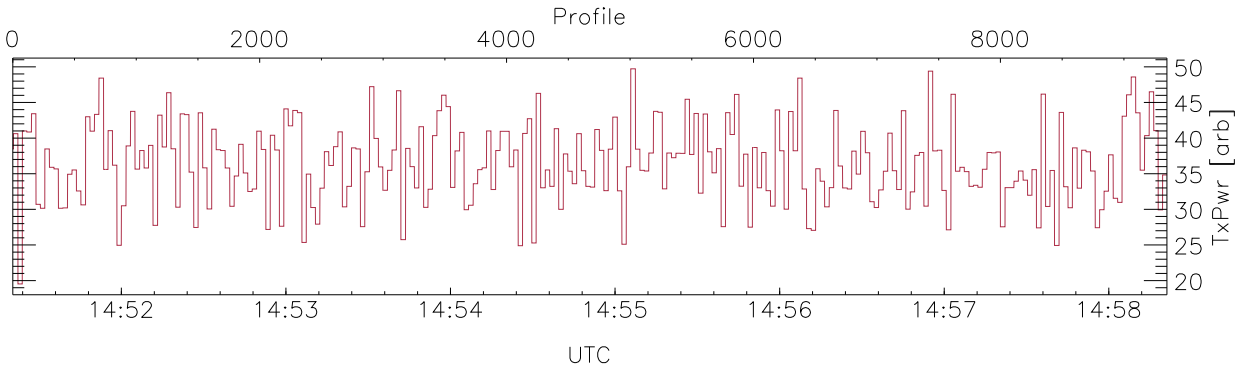
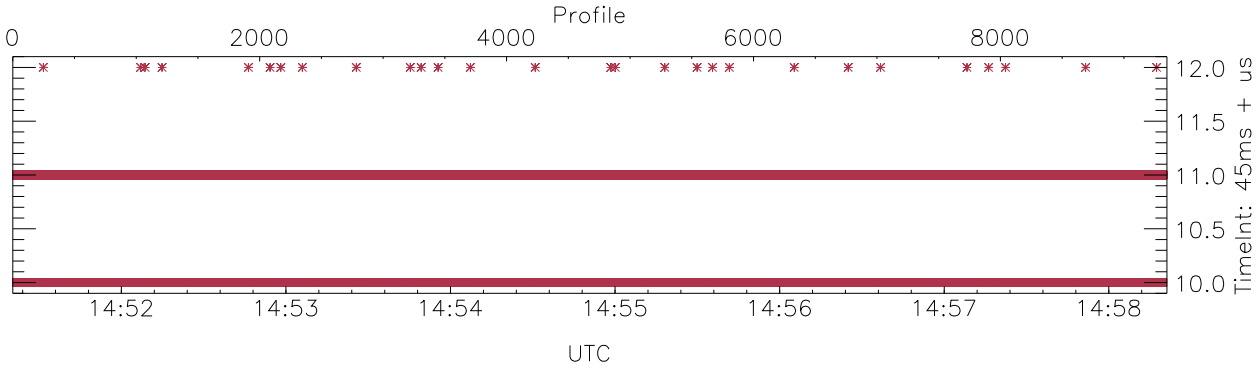
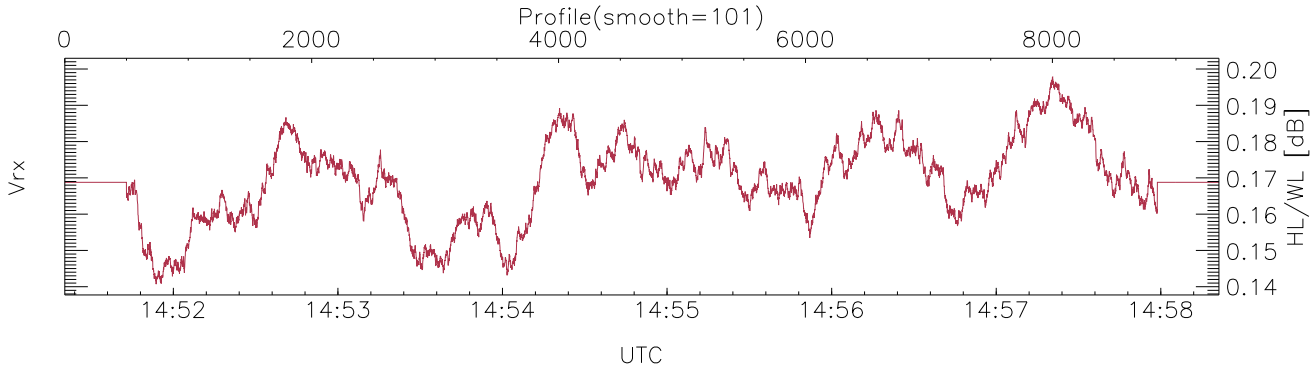
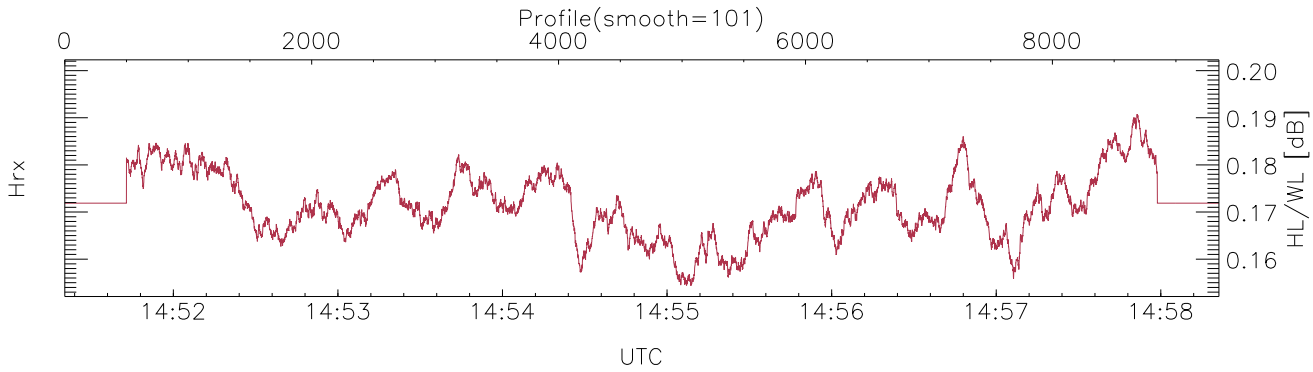


