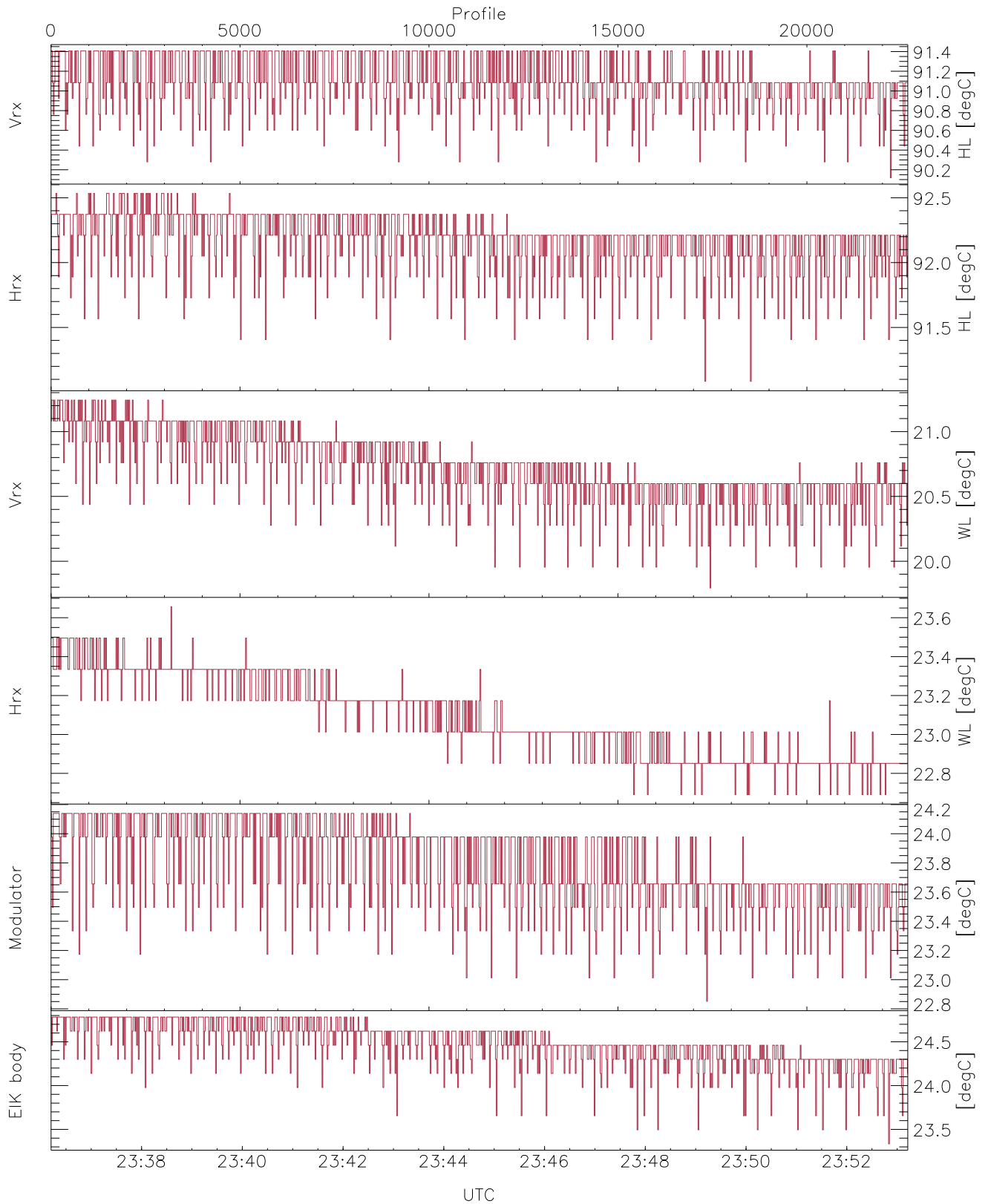


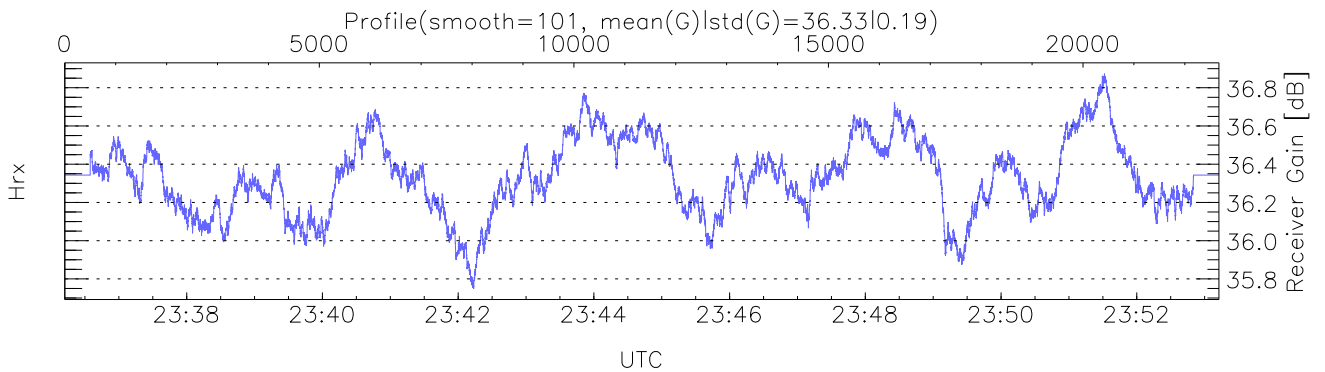
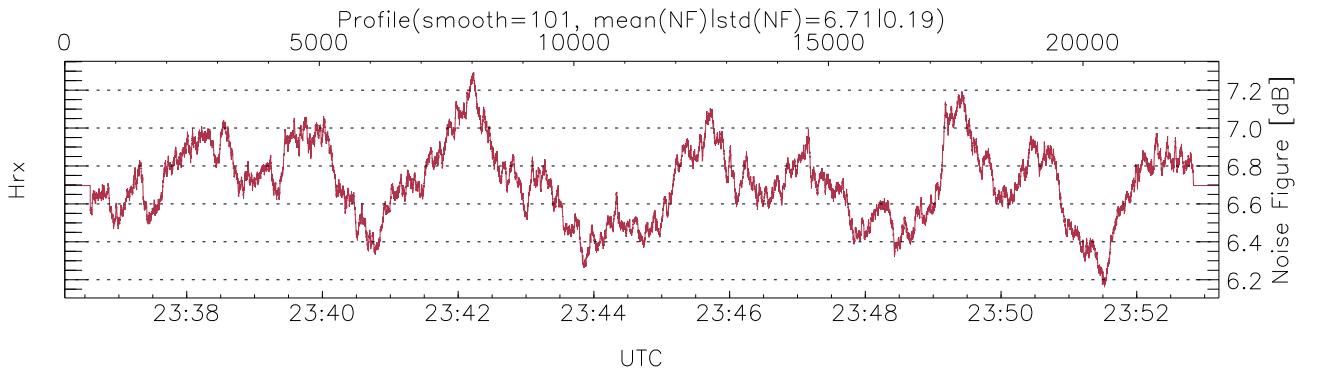
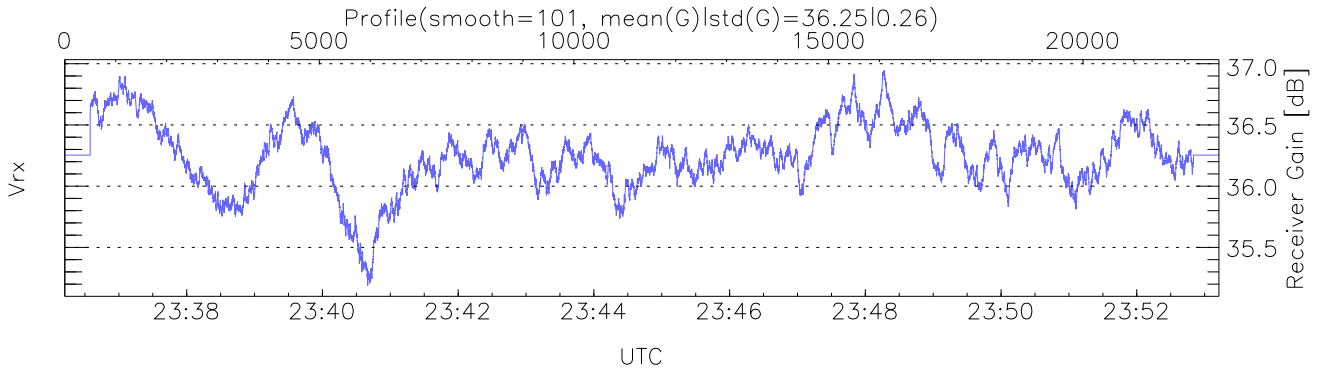
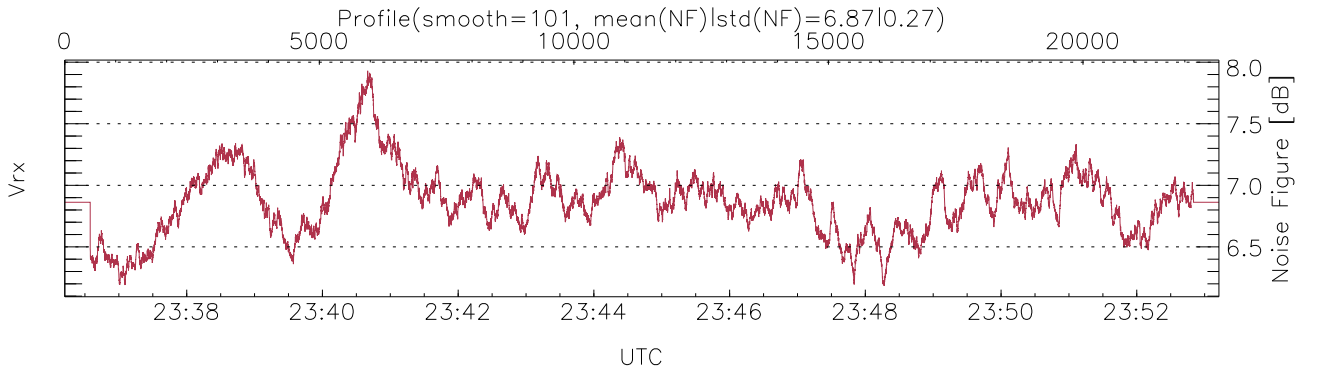
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:36:12-23:53:13, TimeCor: 0.00s, Dur: 1020.45s
 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): 22672/22672, 0-22671/23:36:12-23:53:13
 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 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



