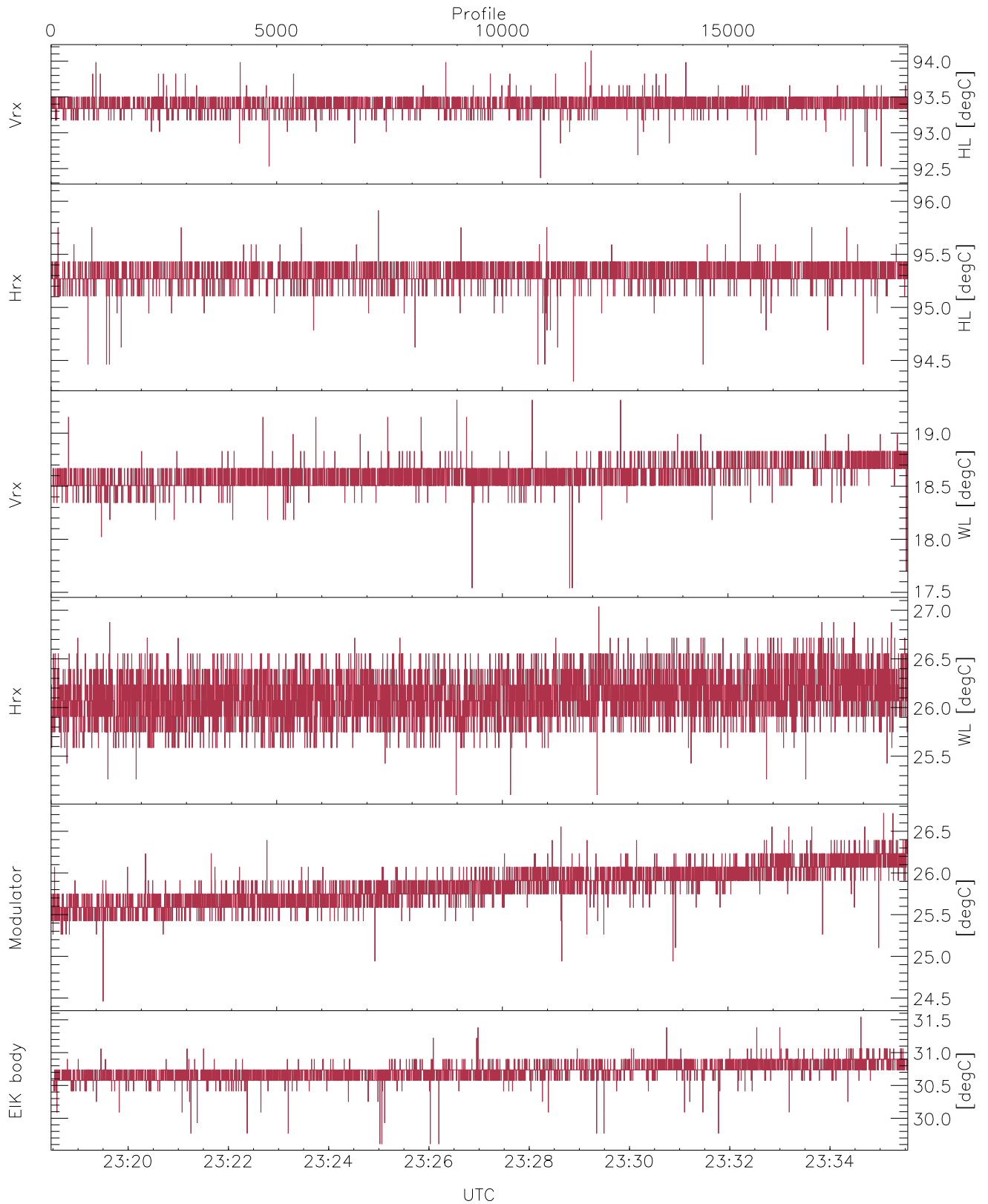


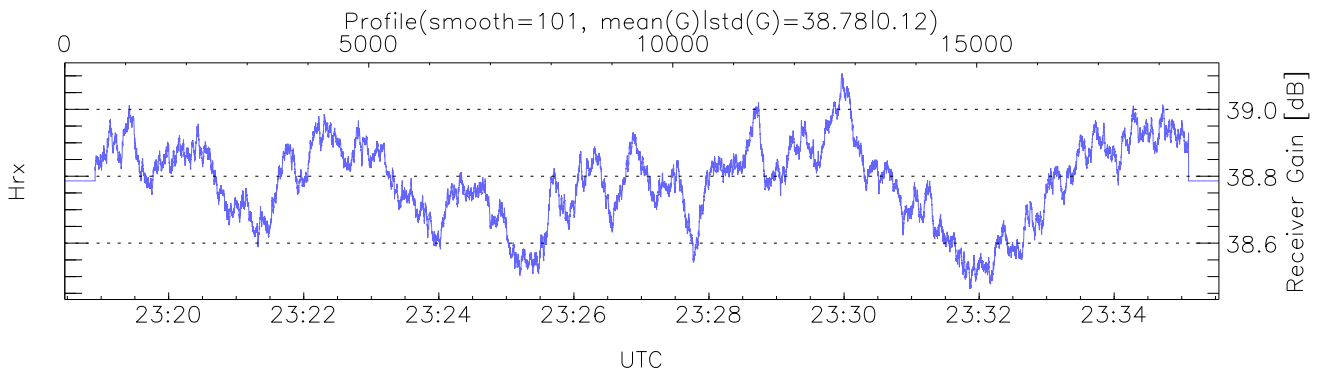
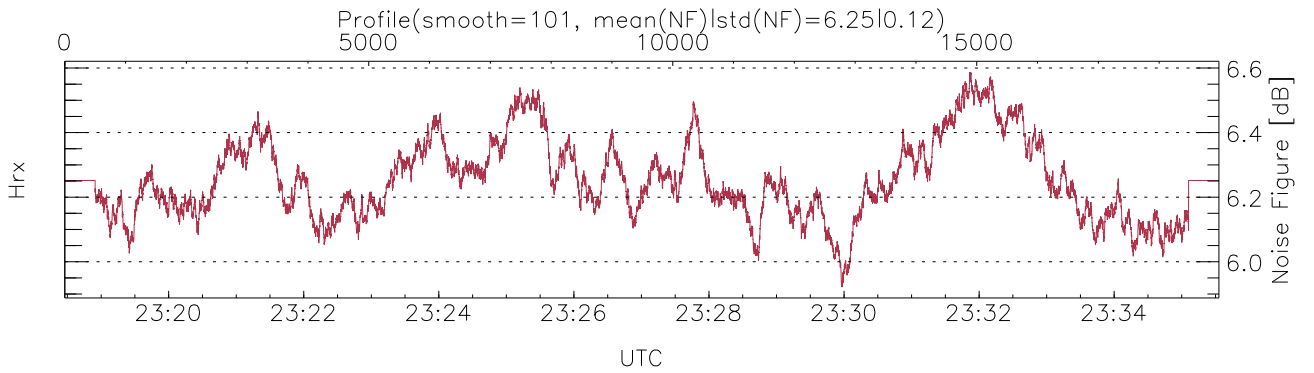
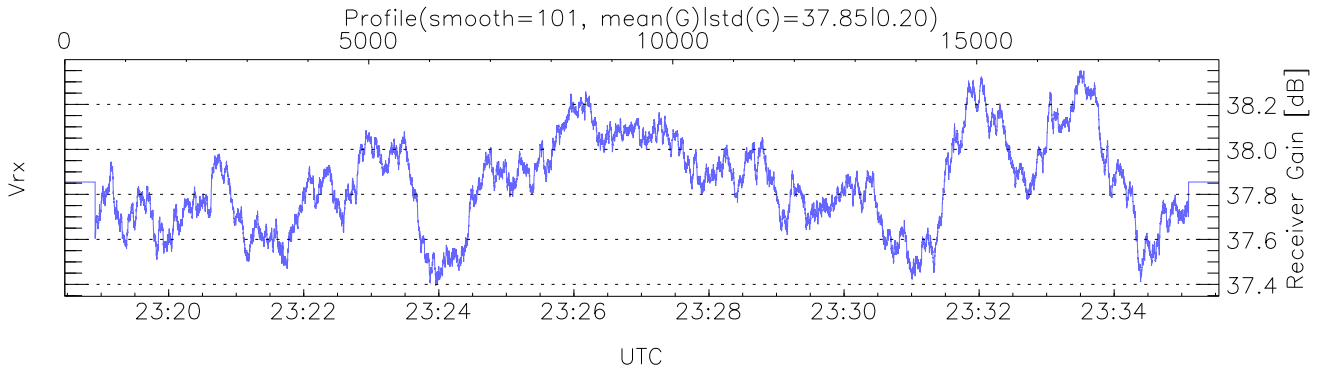
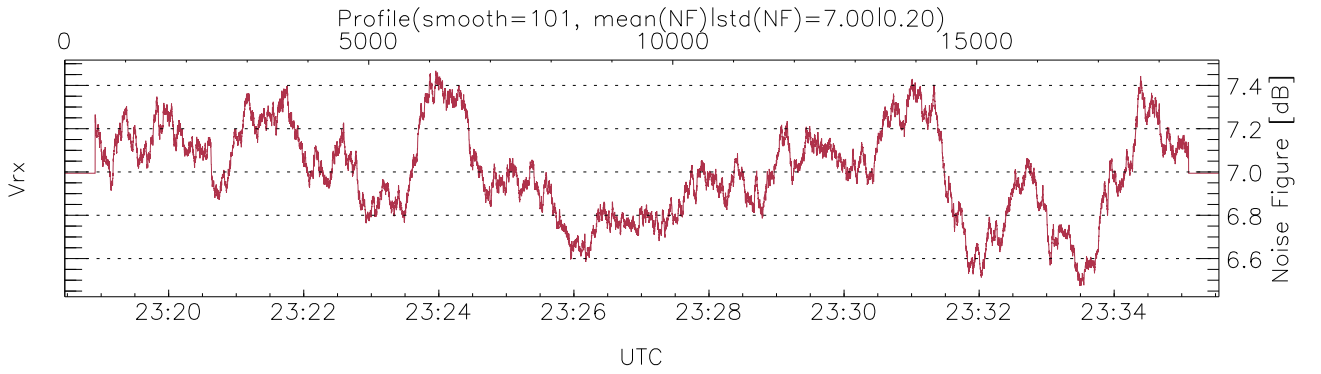
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:18:28-23:35:33, Dur: 1025.39s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 18985/18985, 0-18984/23:18:28-23:35:33
