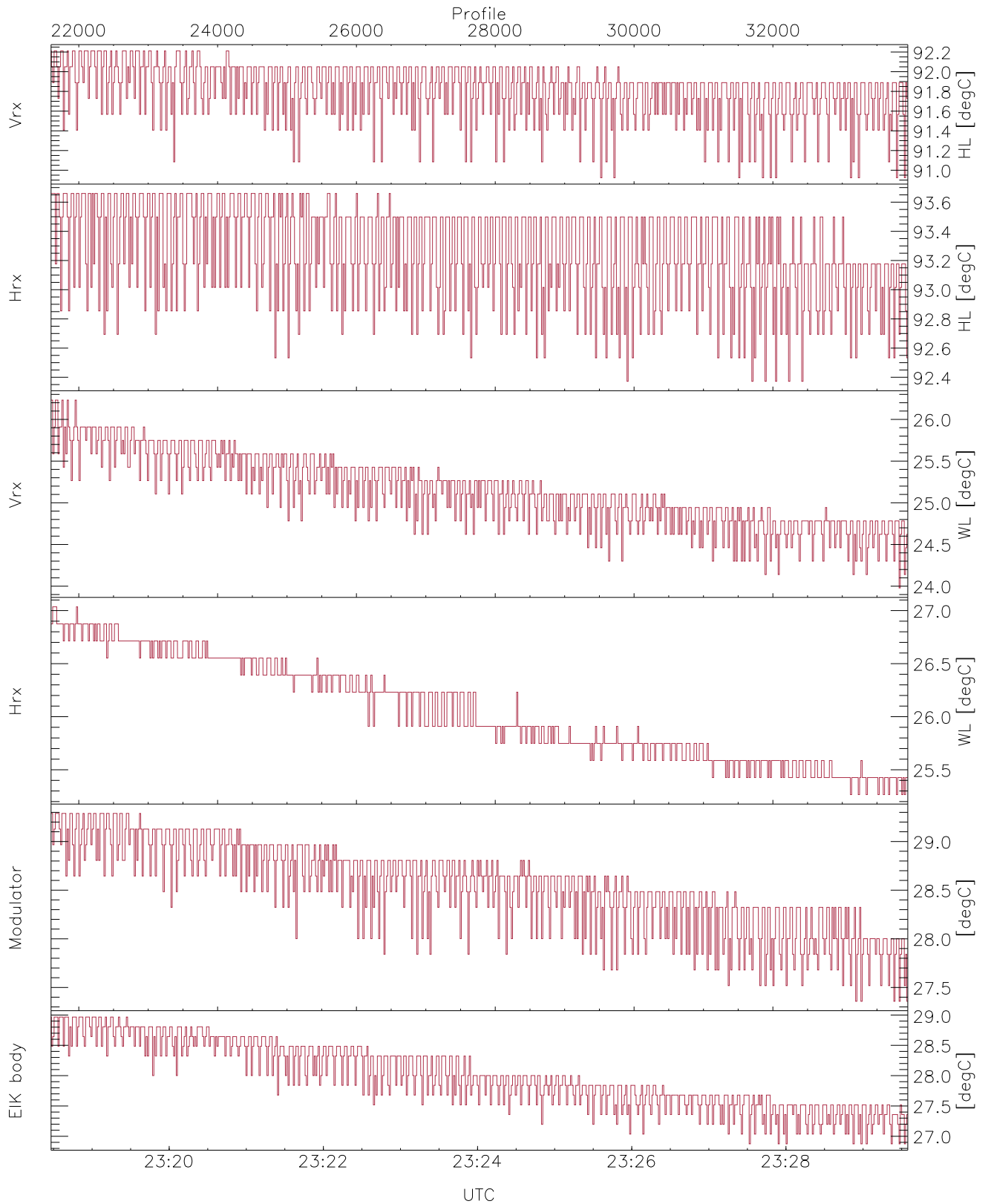


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

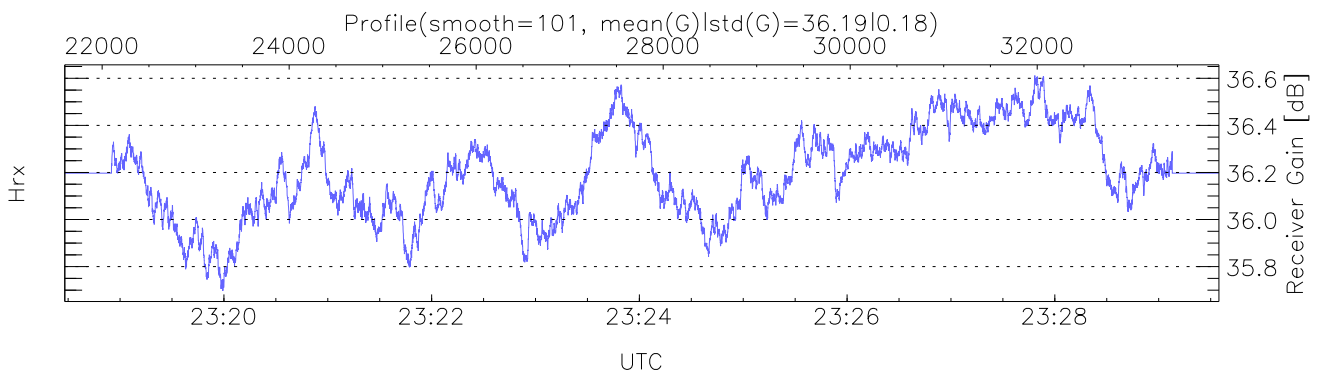
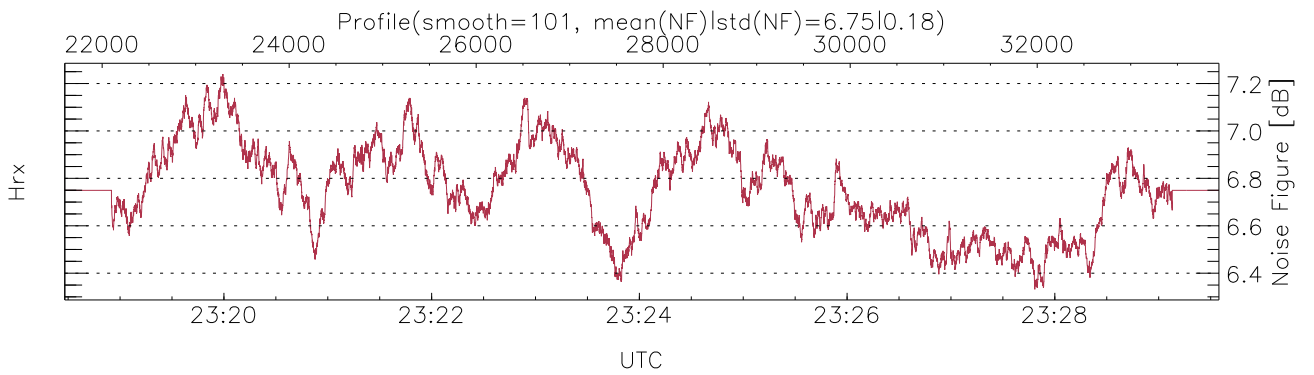
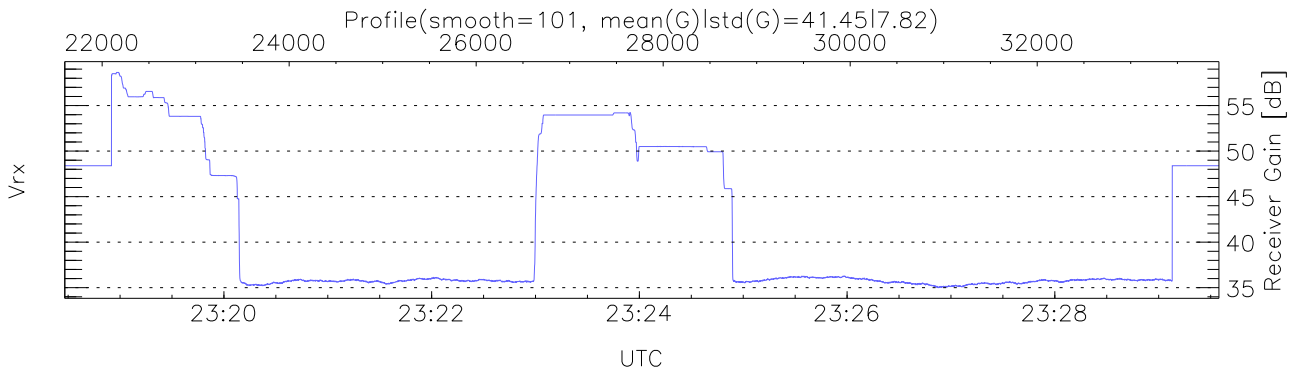
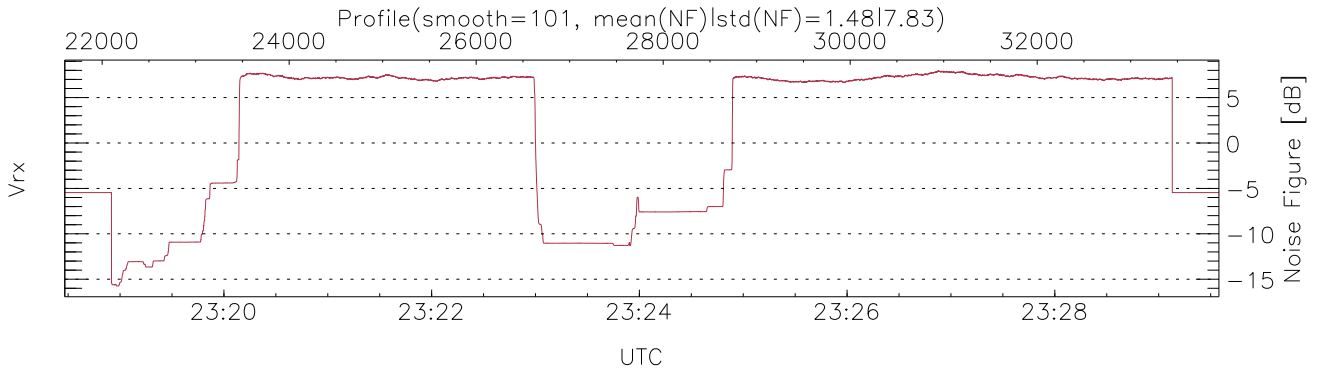
UTC: 22:59:01-23:29:35, TimeCor: 0.00s, Dur: 666.74s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 18.5,18.5,18.5
 NumRec(r/t): 12345/33945, 21600-33944/23:18:28-23:29:35
