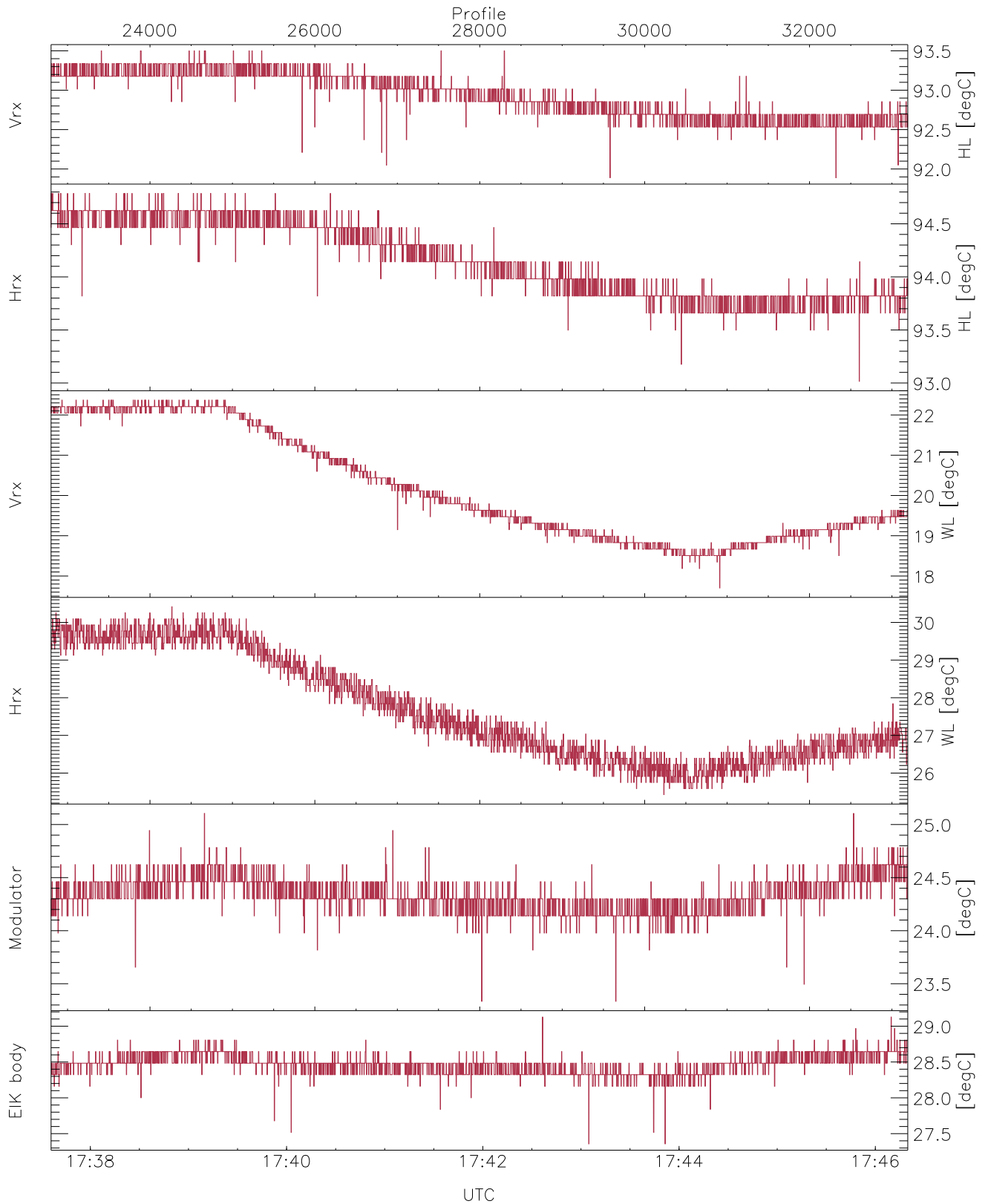


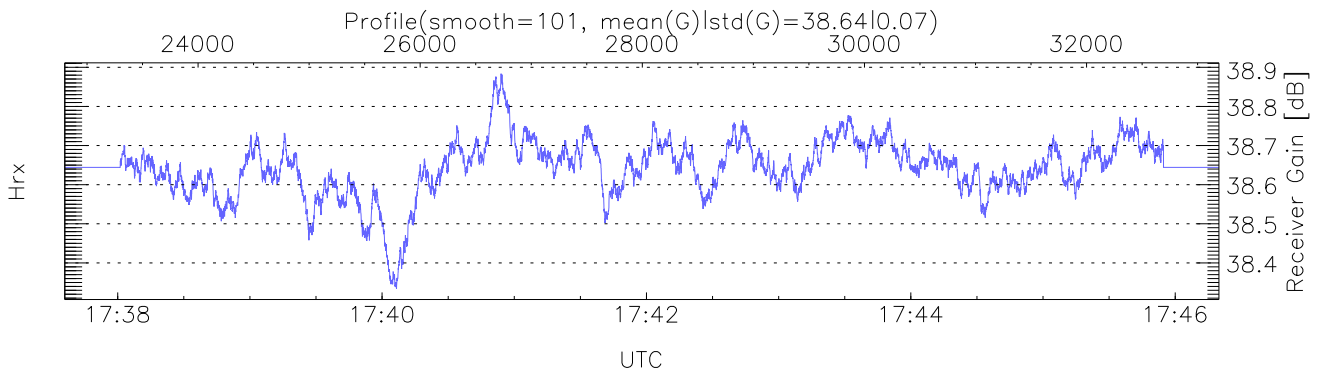
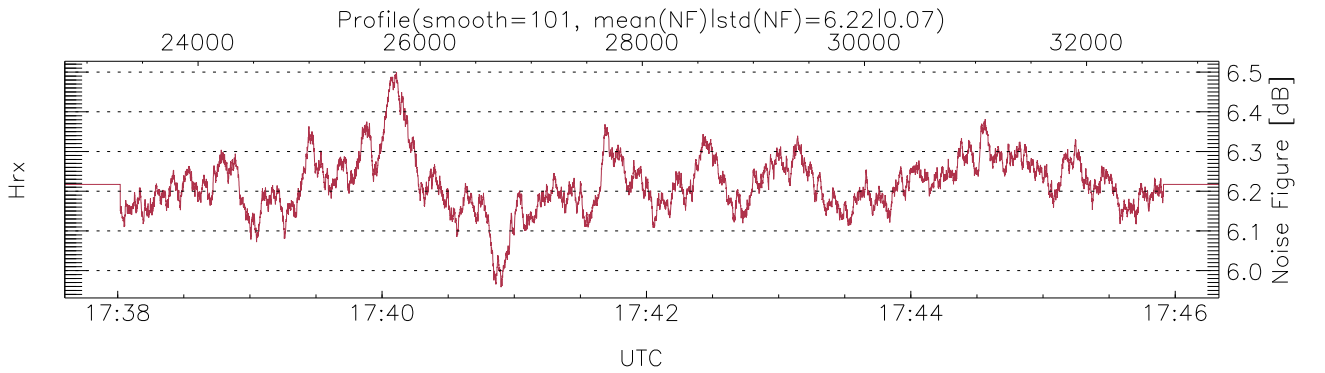
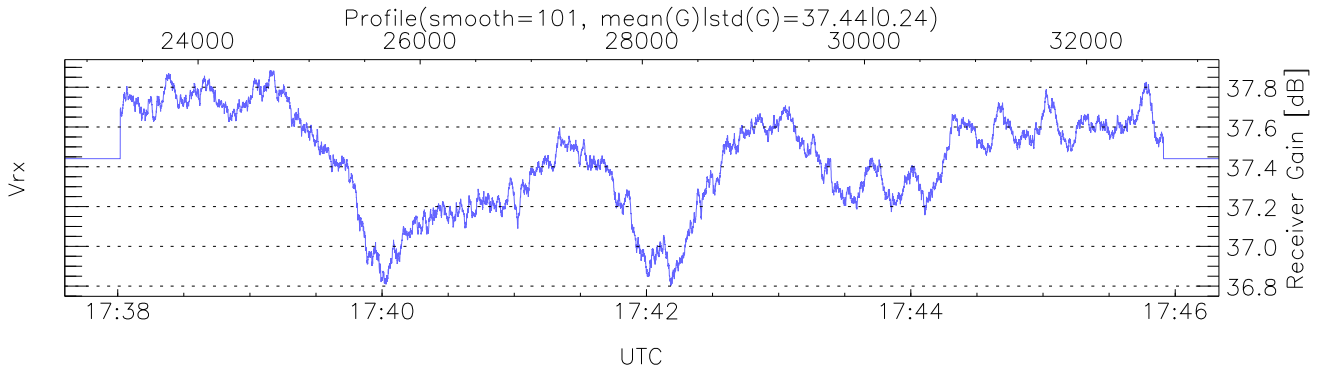
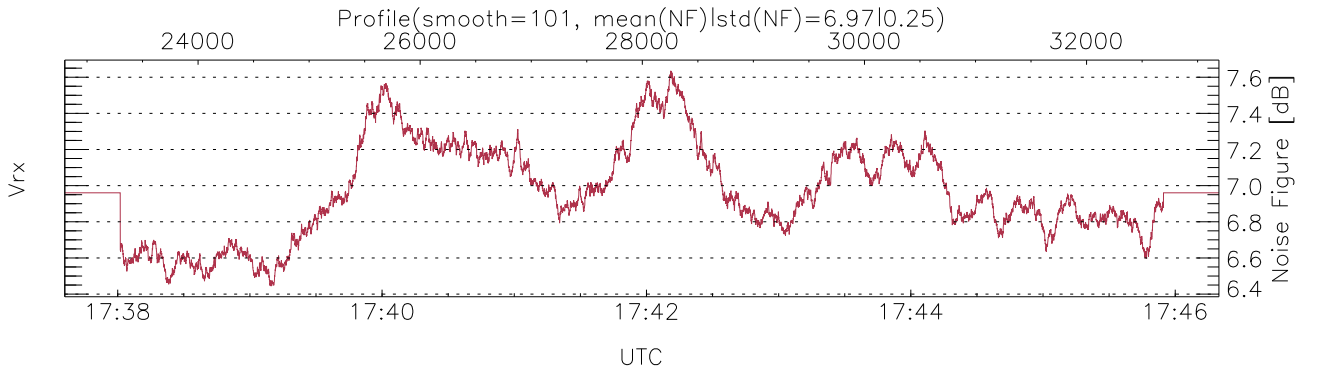
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:18:27-17:46:20, Dur: 1673.30s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 10393/33193, 22800-33192/17:37:36-17:46:20
