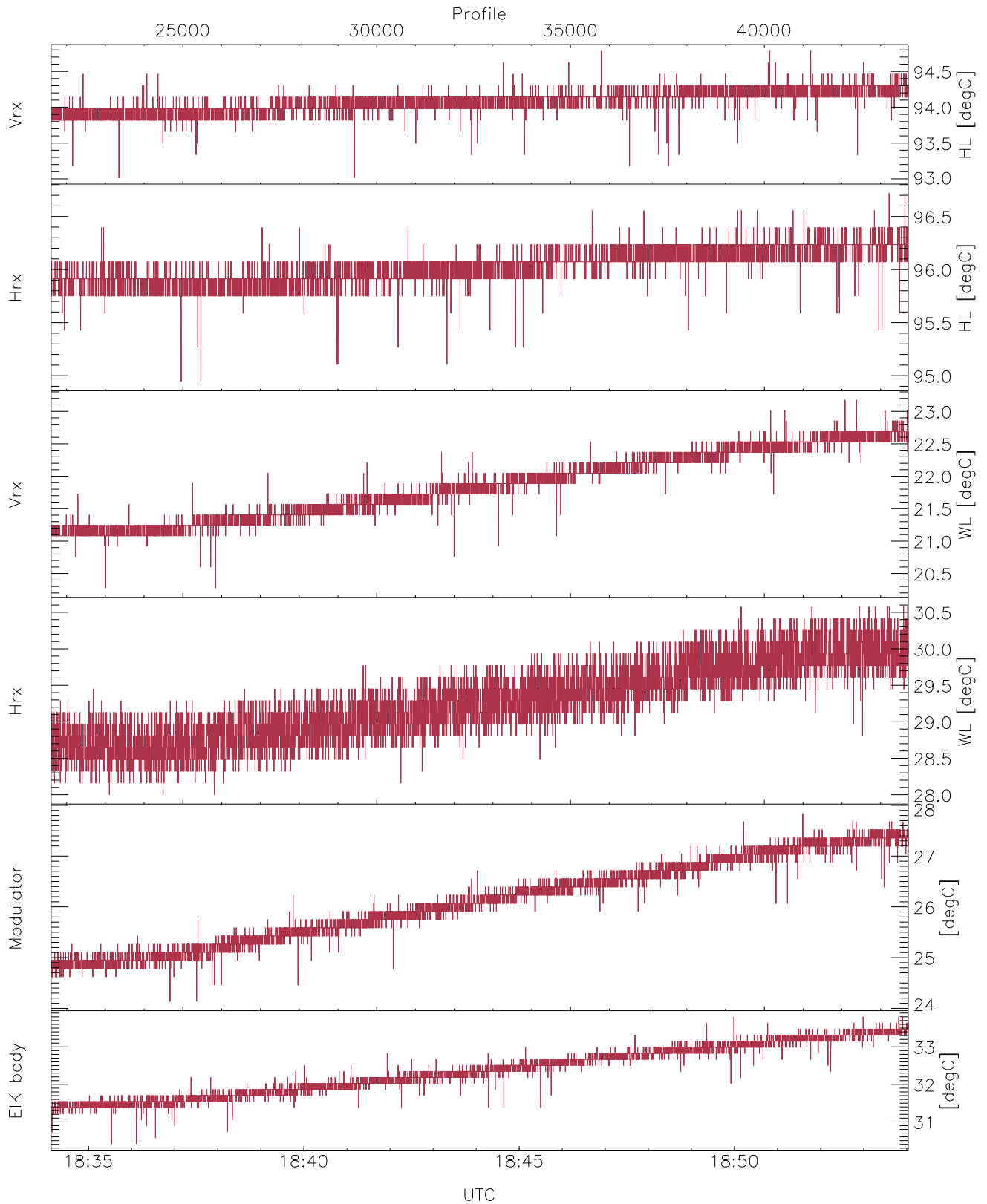


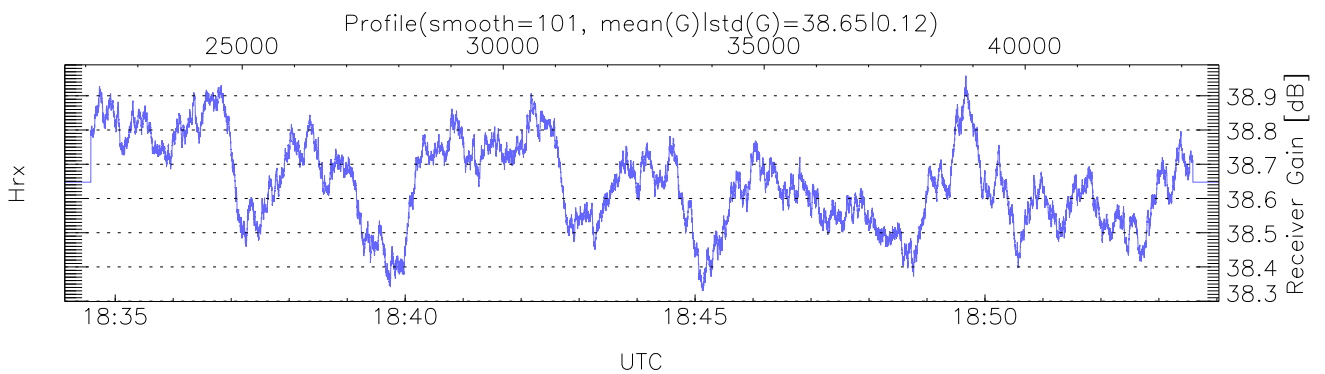
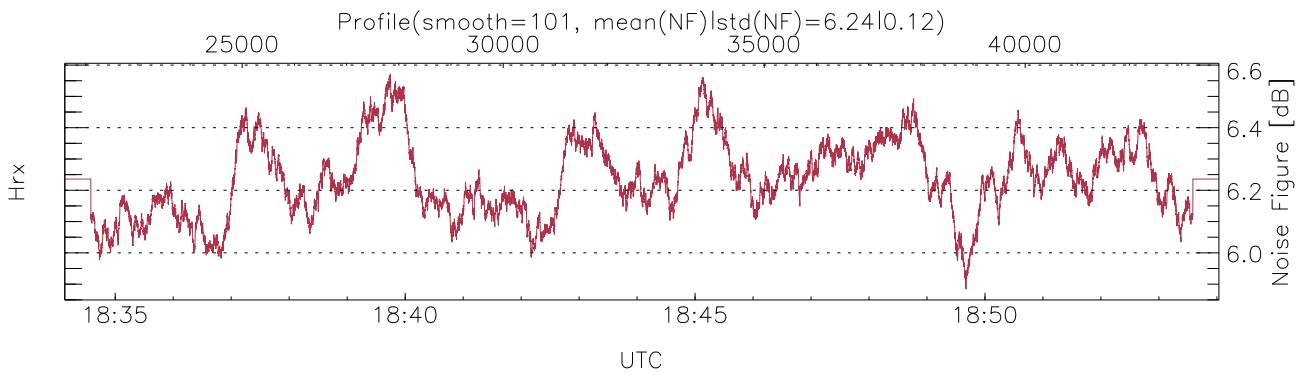
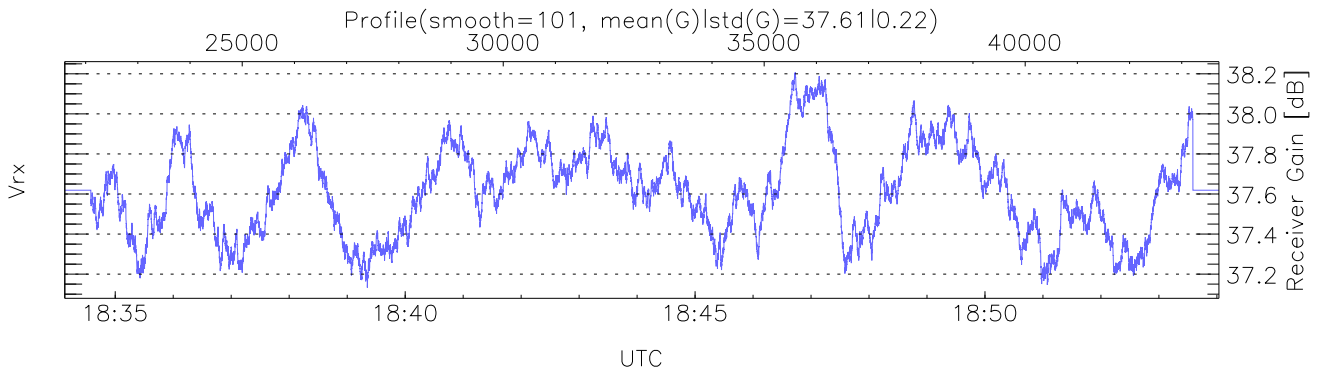
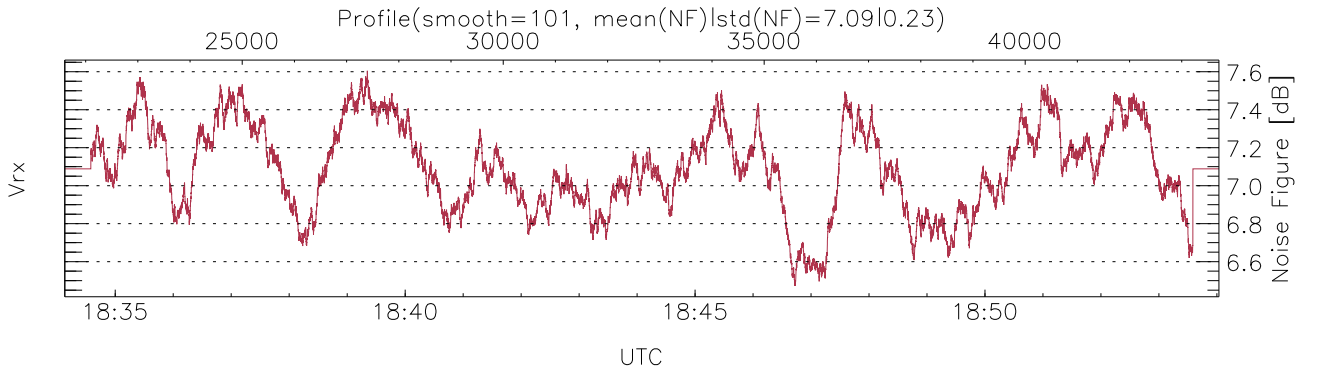
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:14:41-18:54:02, Dur: 2361.09s
