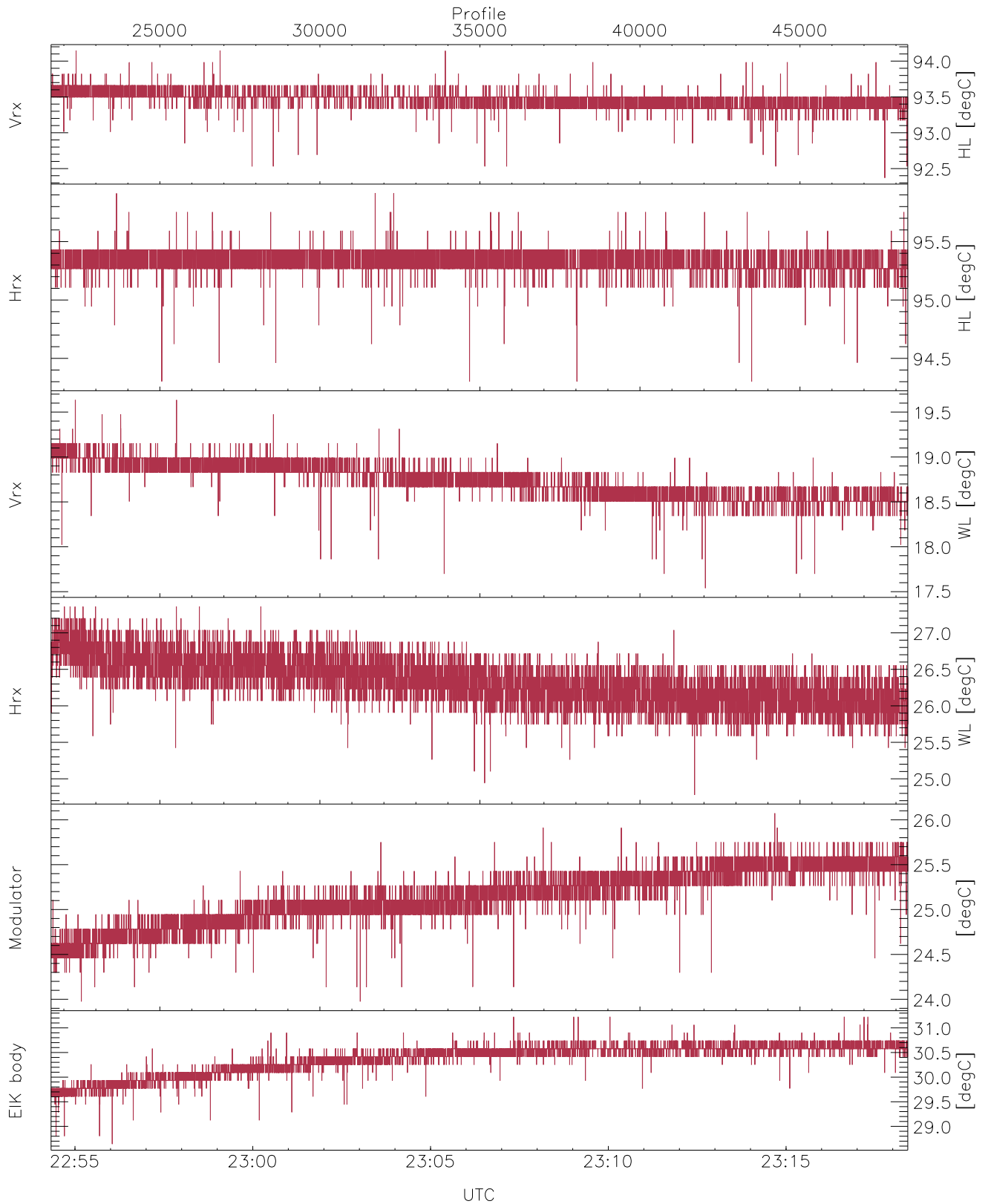


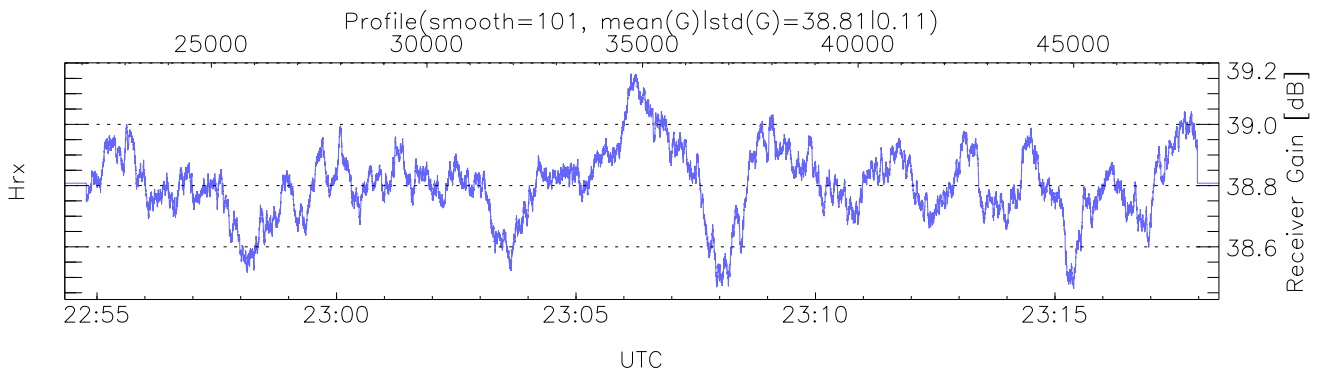
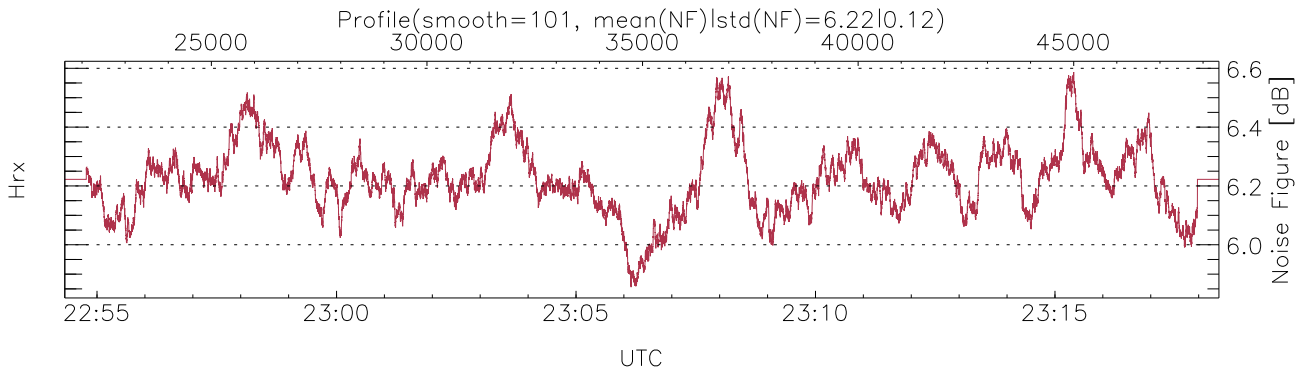
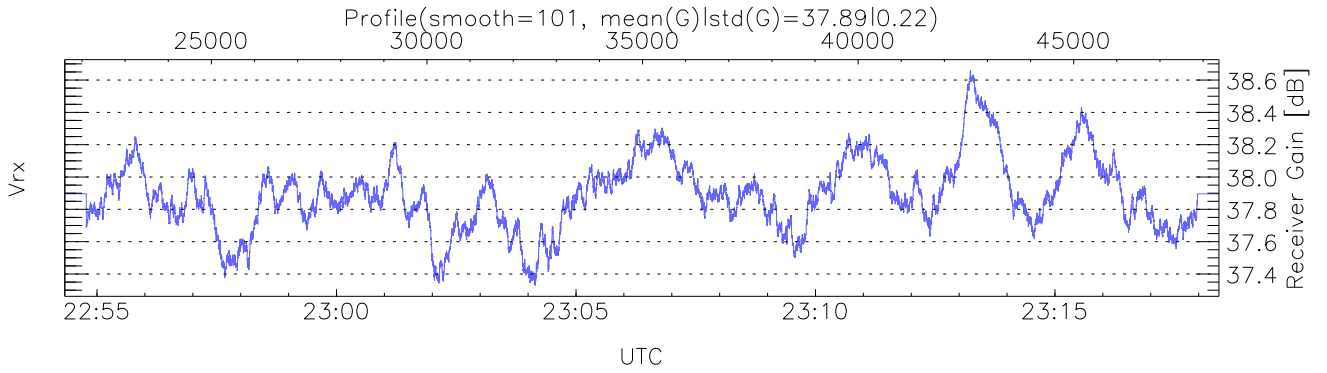
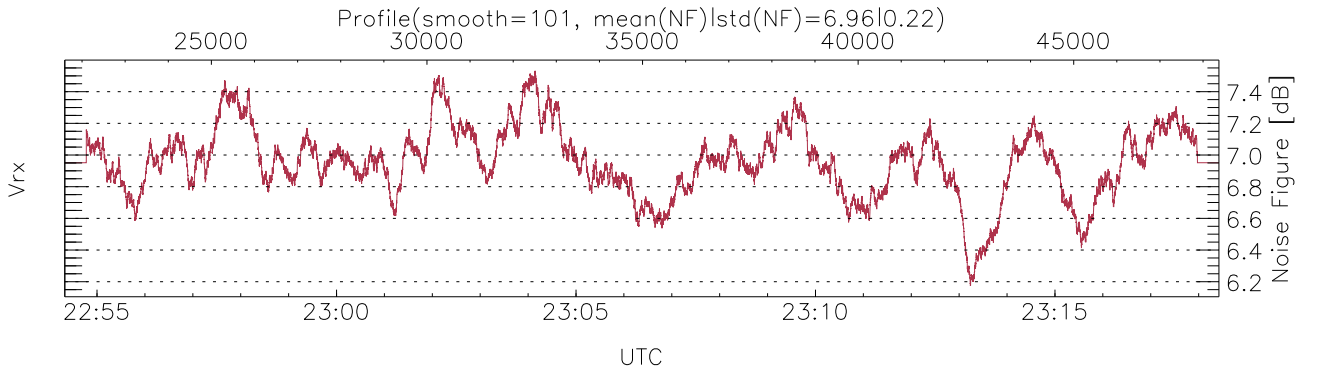
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:34:53-23:18:25, Dur: 2612.58s