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



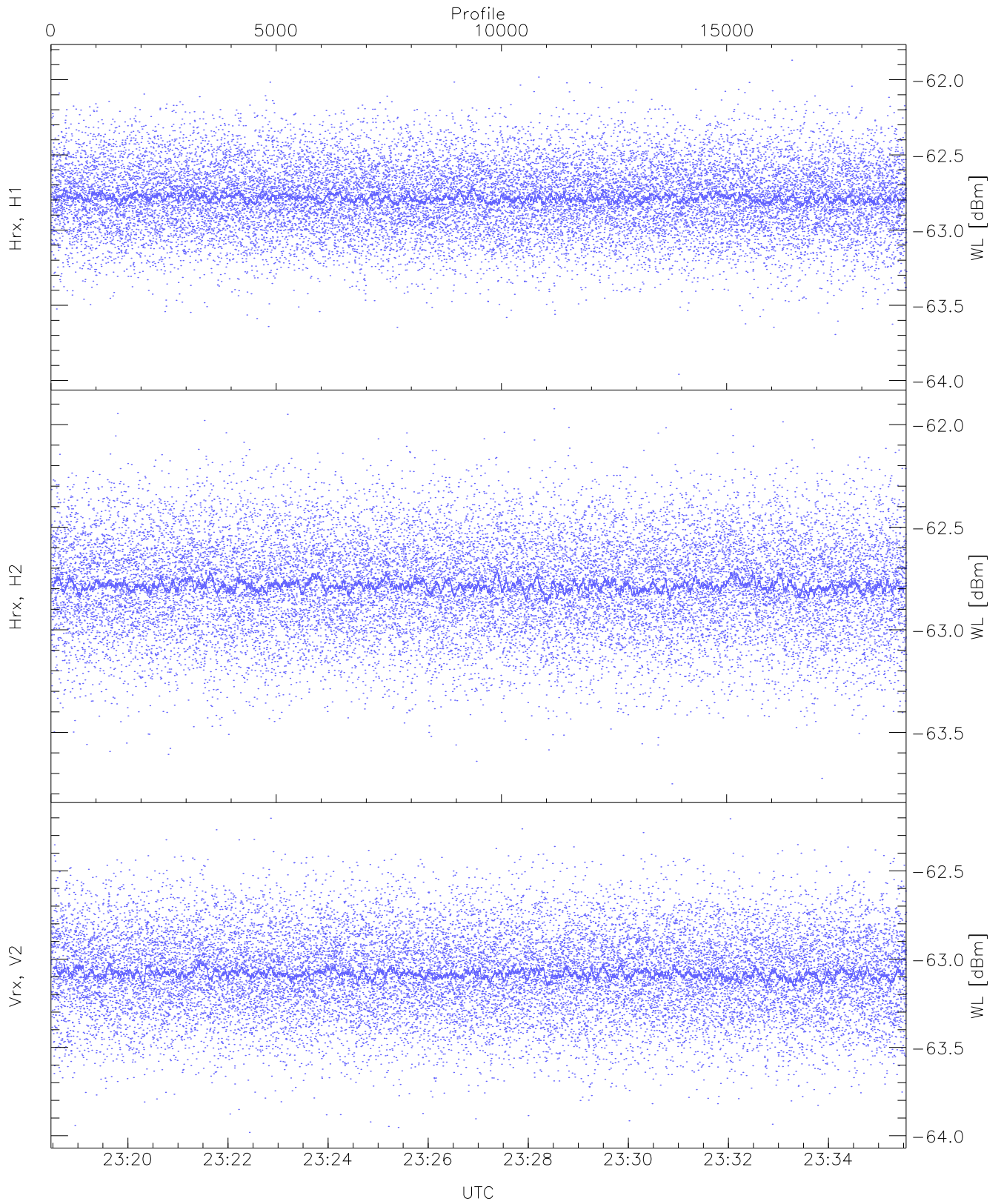
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,17,25,24,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,19,27,26,31
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,14,10,5)