 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): 22114/43714, 21600-43713/18:34:08-18:54:02
 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



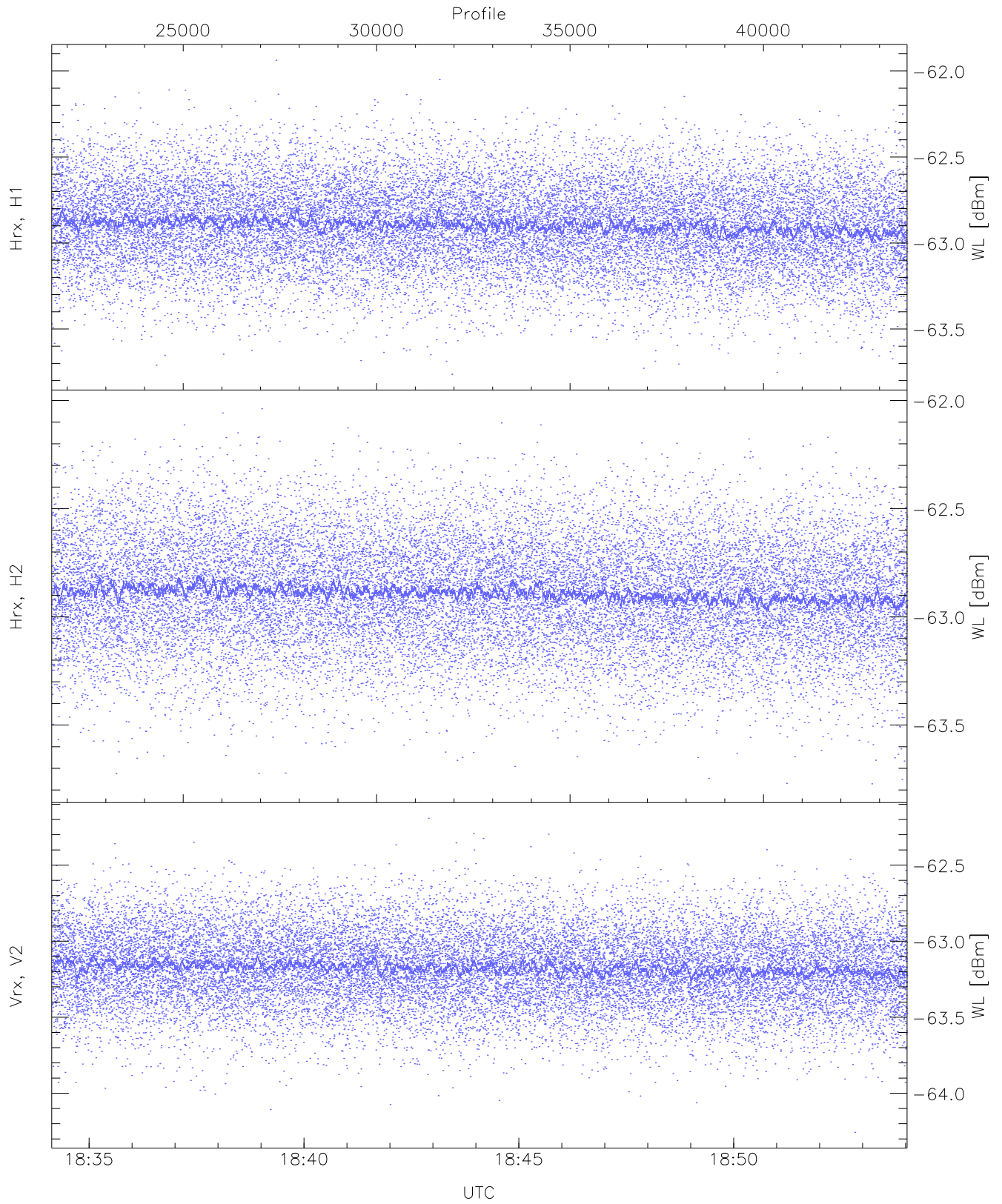
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,28,24,30