 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): 26770/48370, 21600-48369/22:54:20-23:18:25
 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



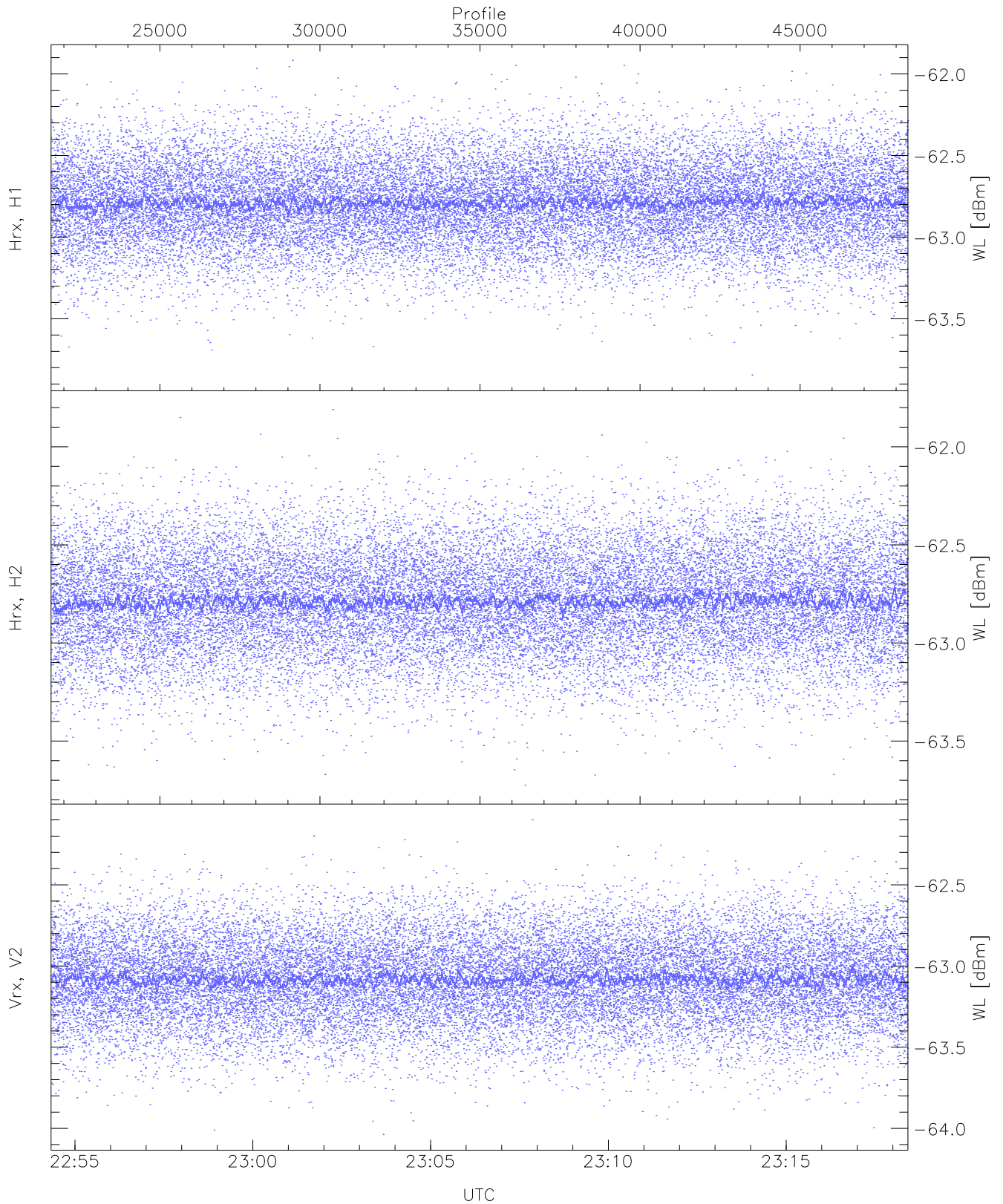
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,17,24,23,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,19,27,26,31
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,15)



