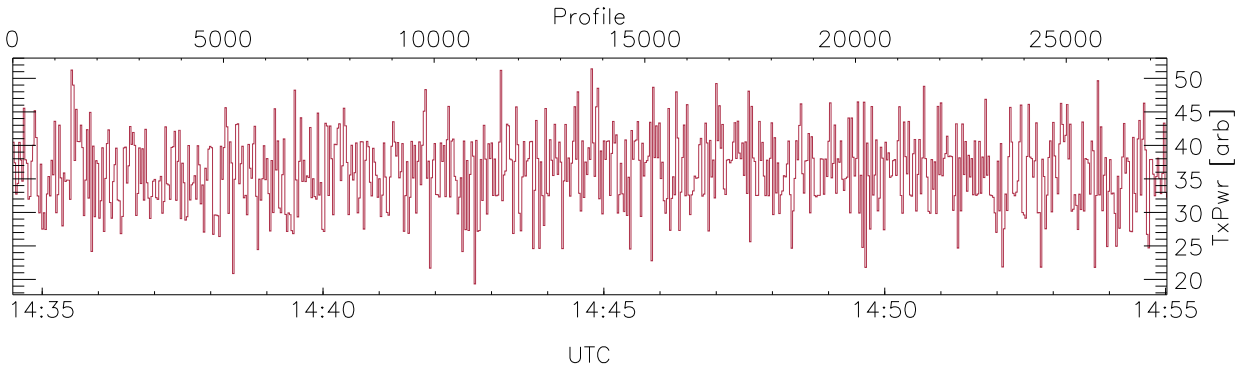
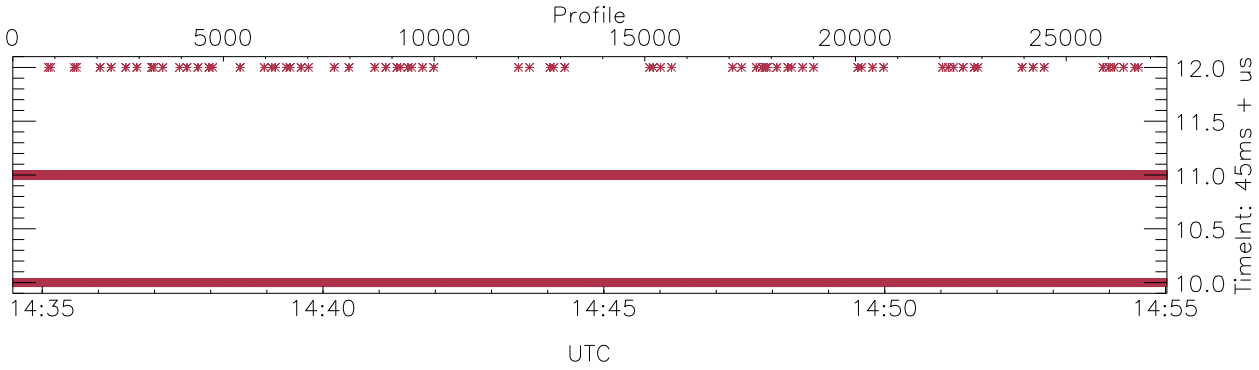
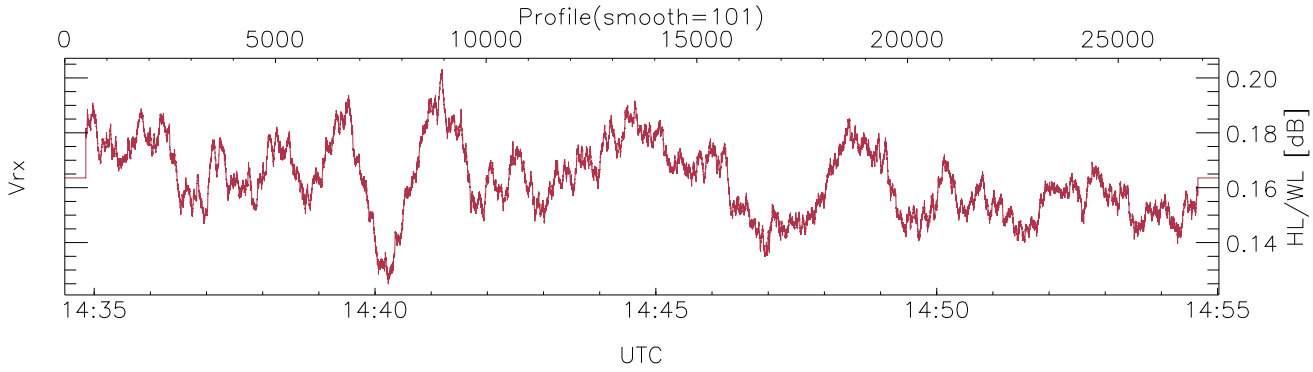
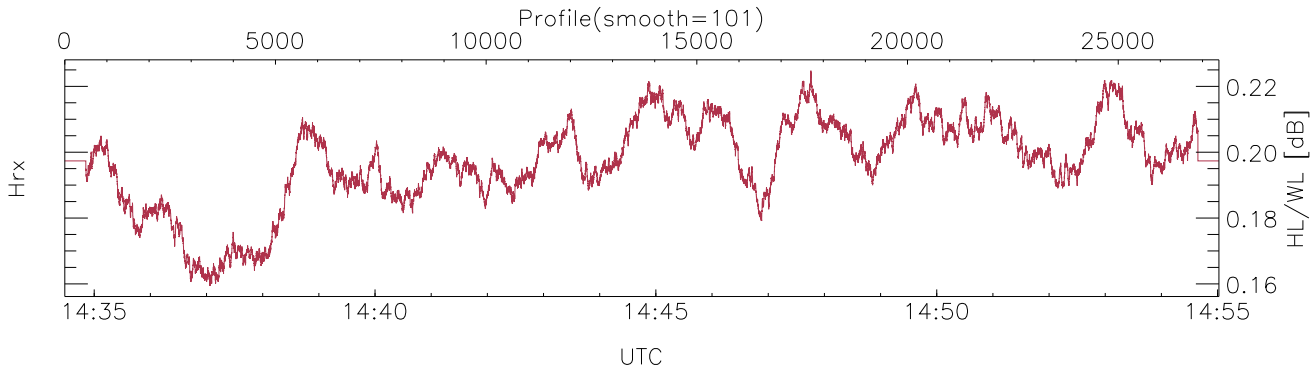