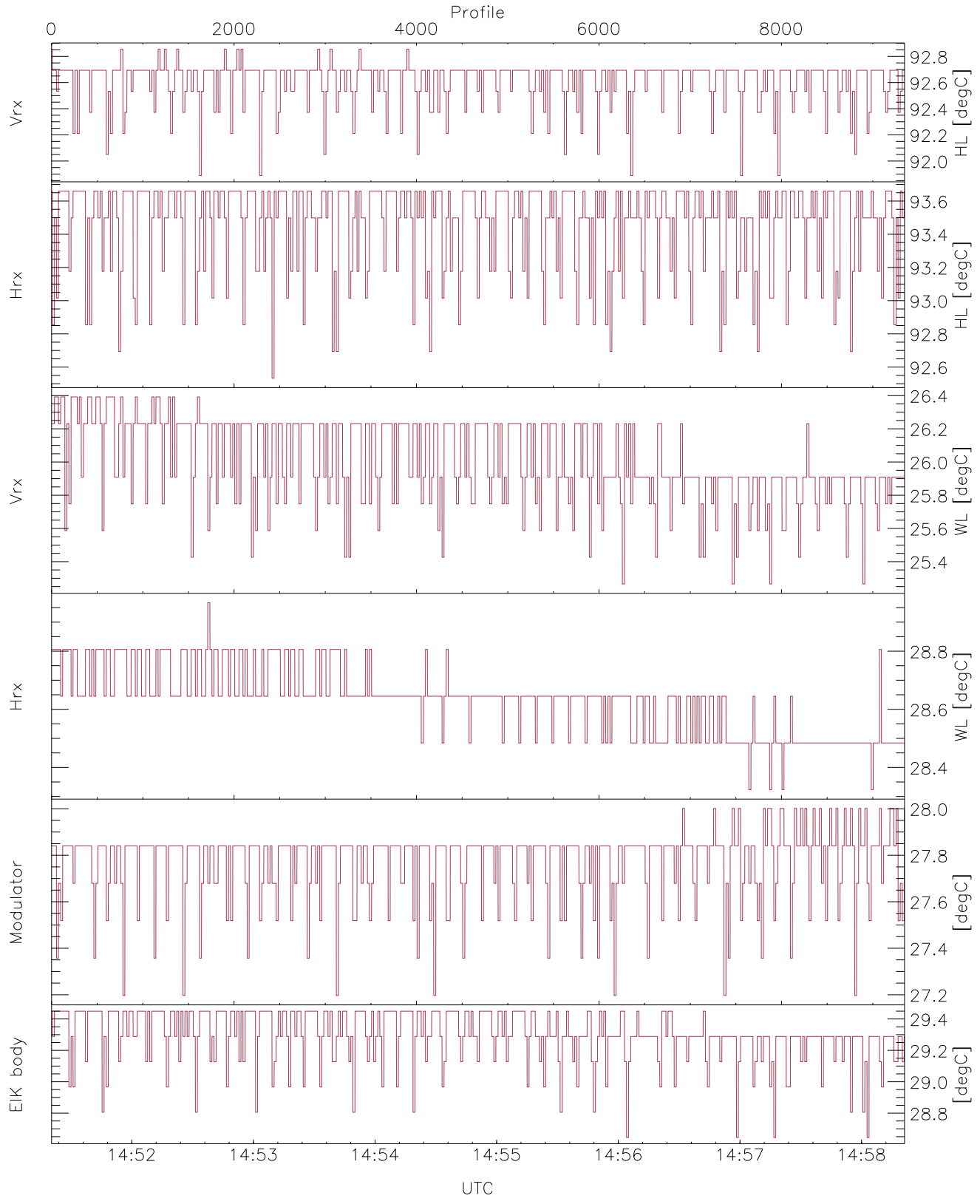






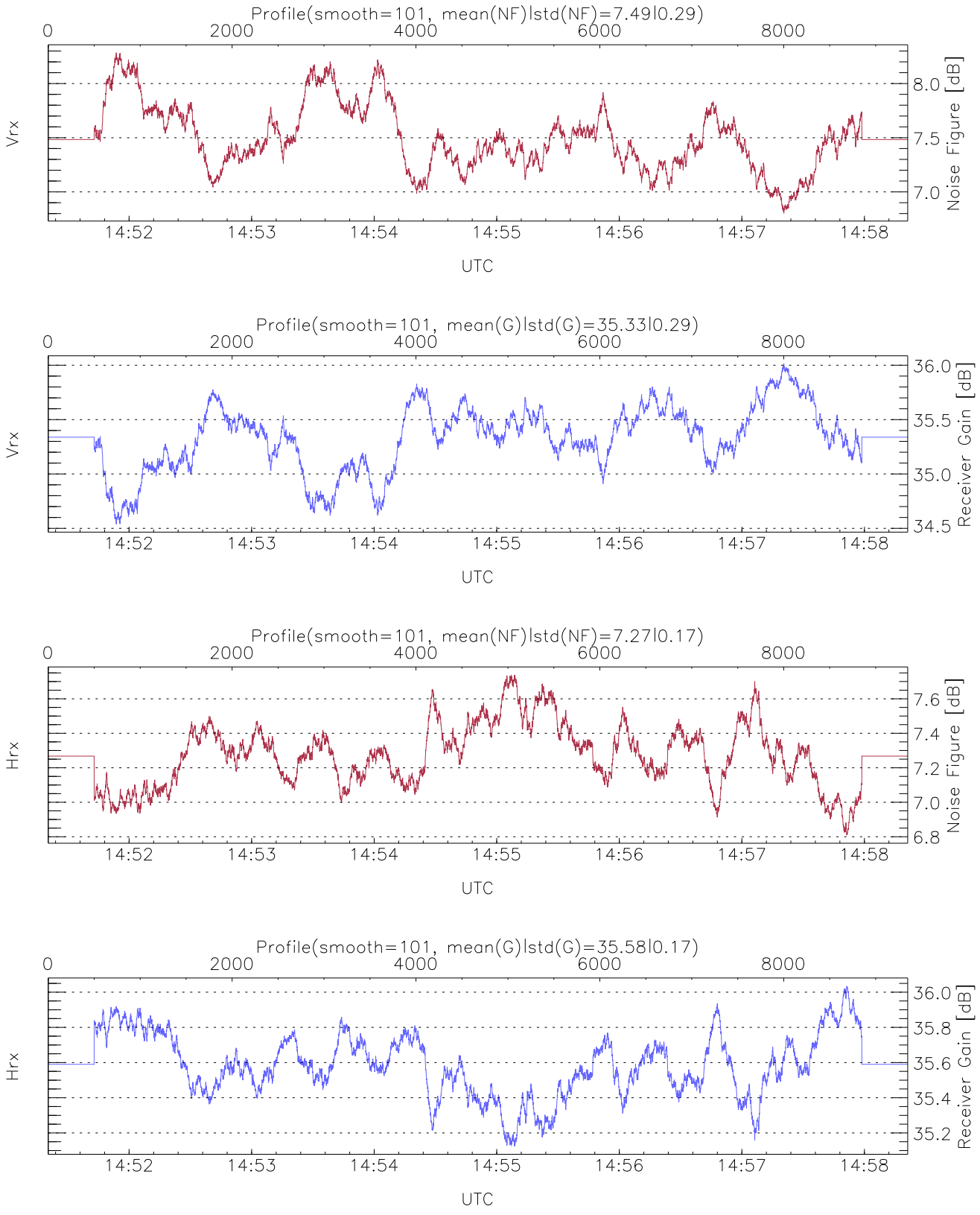
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:51:20-14:58:21, TimeCor: 0.00s, Dur: 420.81s
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): 9350/9350, 0-9349/14:51:20-14:58:21
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