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rgs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



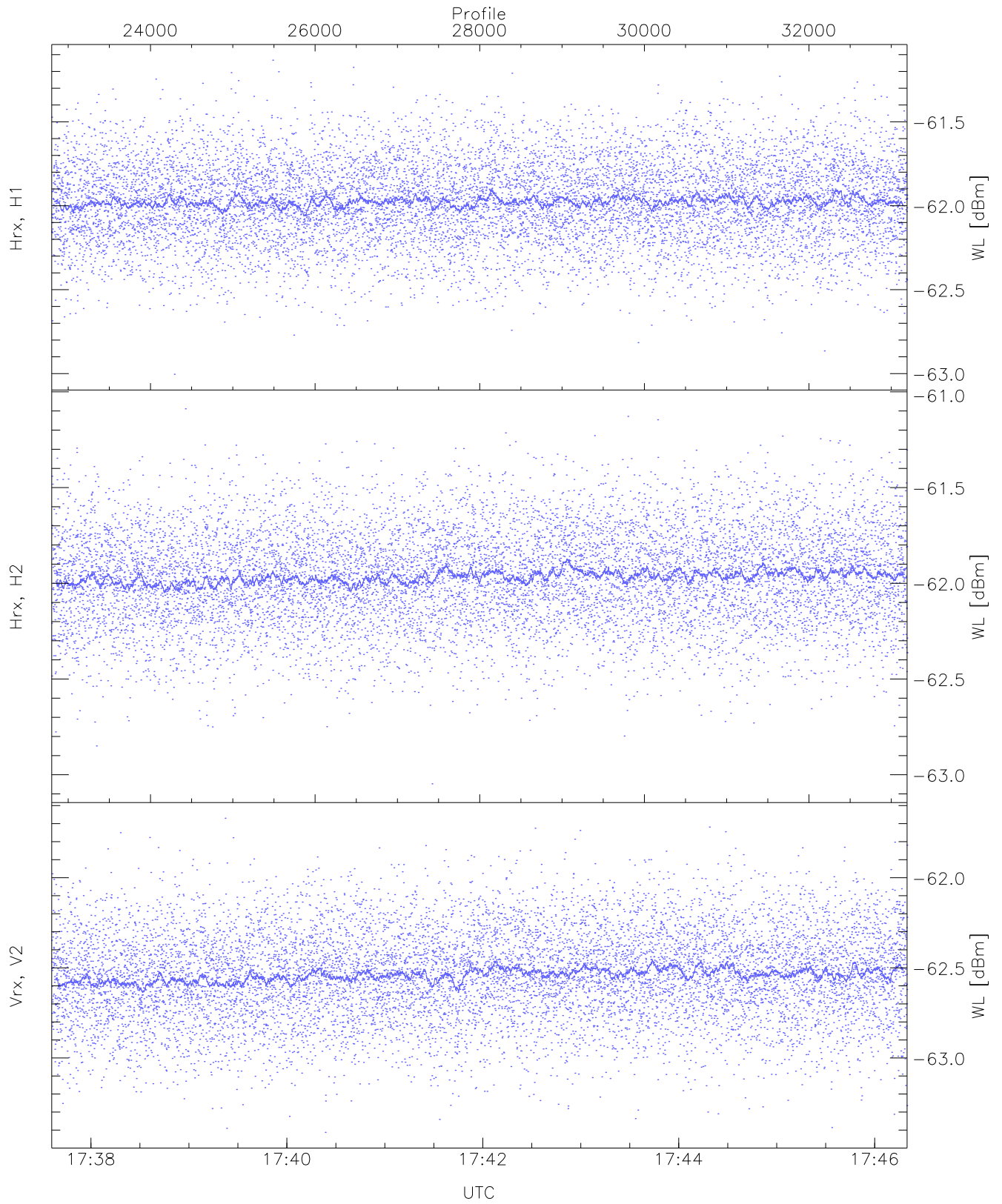
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,17,25,23,27
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,22,30,25,29
 LOalarm(20,80,240,2.8,14.8 MHz): 11,0,0,0,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty (5,5,5,5,5)