 AcqTime: 54.0ms, Rate: 0.273MB/s, Averages (req.,actual): 180,180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H2 H2 H2 V2 V2 V2
 PRF: 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: 3.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



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

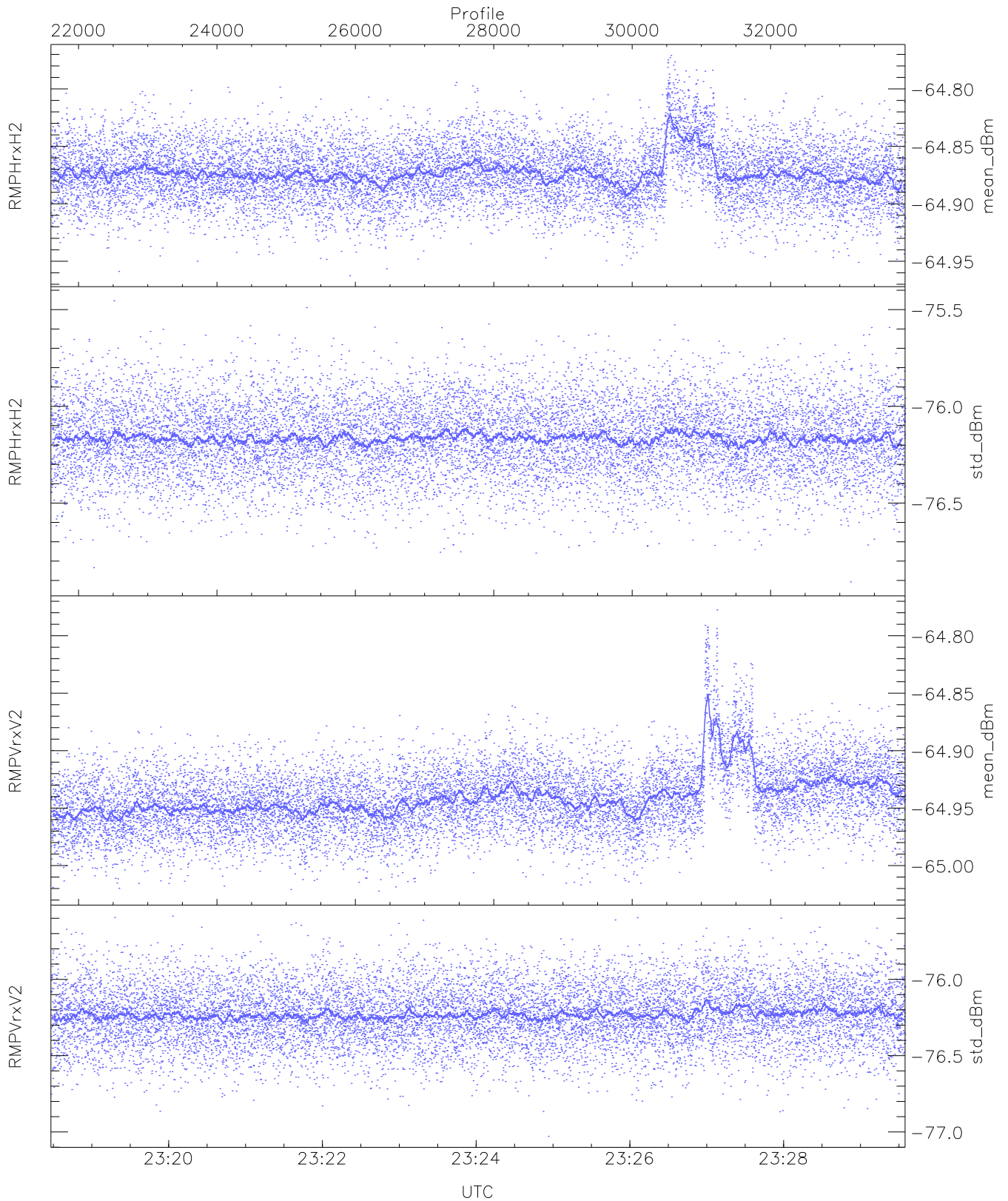
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,25,27,26
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,27,29,28
 LOalarm(20,240,2817,14861 MHz): None

EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (18,18,18,18,18,18)



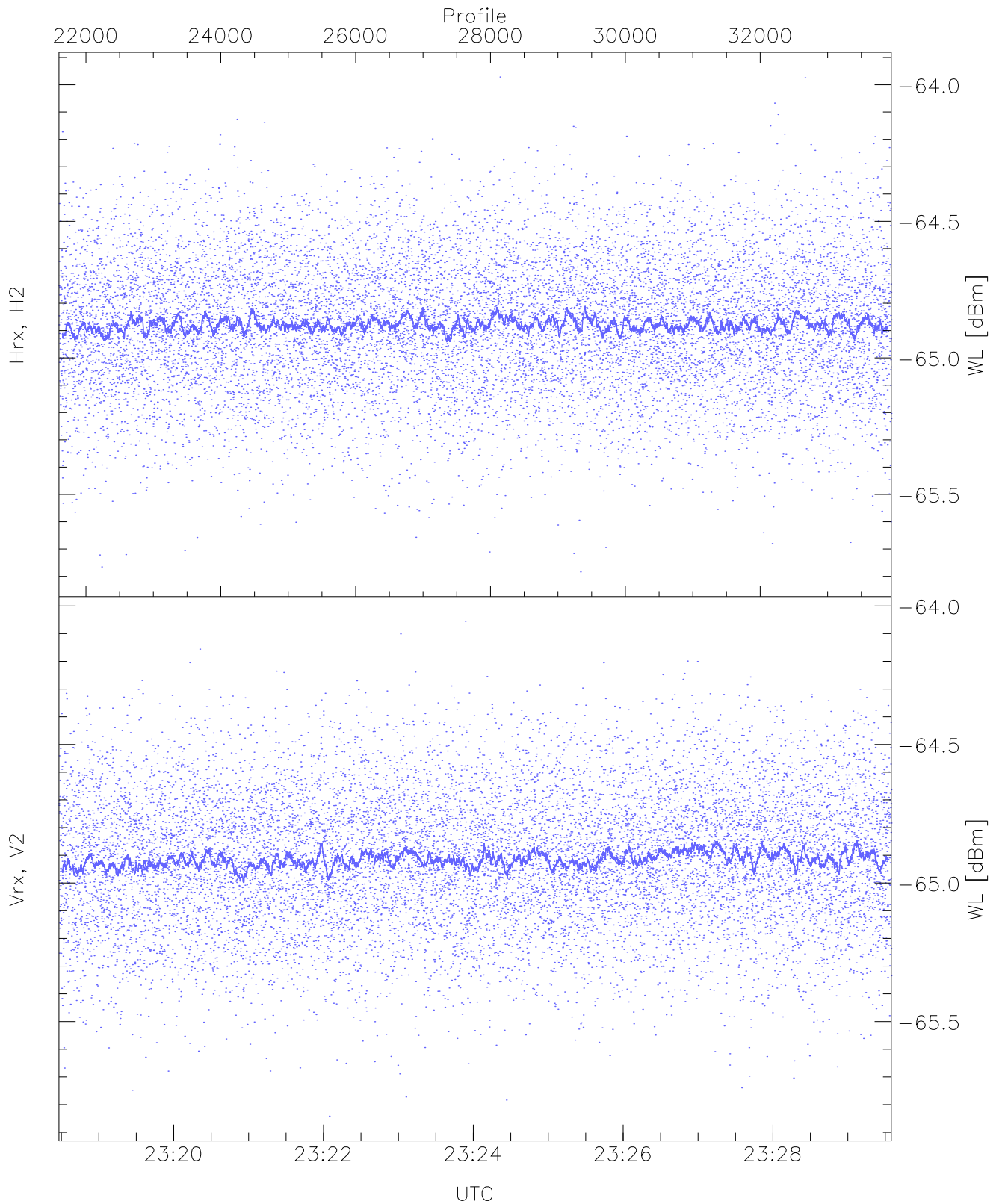
WCR3 CPP Receivers Gain and Noise Figure