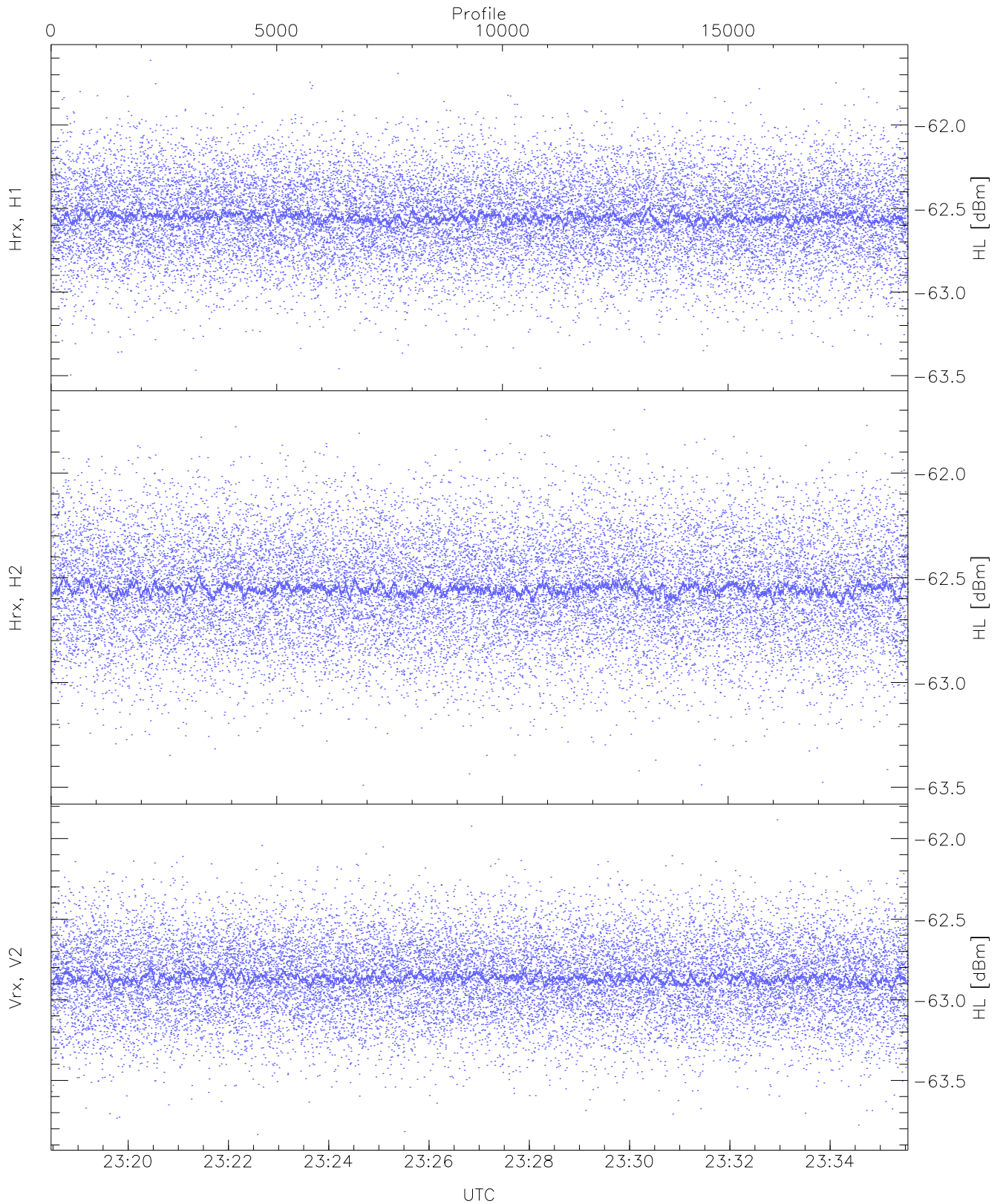
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 122 pixs, 26 gates, 116 profs, 1 prods