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,23,30,27,33
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,10,10,9)



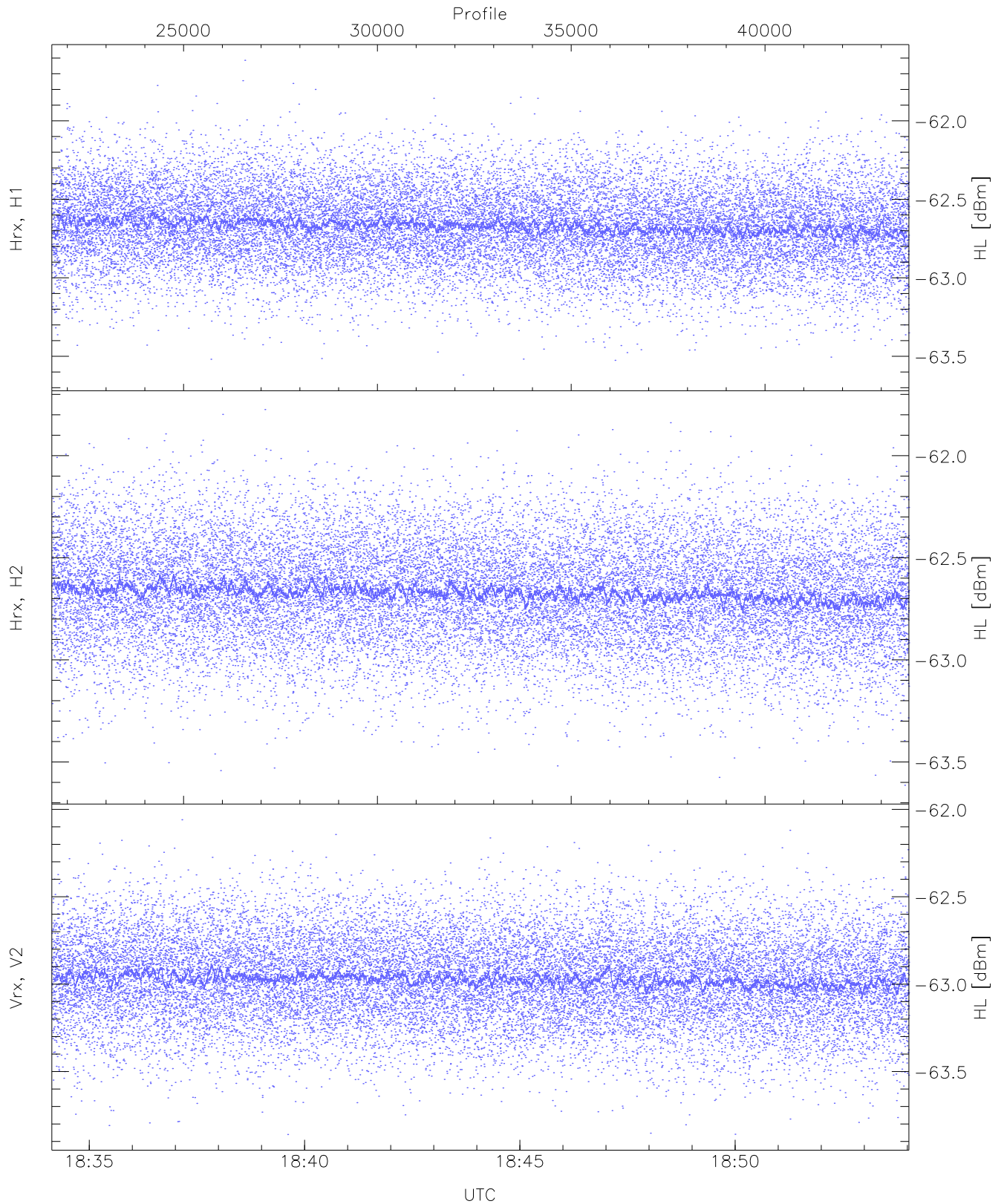
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1090 pixs, 60 gates, 1074 profs, 1 prods



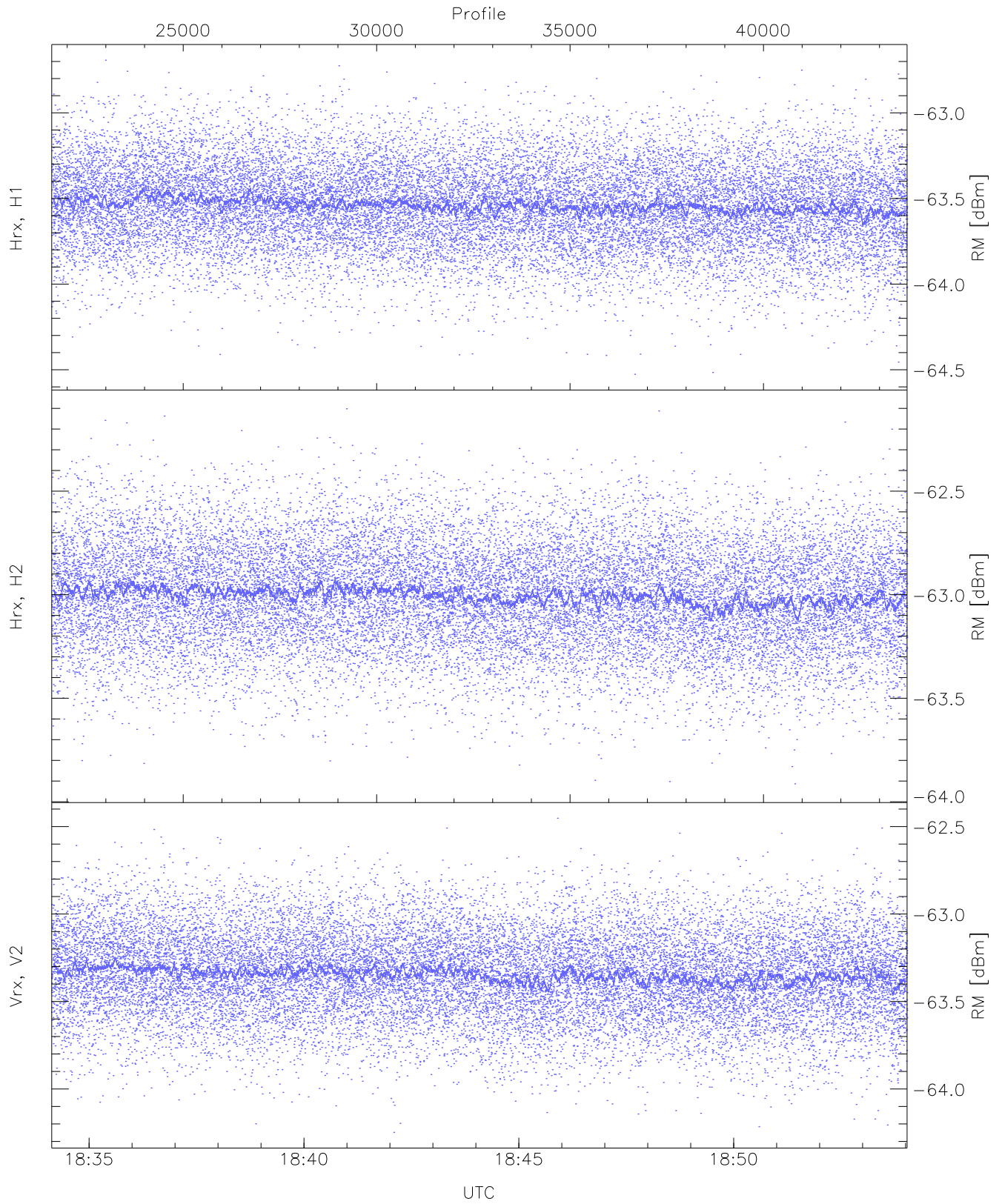