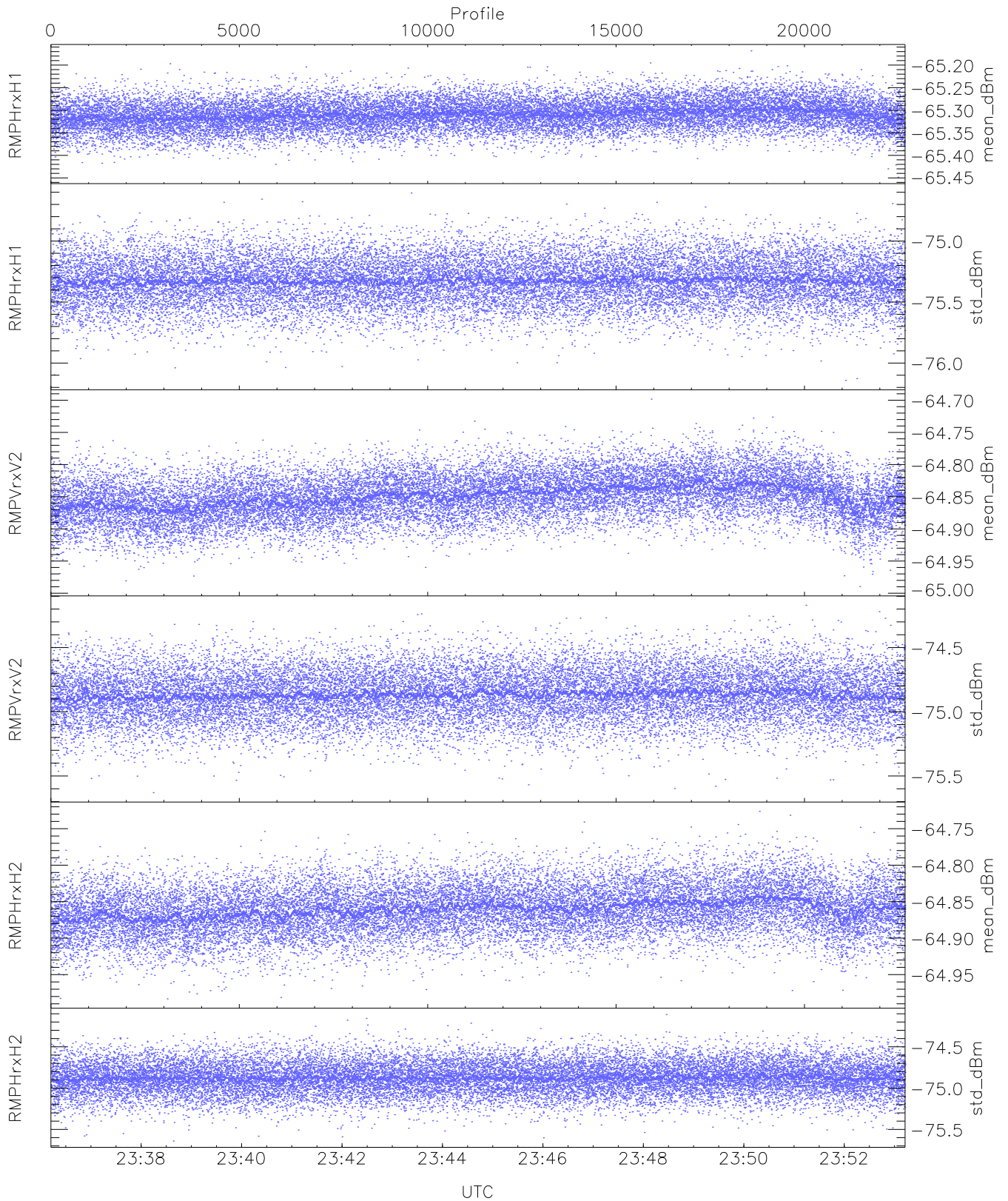
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,19,22,22,23
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,21,23,24,24
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK/Modulator Faults: None