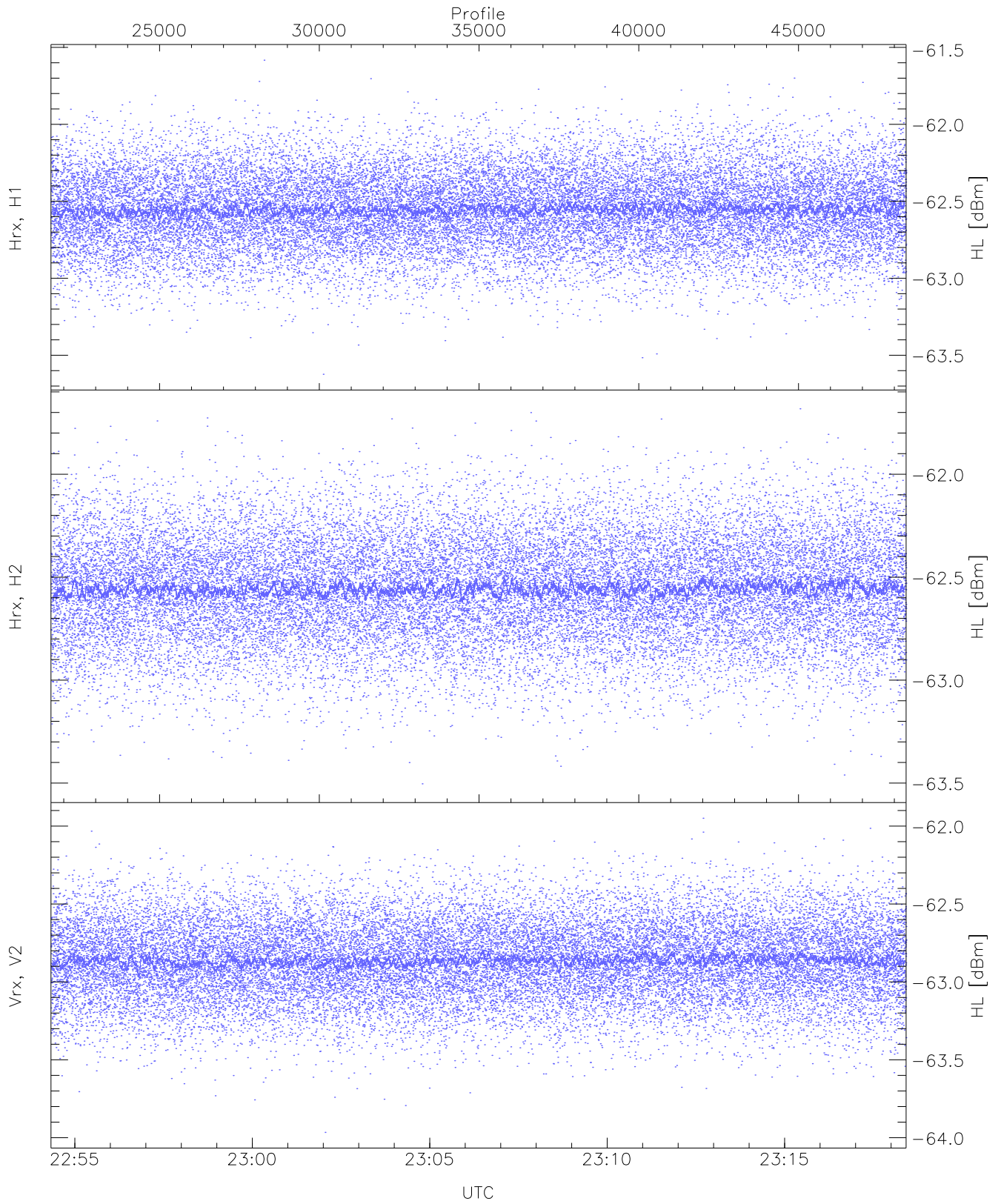
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 3255 pixs, 66 gates, 3168 profs, 2 prods