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.76	-61.94	-62.89	-62.90	-75.64
Hrx, H2(WL [dBm])	-63.77	-62.04	-62.89	-62.89	-75.62
Vrx, V2(WL [dBm])	-64.26	-62.19	-63.17	-63.18	-75.87



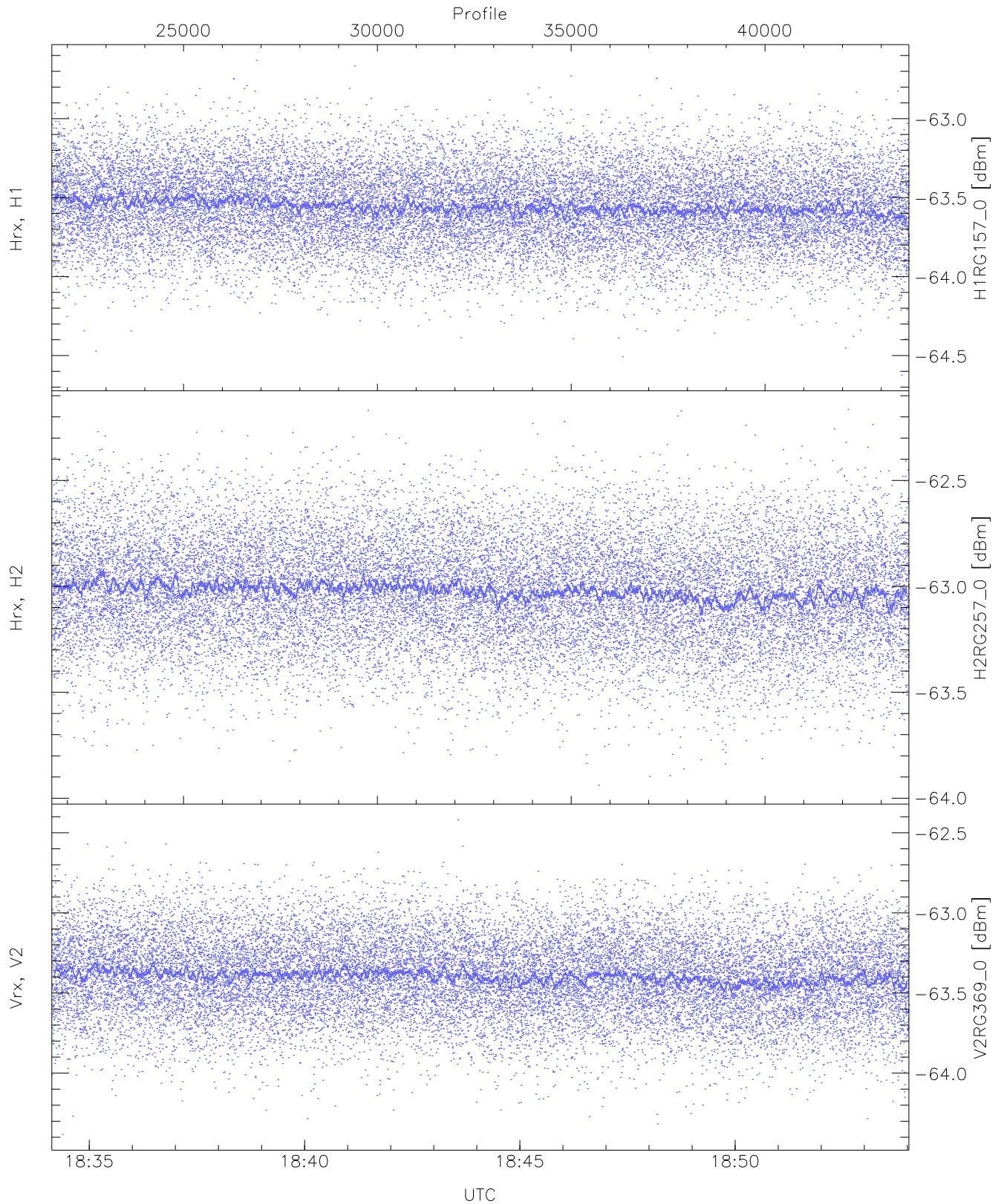
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.62	-61.61	-62.67	-62.67	-75.38