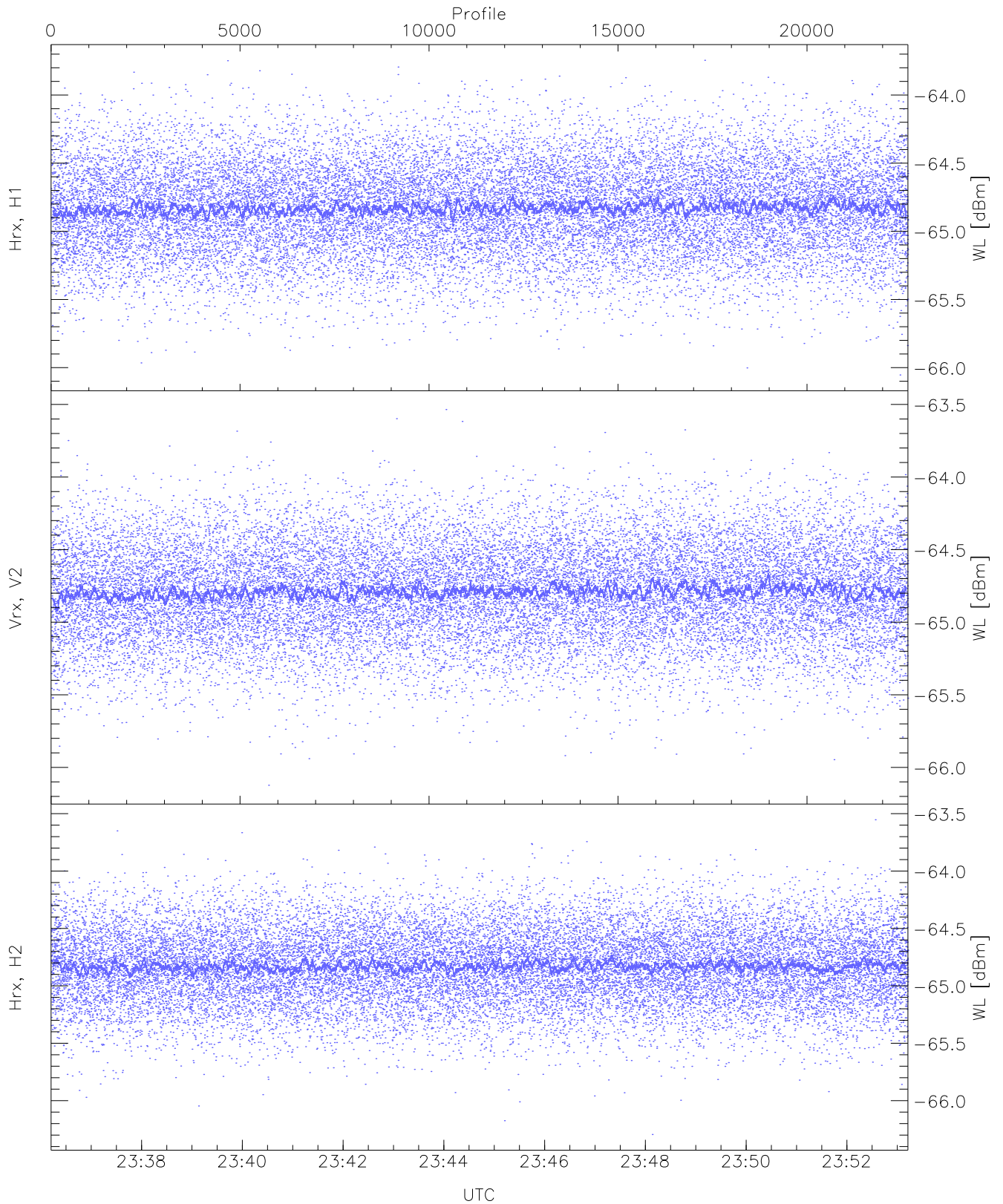
WCR3 CPP Receivers Gain and Noise Figure

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



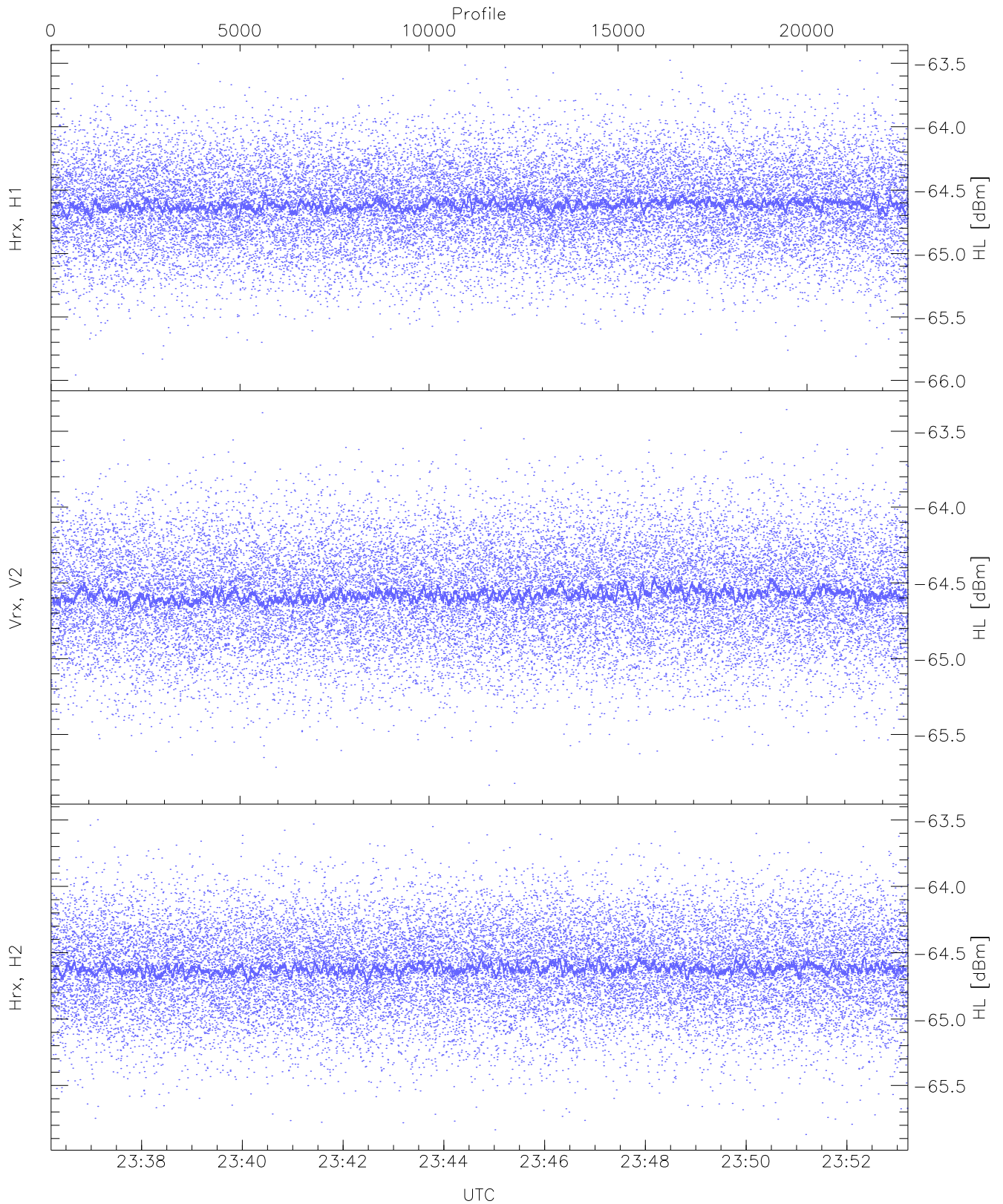
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.45	-65.17	-65.31	-65.31	-86.84
RMPHrxH1 (std_dBm)	-76.14	-74.61	-75.33	-75.33	-89.10
RMPVrxV2 (mean_dBm)	-64.99	-64.70	-64.85	-64.85	-86.03
RMPVrxV2 (std_dBm)	-75.63	-74.17	-74.87	-74.87	-88.64
RMPHrxH2 (mean_dBm)	-64.98	-64.73	-64.86	-64.86	-86.29
RMPHrxH2 (std_dBm)	-75.64	-74.11	-74.88	-74.88	-88.66