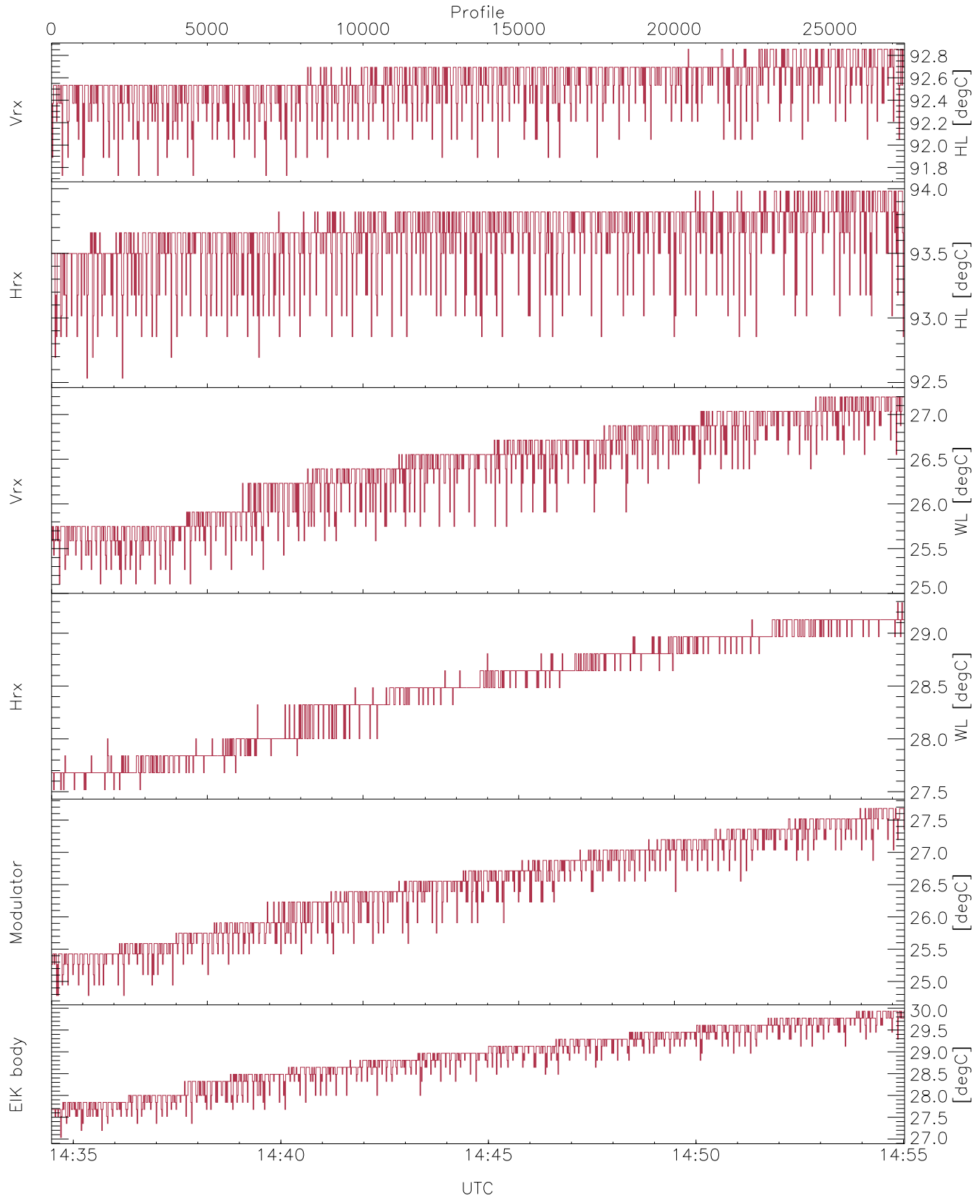






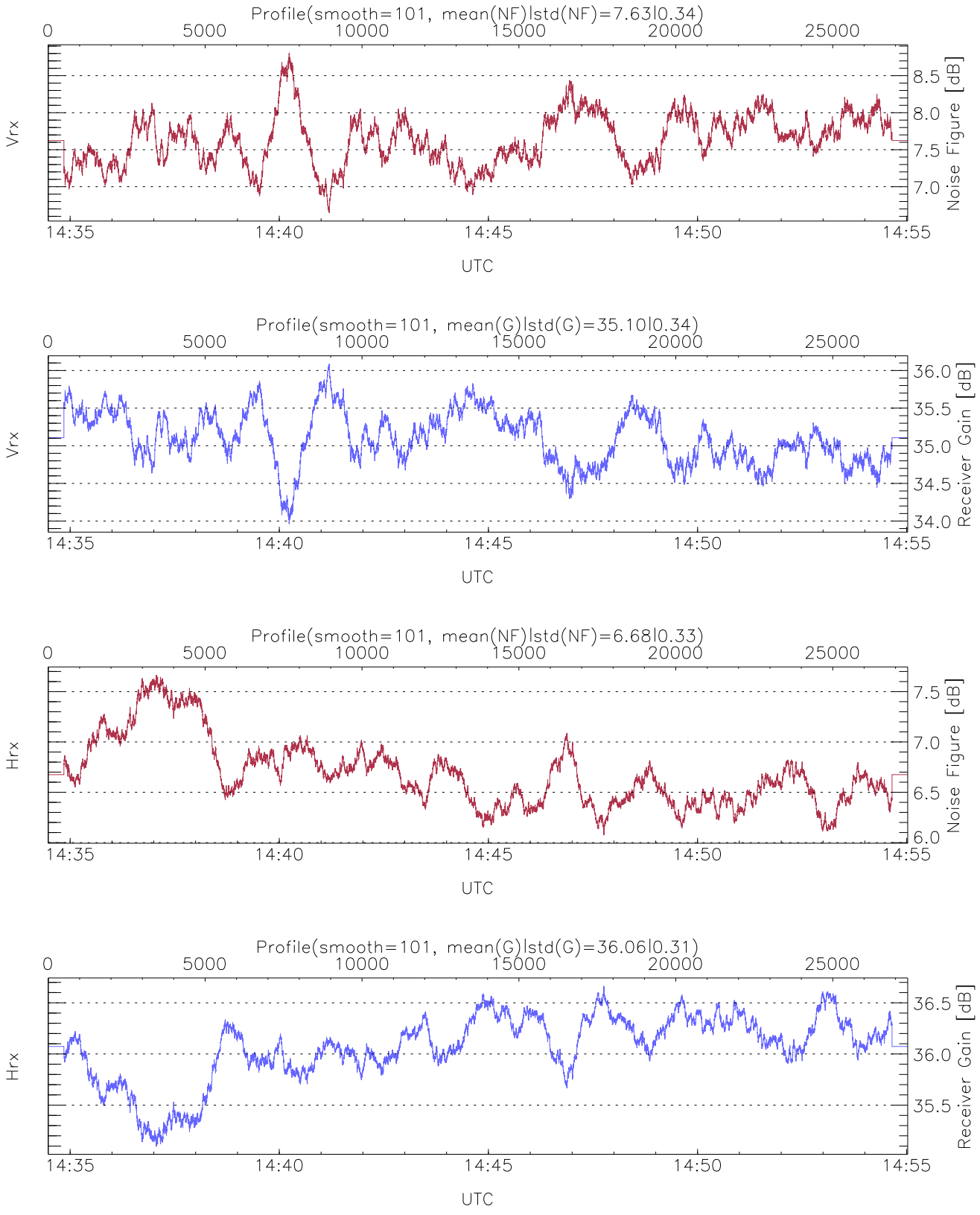
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:34:29-14:55:01, TimeCor: 0.00s, Dur: 1232.90s
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): 27392/27392, 0-27391/14:34:29-14:55:01
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