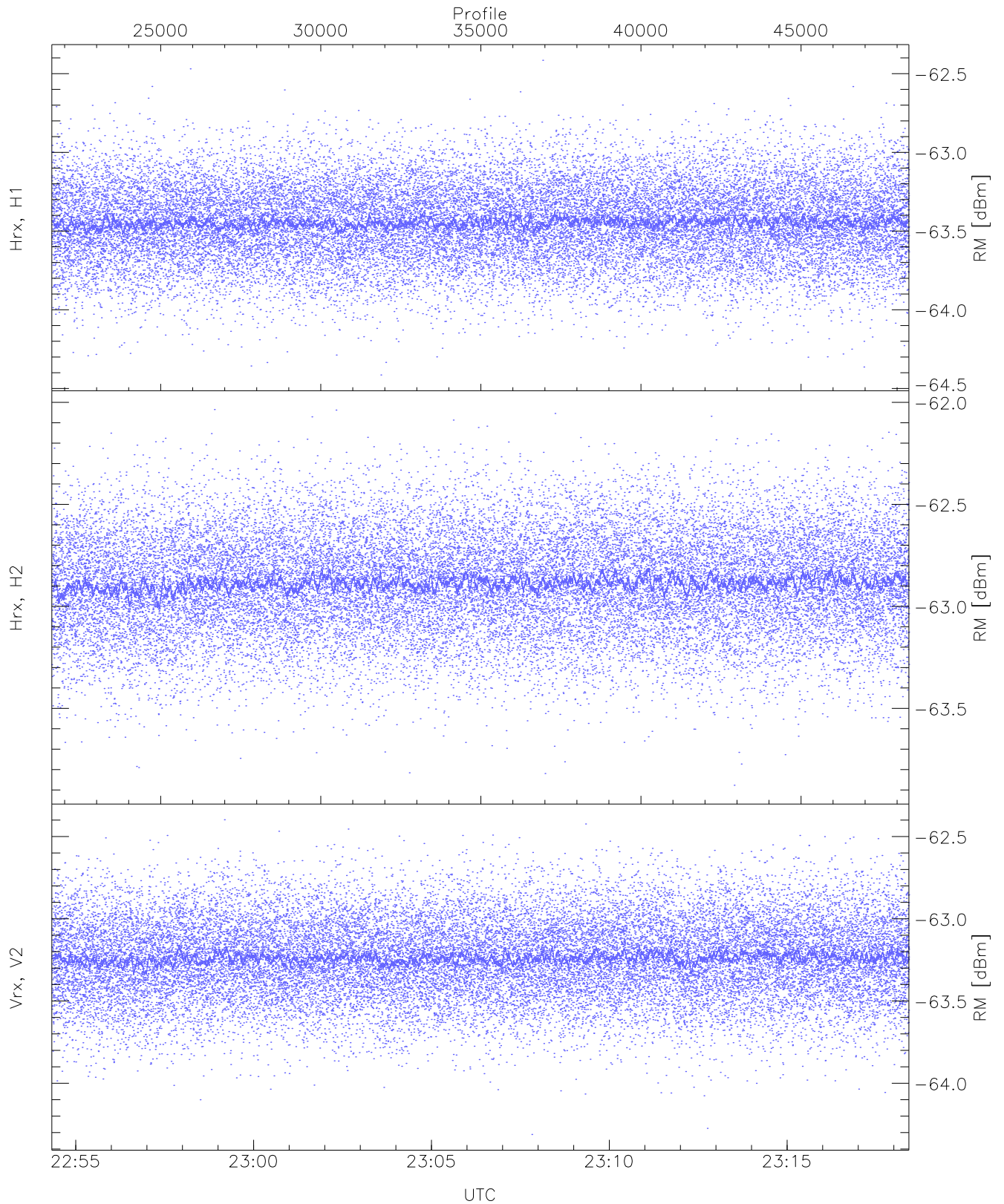
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.84	-61.92	-62.79	-62.79	-75.52
Hrx, H2 (WL [dBm])	-63.73	-61.81	-62.78	-62.79	-75.49
Vrx, V2 (WL [dBm])	-64.04	-62.10	-63.08	-63.08	-75.77



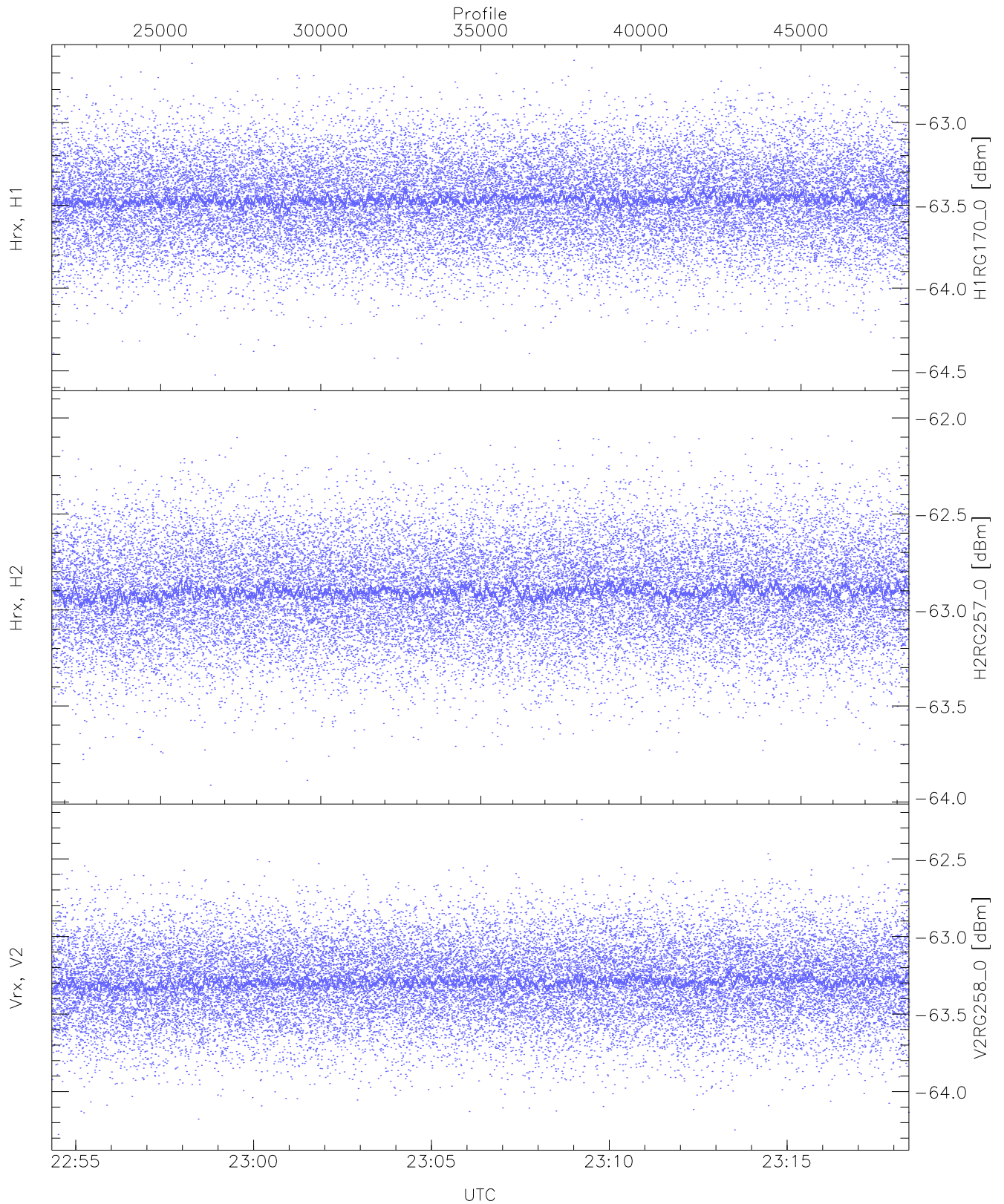
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.62	-61.58	-62.55	-62.56	-75.26
Hrx, H2 (HL [dBm])	-63.50	-61.68	-62.55	-62.56	-75.26
Vrx, V2 (HL [dBm])	-63.97	-61.95	-62.86	-62.87	-75.58