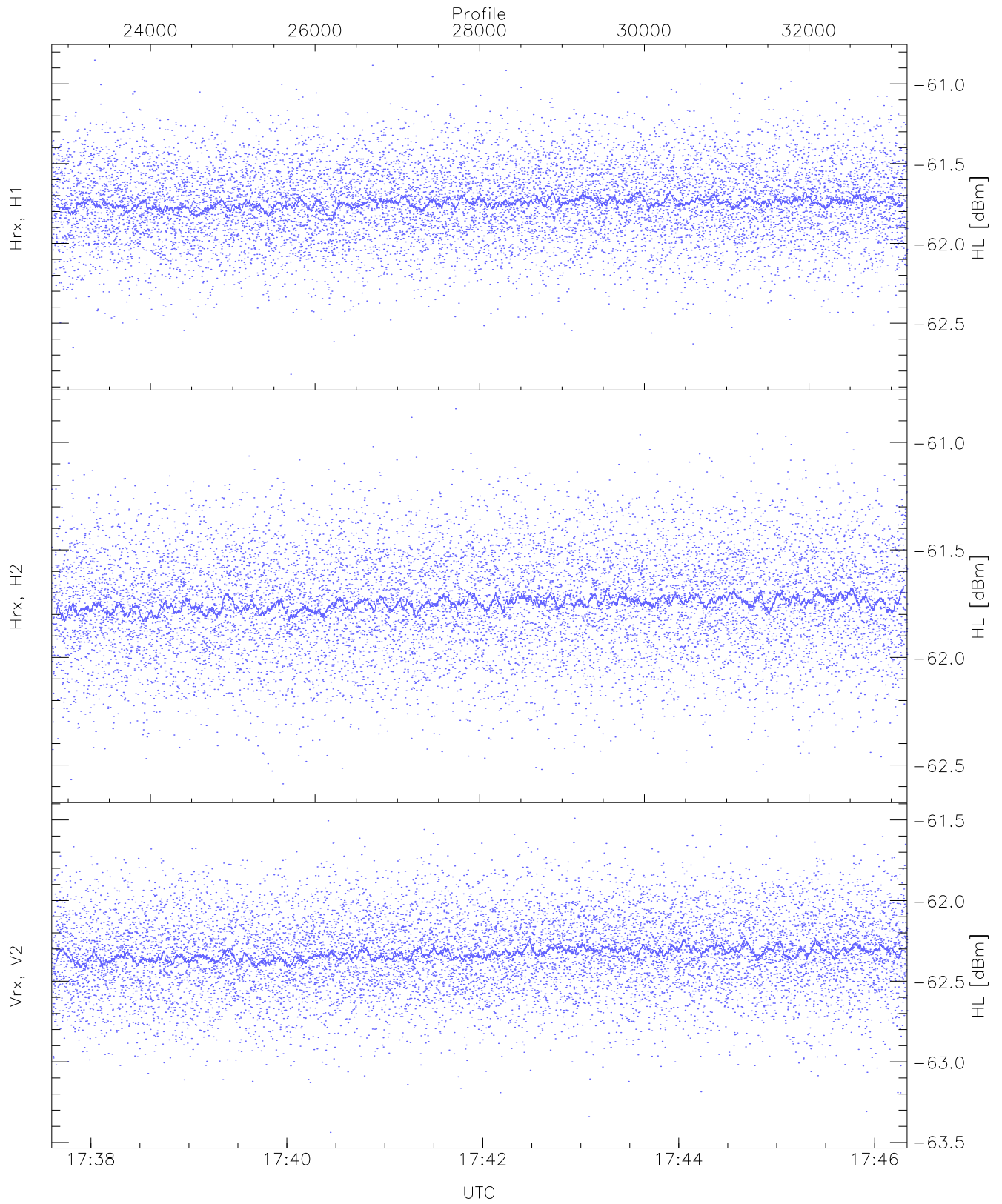
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 11360 pixs, 15 gates, 10033 profs, 1 prods



