 profiles averaged
red: 150209-150917, 9508 profiles averaged

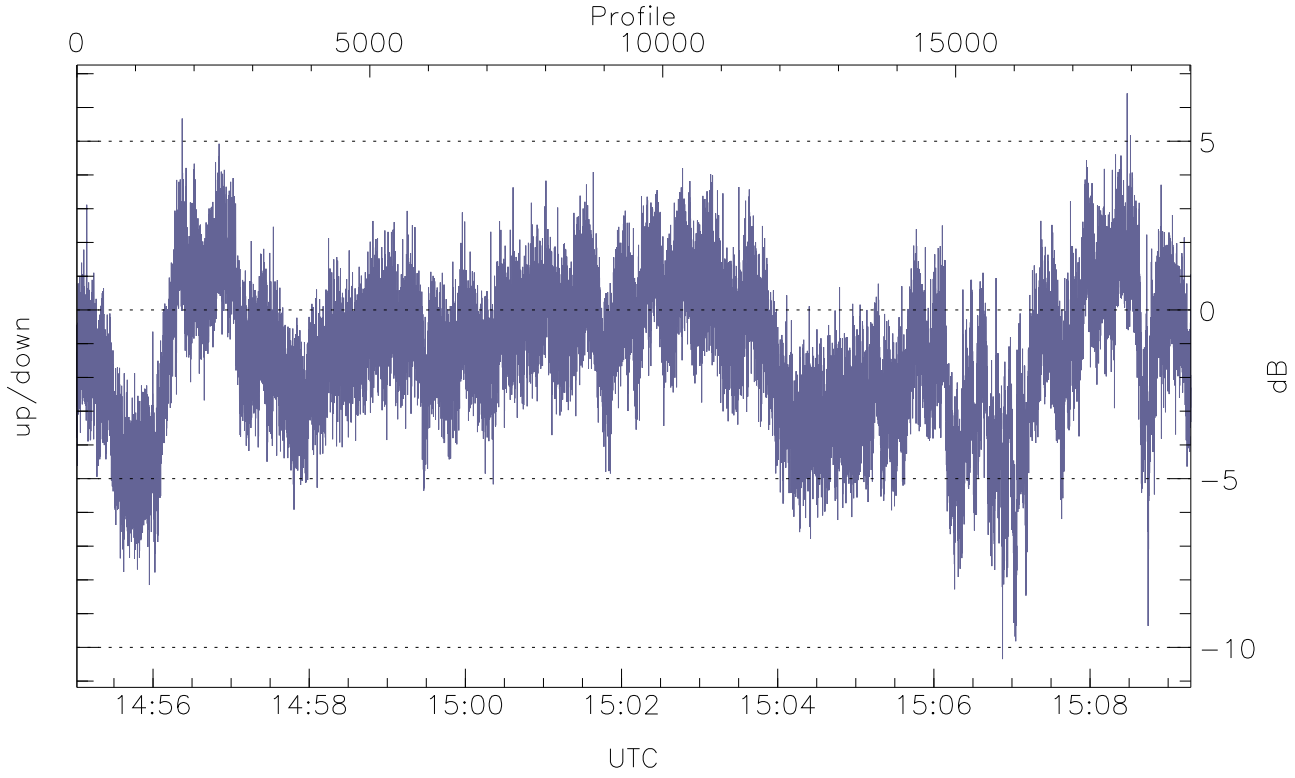


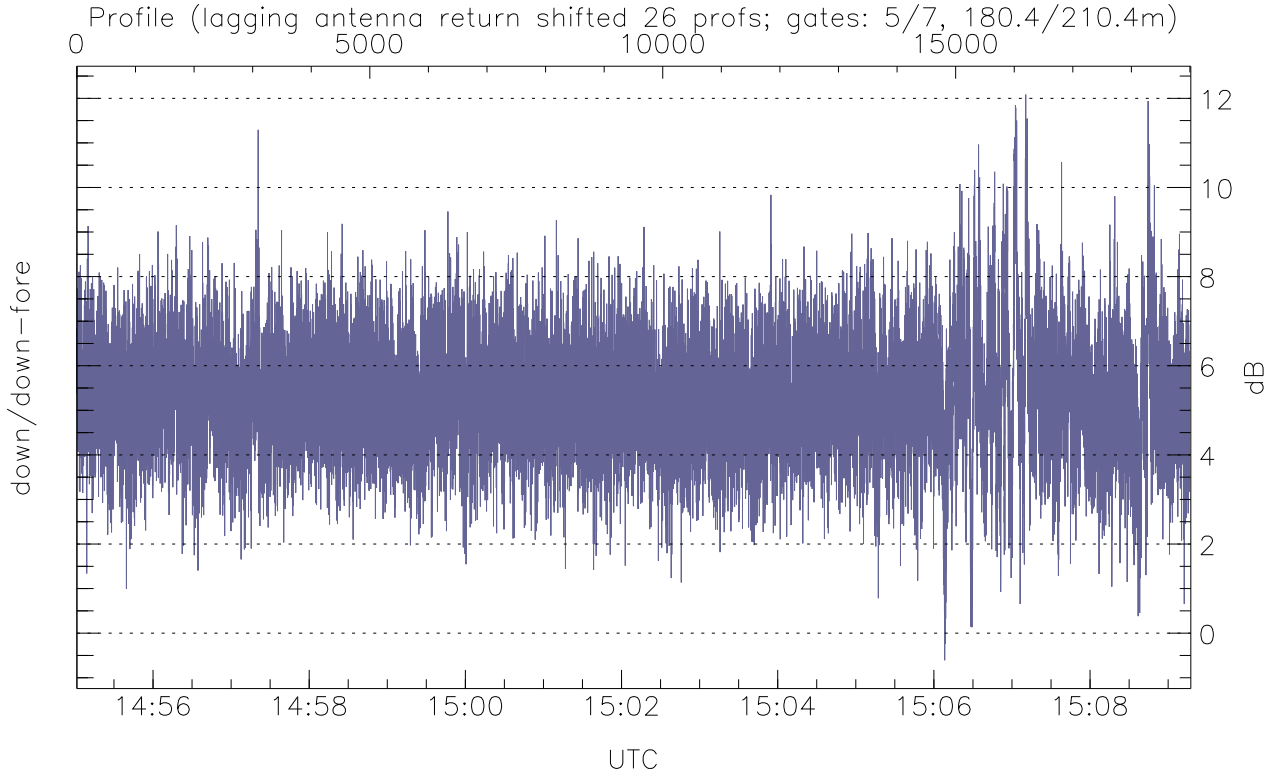
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