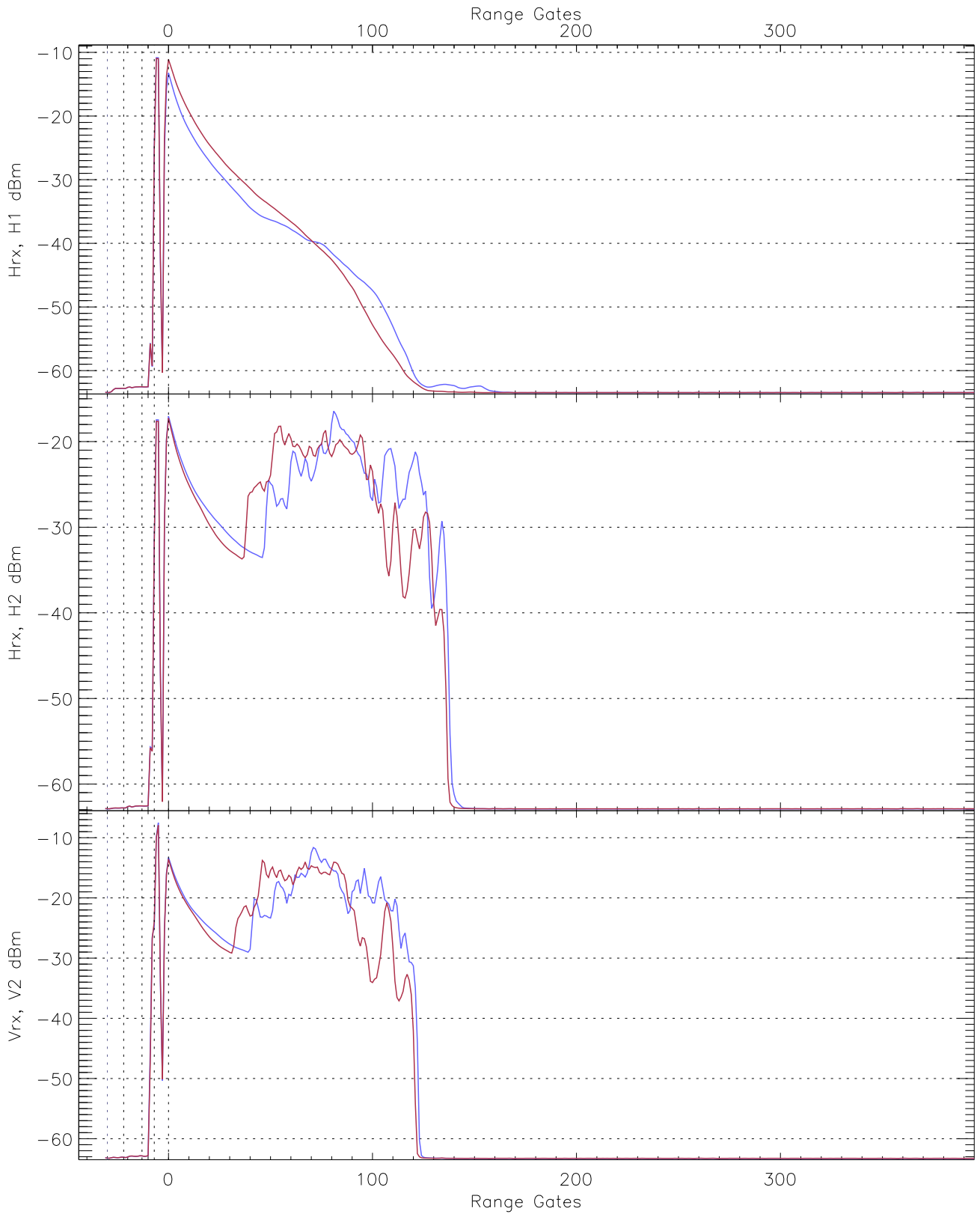
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.41	-62.42	-63.44	-63.45	-76.11
Hrx, H2 (RM [dBm])	-63.88	-62.04	-62.88	-62.89	-75.59
Vrx, V2 (RM [dBm])	-64.31	-62.40	-63.24	-63.24	-75.95