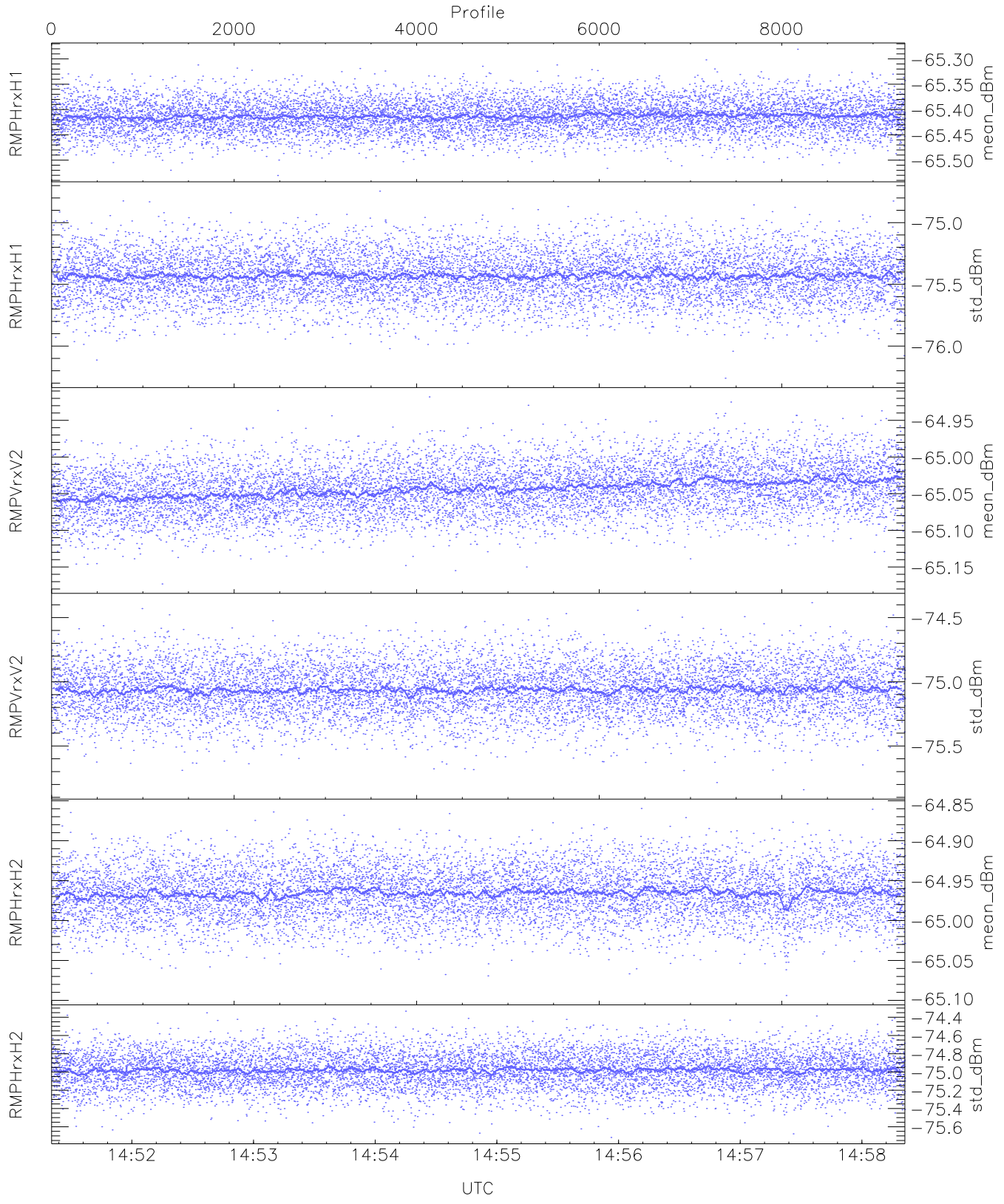
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,28,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,28,28,29
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



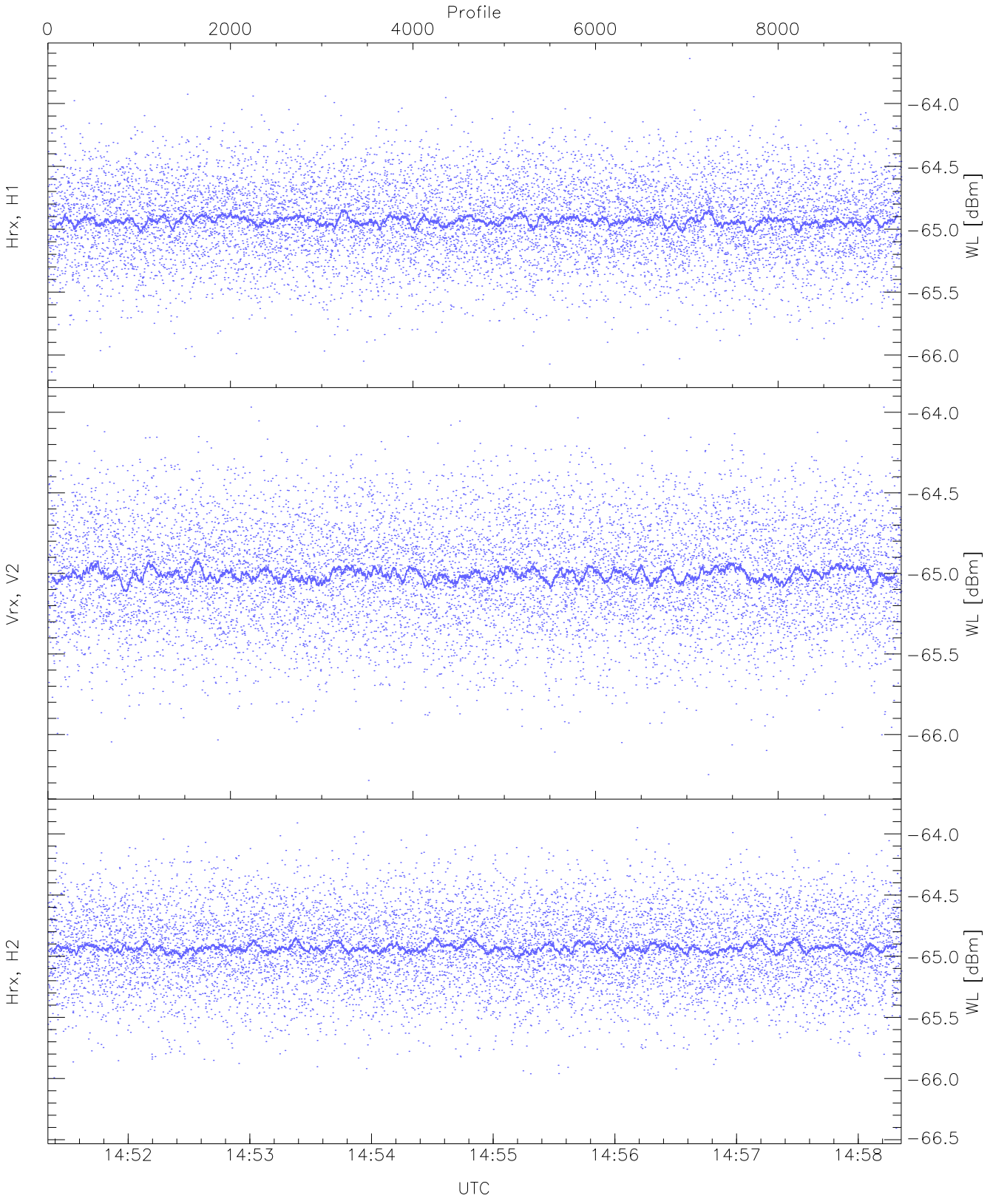
WCR3 CPP Receivers Gain and Noise Figure