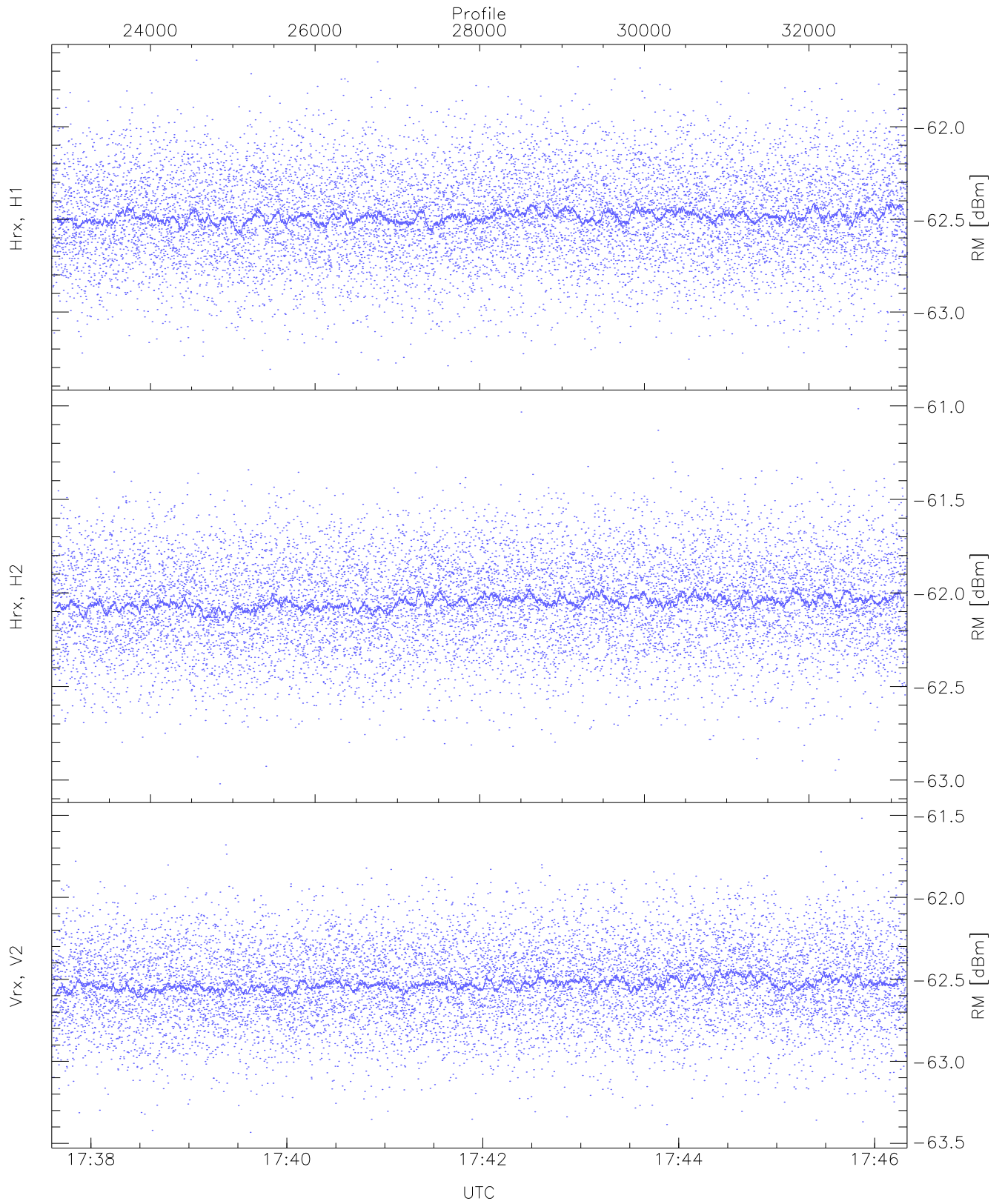
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.00	-61.13	-61.97	-61.98	-74.59
Hrx, H2 (WL [dBm])	-63.05	-61.09	-61.96	-61.97	-74.56
Vrx, V2 (WL [dBm])	-63.41	-61.67	-62.54	-62.54	-75.07



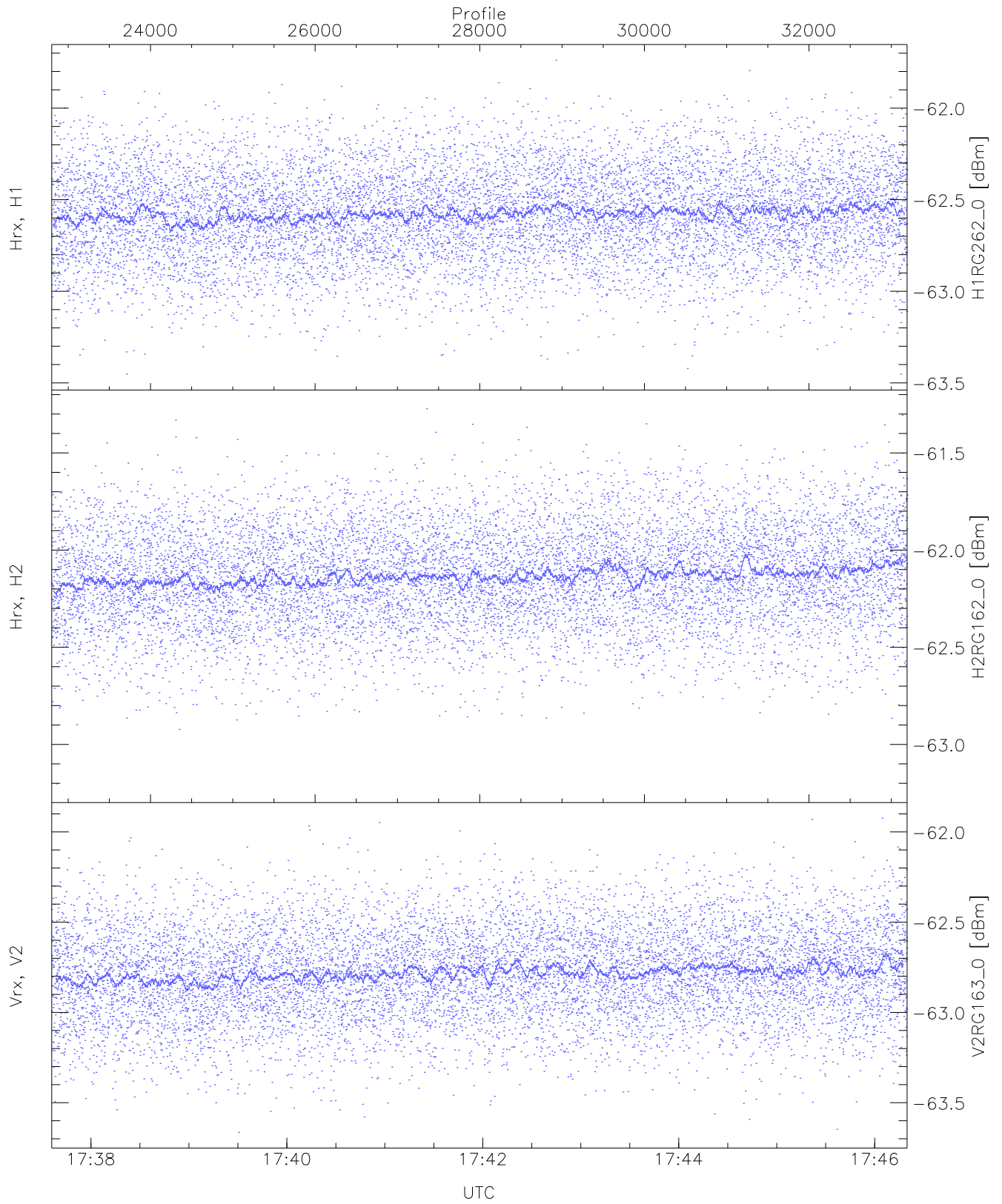
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.82	-60.85	-61.74	-61.75	-74.33
Hrx, H2 (HL [dBm])	-62.59	-60.84	-61.75	-61.75	-74.36
Vrx, V2 (HL [dBm])	-63.44	-61.49	-62.32	-62.33	-74.79