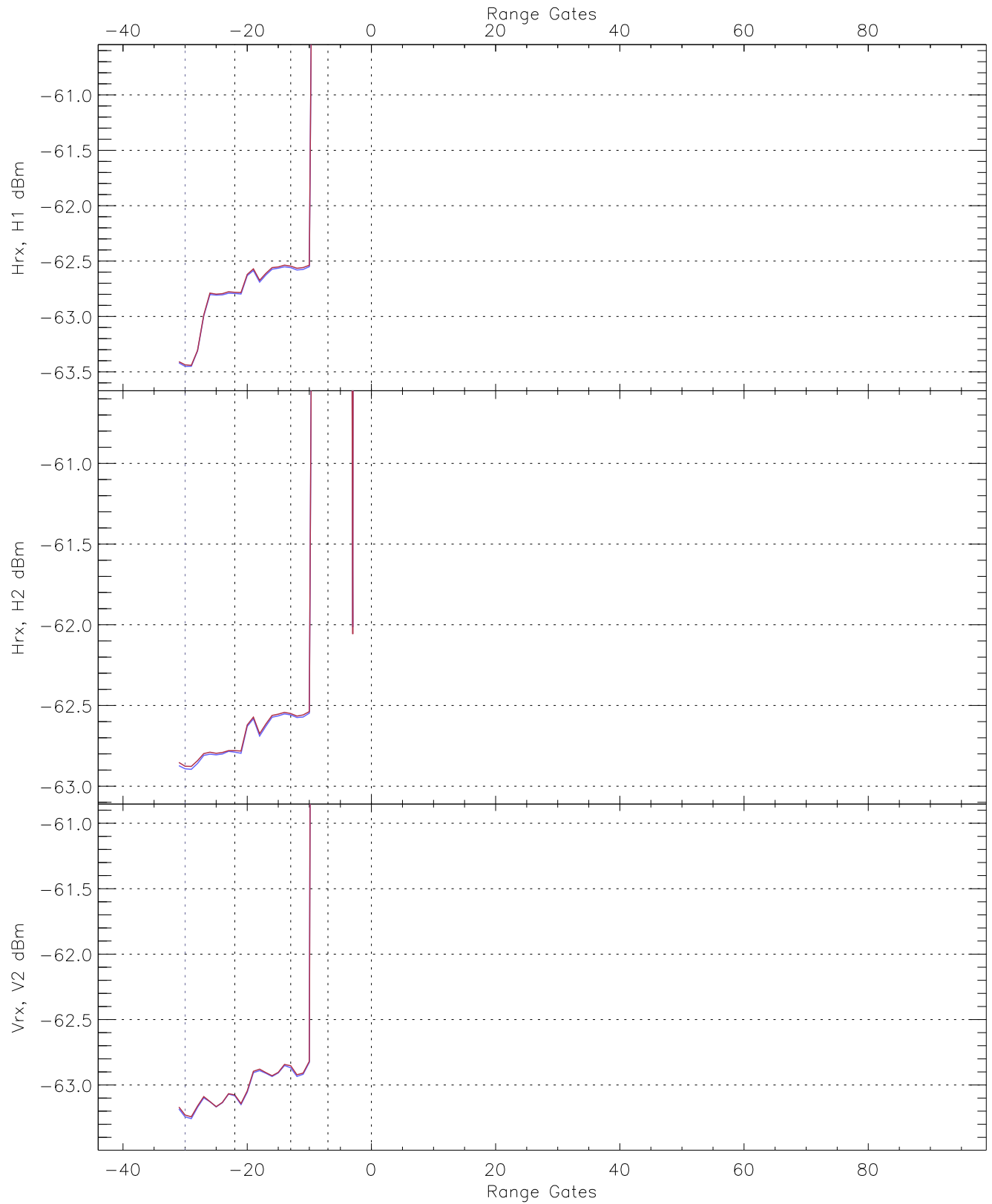


WCR2 CPP "Best" estimate Receivers Noise Power

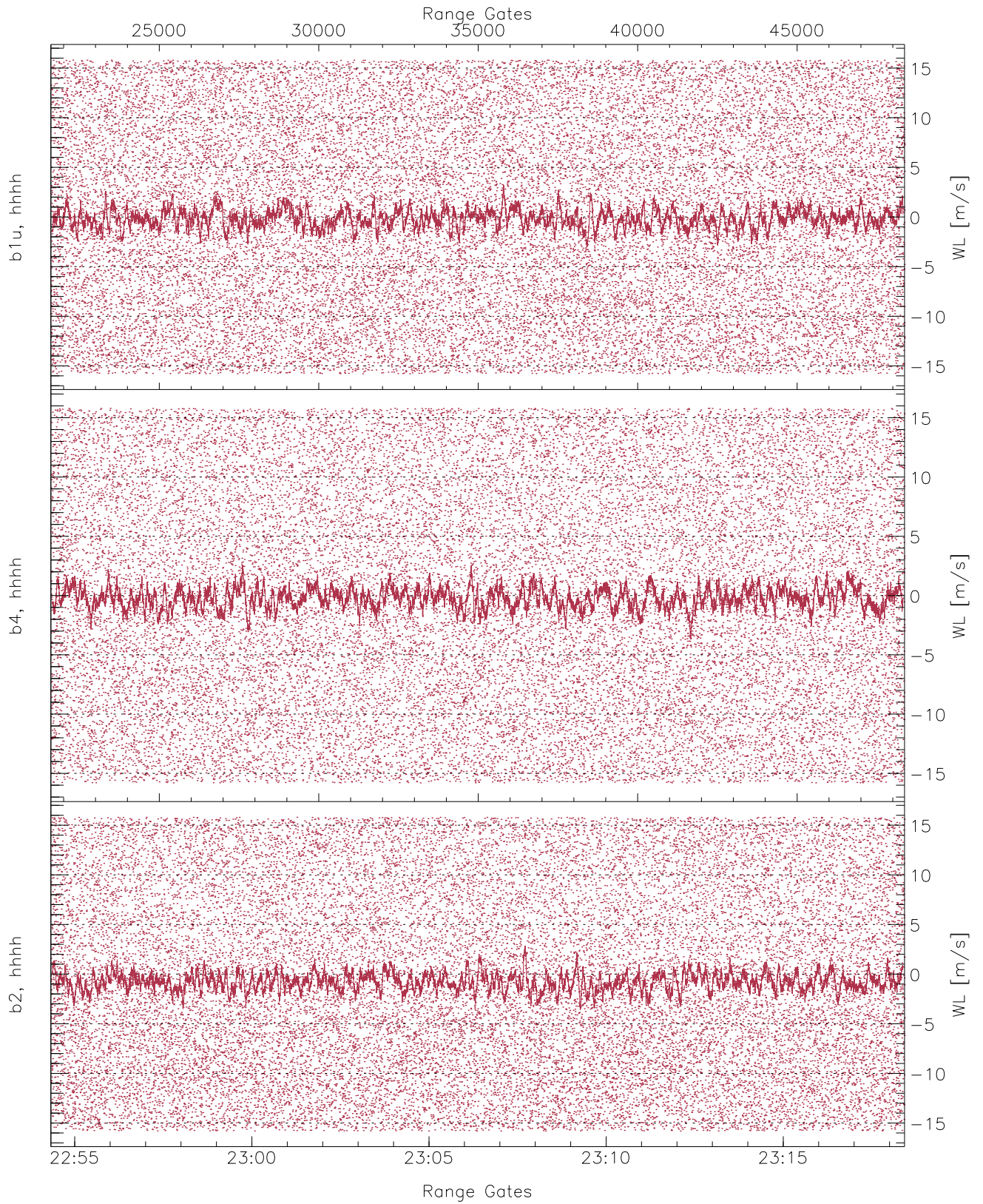
	Min	Max	Mean	Median	StDev
H1RG170_0 [dBm]	-64.52	-62.62	-63.46	-63.47	-76.14
H2RG257_0 [dBm]	-63.91	-61.96	-62.90	-62.91	-75.60
V2RG258_0 [dBm]	-64.28	-62.25	-63.29	-63.29	-75.98