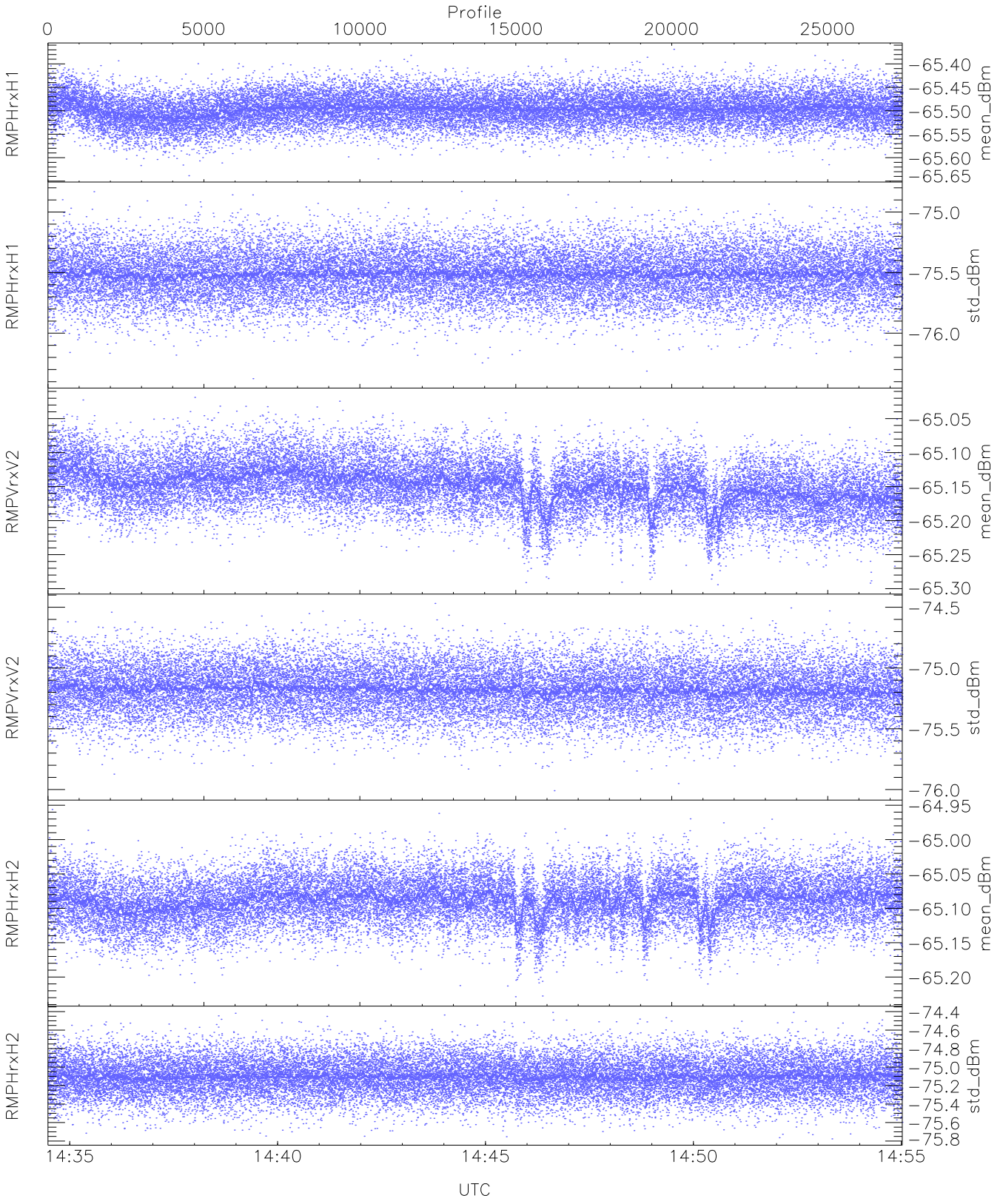
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,27,24,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,27,29
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK/Modulator Faults: None



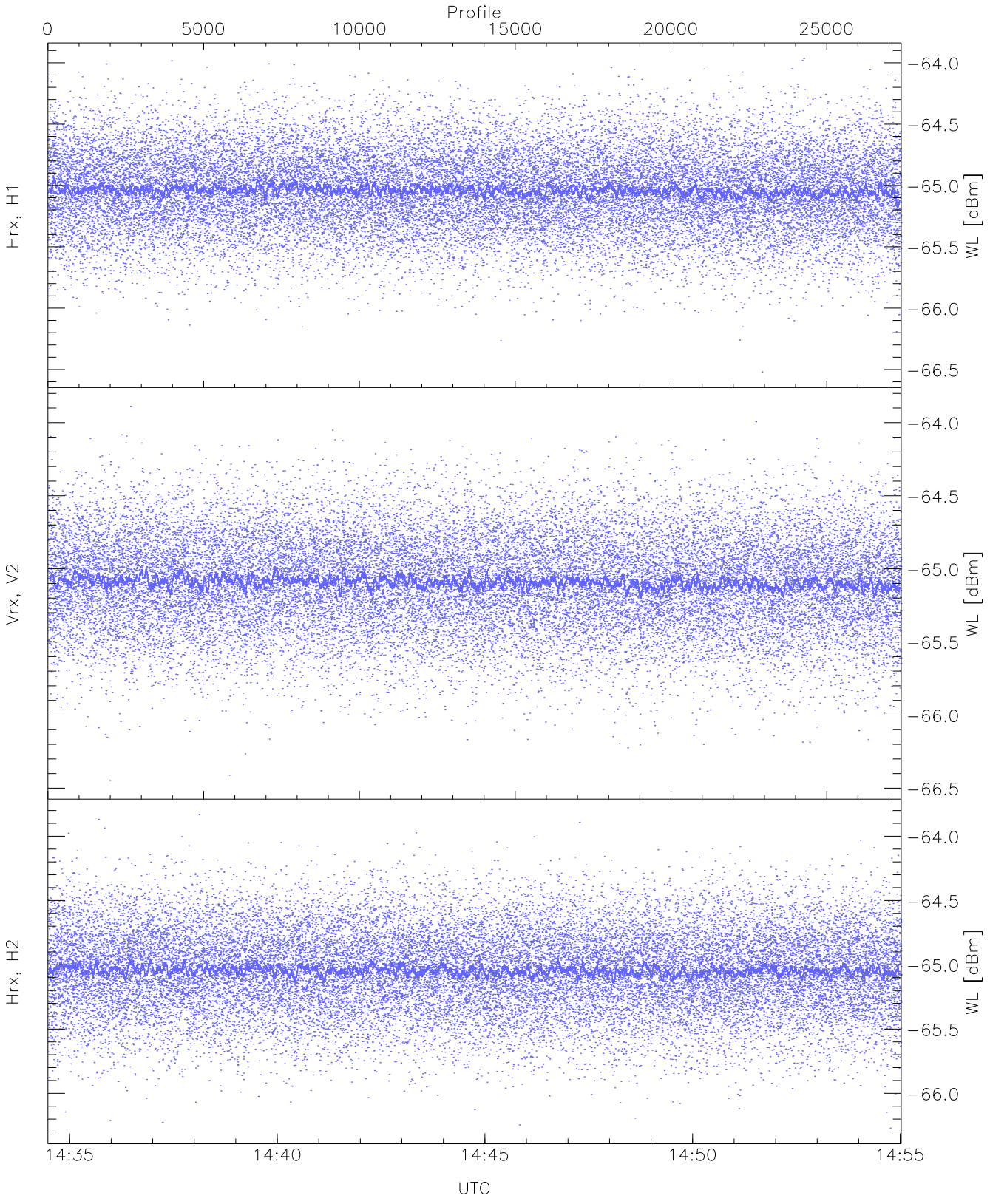
WCR3 CPP Receivers Gain and Noise Figure