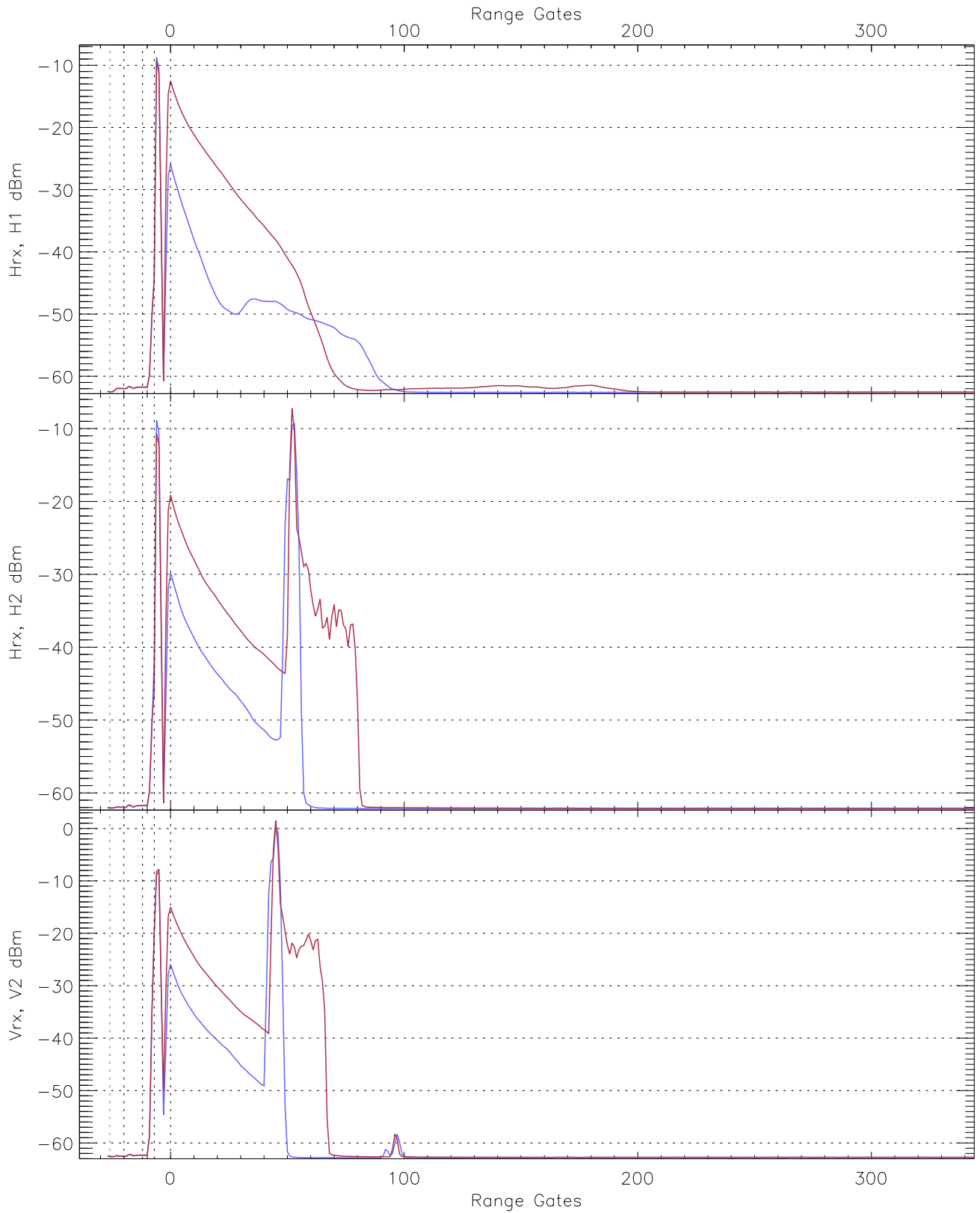
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.34	-61.64	-62.48	-62.49	-75.03
Hrx, H2(RM [dBm])	-63.02	-61.02	-62.05	-62.05	-74.60
Vrx, V2(RM [dBm])	-63.43	-61.52	-62.53	-62.53	-75.06