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



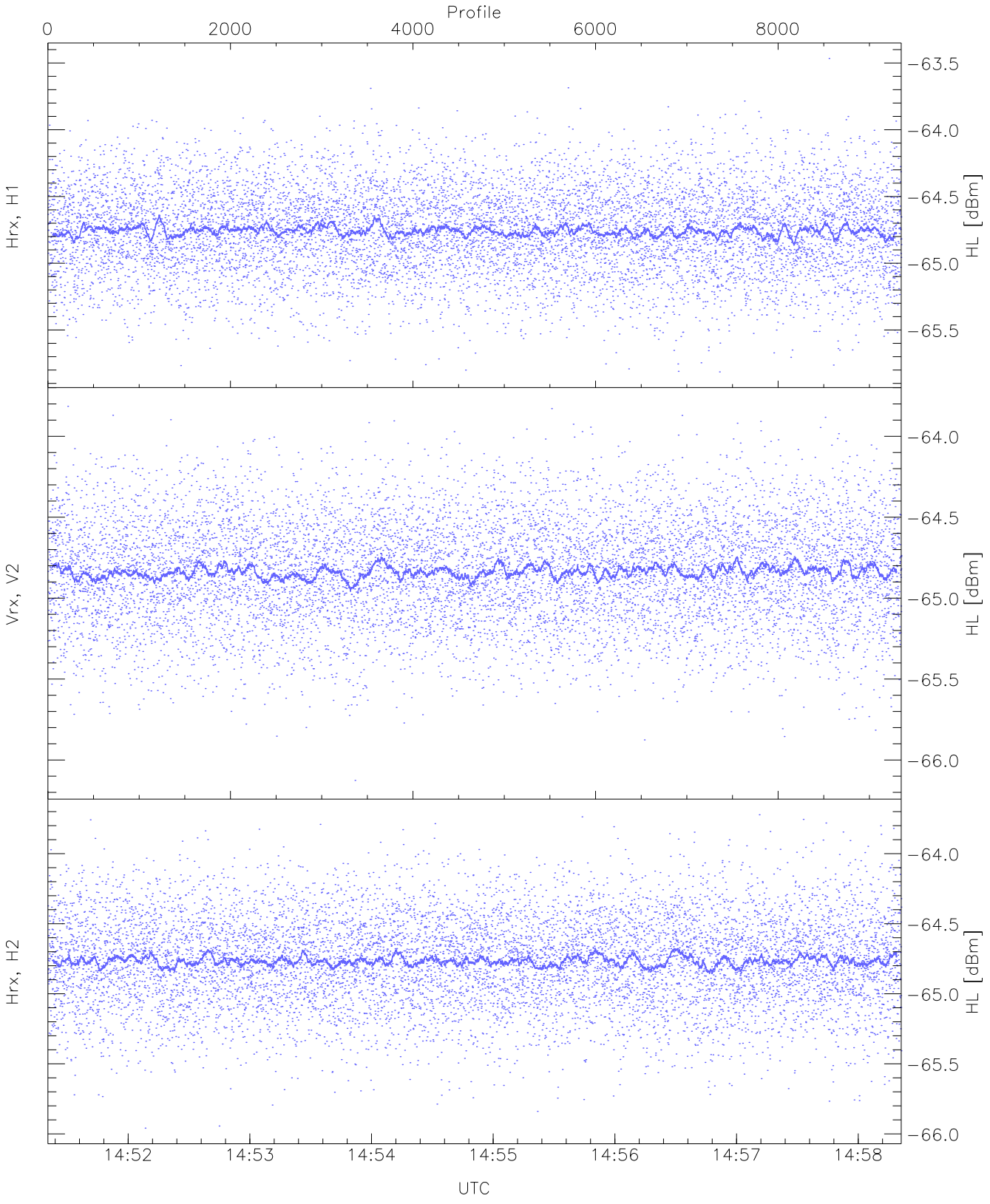
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.53	-65.28	-65.41	-65.41	-87.00
RMPHrxH1(std_dBm)	-76.26	-74.75	-75.43	-75.43	-89.24
RMPVrxV2(mean_dBm)	-65.17	-64.92	-65.04	-65.04	-86.47
RMPVrxV2(std_dBm)	-75.84	-74.38	-75.06	-75.06	-88.84
RMPHrxH2(mean_dBm)	-65.09	-64.86	-64.97	-64.97	-86.59
RMPHrxH2(std_dBm)	-75.72	-74.33	-74.98	-74.98	-88.75



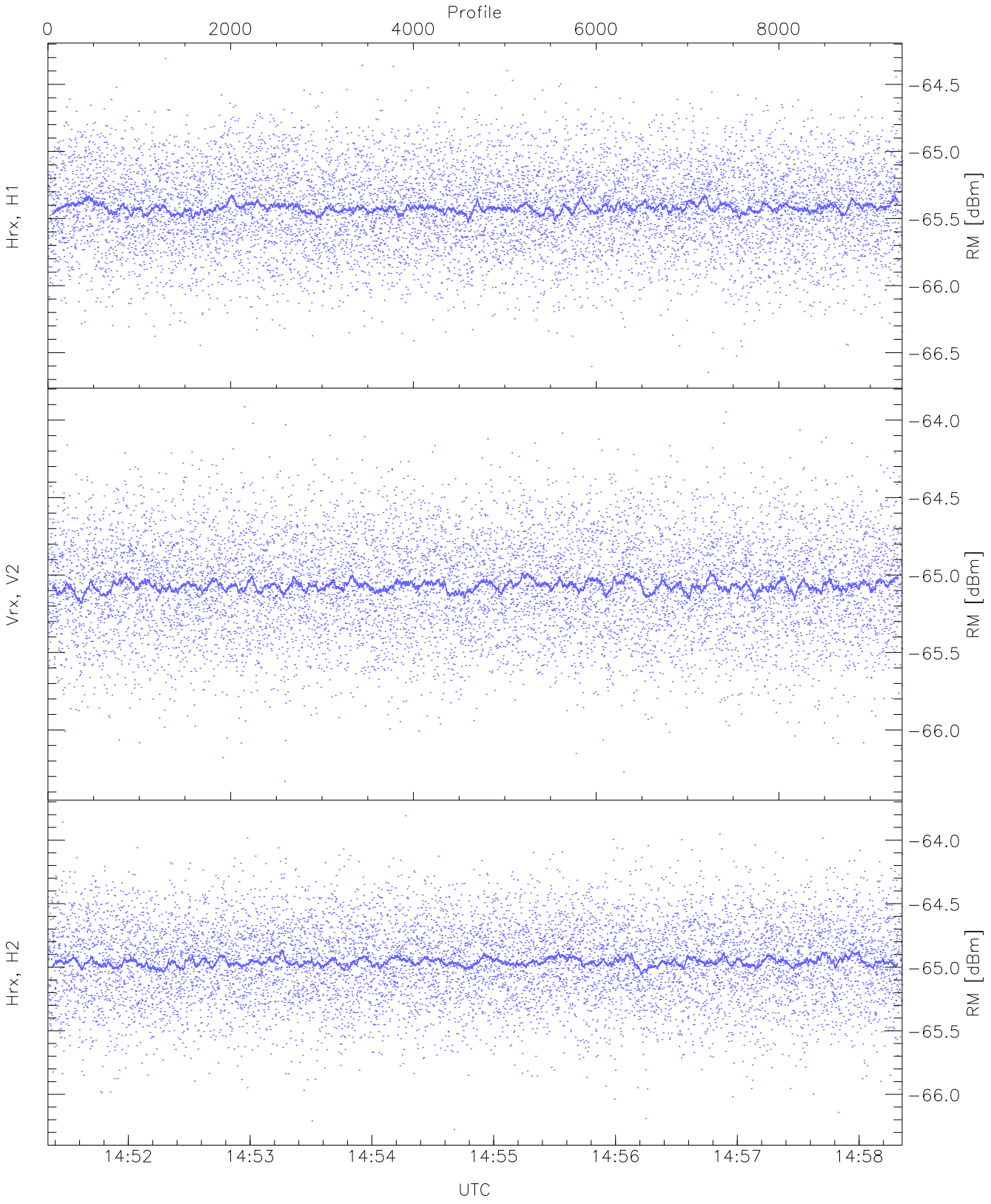
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.14	-63.64	-64.93	-64.93	-76.45
Vrx, V2(WL [dBm])	-66.28	-63.96	-65.00	-65.01	-76.48
Hrx, H2(WL [dBm])	-66.41	-63.84	-64.92	-64.93	-76.45