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



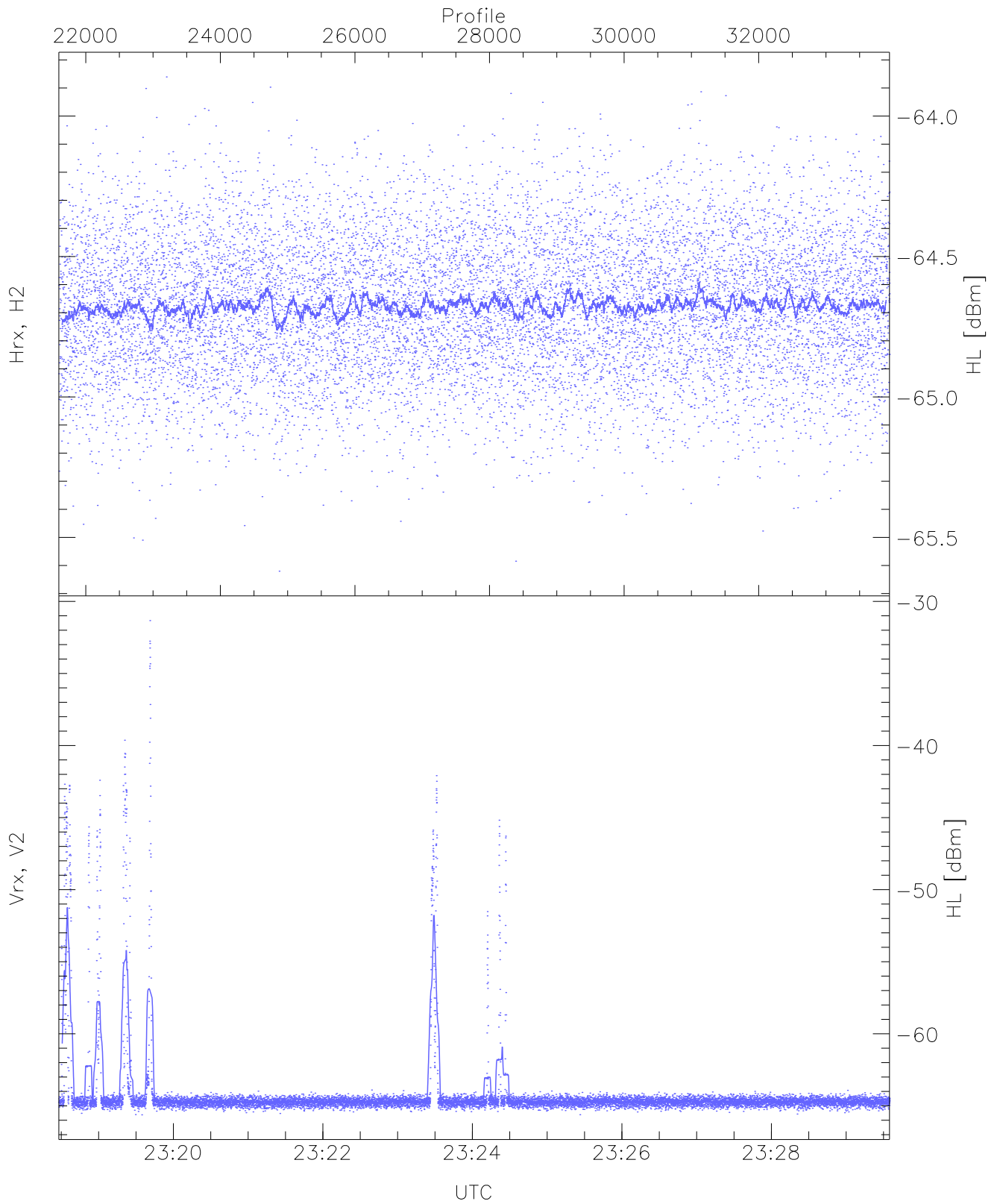
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH2(mean_dBm)	-64.96	-64.77	-64.87	-64.87	-87.39
RMPHrxH2(std_dBm)	-76.91	-75.45	-76.16	-76.17	-90.01
RMPVrxV2(mean_dBm)	-65.02	-64.78	-64.94	-64.94	-86.81
RMPVrxV2(std_dBm)	-77.03	-75.59	-76.23	-76.23	-90.00



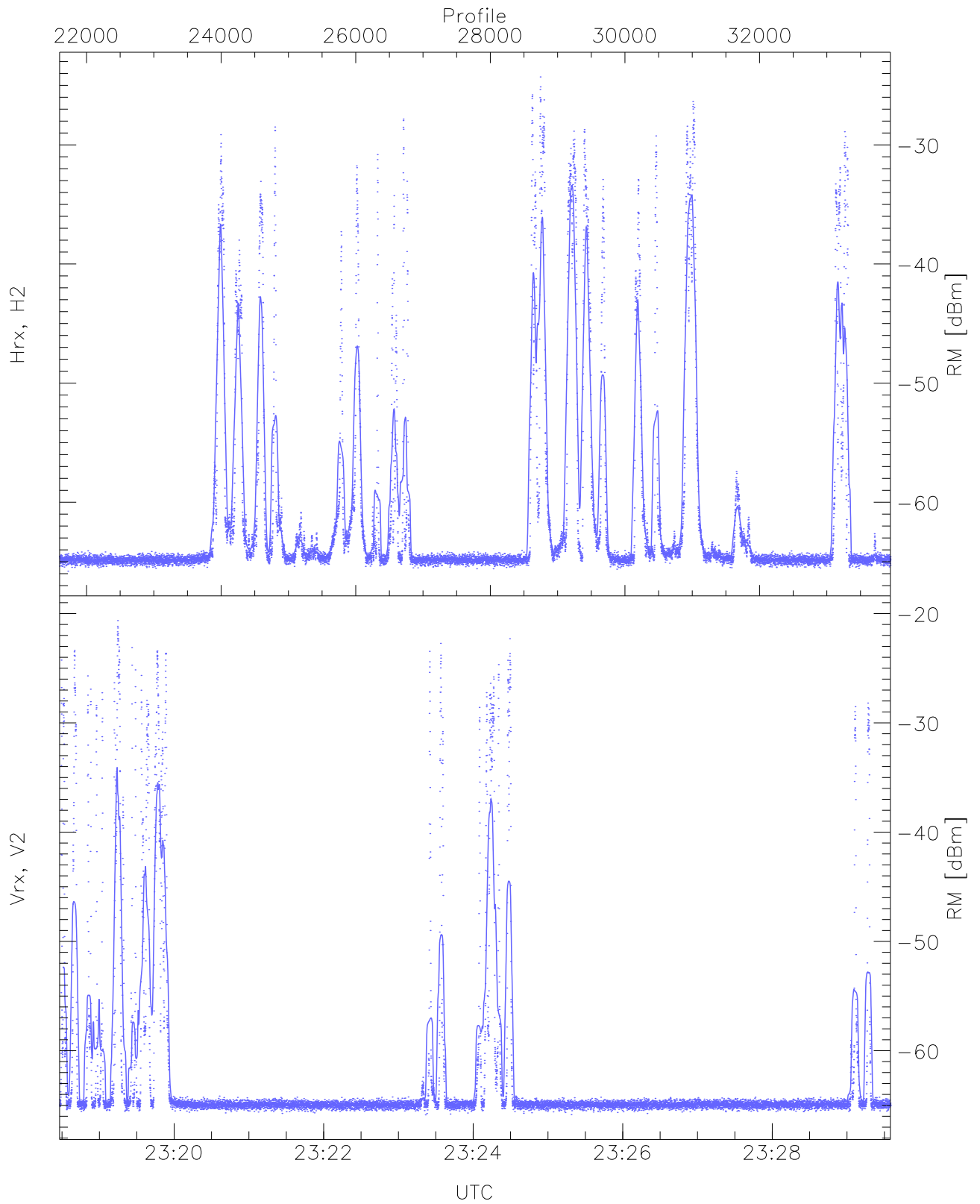
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H2(WL [dBm])	-65.78	-63.97	-64.87	-64.88	-77.63
Vrx, V2(WL [dBm])	-65.84	-64.06	-64.91	-64.91	-77.63