Hrx, H2 (HL [dBm])	-63.61	-61.77	-62.67	-62.67	-75.37
Vrx, V2 (HL [dBm])	-63.86	-62.06	-62.97	-62.97	-75.67



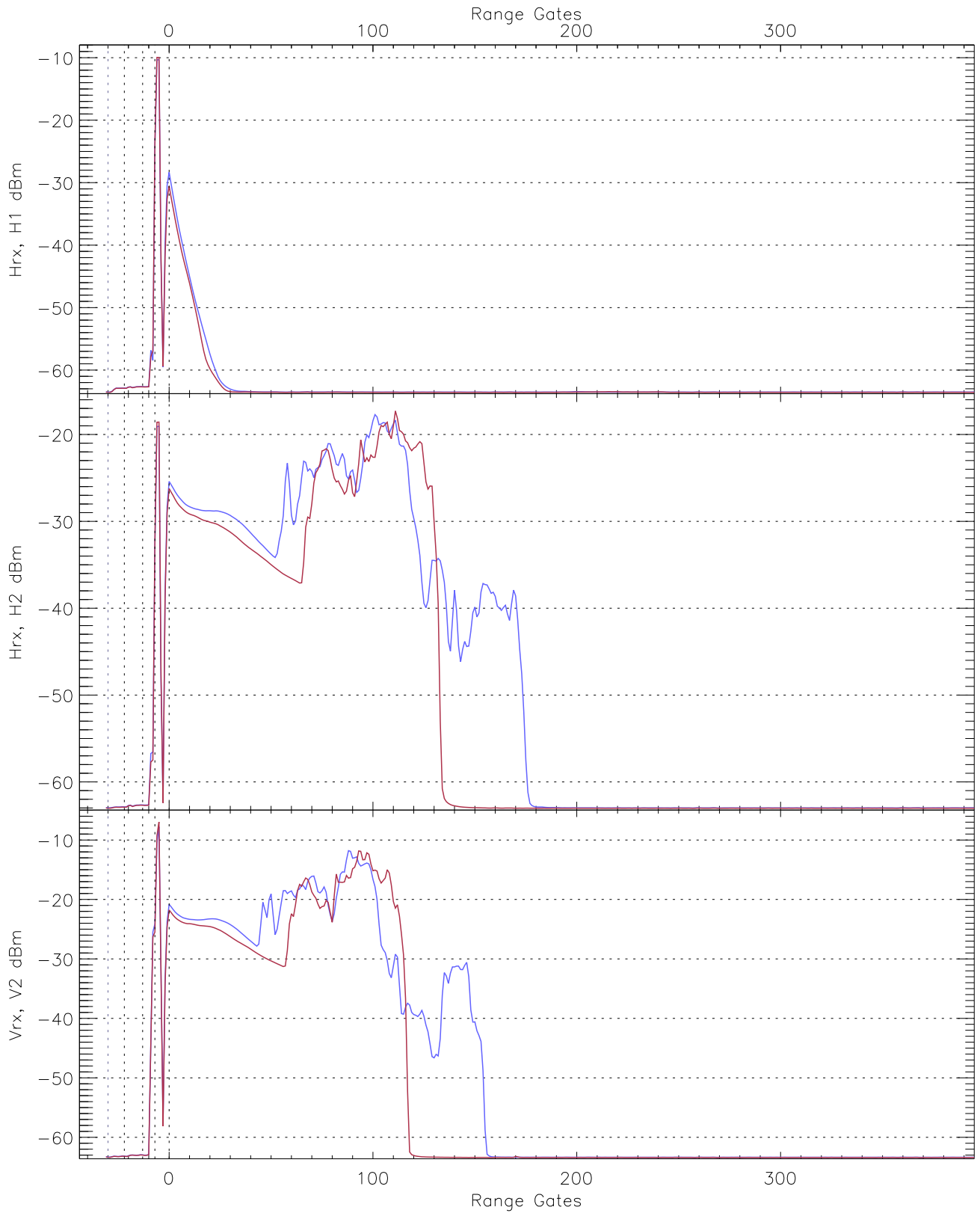
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.53	-62.69	-63.54	-63.54	-76.22