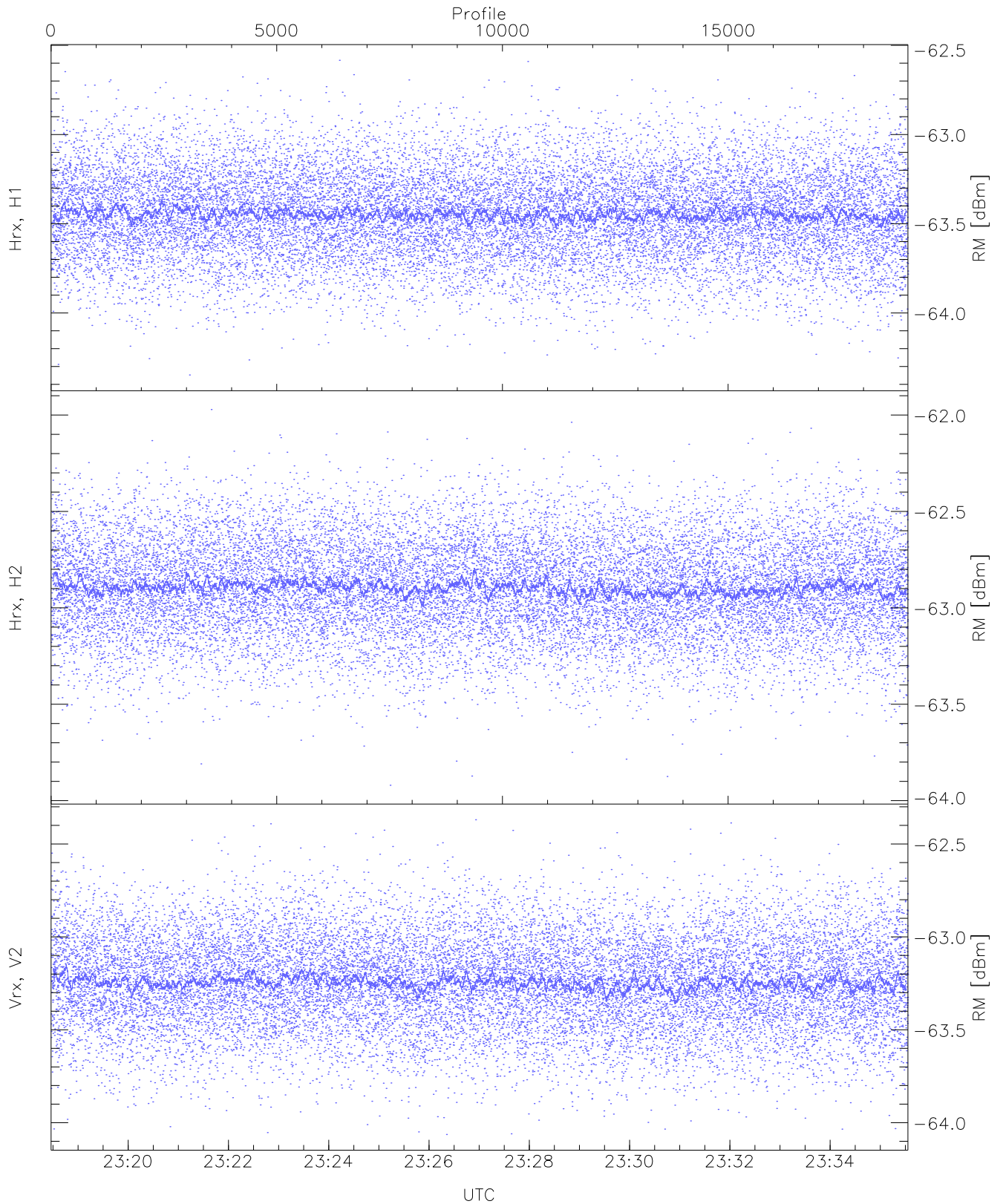
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.96	-61.87	-62.78	-62.79	-75.51
Hrx, H2 (WL [dBm])	-63.75	-61.92	-62.78	-62.79	-75.54
Vrx, V2 (WL [dBm])	-63.98	-62.20	-63.08	-63.08	-75.76



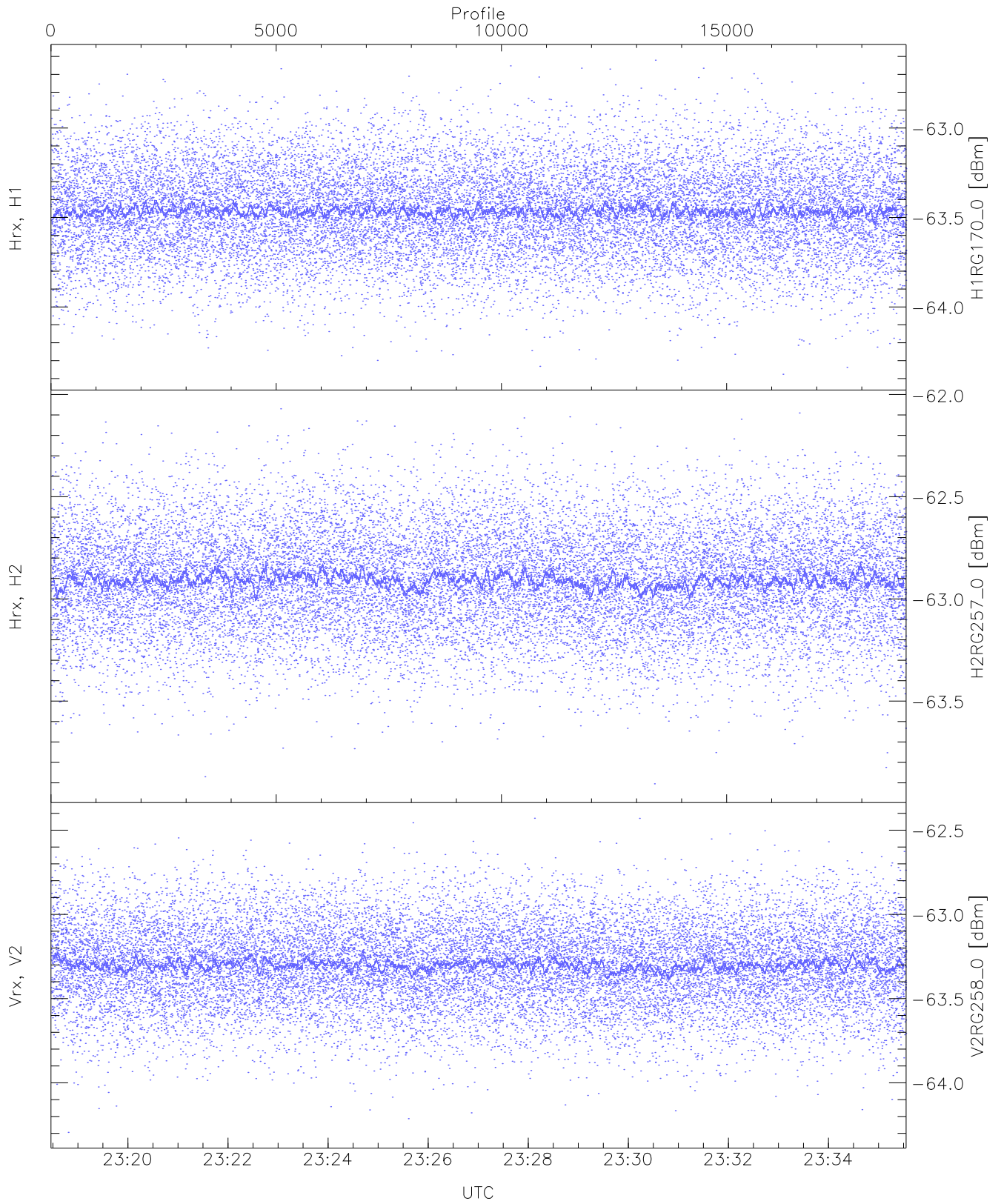
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.50	-61.61	-62.55	-62.55	-75.29
Hrx, H2 (HL [dBm])	-63.49	-61.70	-62.55	-62.55	-75.26
Vrx, V2 (HL [dBm])	-63.84	-61.88	-62.86	-62.87	-75.57