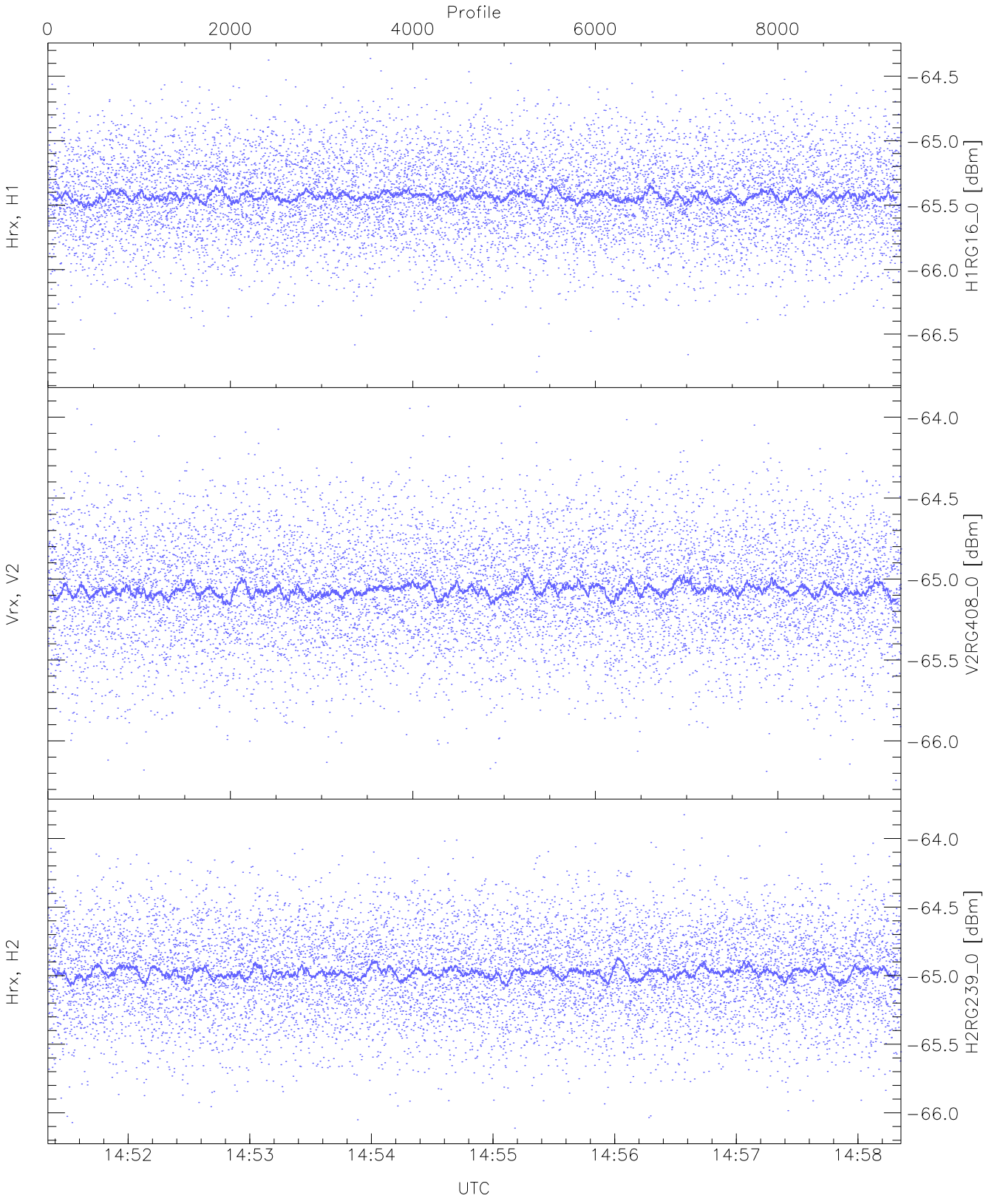
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.81	-63.47	-64.75	-64.75	-76.27
Vrx, V2(HL [dBm])	-66.13	-63.81	-64.83	-64.83	-76.37
Hrx, H2(HL [dBm])	-65.96	-63.72	-64.76	-64.76	-76.25



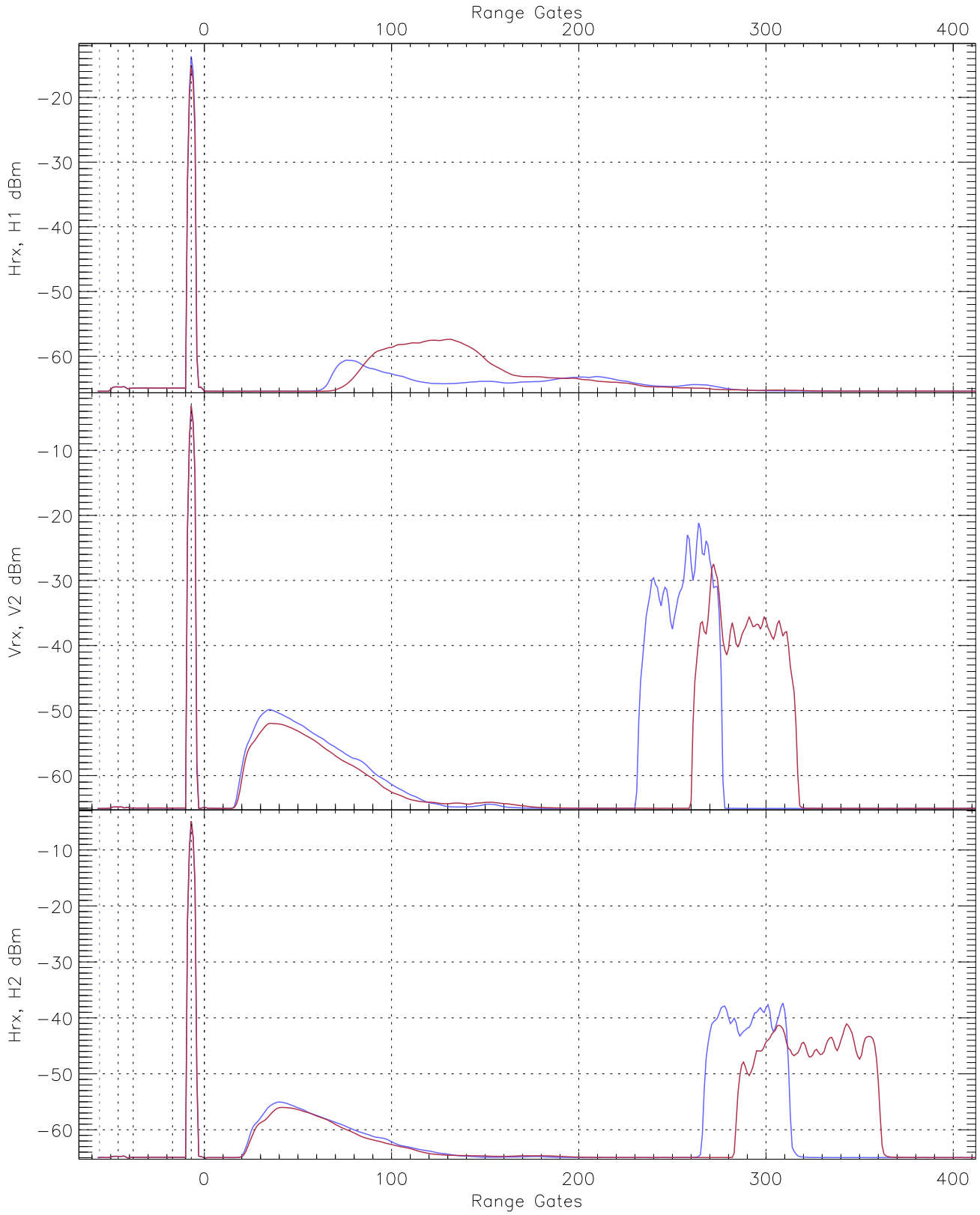
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.65	-64.31	-65.41	-65.42	-76.90
Vrx, V2(RM [dBm])	-66.33	-63.91	-65.06	-65.07	-76.52
Hrx, H2(RM [dBm])	-66.28	-63.81	-64.95	-64.95	-76.42