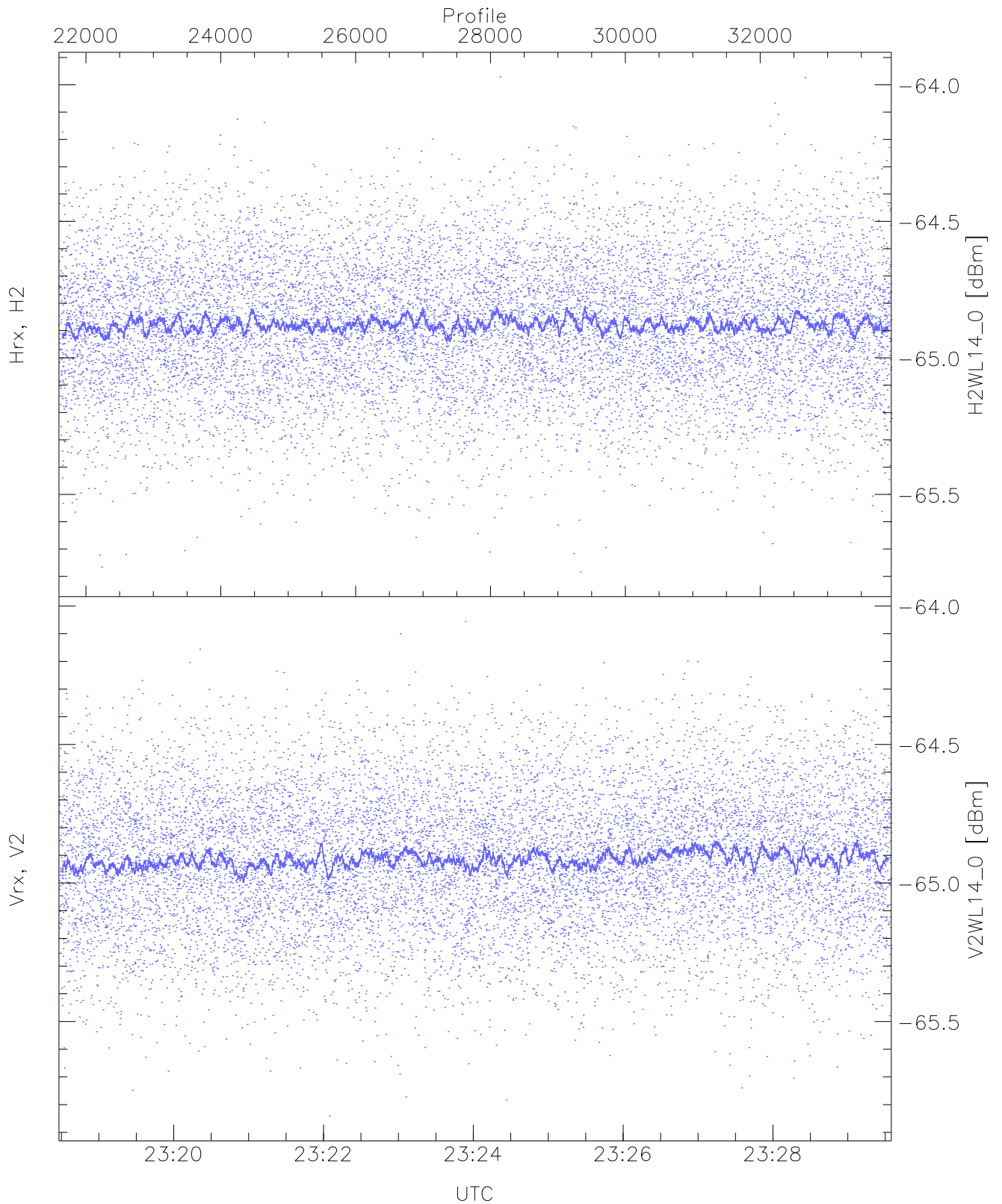
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H2(HL [dBm])	-65.62	-63.86	-64.67	-64.68	-77.42
Vrx, V2(HL [dBm])	-65.62	-31.33	-59.19	-64.72	-48.75



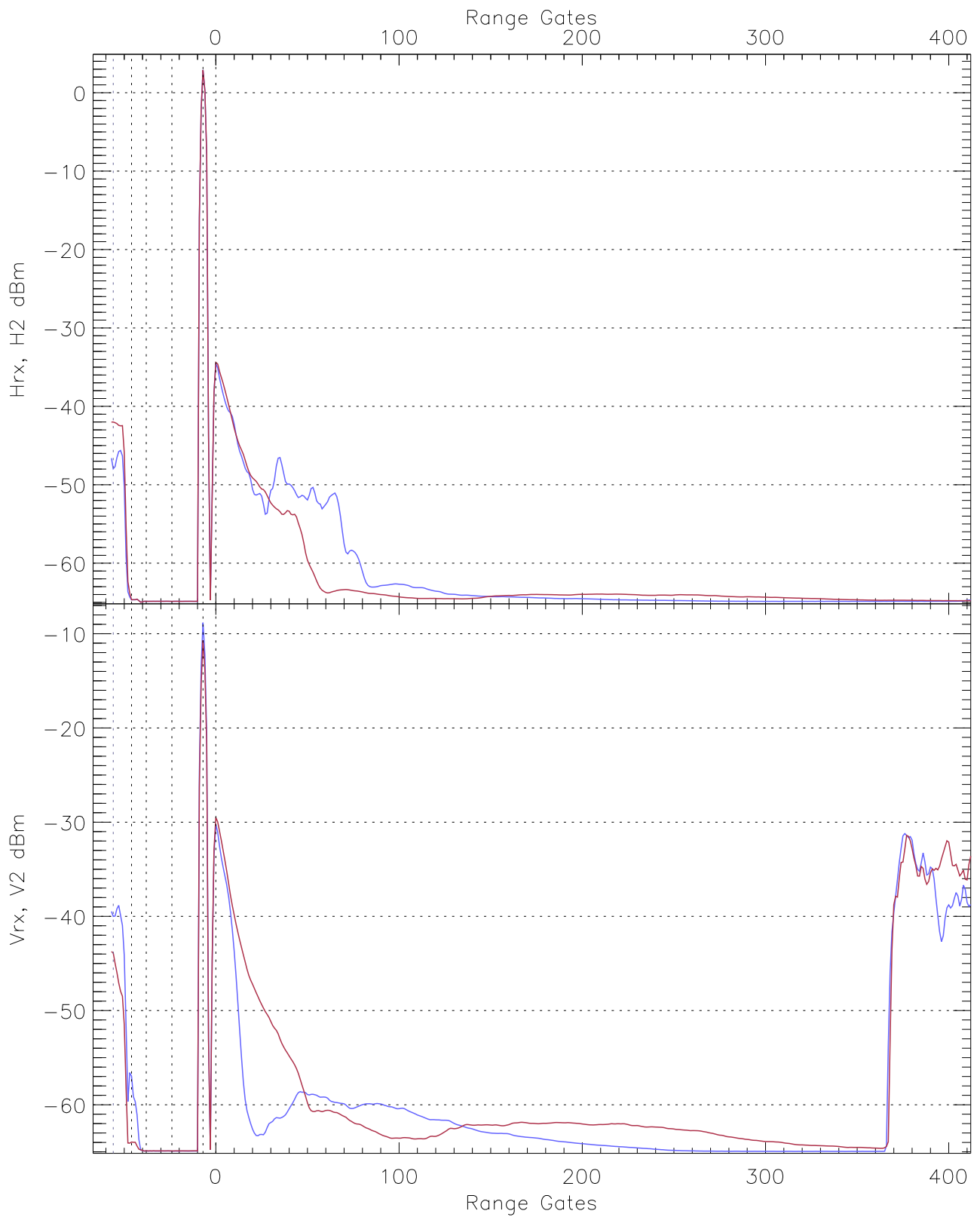
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H2(RM [dBm])	-65.79	-24.30	-44.03	-64.58	-37.40
Vrx, V2(RM [dBm])	-65.87	-20.64	-41.53	-64.88	-33.70