Hrx, H2 (RM [dBm])	-63.91	-62.10	-63.00	-63.01	-75.67
Vrx, V2 (RM [dBm])	-64.25	-62.45	-63.34	-63.35	-76.01

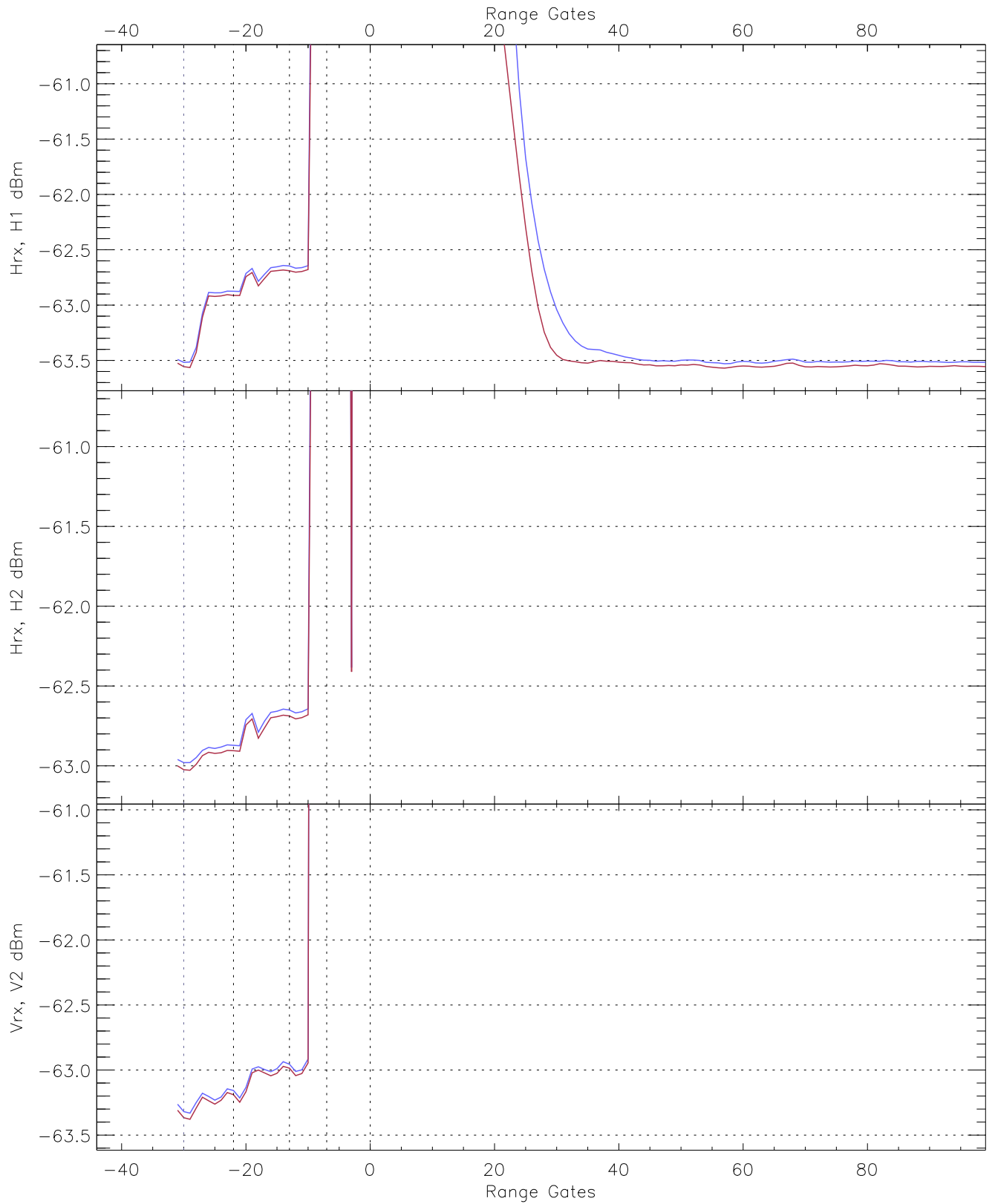


WCR2 CPP "Best" estimate Receivers Noise Power

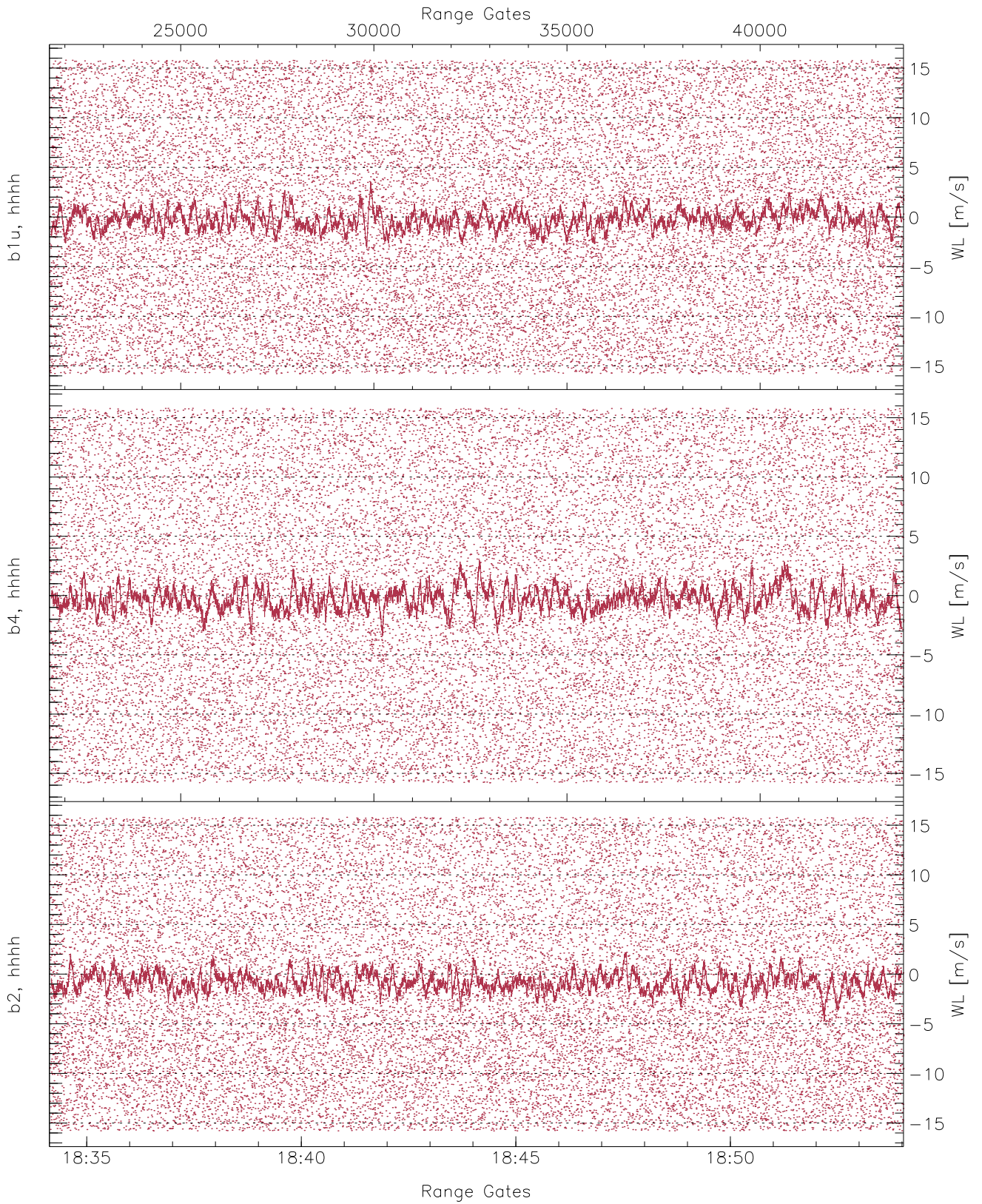
	Min	Max	Mean	Median	StDev
H1RG157_0 [dBm]	-64.62	-62.63	-63.55	-63.56	-76.27