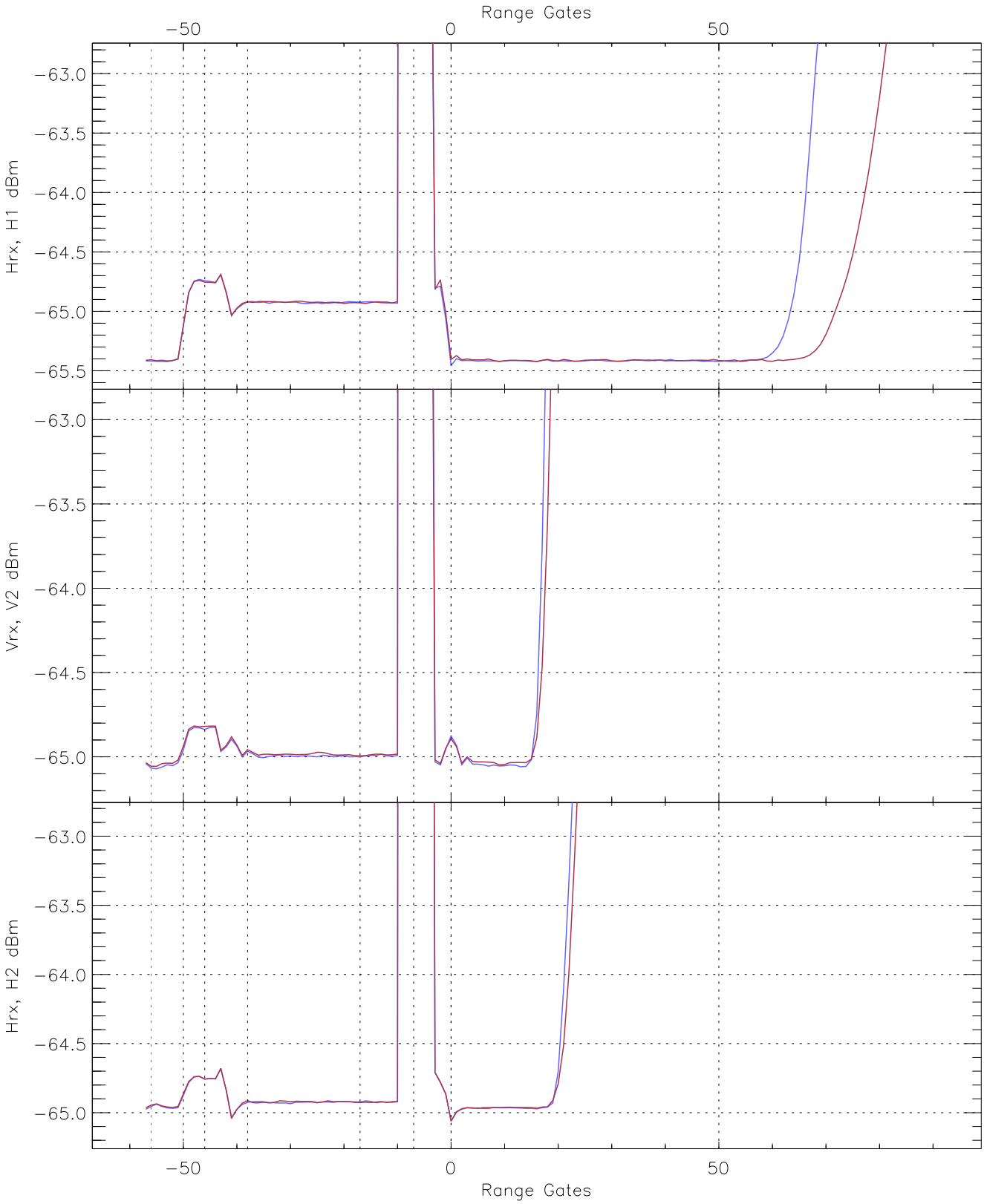


WCR3 CPP "Best" estimate Receivers Noise Power

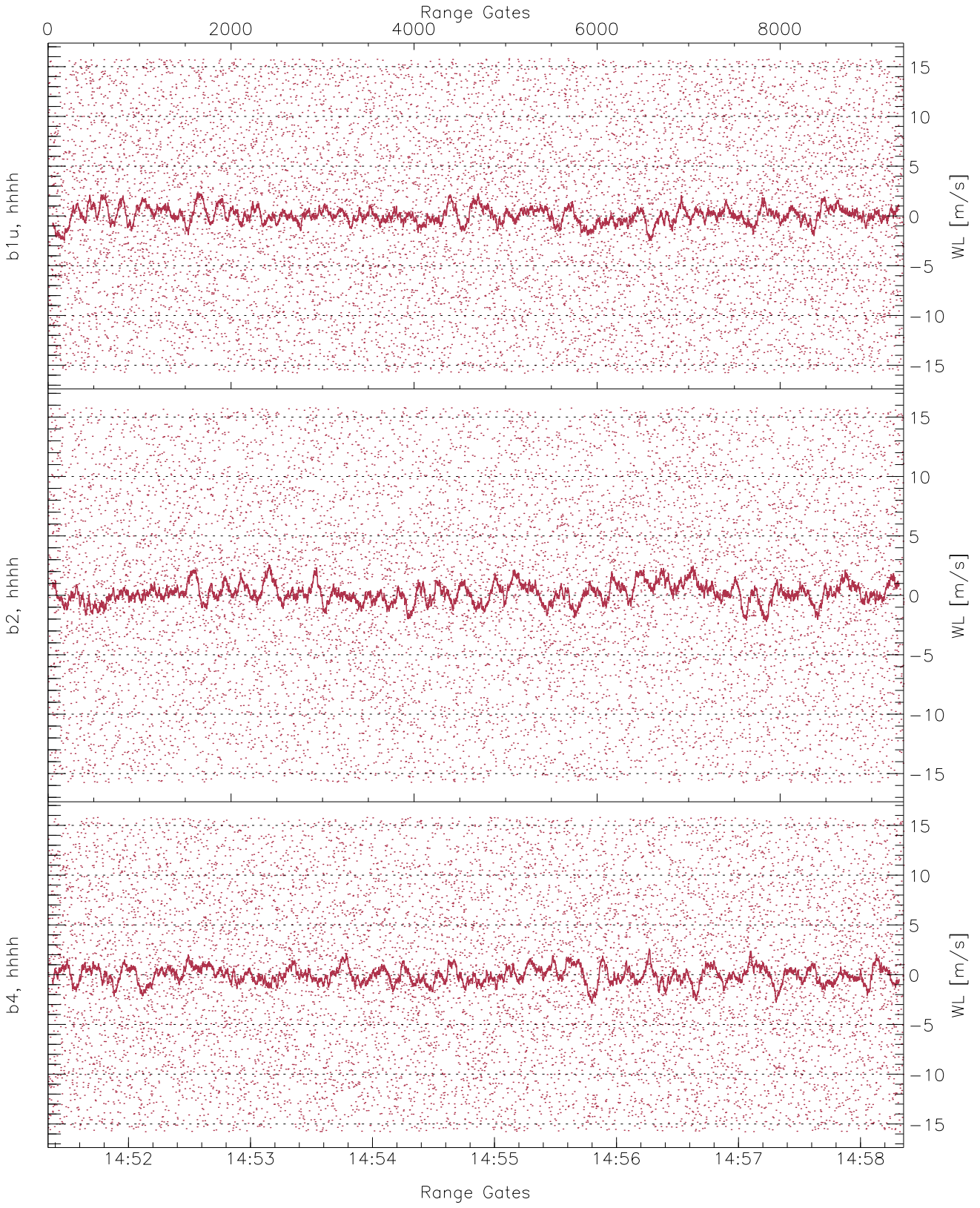
	Min	Max	Mean	Median	StDev
H1RG16_0 [dBm]	-66.79	-64.36	-65.42	-65.44	-76.90
V2RG408_0 [dBm]	-66.24	-63.93	-65.06	-65.07	-76.57
H2RG239_0 [dBm]	-66.11	-63.83	-64.97	-64.98	-76.46