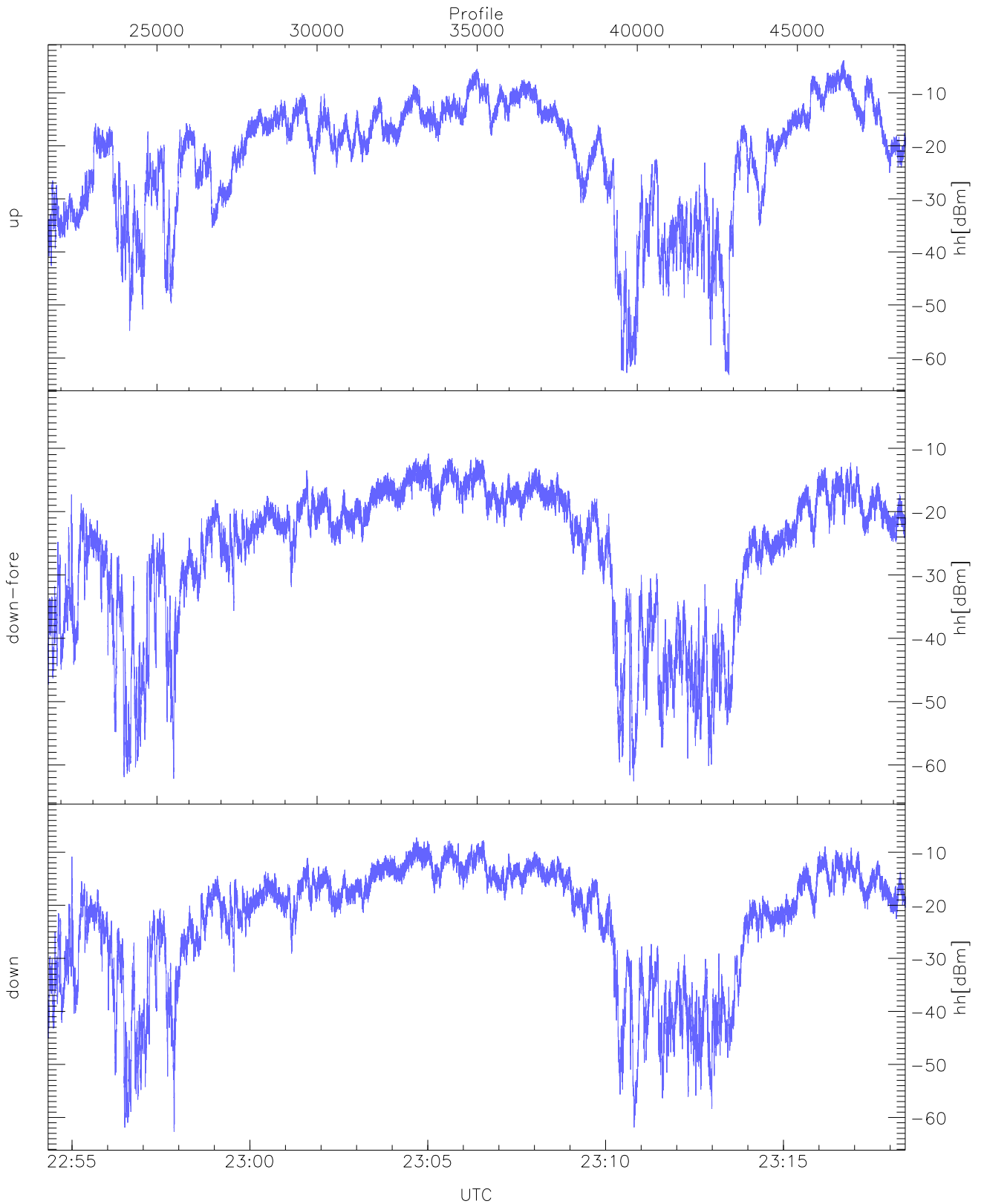
WCR2 CPP Averaged Received power for all recorded gates
blue: 225420-230623, 13386 profiles averaged
red: 230623-231825, 13385 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 225420-230623, 13386 profiles averaged
red: 230623-231825, 13385 profiles averaged

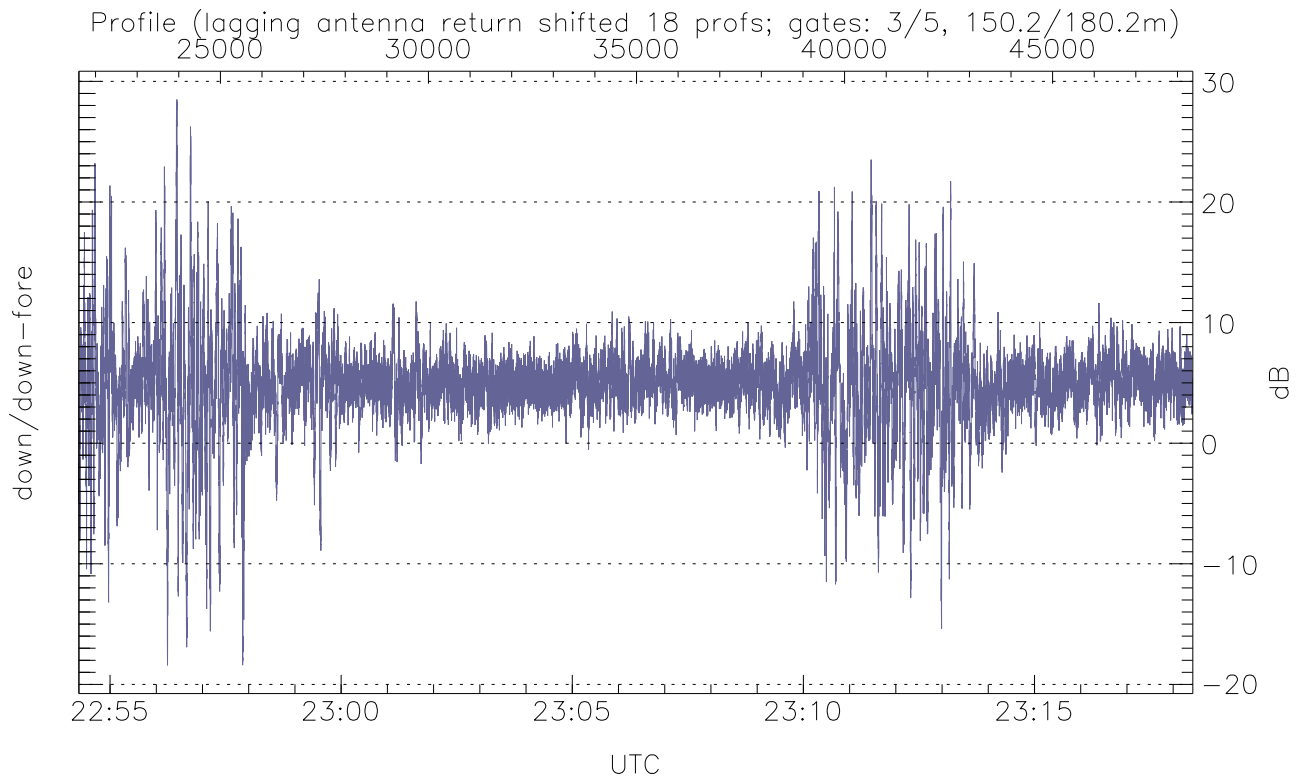
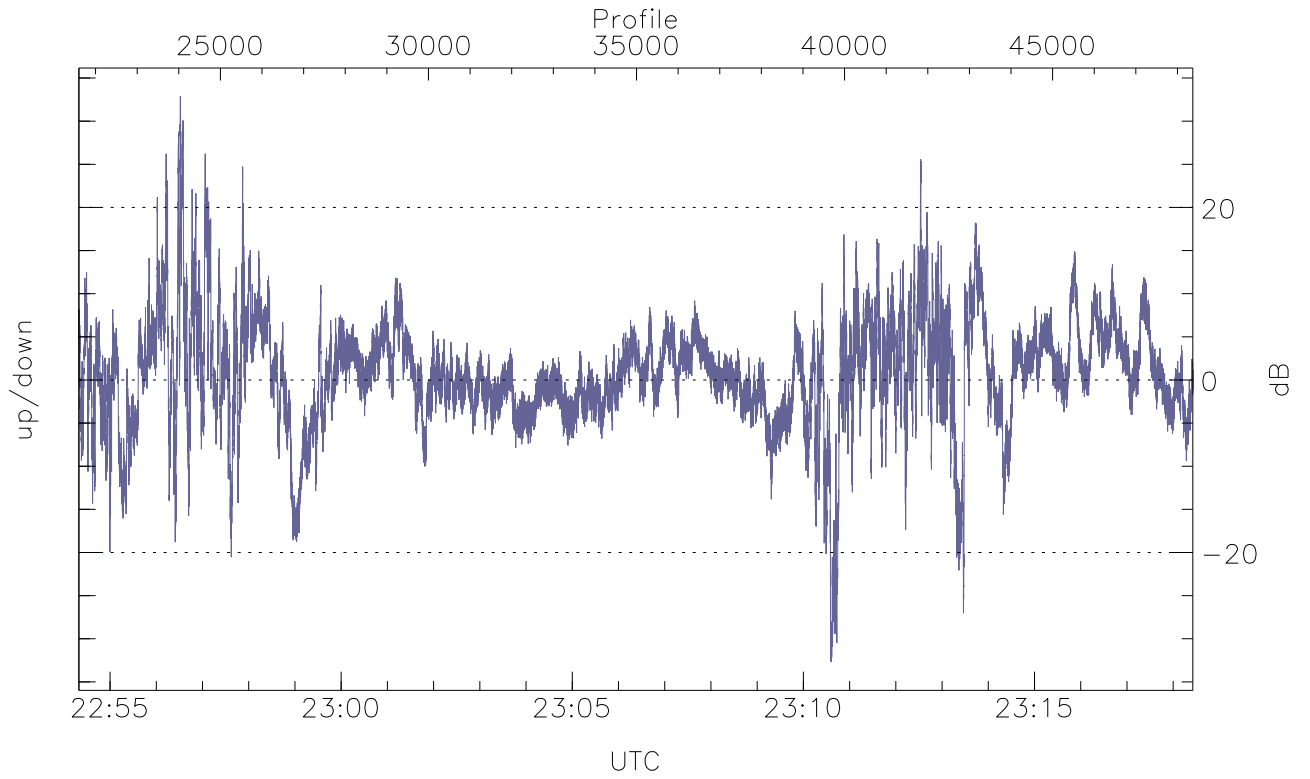