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



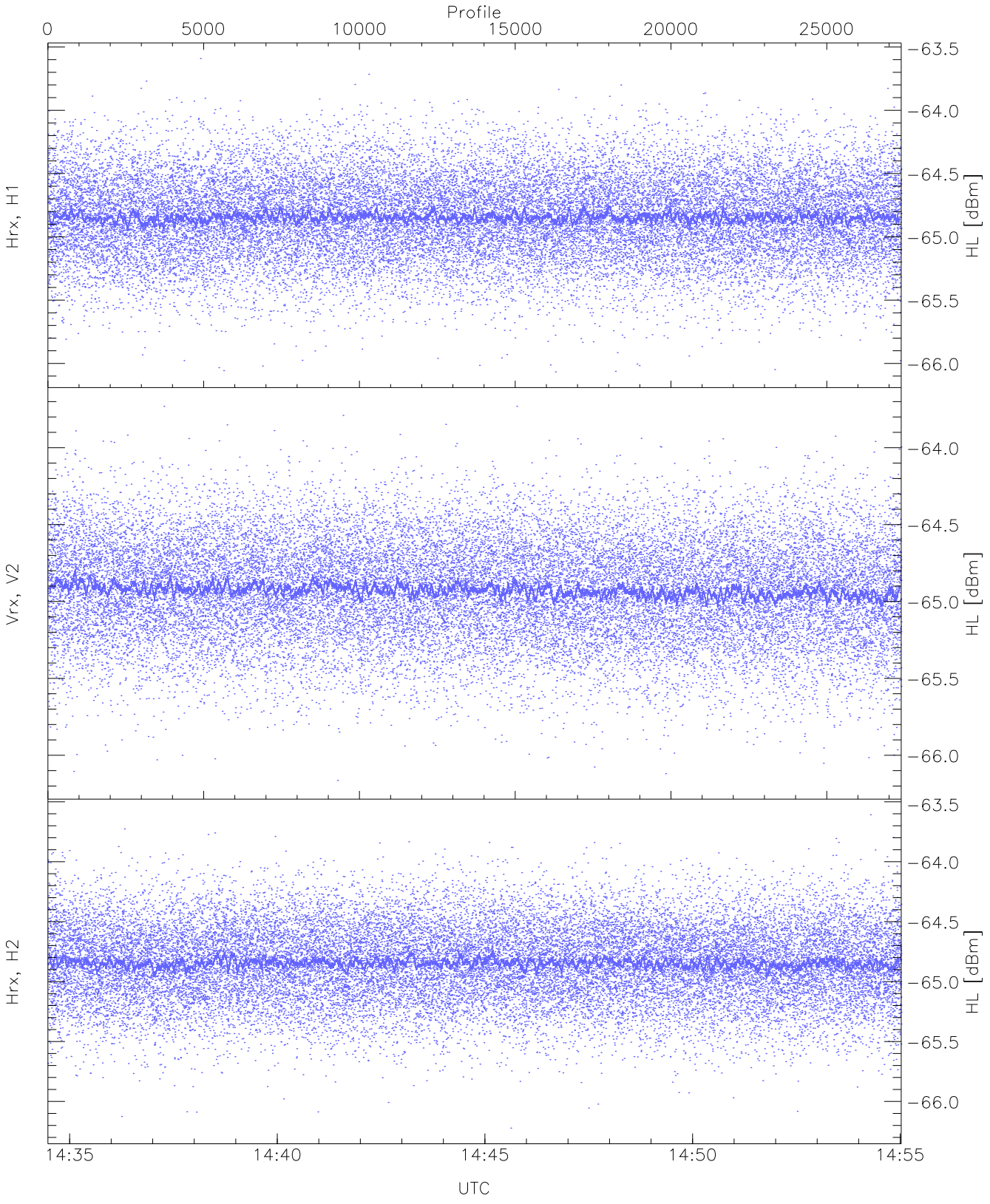
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.64	-65.37	-65.50	-65.50	-86.98
RMPHrxH1(std_dBm)	-76.38	-74.83	-75.51	-75.51	-89.29
RMPVrxV2(mean_dBm)	-65.29	-65.02	-65.15	-65.15	-86.09
RMPVrxV2(std_dBm)	-76.01	-74.47	-75.18	-75.18	-88.96
RMPHrxH2(mean_dBm)	-65.23	-64.96	-65.09	-65.09	-86.41
RMPHrxH2(std_dBm)	-75.78	-74.41	-75.10	-75.11	-88.87



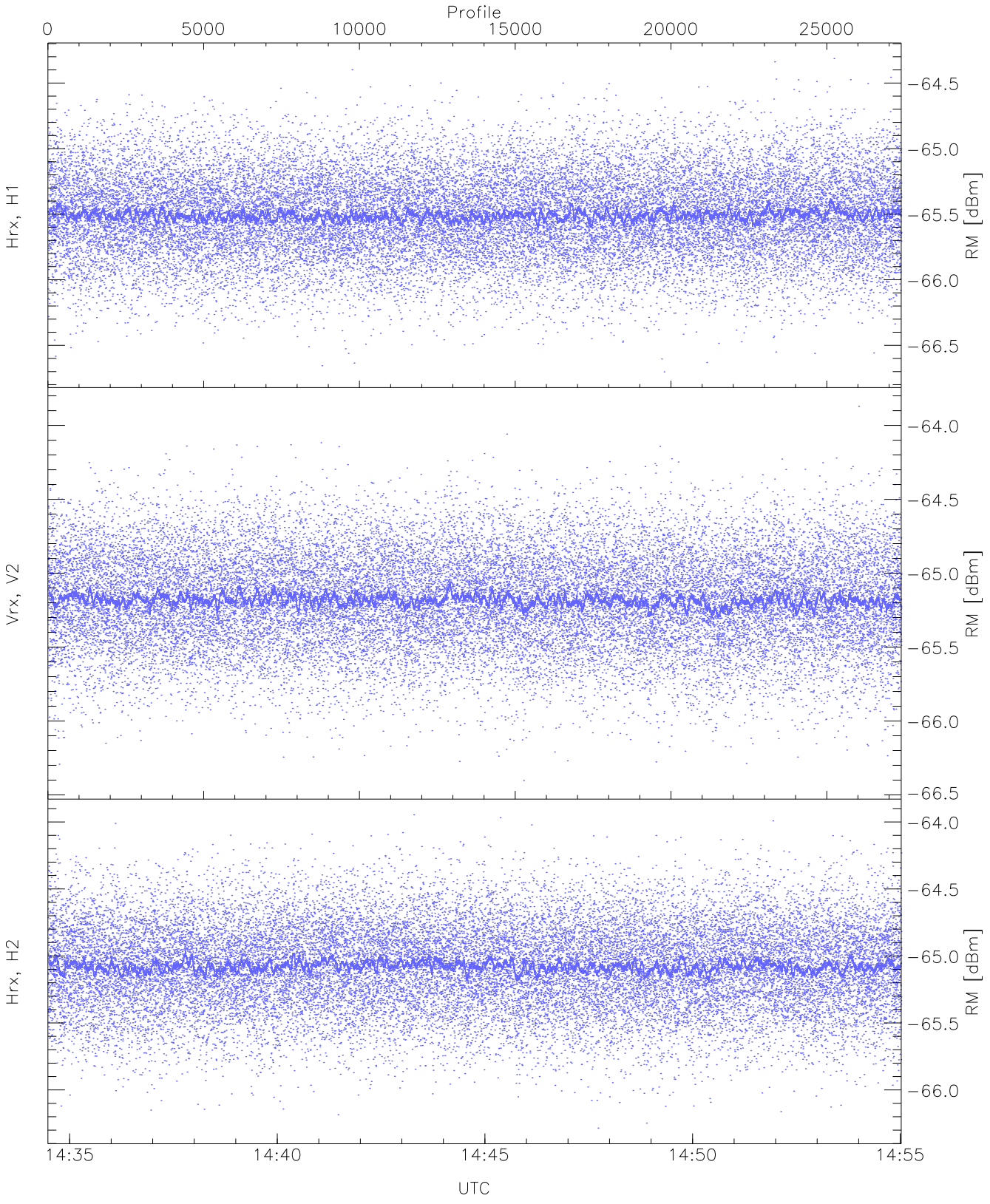
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.52	-63.97	-65.03	-65.04	-76.55
Vrx, V2(WL [dBm])	-66.45	-63.89	-65.08	-65.09	-76.59
Hrx, H2(WL [dBm])	-66.27	-63.83	-65.04	-65.04	-76.54