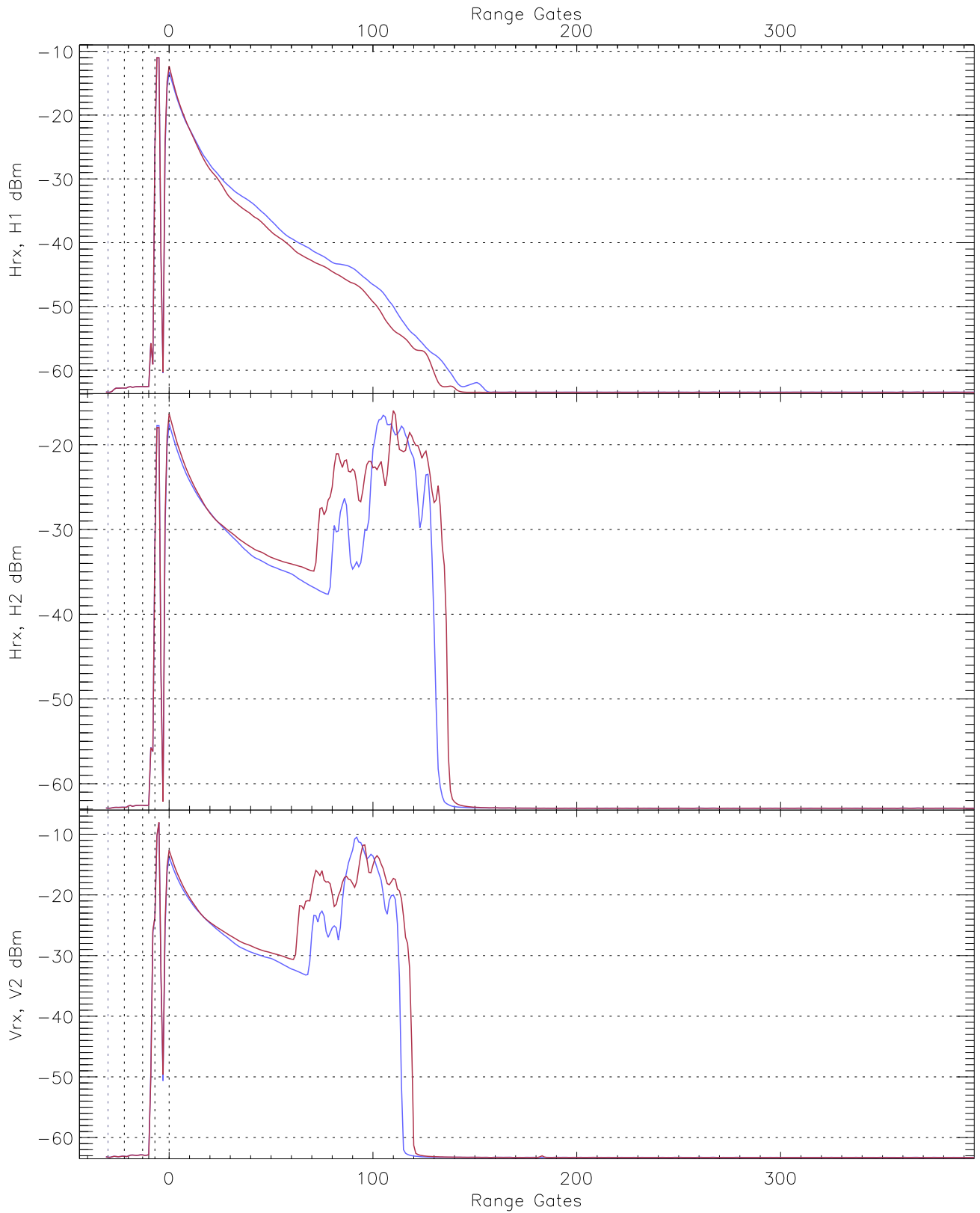
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.35	-62.58	-63.44	-63.45	-76.14
Hrx, H2 (RM [dBm])	-63.92	-61.97	-62.89	-62.90	-75.58
Vrx, V2 (RM [dBm])	-64.06	-62.37	-63.24	-63.25	-75.92