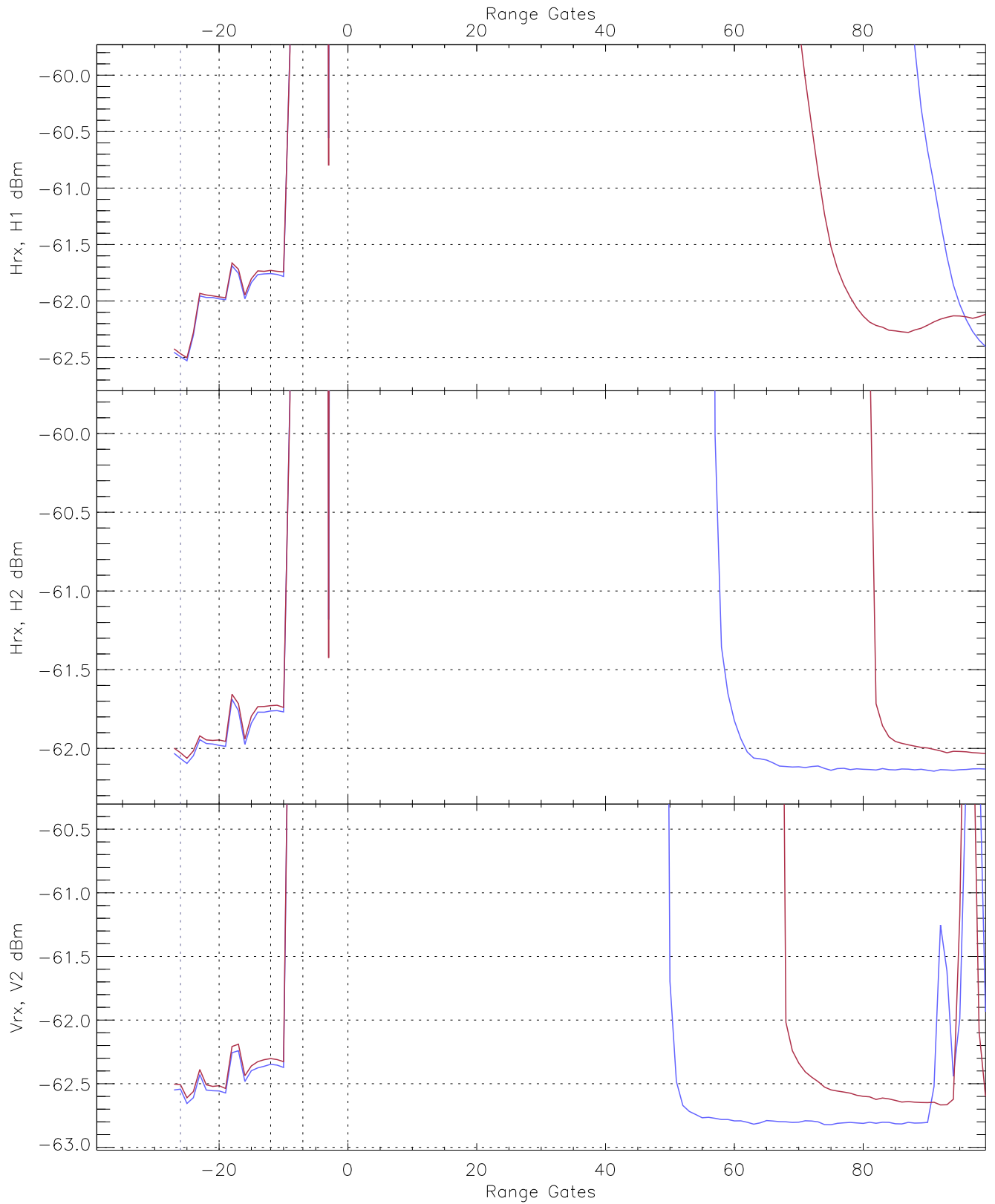


WCR2 CPP "Best" estimate Receivers Noise Power

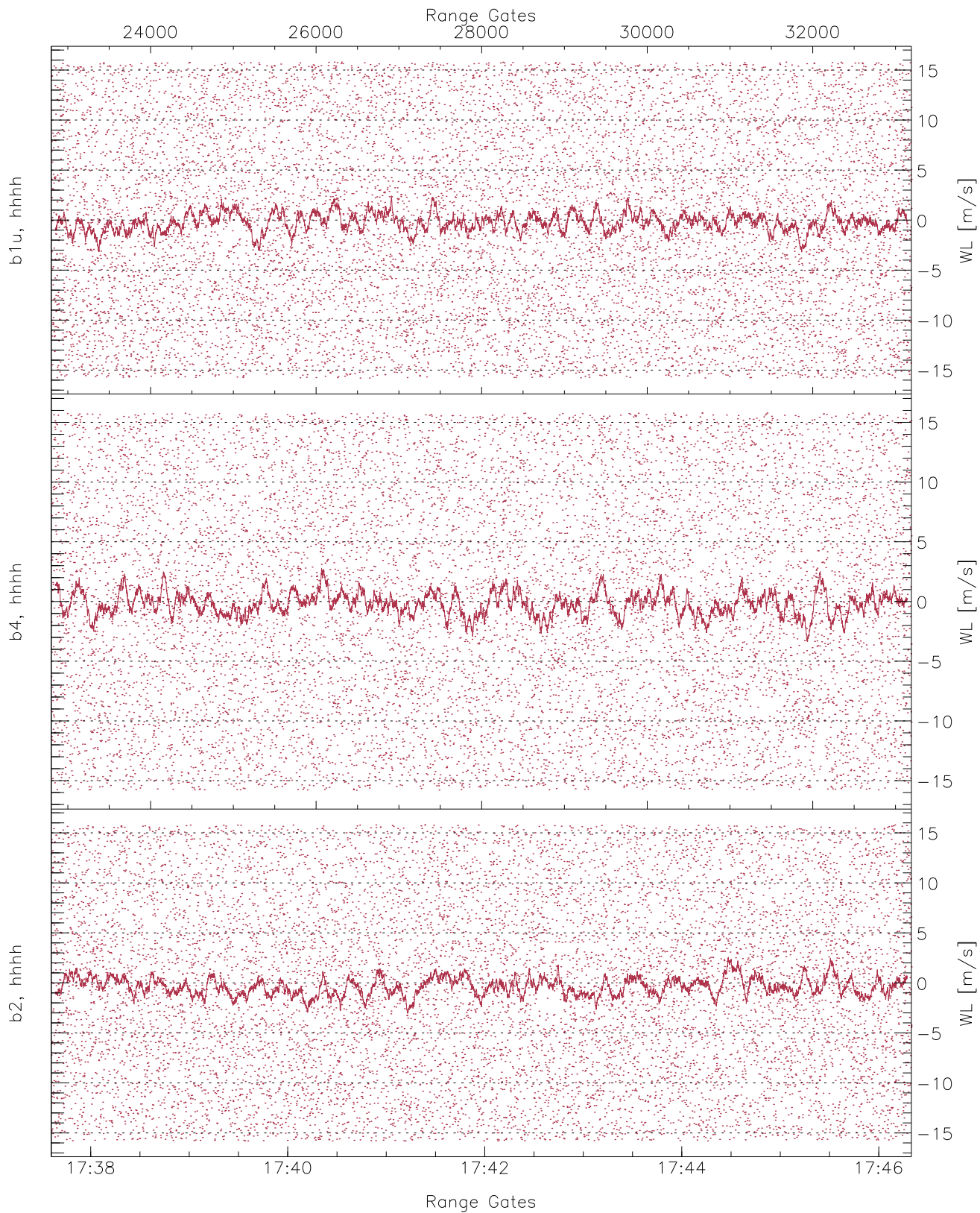
	Min	Max	Mean	Median	StDev
H1RG262_0 [dBm]	-63.45	-61.74	-62.57	-62.58	-75.20
H2RG162_0 [dBm]	-63.20	-61.27	-62.13	-62.14	-74.72
V2RG163_0 [dBm]	-63.66	-61.92	-62.78	-62.78	-75.37