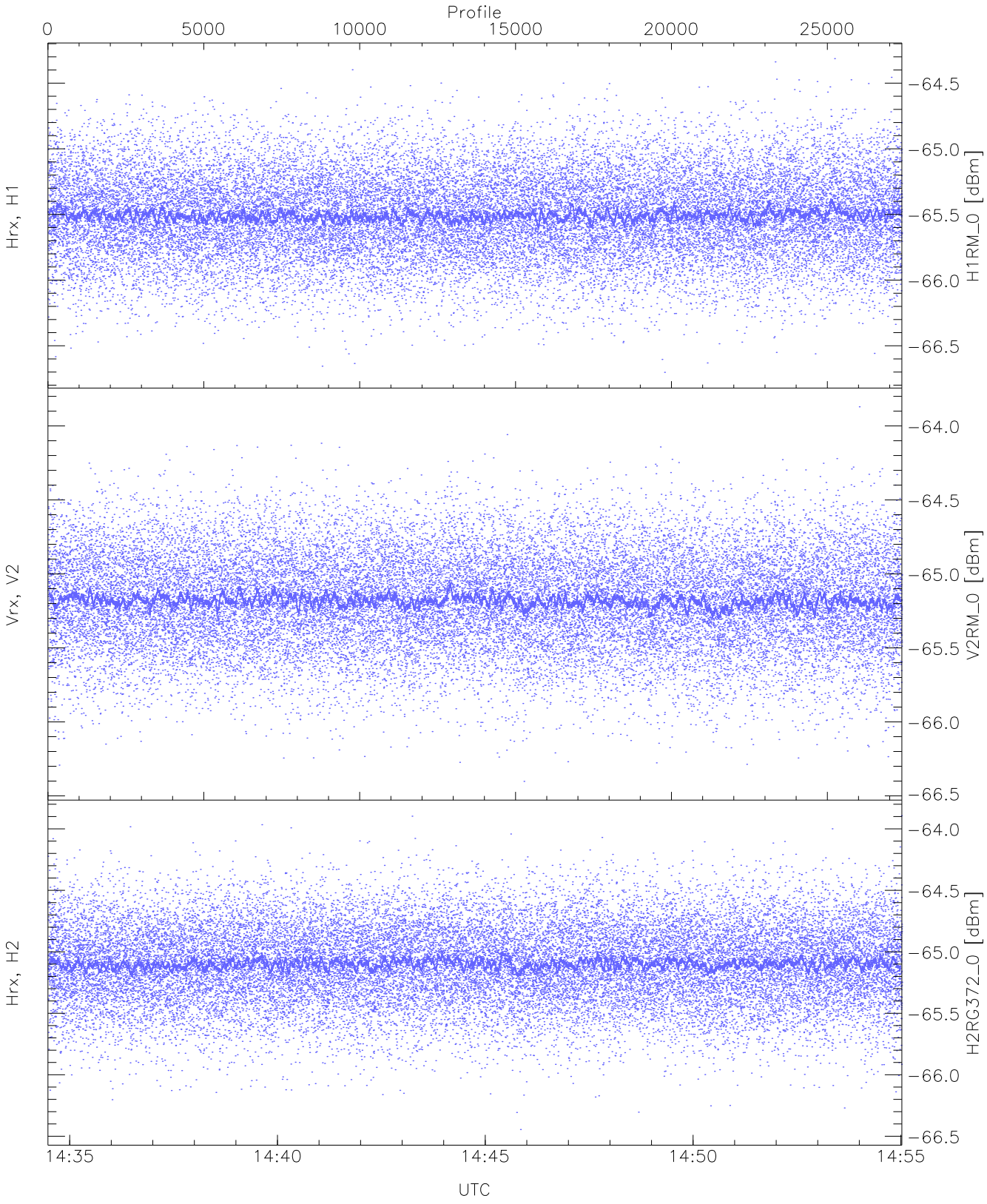
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.07	-63.59	-64.84	-64.85	-76.35
Vrx, V2(HL [dBm])	-66.16	-63.73	-64.92	-64.92	-76.44
Hrx, H2(HL [dBm])	-66.22	-63.61	-64.84	-64.85	-76.36



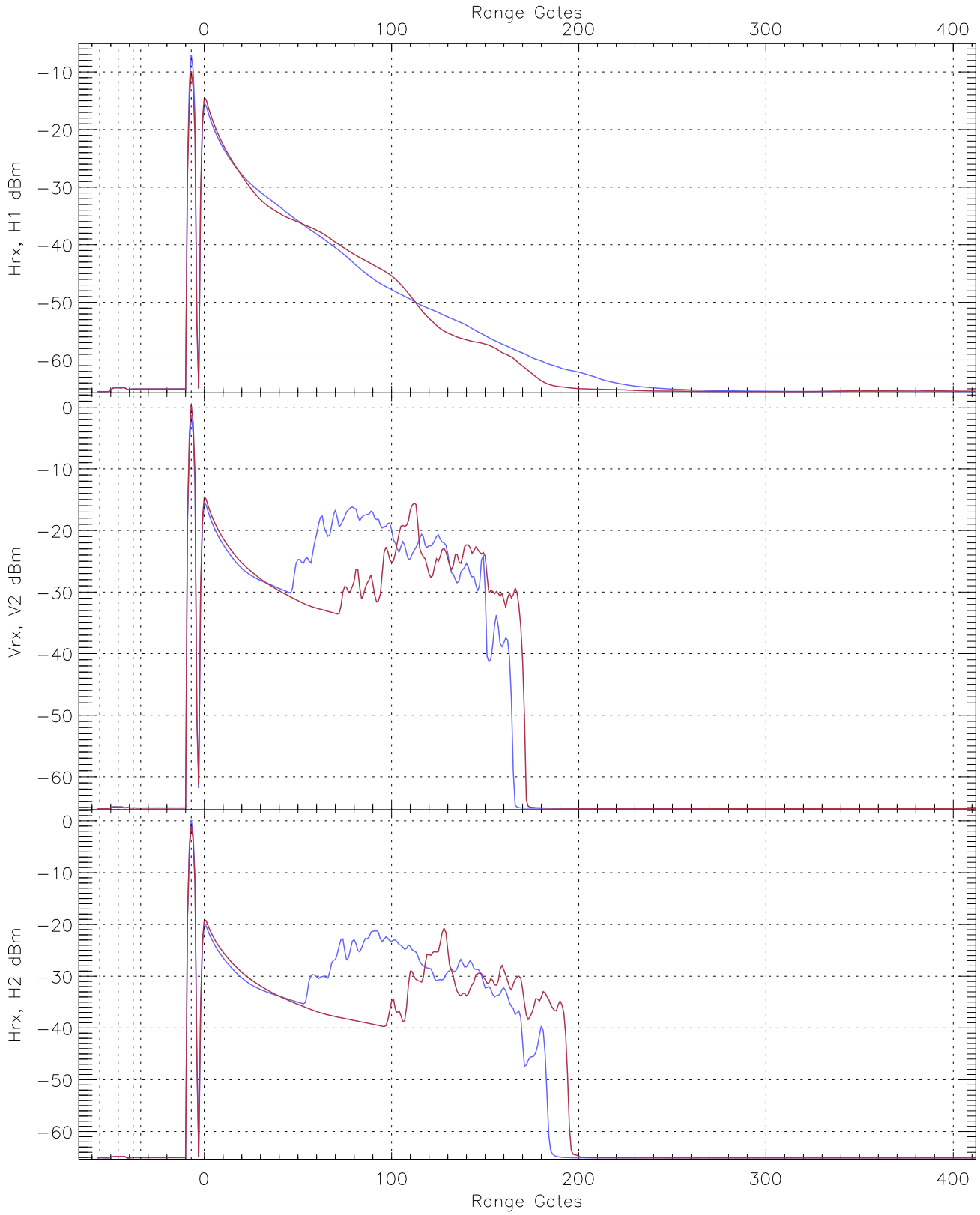
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.70	-64.31	-65.50	-65.51	-77.03
Vrx, V2(RM [dBm])	-66.40	-63.87	-65.17	-65.18	-76.71
Hrx, H2(RM [dBm])	-66.28	-63.95	-65.07	-65.08	-76.58