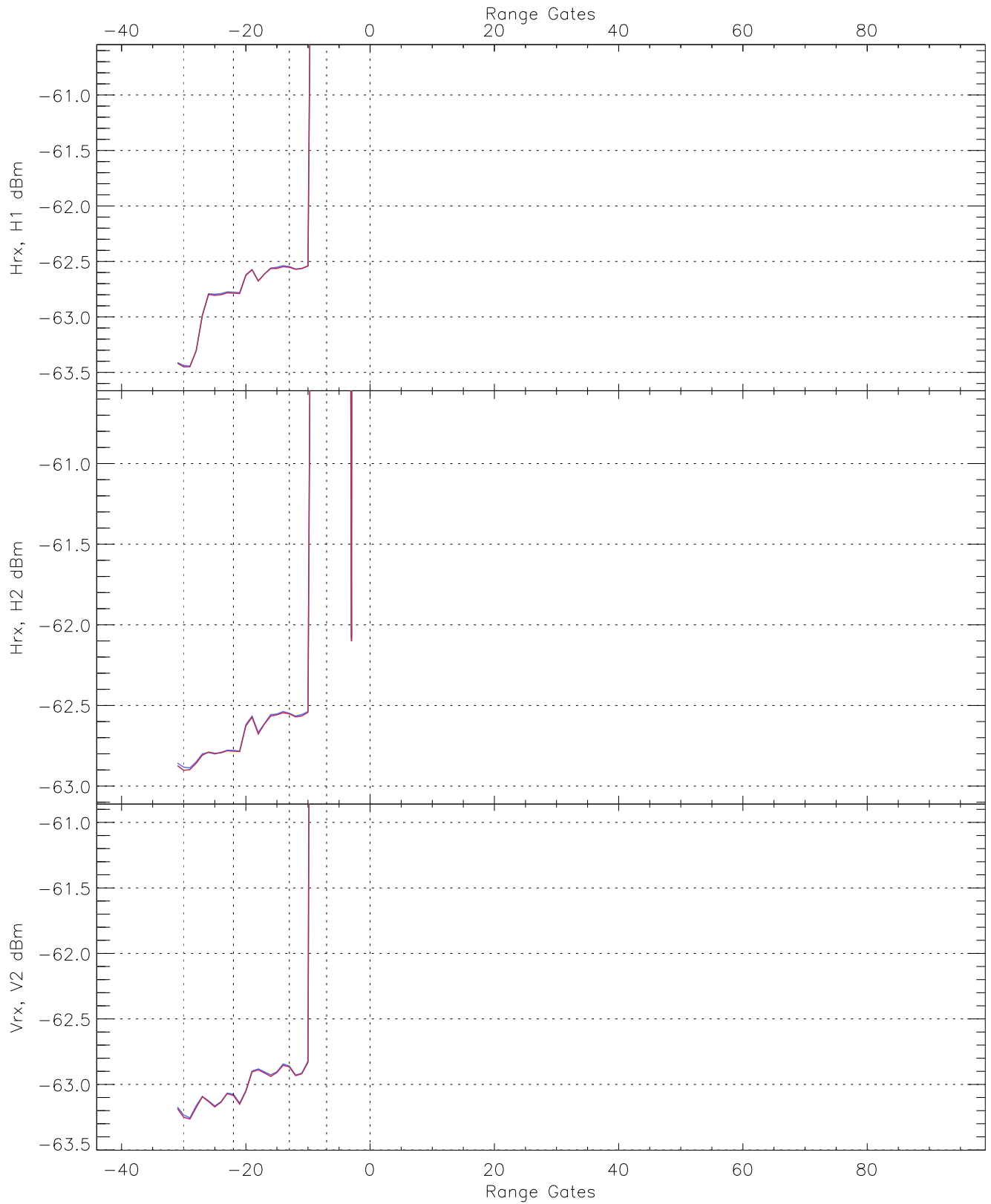


WCR2 CPP "Best" estimate Receivers Noise Power

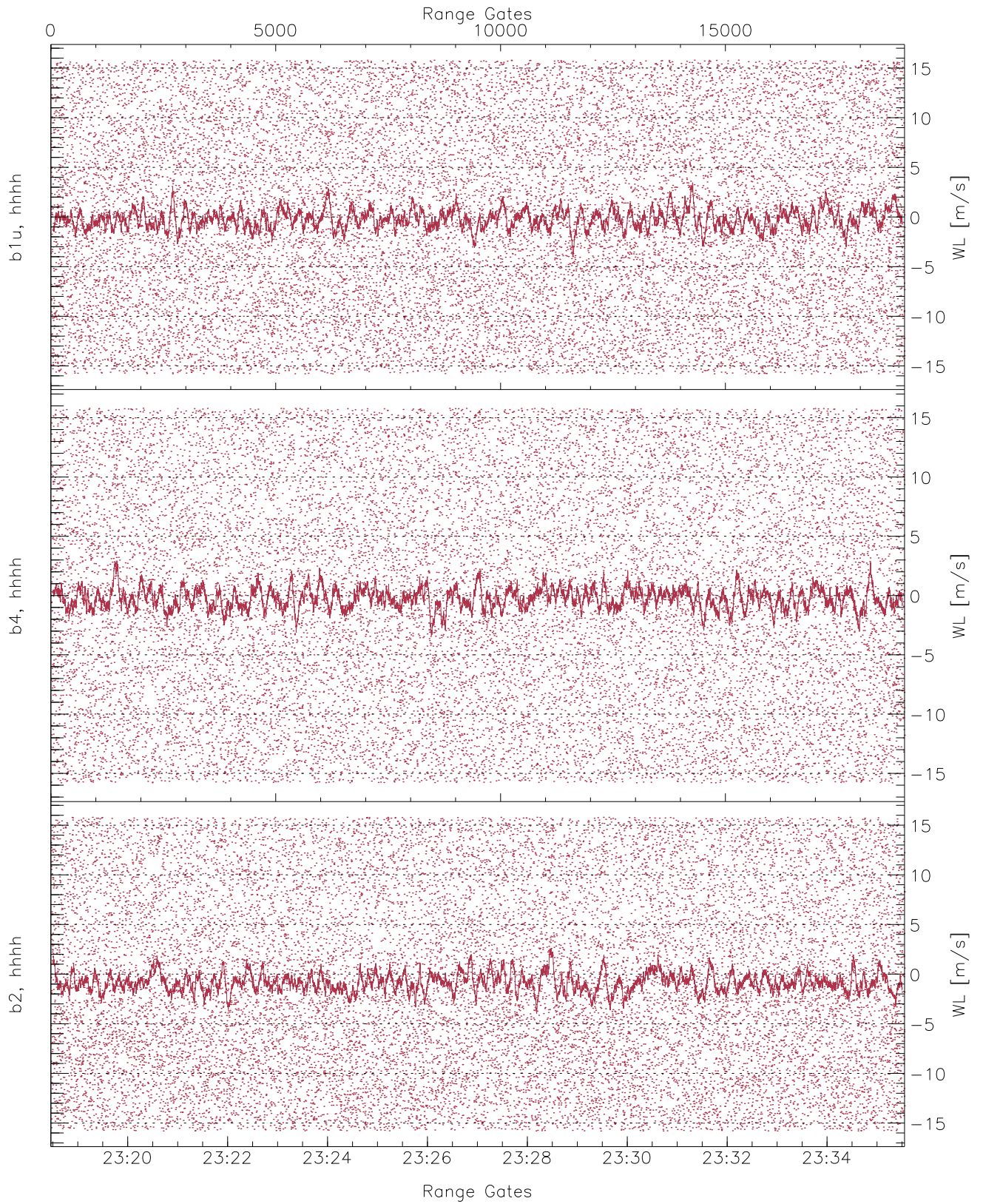
	Min	Max	Mean	Median	StDev
H1RG170_0 [dBm]	-64.38	-62.62	-63.46	-63.46	-76.14
H2RG257_0 [dBm]	-63.90	-62.07	-62.91	-62.91	-75.59
V2RG258_0 [dBm]	-64.29	-62.43	-63.30	-63.30	-75.99