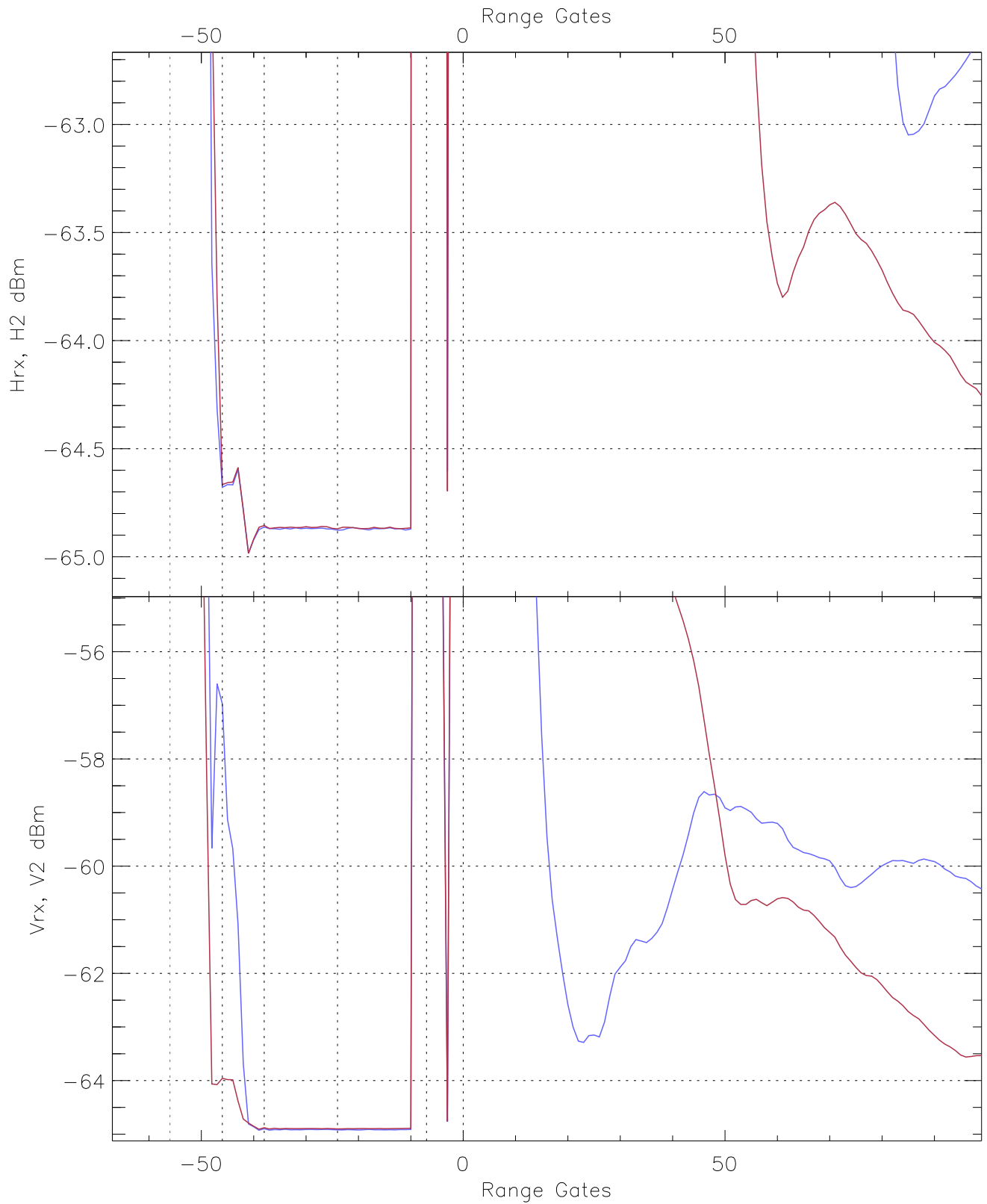


WCR3 CPP "Best" estimate Receivers Noise Power

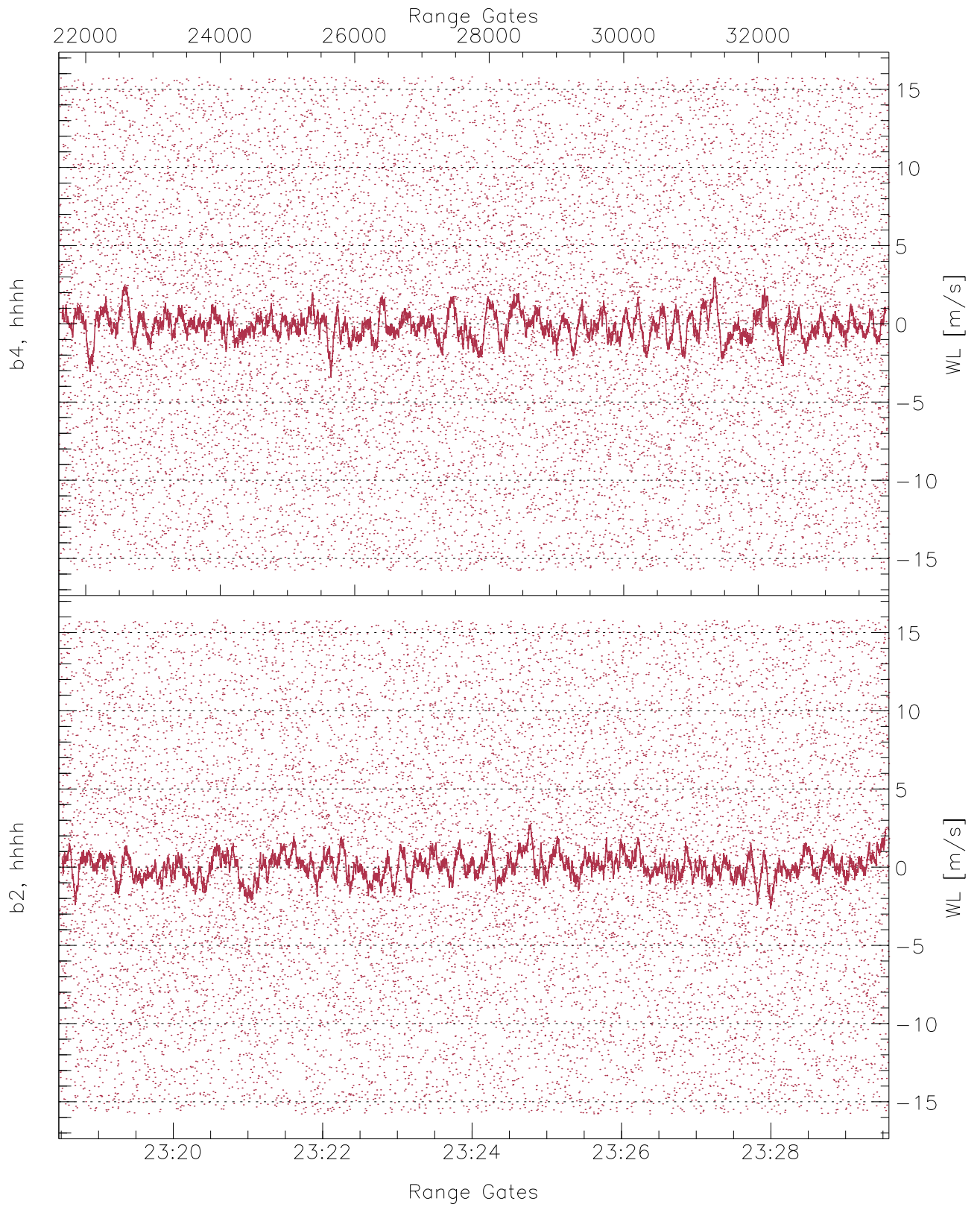
	Min	Max	Mean	Median	StDev
H2WL14_0 [dBm]	-65.78	-63.97	-64.87	-64.88	-77.63
V2WL14_0 [dBm]	-65.84	-64.06	-64.91	-64.91	-77.63