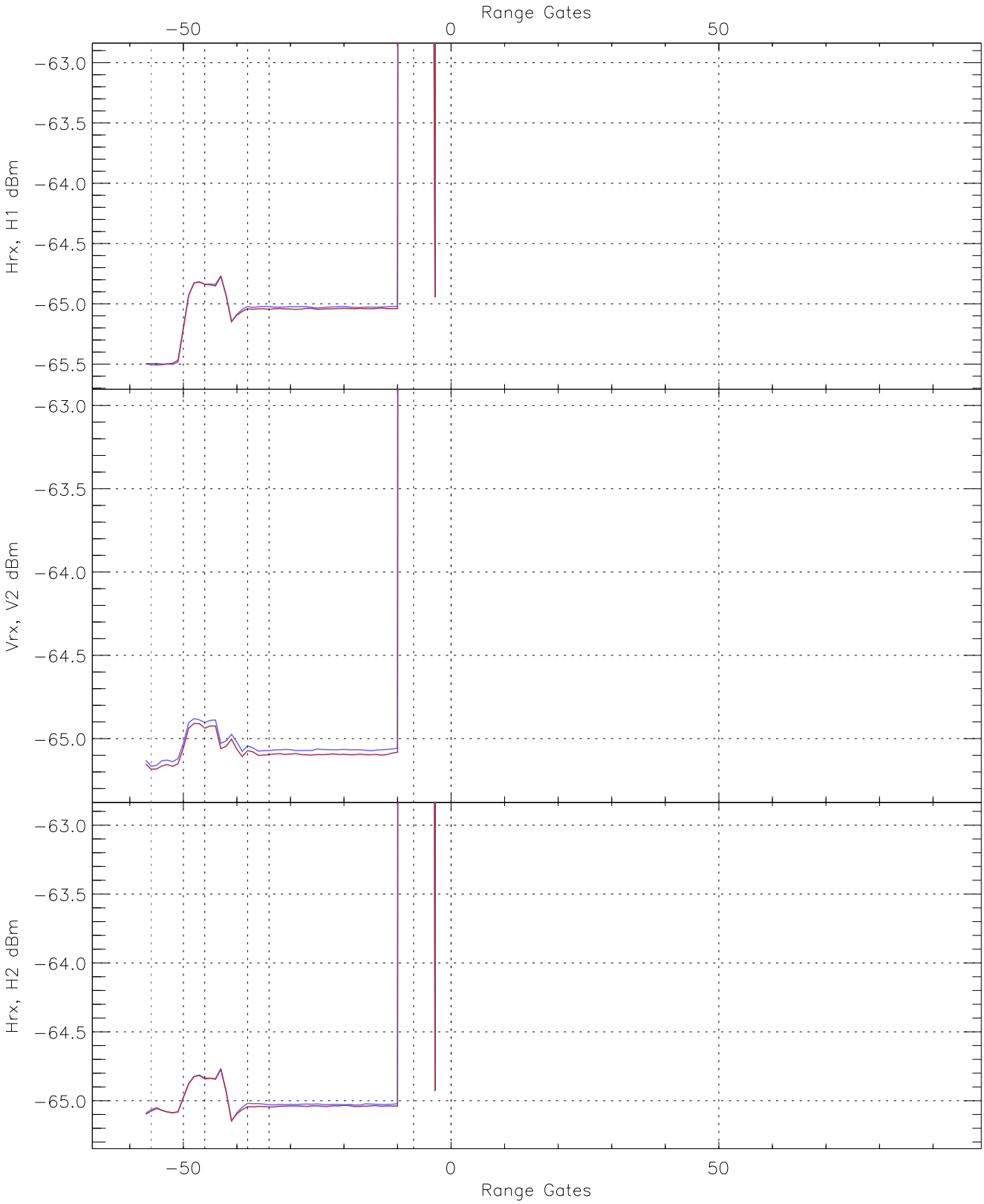


WCR3 CPP "Best" estimate Receivers Noise Power

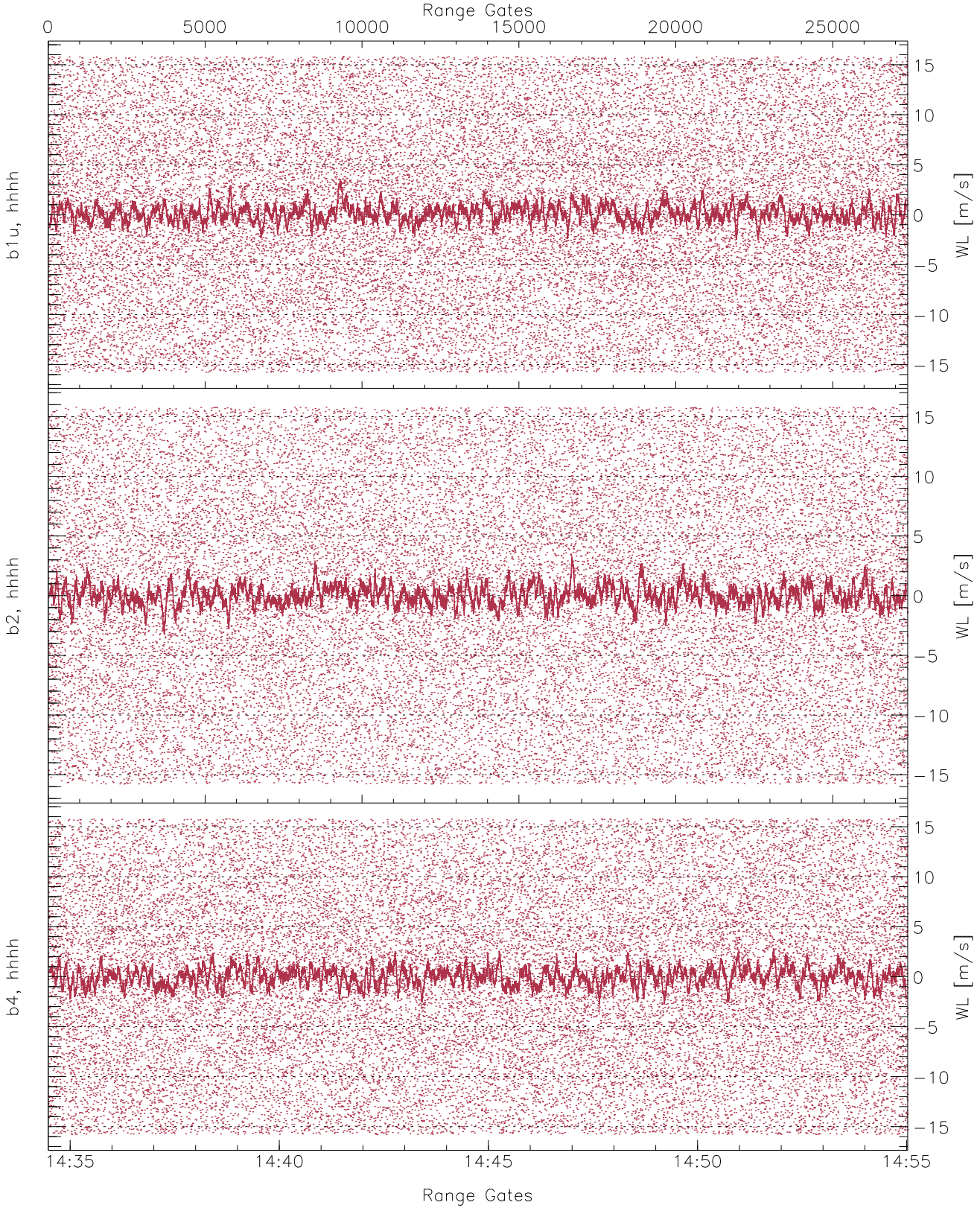
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.70	-64.31	-65.50	-65.51	-77.03
V2RM_0 [dBm]	-66.40	-63.87	-65.17	-65.18	-76.71
H2RG372_0 [dBm]	-66.45	-63.89	-65.09	-65.10	-76.61