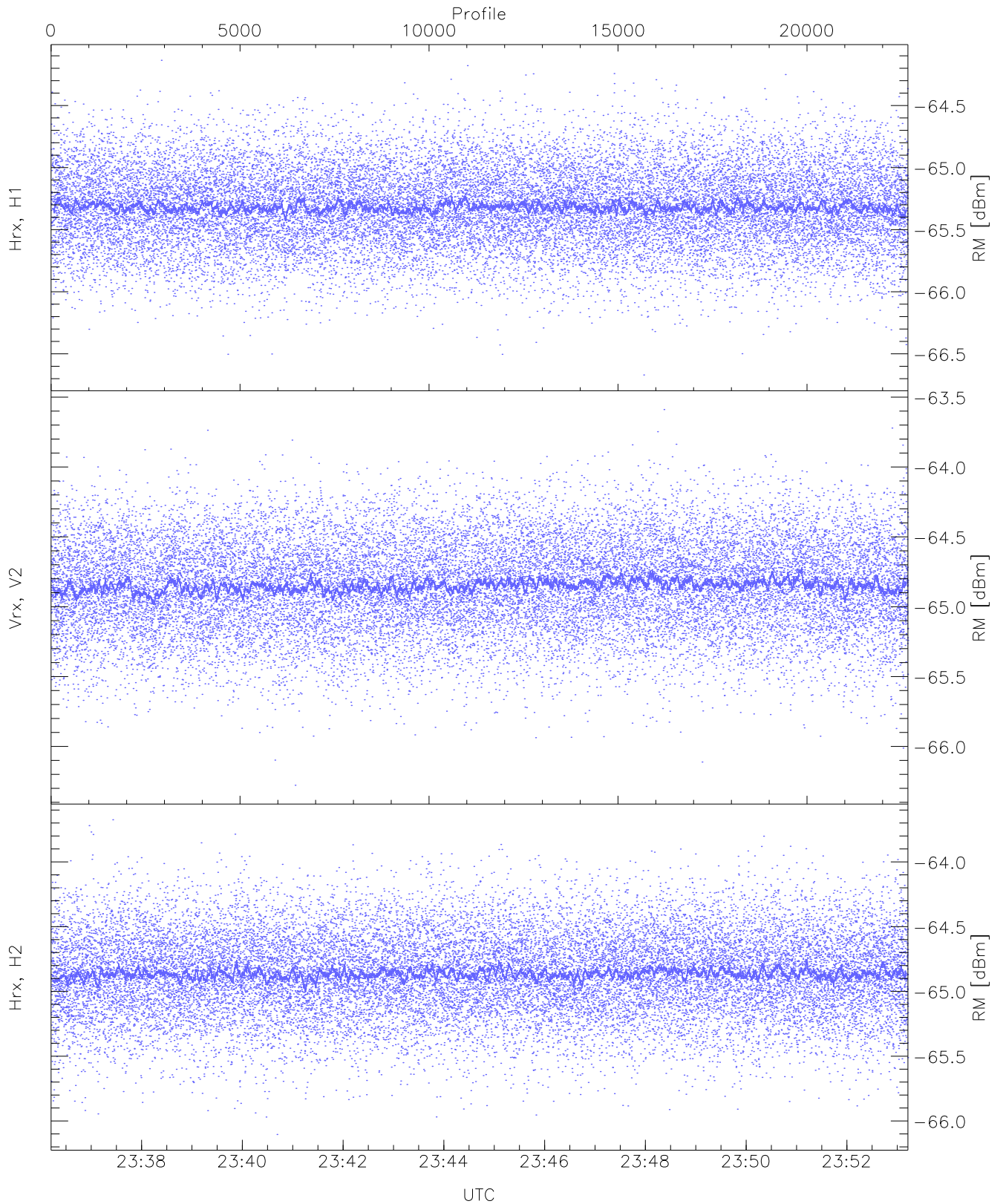
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.05	-63.75	-64.82	-64.83	-76.29
Vrx, V2 (WL [dBm])	-66.12	-63.54	-64.78	-64.79	-76.28
Hrx, H2 (WL [dBm])	-66.29	-63.55	-64.82	-64.83	-76.36