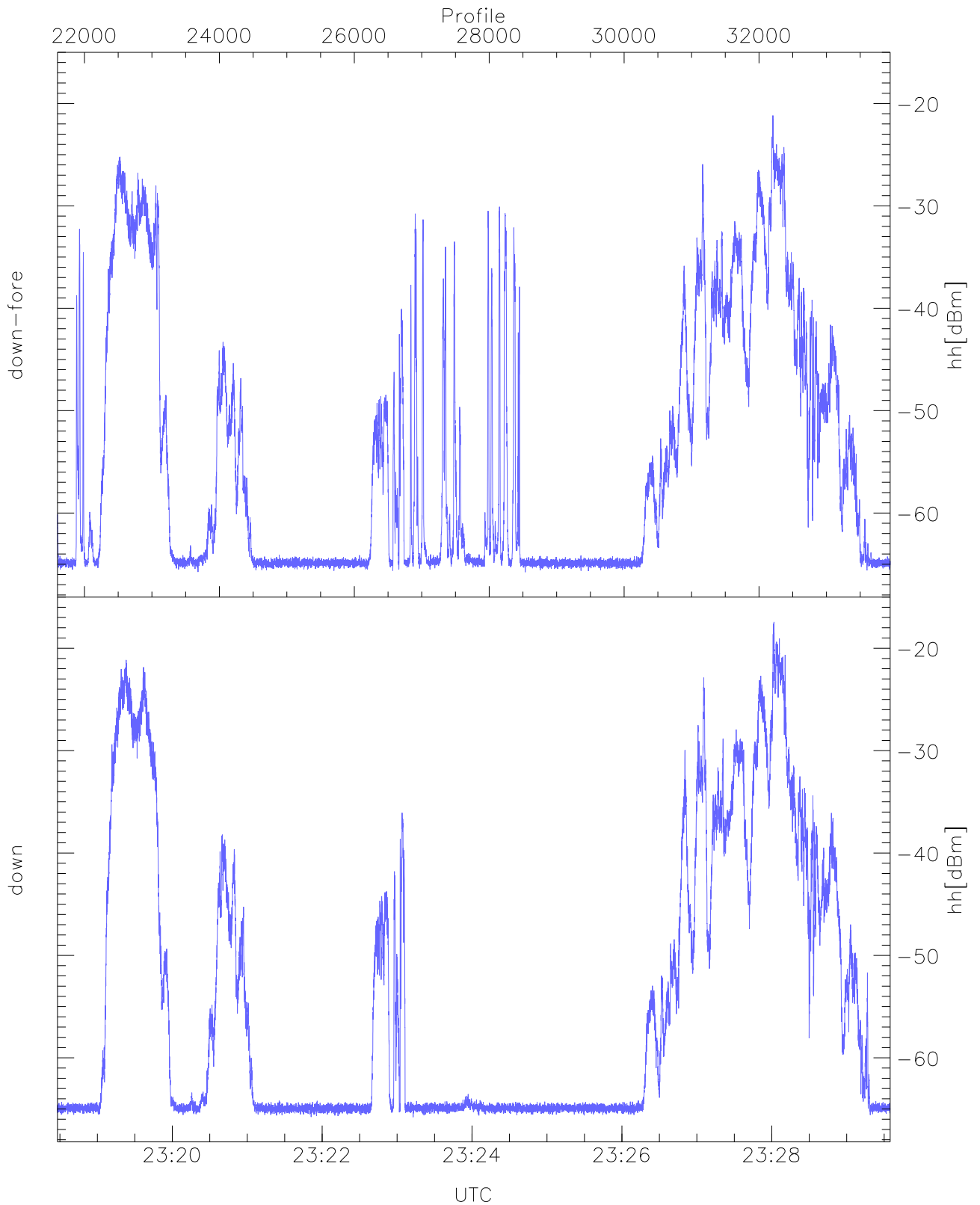
WCR3 CPP Averaged Received power for all recorded gates
blue: 231828-232401, 6173 profiles averaged
red: 232401-232935, 6173 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 231828-232401, 6173 profiles averaged
red: 232401-232935, 6173 profiles averaged