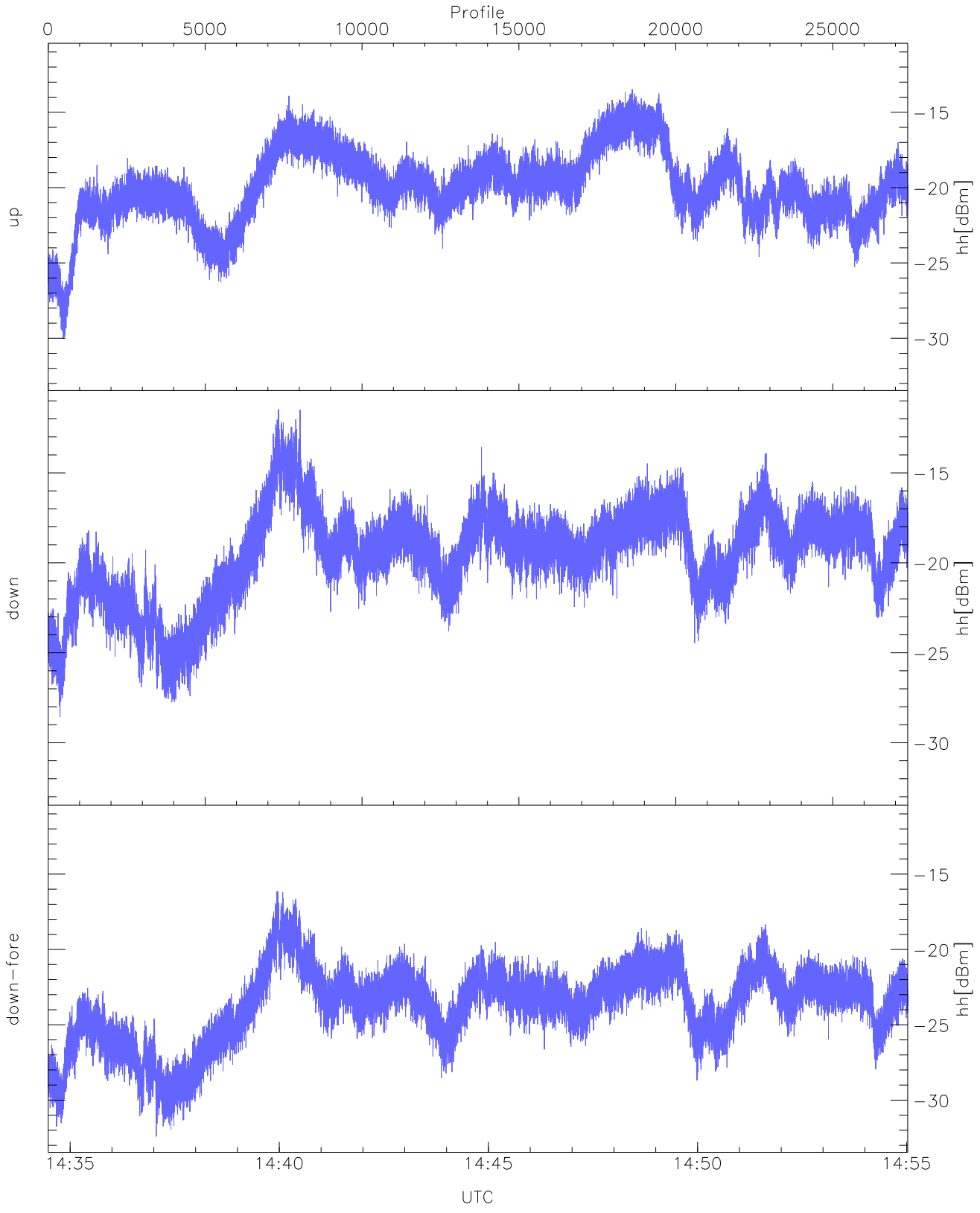
WCR3 CPP Averaged Received power for all recorded gates
blue: 143429-144445, 13697 profiles averaged
red: 144445-145501, 13696 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 143429-144445, 13697 profiles averaged
red: 144445-145501, 13696 profiles averaged