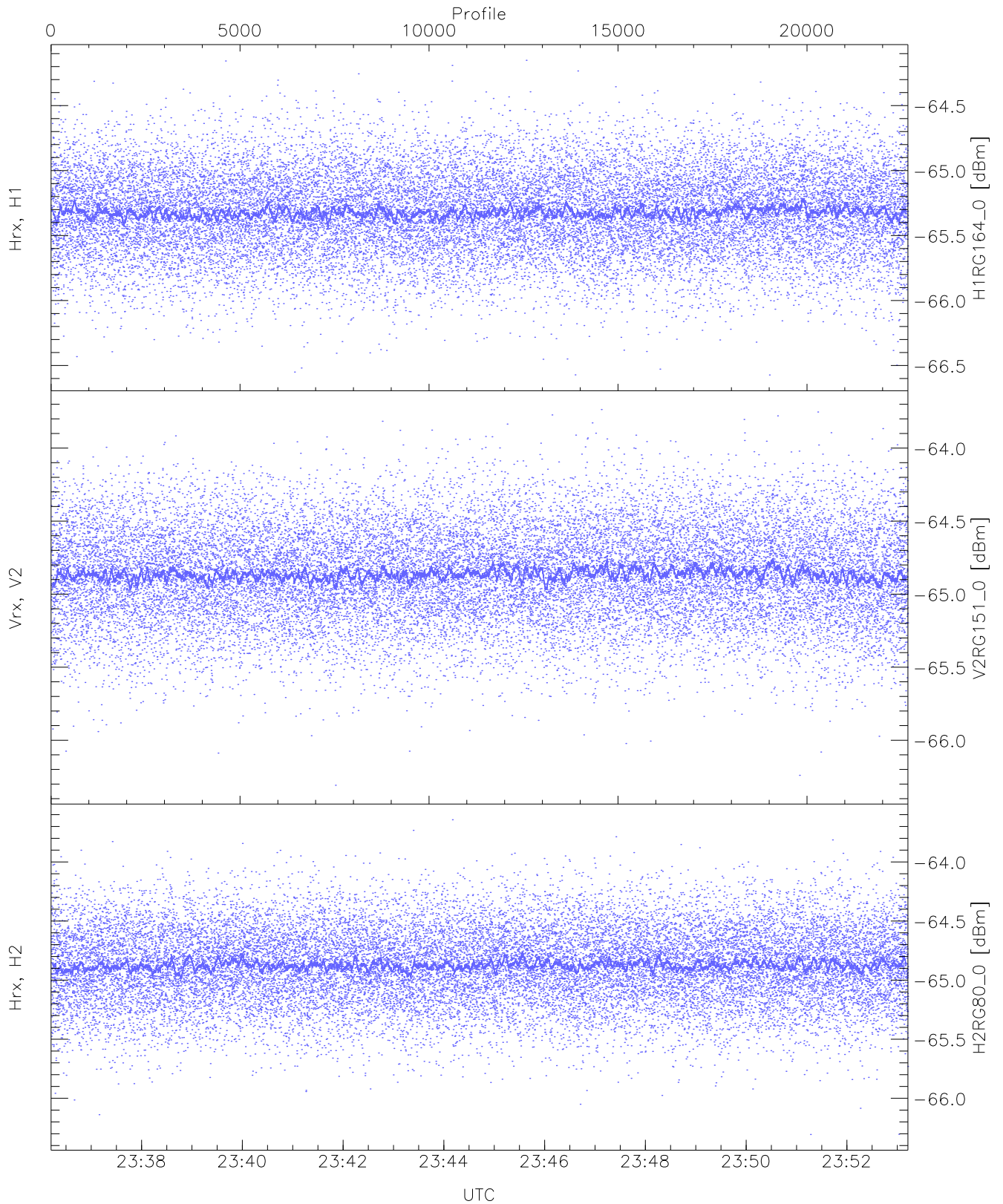
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.96	-63.48	-64.61	-64.62	-76.08
Vrx, V2 (HL [dBm])	-65.83	-63.36	-64.57	-64.58	-76.08
Hrx, H2 (HL [dBm])	-65.87	-63.50	-64.61	-64.62	-76.09



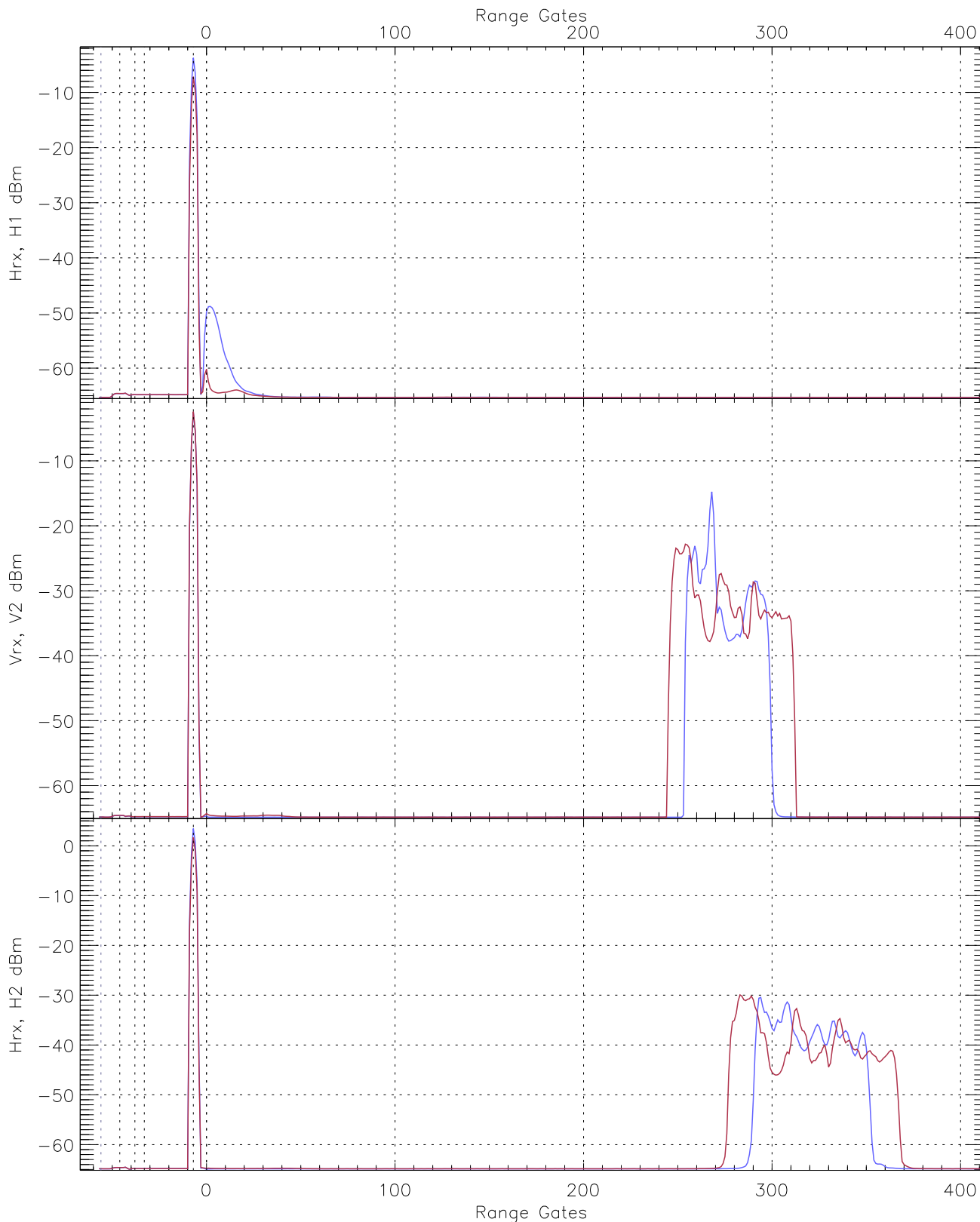
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.67	-64.14	-65.31	-65.32	-76.82
Vrx, V2 (RM [dBm])	-66.28	-63.59	-64.84	-64.85	-76.29
Hrx, H2 (RM [dBm])	-66.10	-63.67	-64.86	-64.86	-76.35