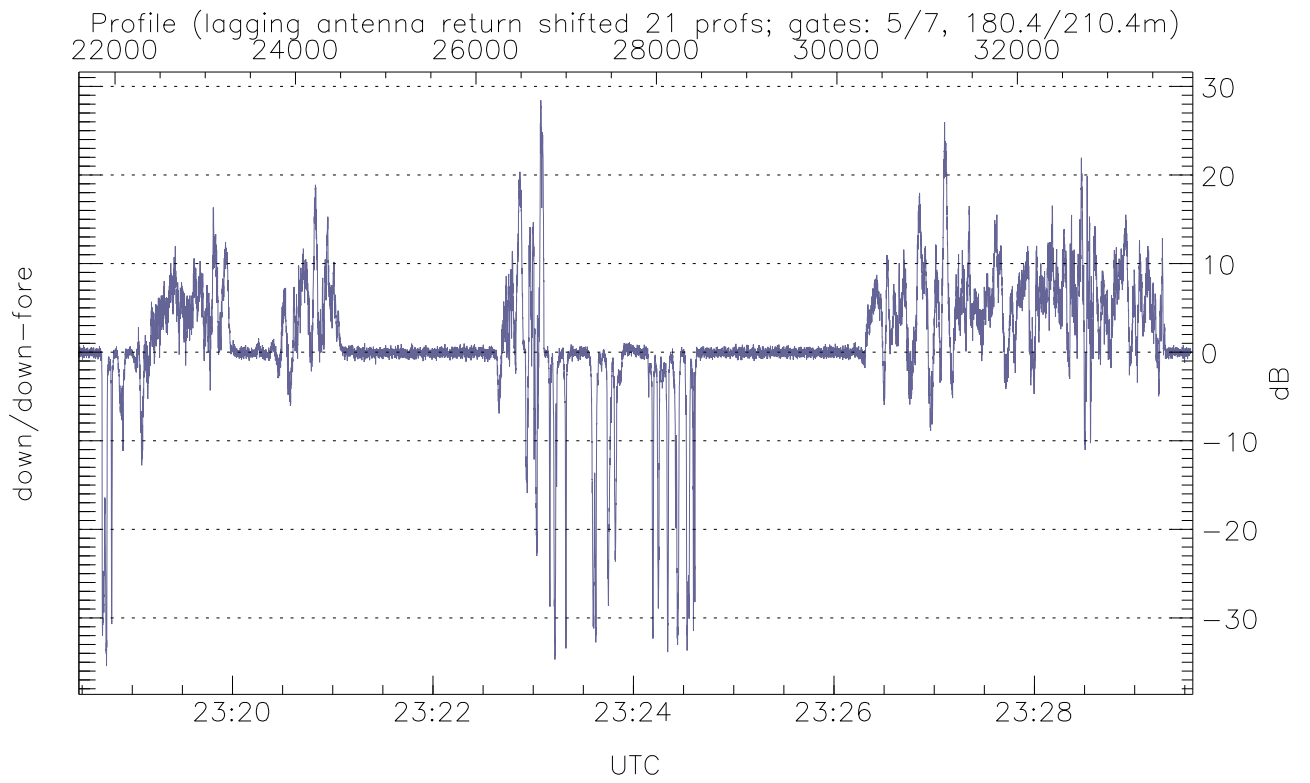


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



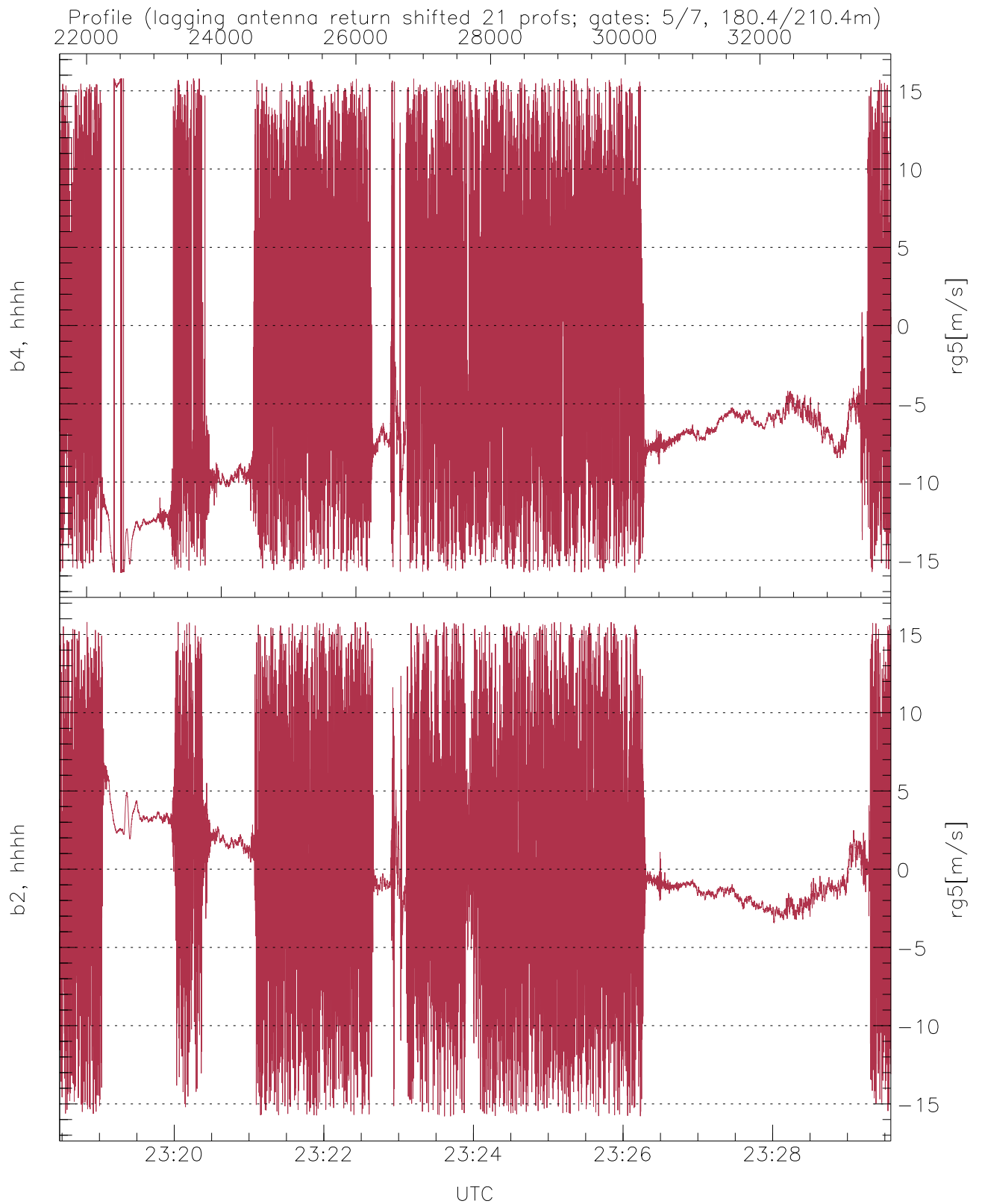
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
down-fore(hh[dBm])	-65.77	-21.17	-38.59
down(hh[dBm])	-65.79	-17.42	-34.86



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

	Min	Max	Mean
down/down-fore(dB)	-35.44	28.43	1.28



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b4, hhhh(rg5[m/s])	-15.79	15.79	-3.65	7.81
b2, hhhh(rg5[m/s])	-15.79	15.79	0.04	6.12