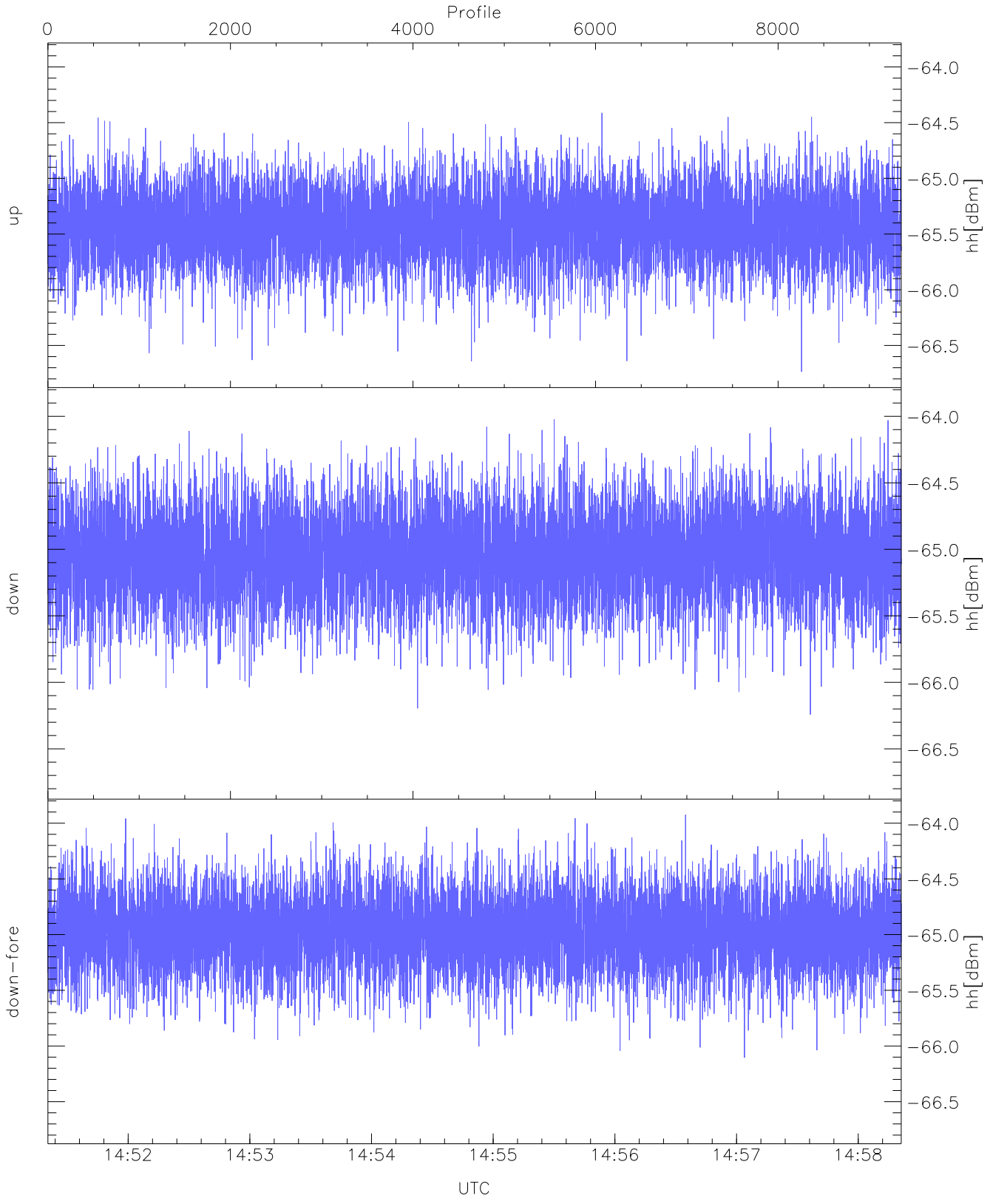
WCR3 CPP Averaged Received power for all recorded gates
blue: 145120-145451, 4676 profiles averaged
red: 145451-145821, 4675 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 145120−145451, 4676 profiles averaged
red: 145451−145821, 4675 profiles averaged