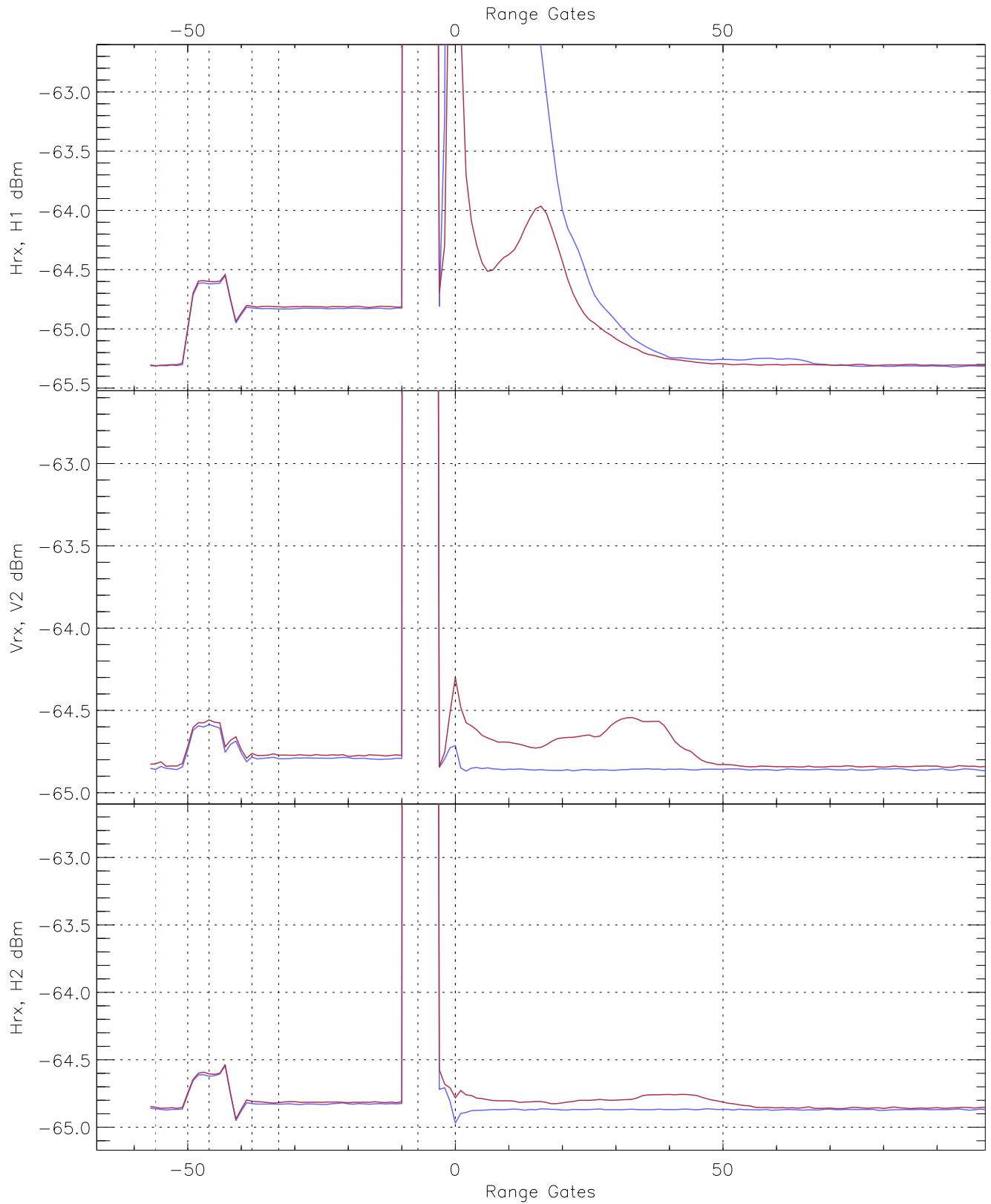


WCR3 CPP "Best" estimate Receivers Noise Power

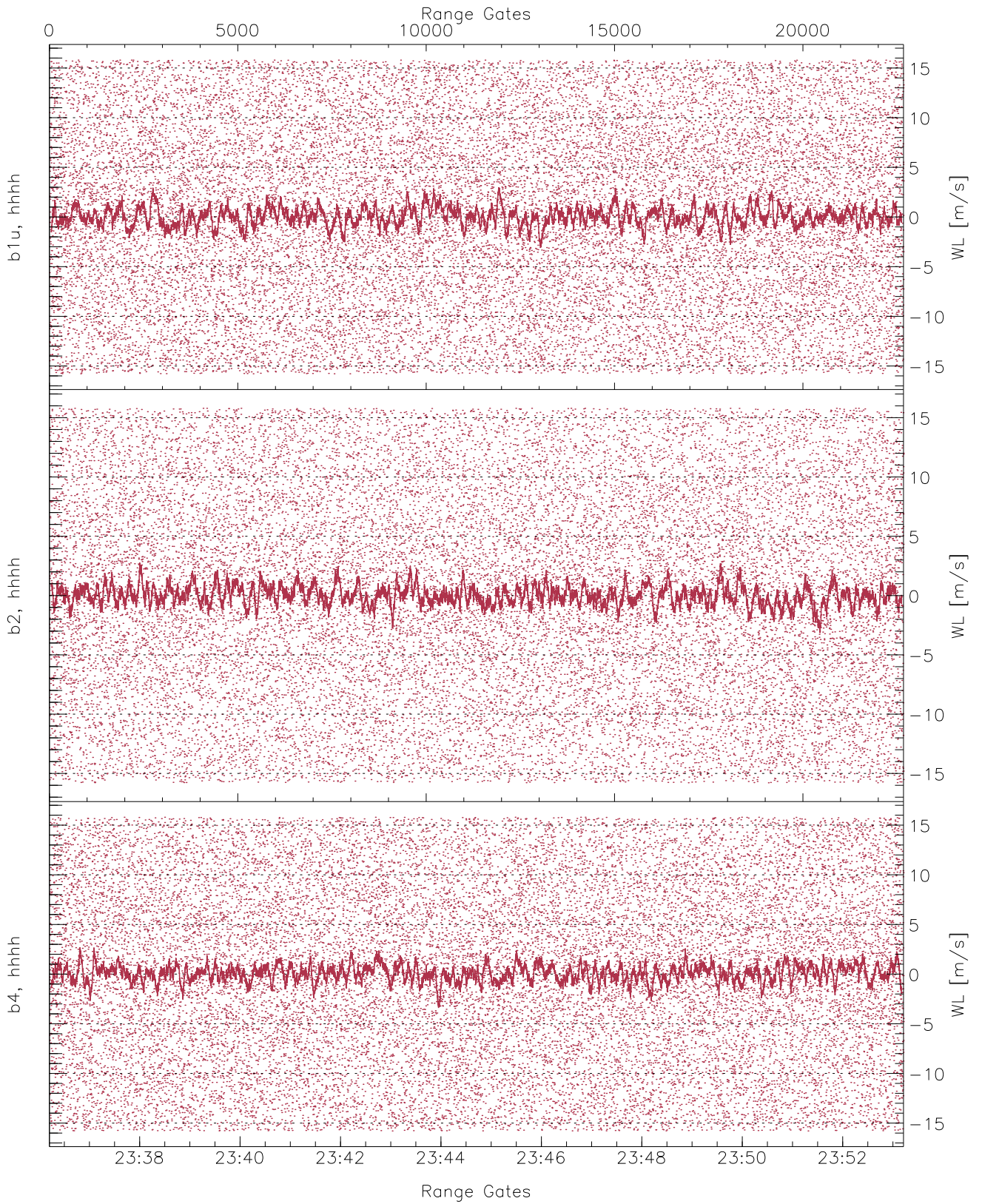
	Min	Max	Mean	Median	StDev
H1RG164_0 [dBm]	-66.57	-64.15	-65.32	-65.32	-76.84
V2RG151_0 [dBm]	-66.31	-63.74	-64.86	-64.86	-76.36
H2RG80_0 [dBm]	-66.31	-63.64	-64.87	-64.88	-76.37