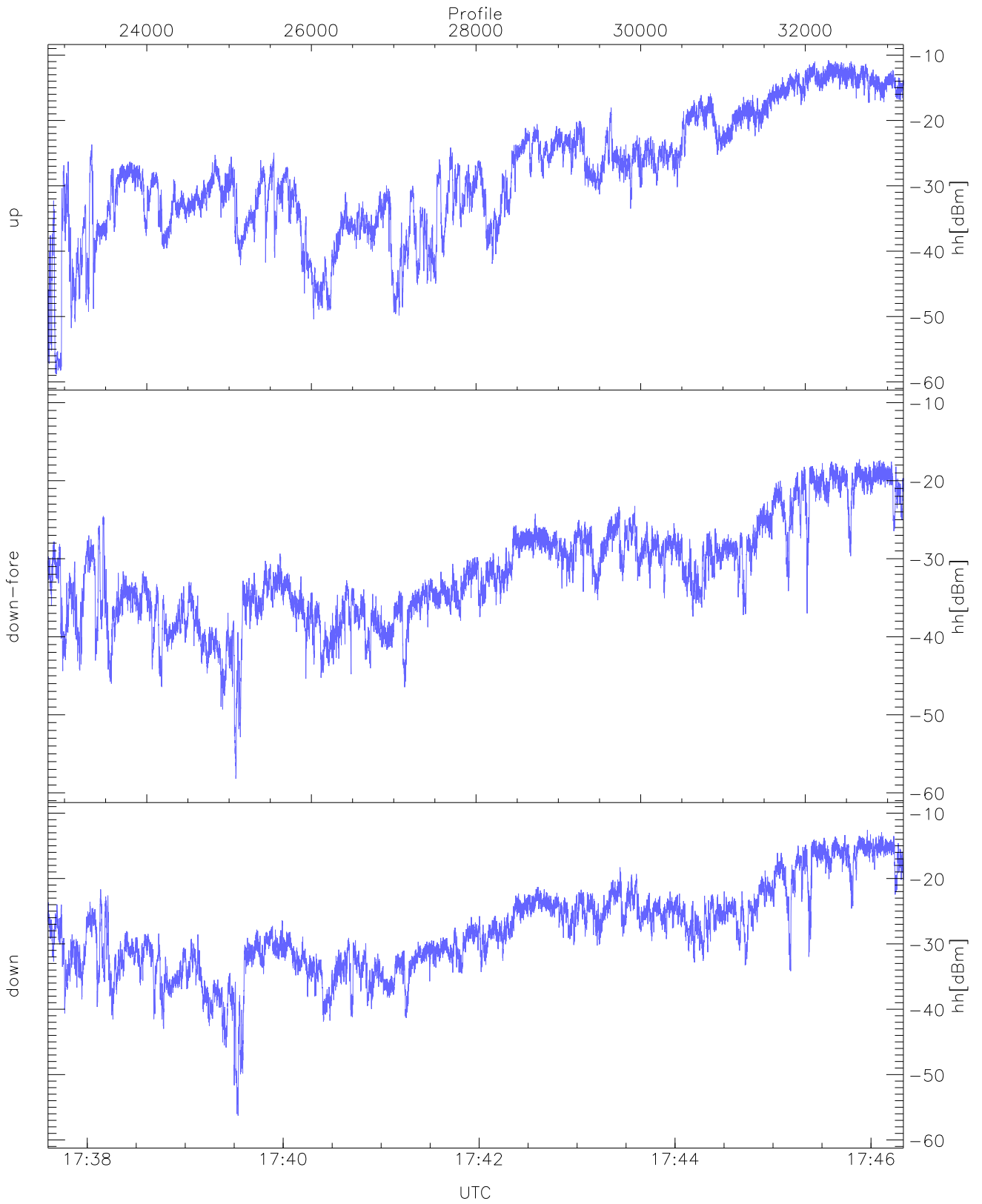
WCR2 CPP Averaged Received power for all recorded gates
blue: 173736-174158, 5197 profiles averaged
red: 174158-174620, 5197 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 173736-174158, 5197 profiles averaged
red: 174158-174620, 5197 profiles averaged

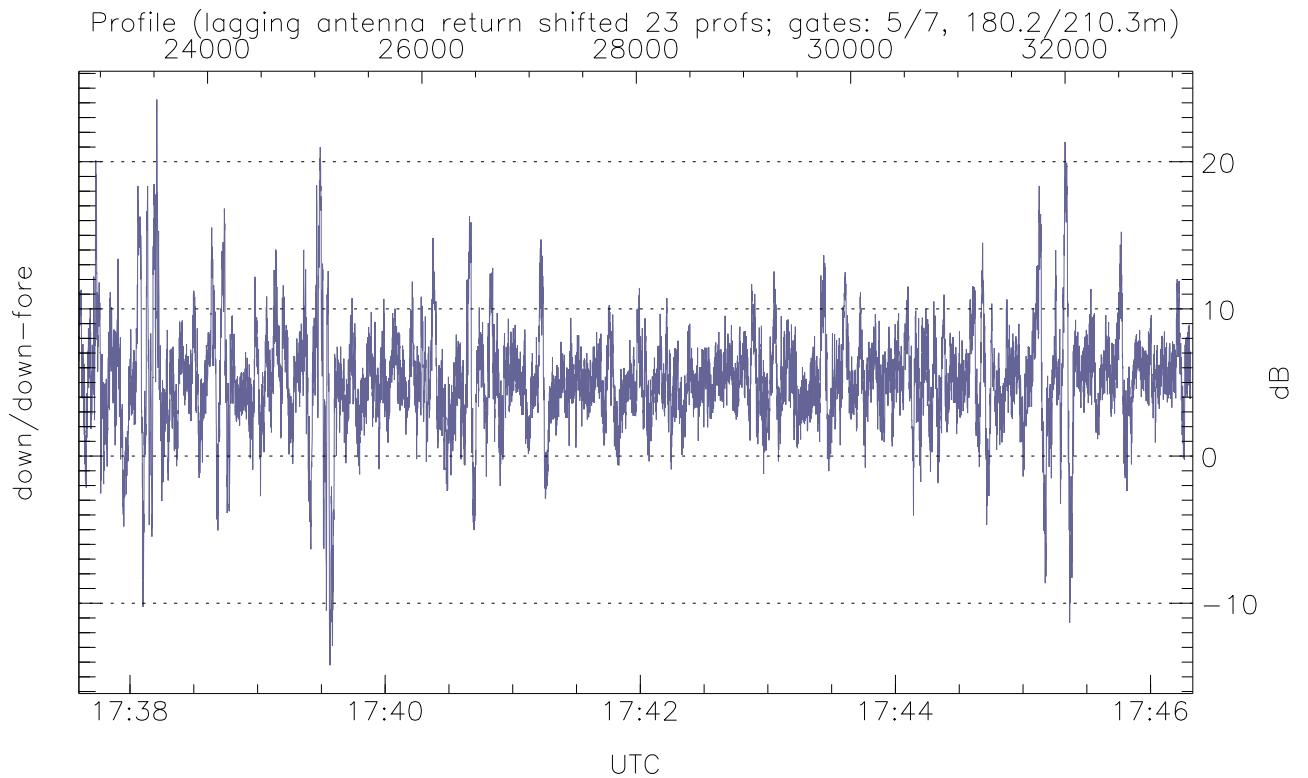
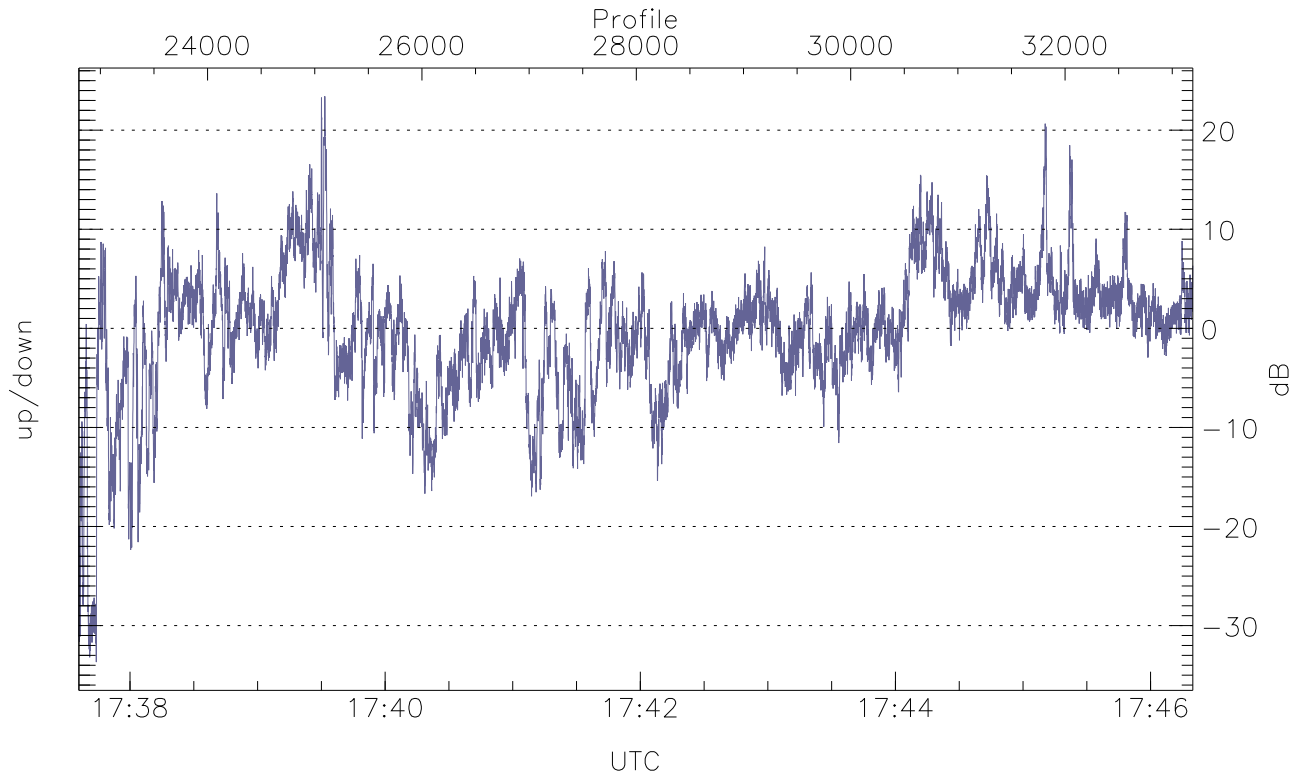