H2RG257_0 [dBm]	-63.94	-62.17	-63.02	-63.02	-75.73
V2RG369_0 [dBm]	-64.38	-62.42	-63.39	-63.40	-76.03



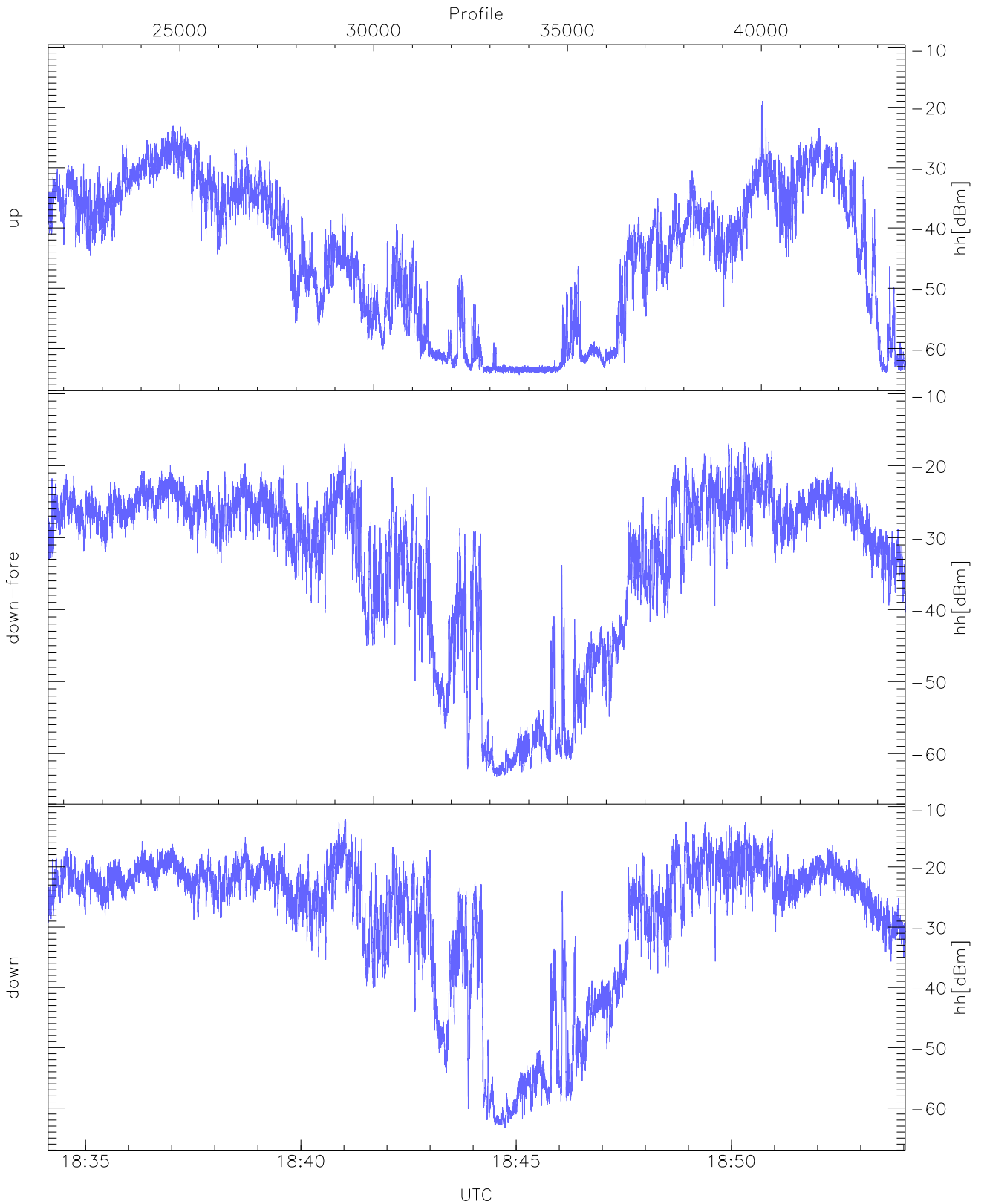
WCR2 CPP Averaged Received power for all recorded gates
blue: 183408-184405, 11058 profiles averaged