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



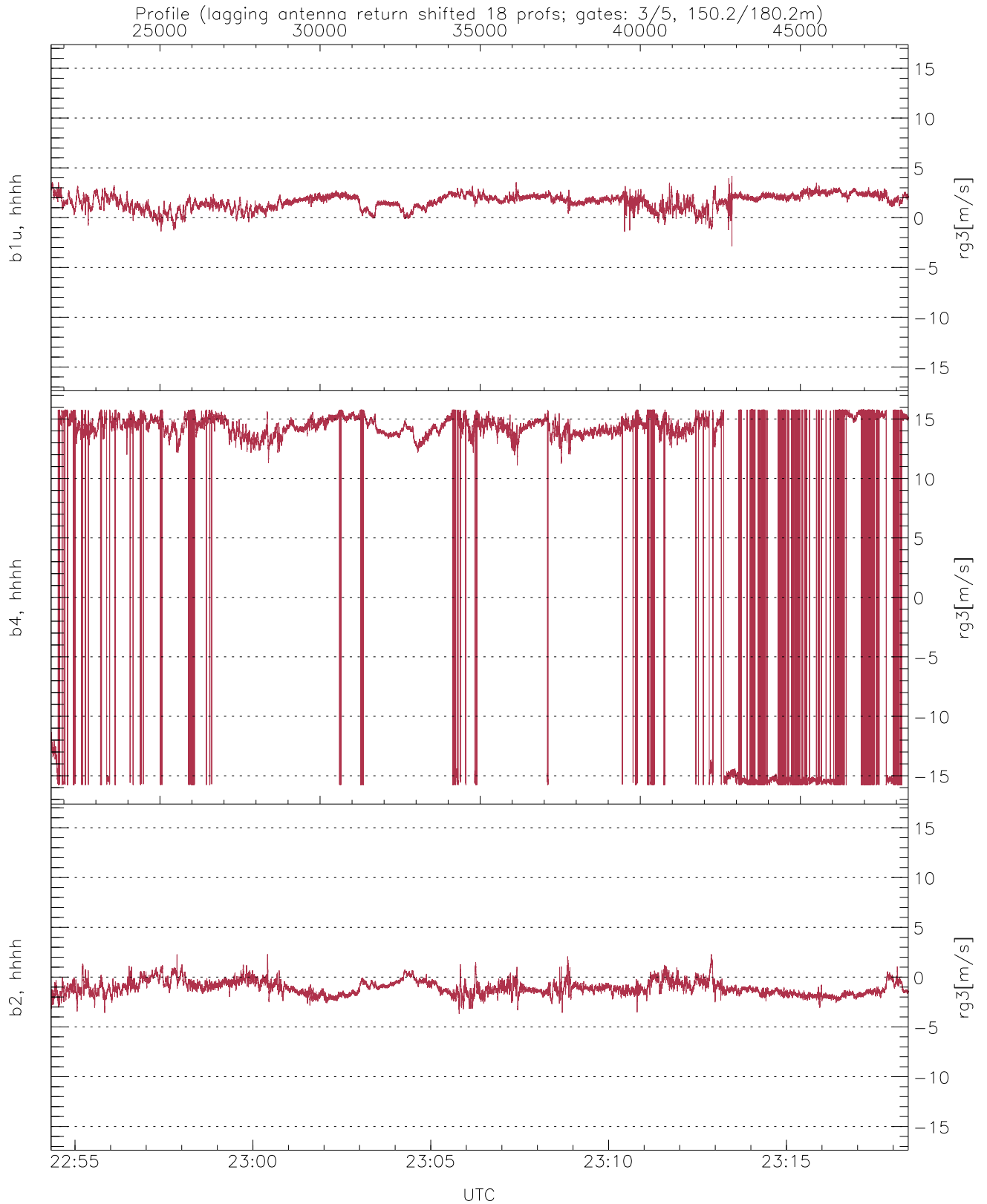
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.20	-3.88	-15.17
down-fore(hh[dBm])	-62.56	-10.83	-19.97
down(hh[dBm])	-62.67	-7.23	-16.53



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

	Min	Max	Mean
up/down (dB)	-32.70	32.88	0.65
down/down-fore (dB)	-18.41	28.50	4.89



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-2.86	4.20	1.61	0.73
b4, hhhh(rg3[m/s])	-15.80	15.80	9.11	11.46
b2, hhhh(rg3[m/s])	-3.68	2.30	-1.07	0.72