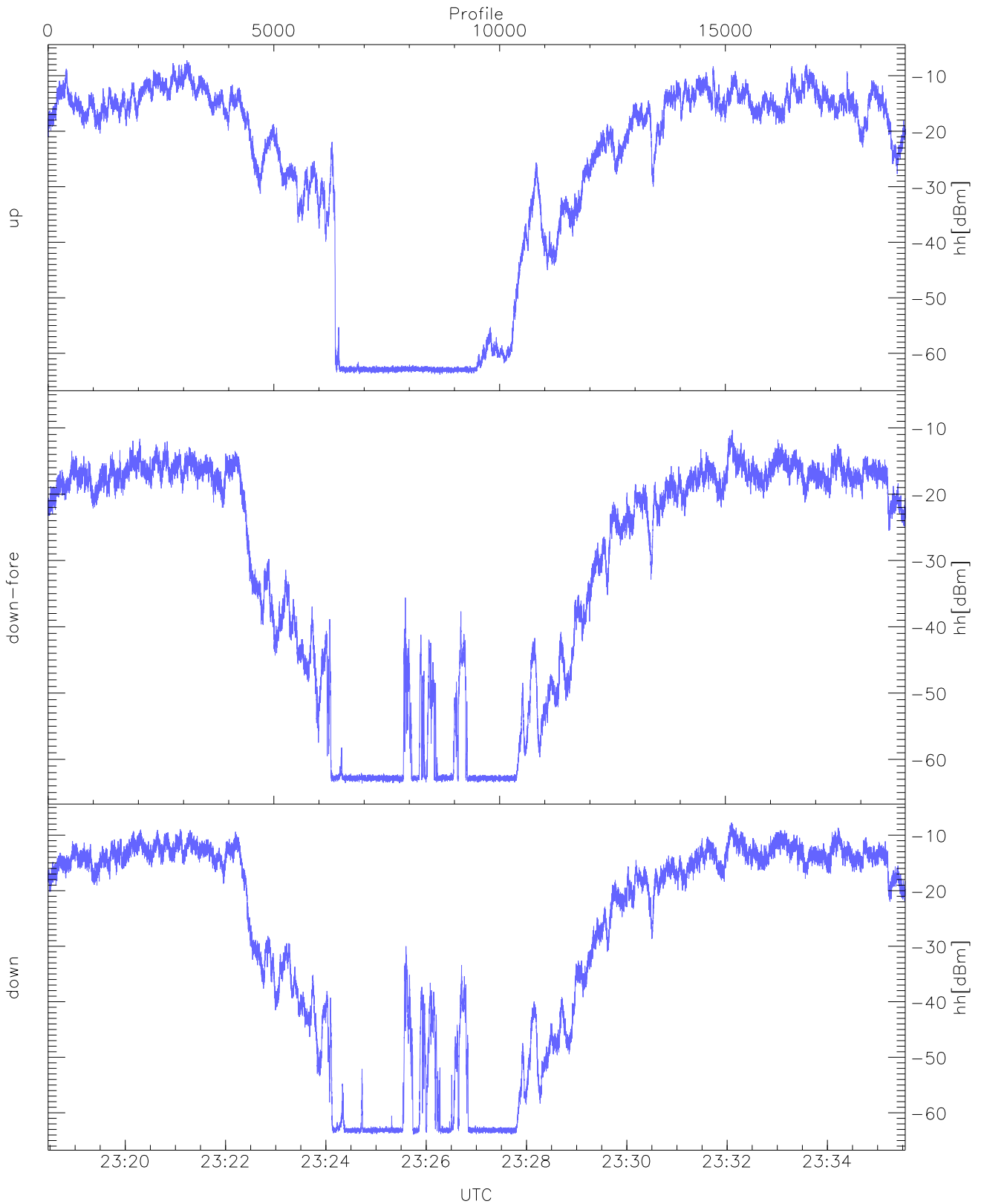
WCR2 CPP Averaged Received power for all recorded gates
blue: 231828-232700, 9493 profiles averaged
red: 232700-233533, 9493 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 231828-232700, 9493 profiles averaged
red: 232700-233533, 9493 profiles averaged

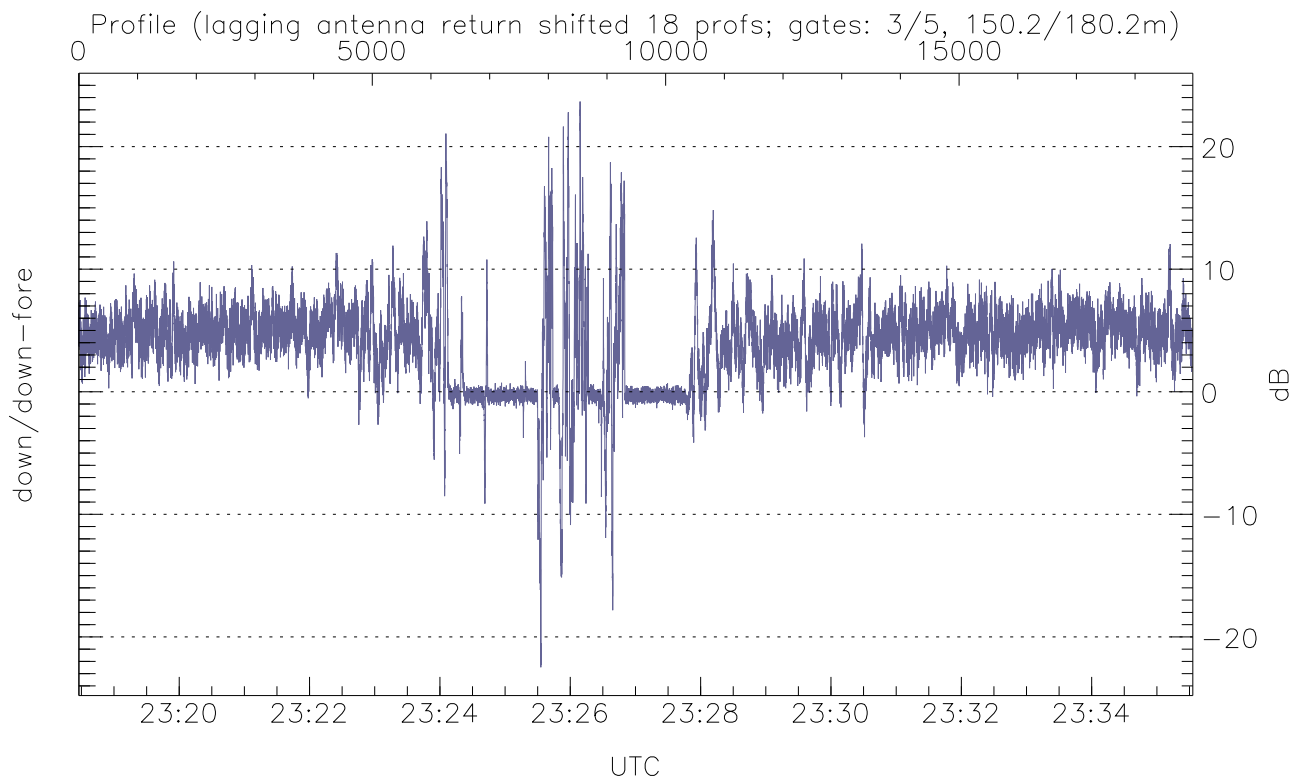
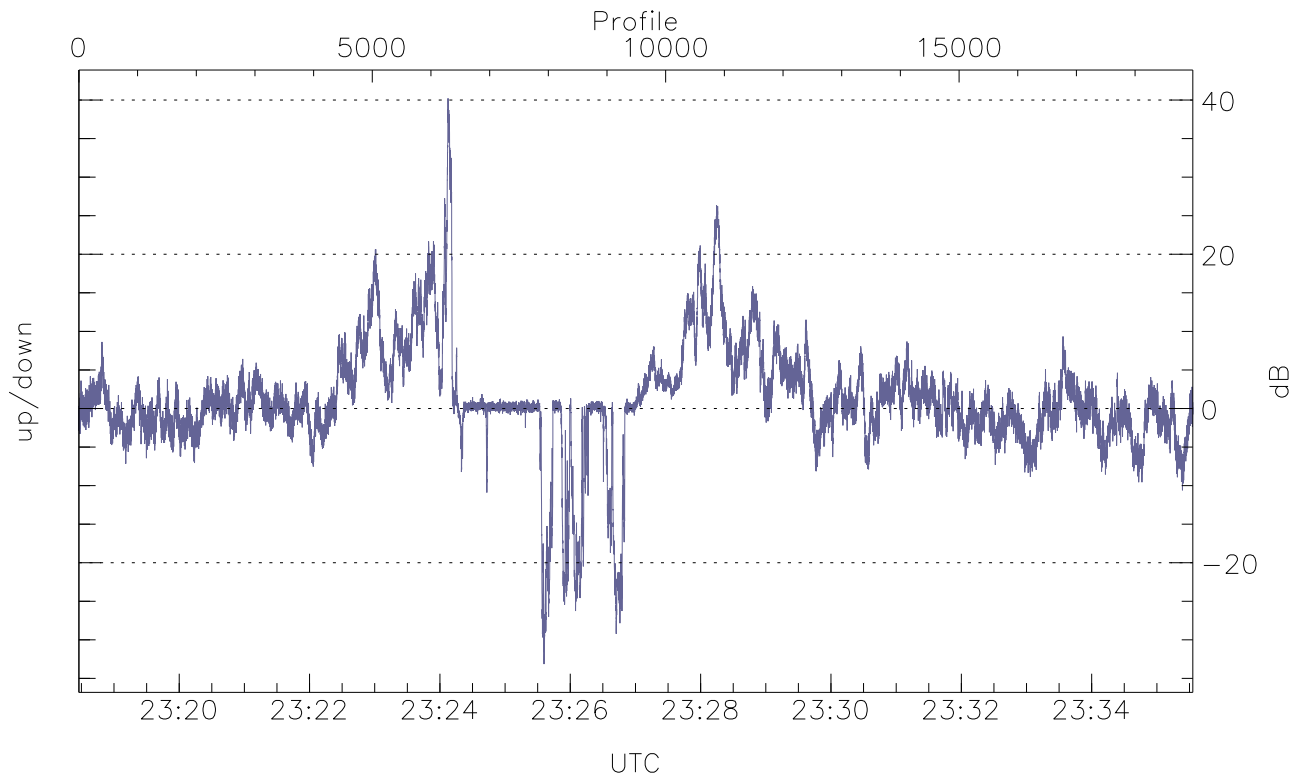