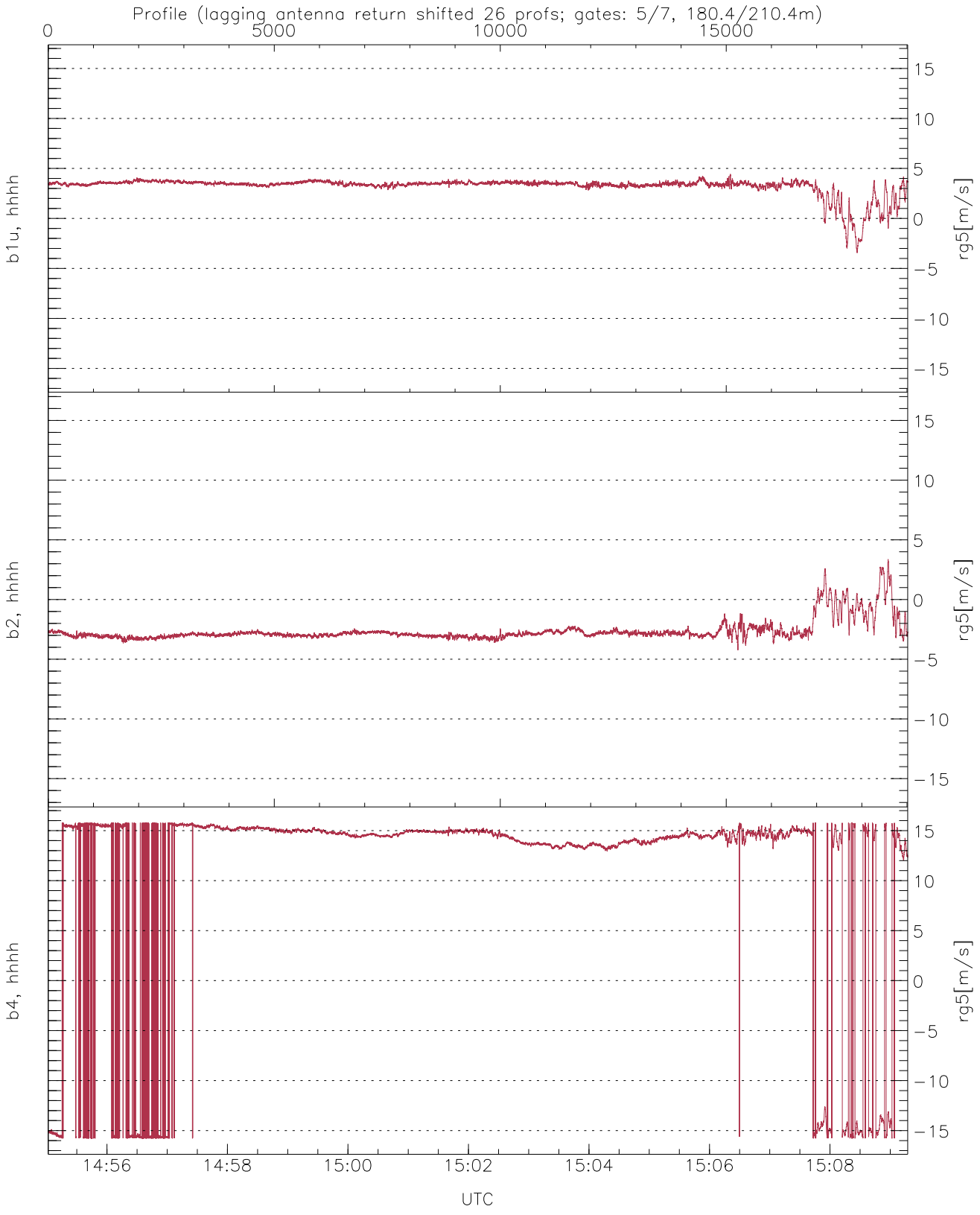
	Min	Max	Mean
up(hh[dBm])	-28.26	-14.05	-20.70
down(hh[dBm])	-29.53	-13.06	-19.41
down-fore(hh[dBm])	-33.23	-17.37	-23.64





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

	Min	Max	Mean
up/down(dB)	-10.35	6.42	-1.22
down/down-fore(dB)	-0.61	12.09	5.33



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-3.45	4.44	3.21	0.96
b2, hhhh(rg5[m/s])	-4.24	3.37	-2.63	0.93
b4, hhhh(rg5[m/s])	-15.79	15.79	10.71	10.13