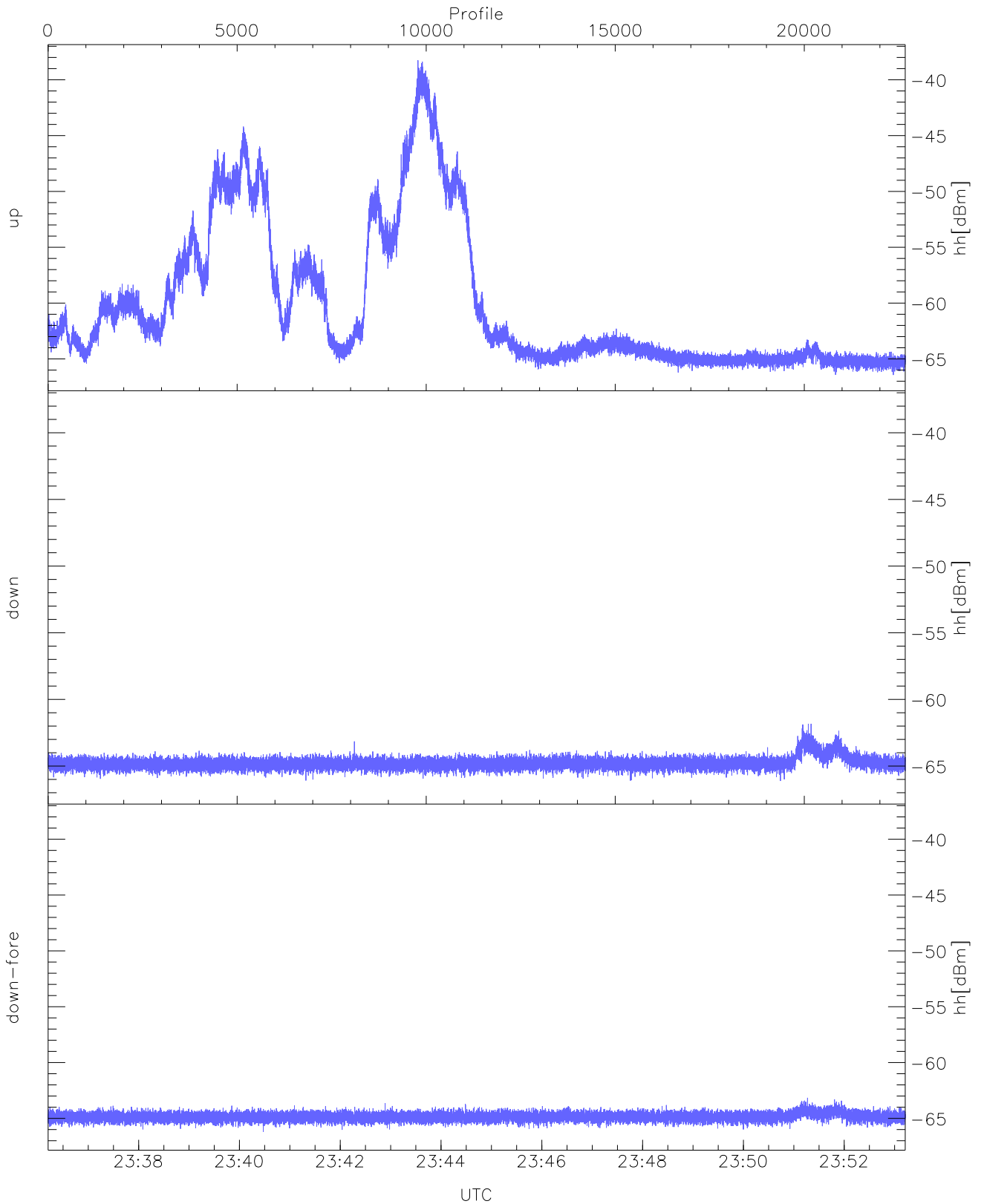
WCR3 CPP Averaged Received power for all recorded gates
blue: 233612-234442, 11337 profiles averaged
red: 234442-235313, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 233612-234442, 11337 profiles averaged
red: 234442-235313, 11336 profiles averaged

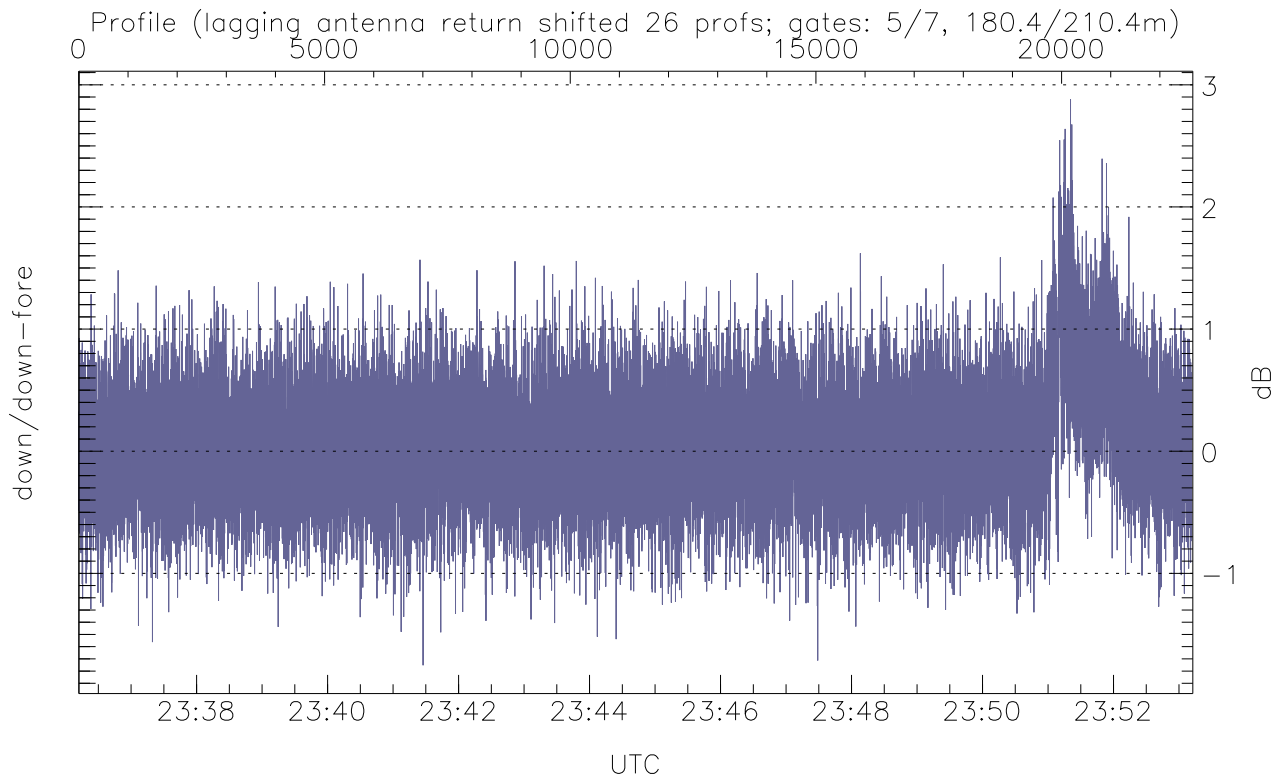
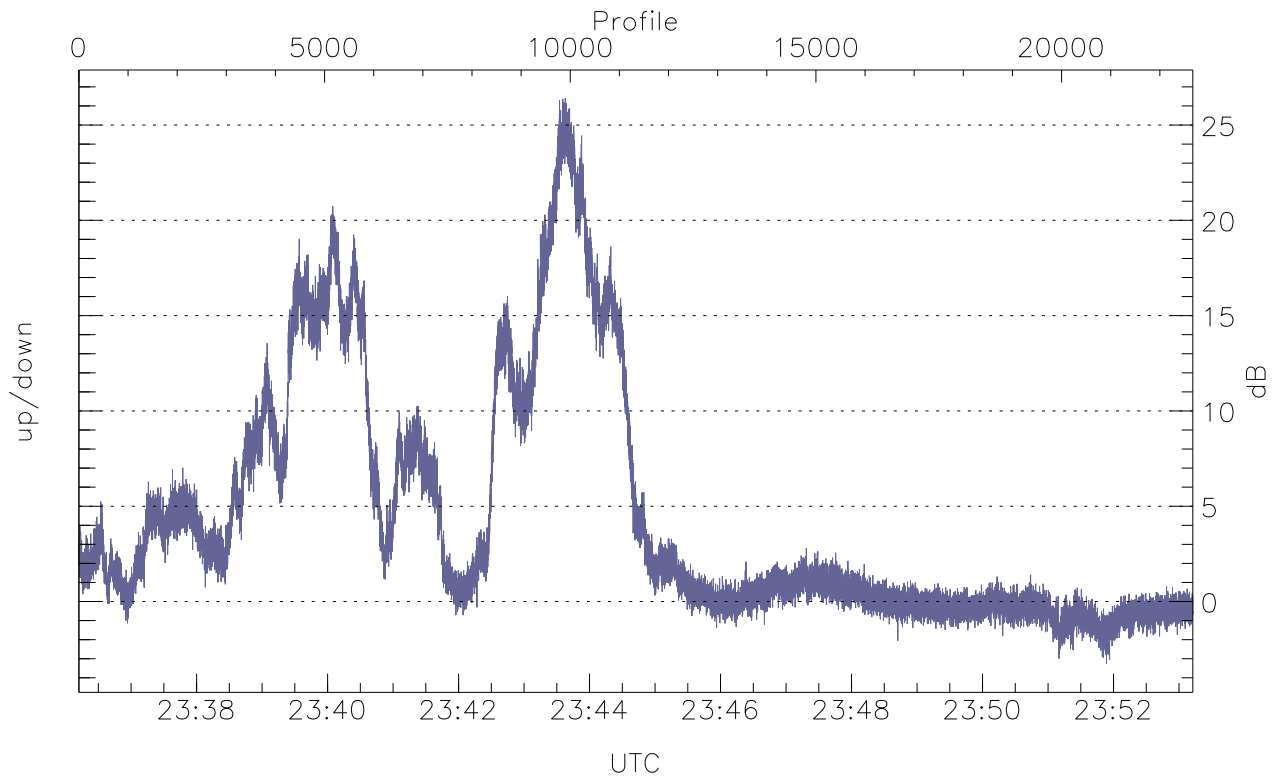