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



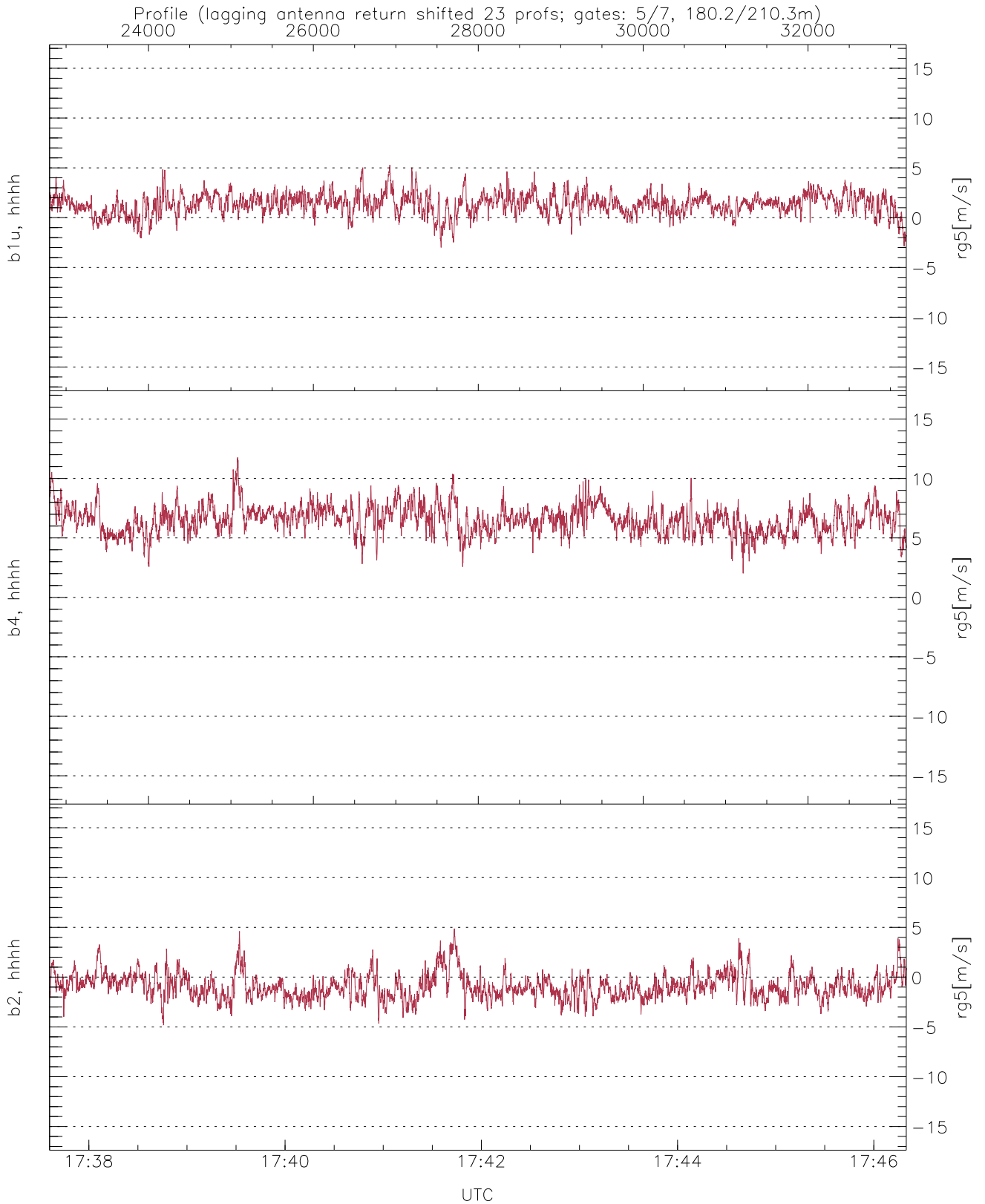
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-58.84	-10.78	-20.62
down-fore(hh[dBm])	-58.20	-17.25	-27.01
down(hh[dBm])	-56.27	-12.60	-23.12



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-33.68	23.42	-0.22
down/down-fore (dB)	-14.21	24.23	5.18



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.99	5.29	1.34	1.06
b4, hhhh(rg5[m/s])	2.02	11.77	6.55	1.16
b2, hhhh(rg5[m/s])	-4.79	4.86	-0.91	1.27