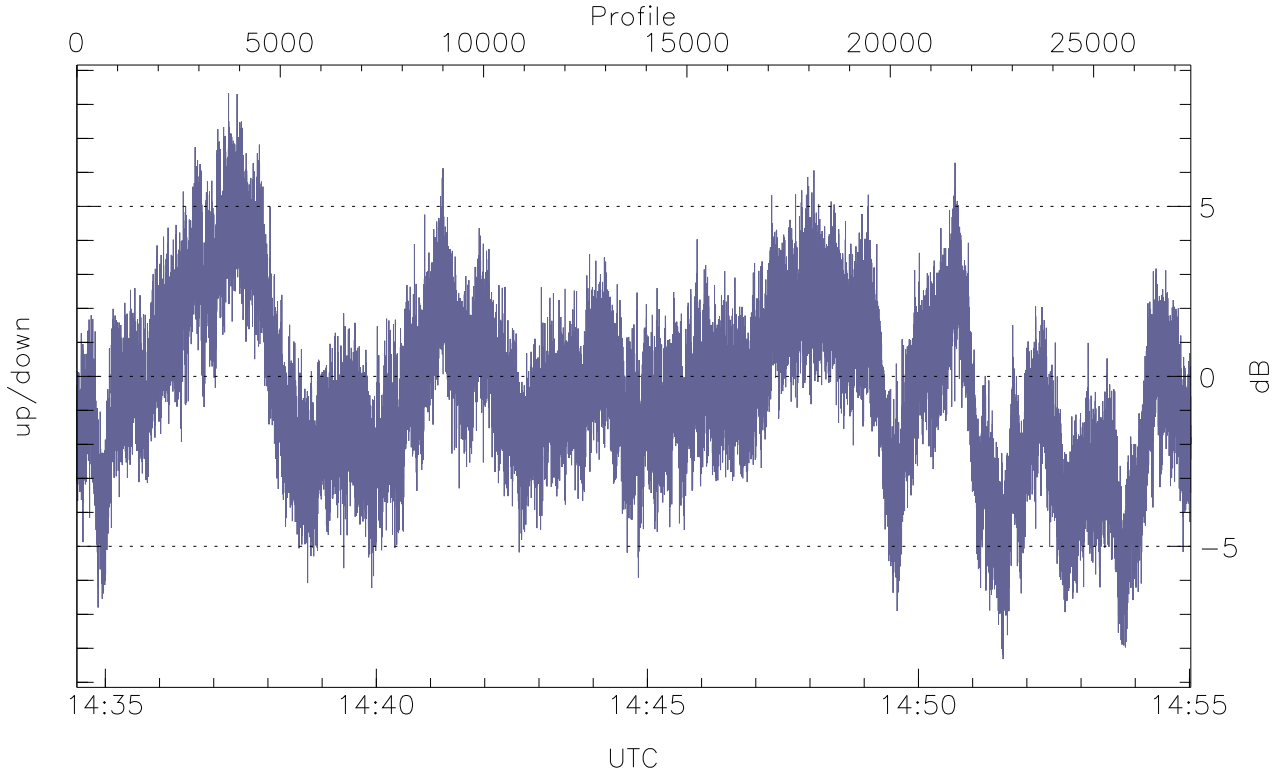


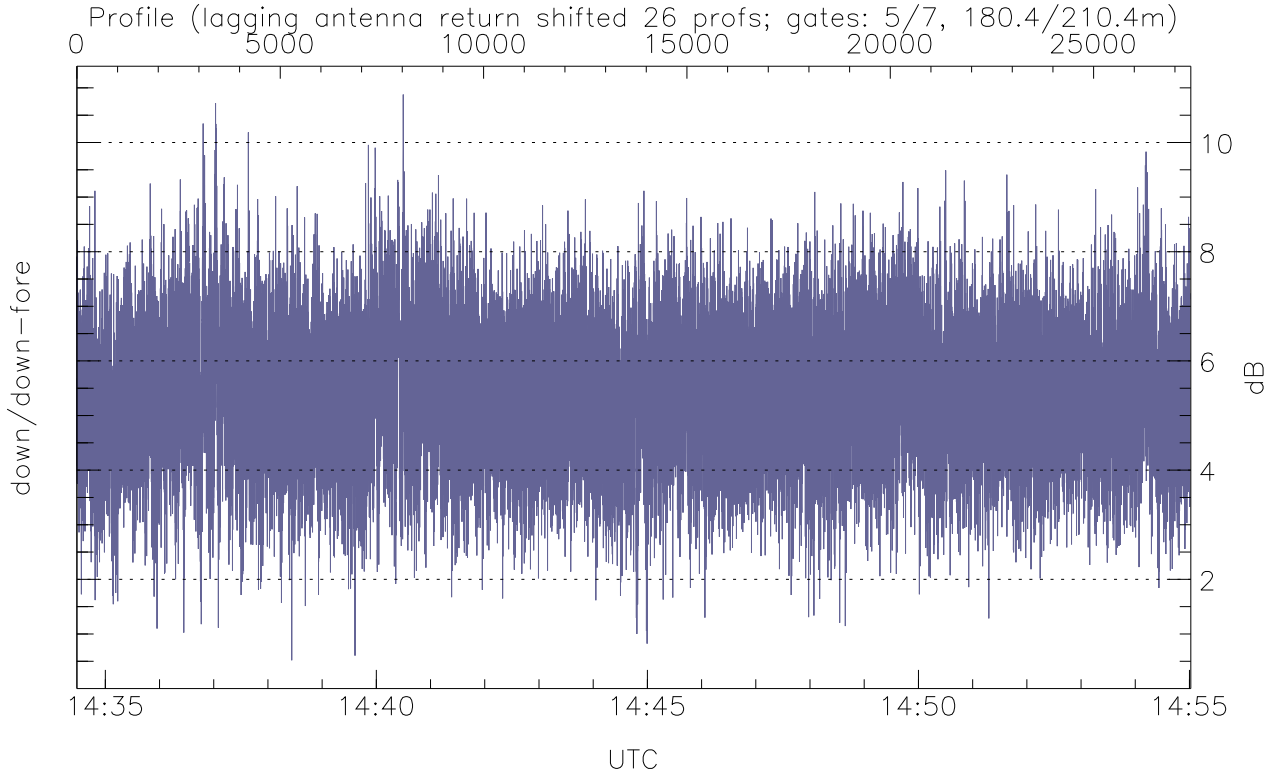
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

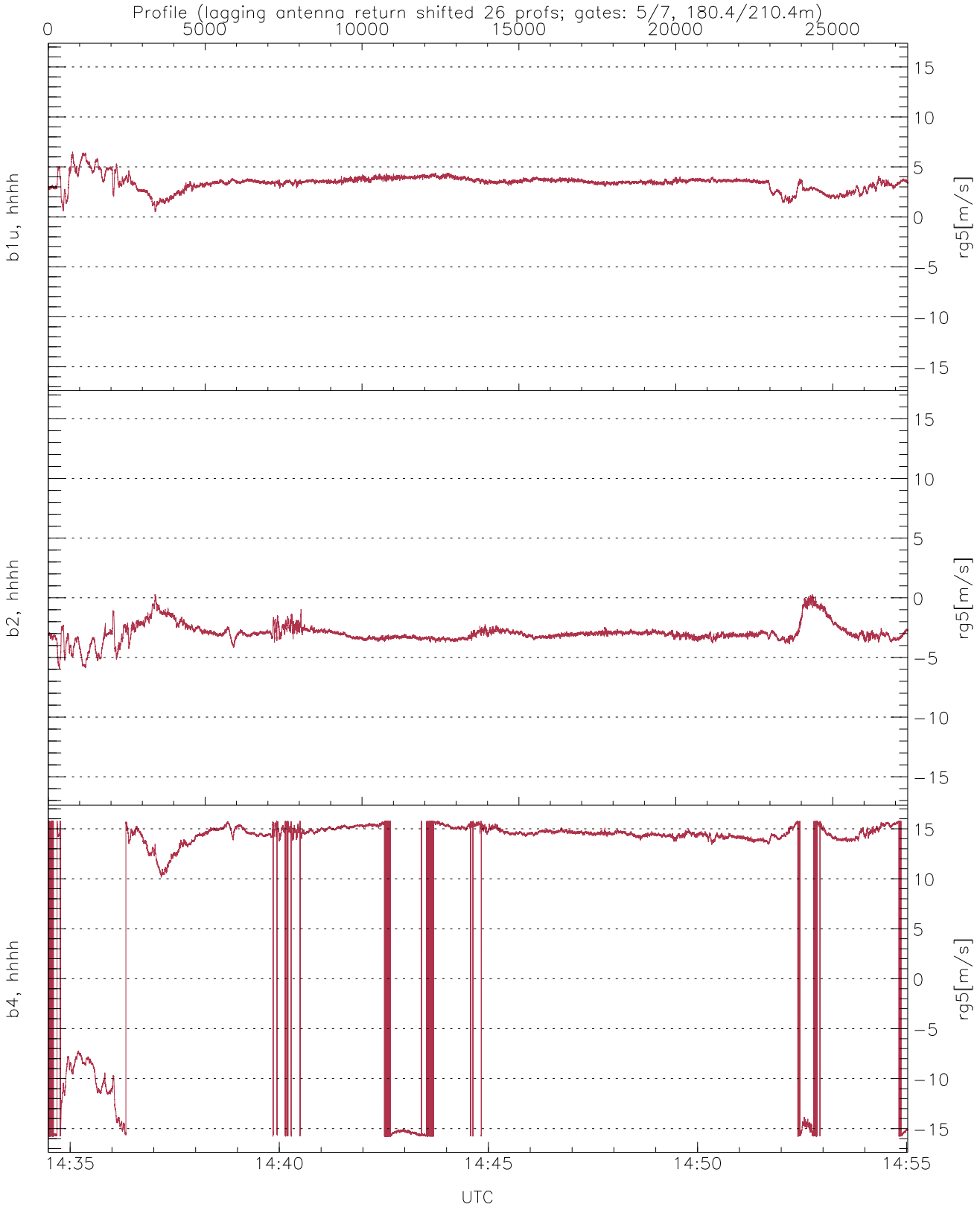
	Min	Max	Mean
up(hh[dBm])	-30.03	-13.47	-19.32
down(hh[dBm])	-28.57	-11.47	-18.85
down-fore(hh[dBm])	-32.42	-16.14	-23.05





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

	Min	Max	Mean
up/down(dB)	-8.32	8.33	-0.42
down/down-fore(dB)	0.52	10.88	5.40



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.47	6.52	3.42	0.73
b2, hhhh(rg5[m/s])	-5.93	0.30	-2.97	0.75
b4, hhhh(rg5[m/s])	-15.79	15.79	9.96	10.38