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



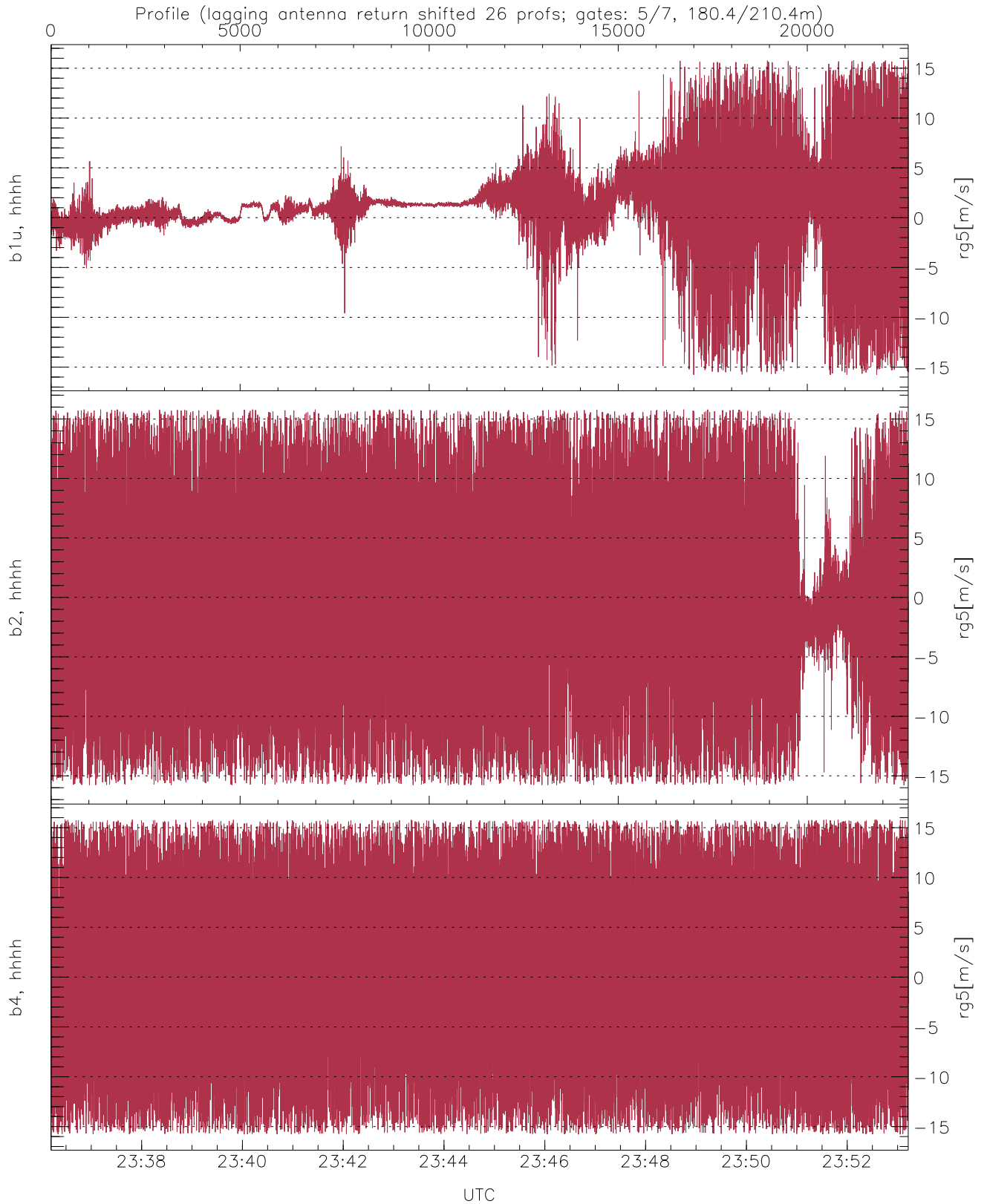
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.44	-38.26	-53.61
down(hh[dBm])	-66.12	-61.83	-64.75
down-fore(hh[dBm])	-66.21	-63.16	-64.83



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

	Min	Max	Mean
up/down (dB)	-3.28	26.40	4.52
down/down-fore (dB)	-1.75	2.88	0.07



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	1.14	3.79
b2, hhhh(rg5[m/s])	-15.79	15.79	-0.15	8.10
b4, hhhh(rg5[m/s])	-15.78	15.79	-0.45	8.89