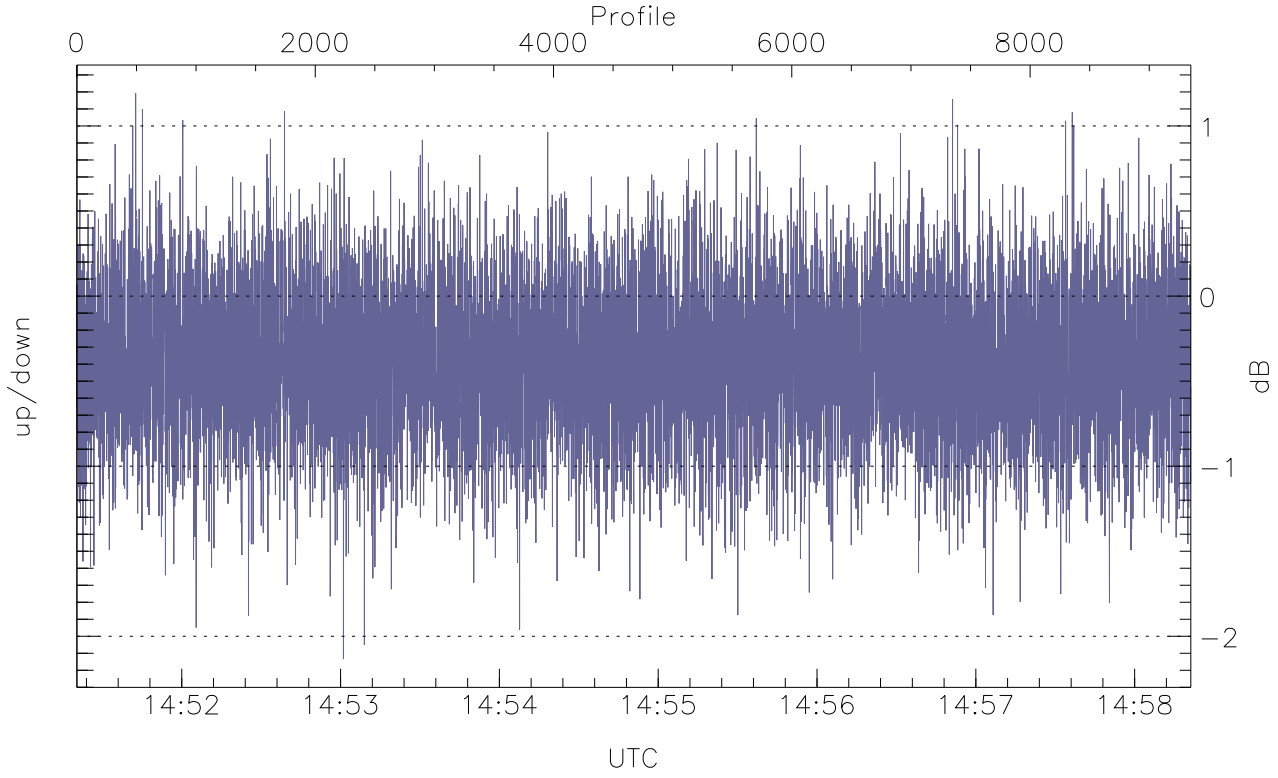


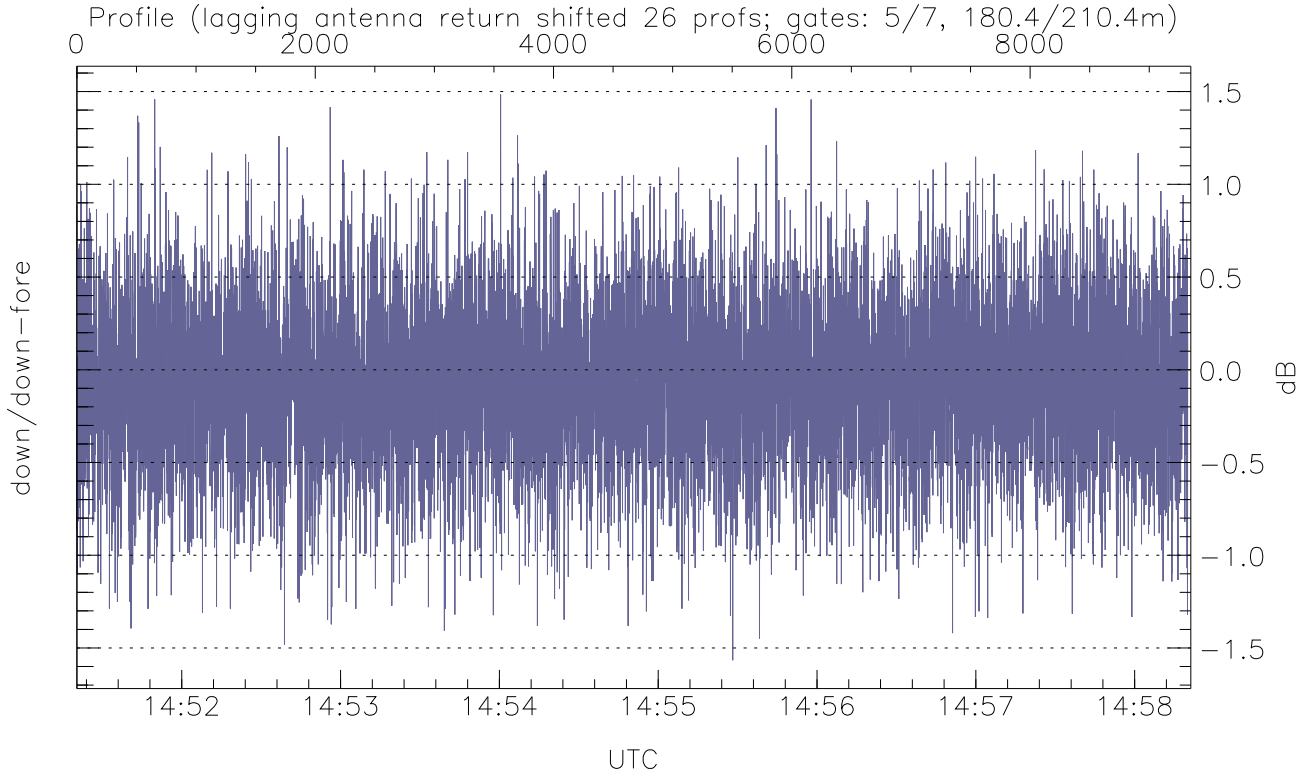
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

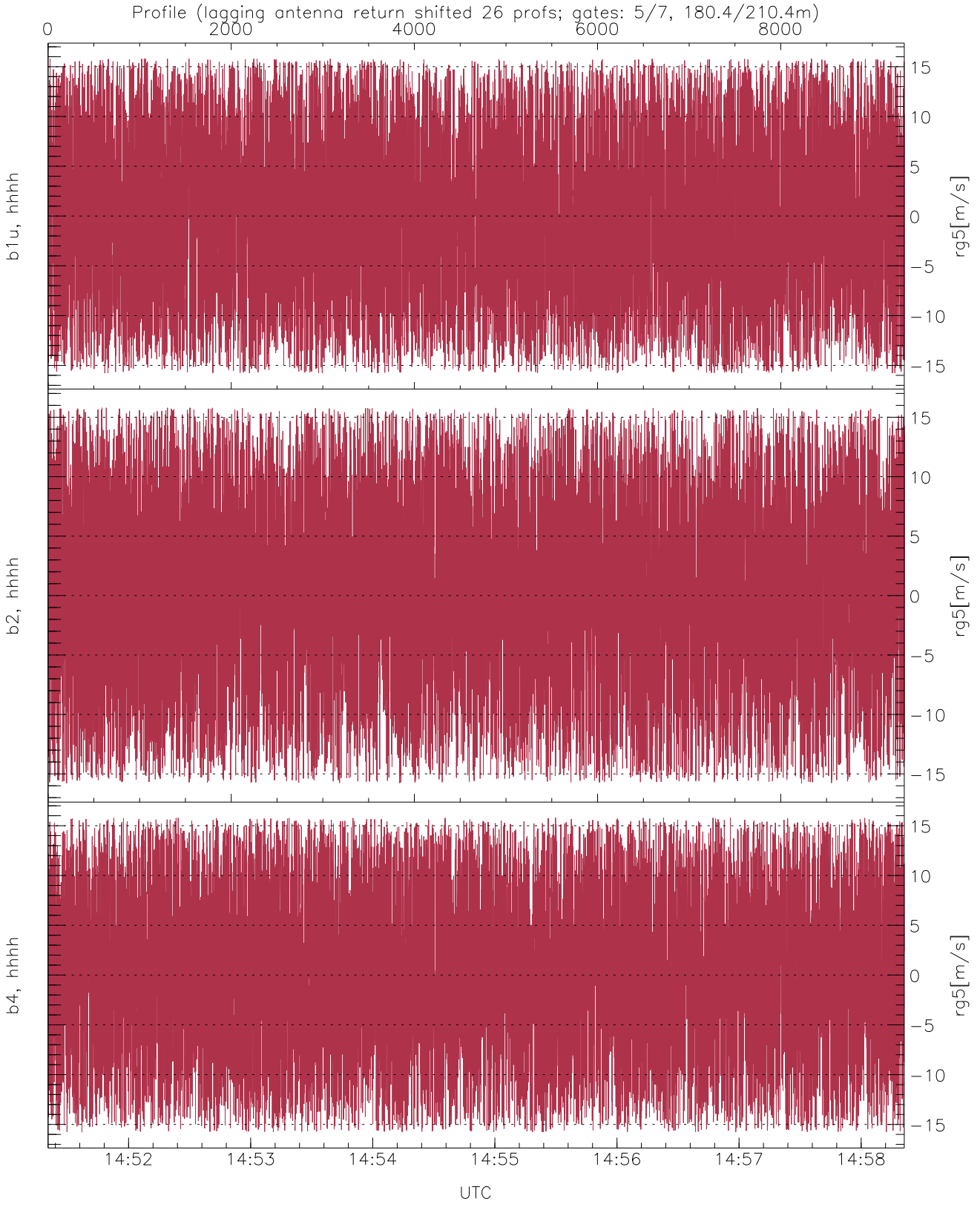
	Min	Max	Mean
up(hh[dBm])	-66.74	-64.41	-65.41
down(hh[dBm])	-66.24	-64.02	-65.04
down-fore(hh[dBm])	-66.11	-63.92	-64.97





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

	Min	Max	Mean
up/down(dB)	-2.13	1.19	-0.38
down/down-fore(dB)	-1.57	1.48	-0.07



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.12	8.89
b2, hhhh(rg5[m/s])	-15.78	15.79	0.15	8.64
b4, hhhh(rg5[m/s])	-15.78	15.79	0.21	8.92