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



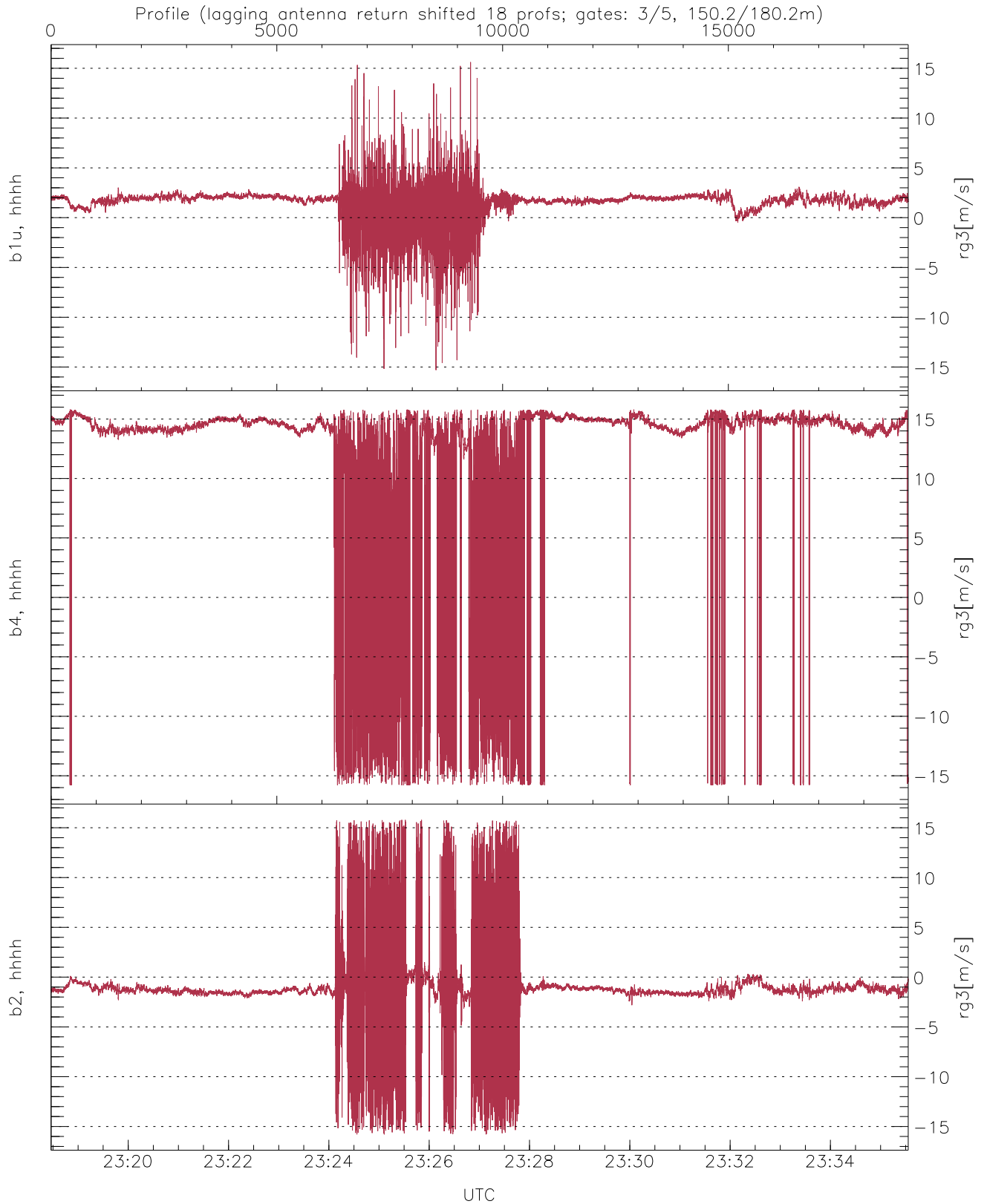
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.87	-7.23	-16.29
down-fore(hh[dBm])	-63.62	-10.33	-19.45
down(hh[dBm])	-63.90	-7.78	-16.01



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down (dB)	-33.14	40.22	1.07
down/down-fore (dB)	-22.48	23.68	3.89



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.31	15.62	1.49	1.51
b4, hhhh(rg3[m/s])	-15.80	15.80	11.62	7.60
b2, hhhh(rg3[m/s])	-15.80	15.79	-1.10	3.49