red: 184405-185402, 11057 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 183408-184405, 11058 profiles averaged
red: 184405-185402, 11057 profiles averaged

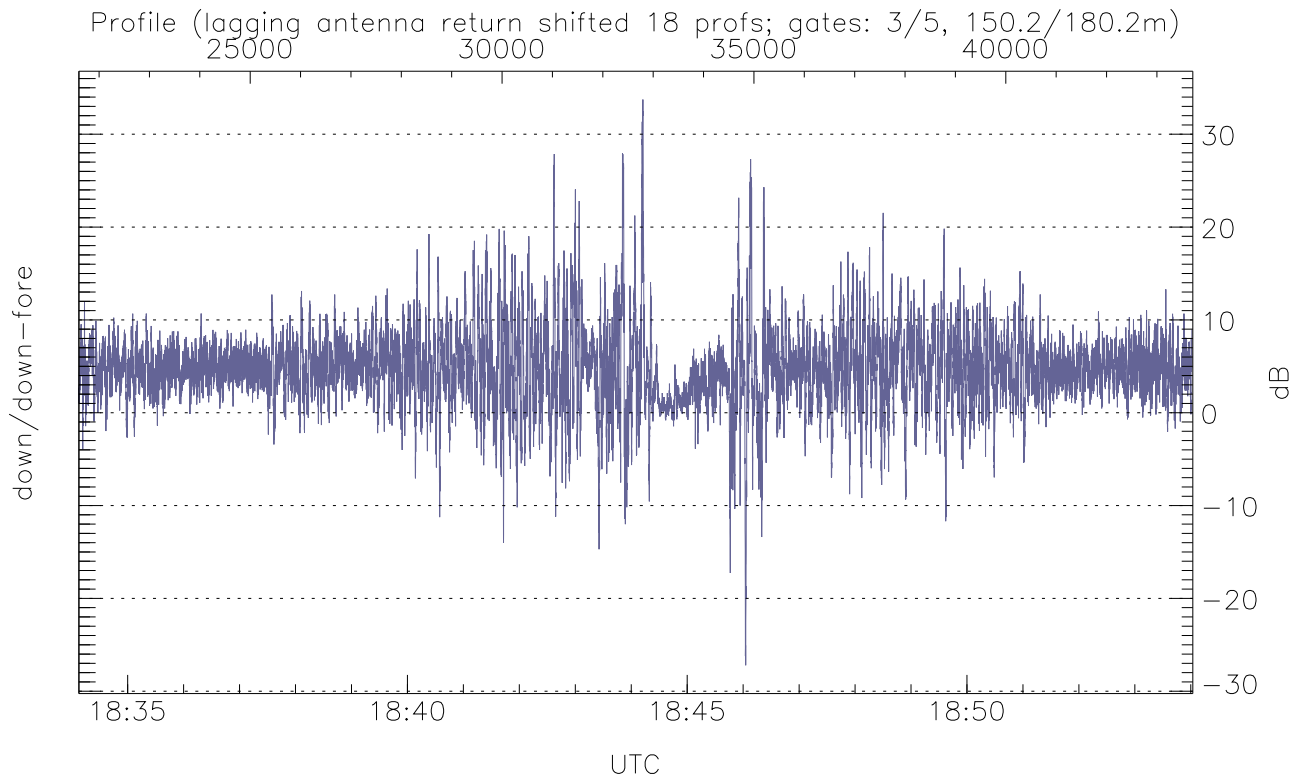
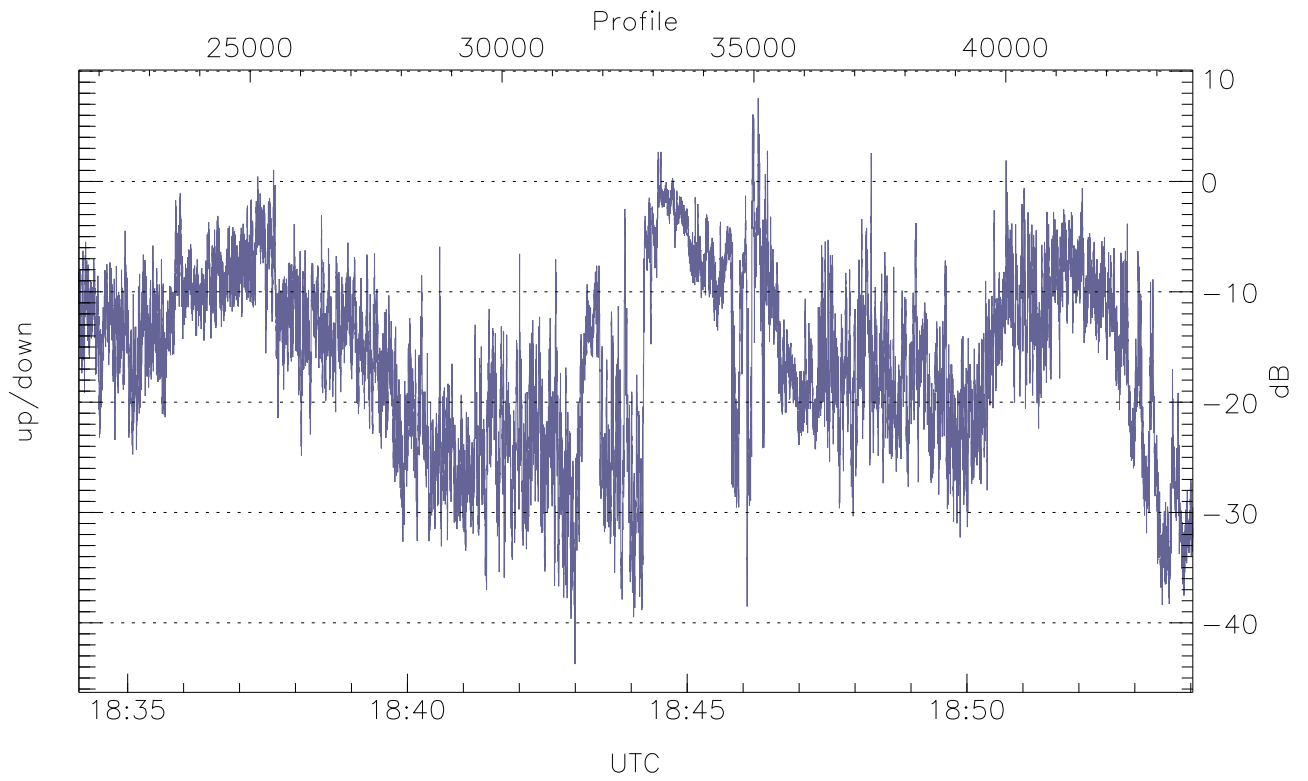


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



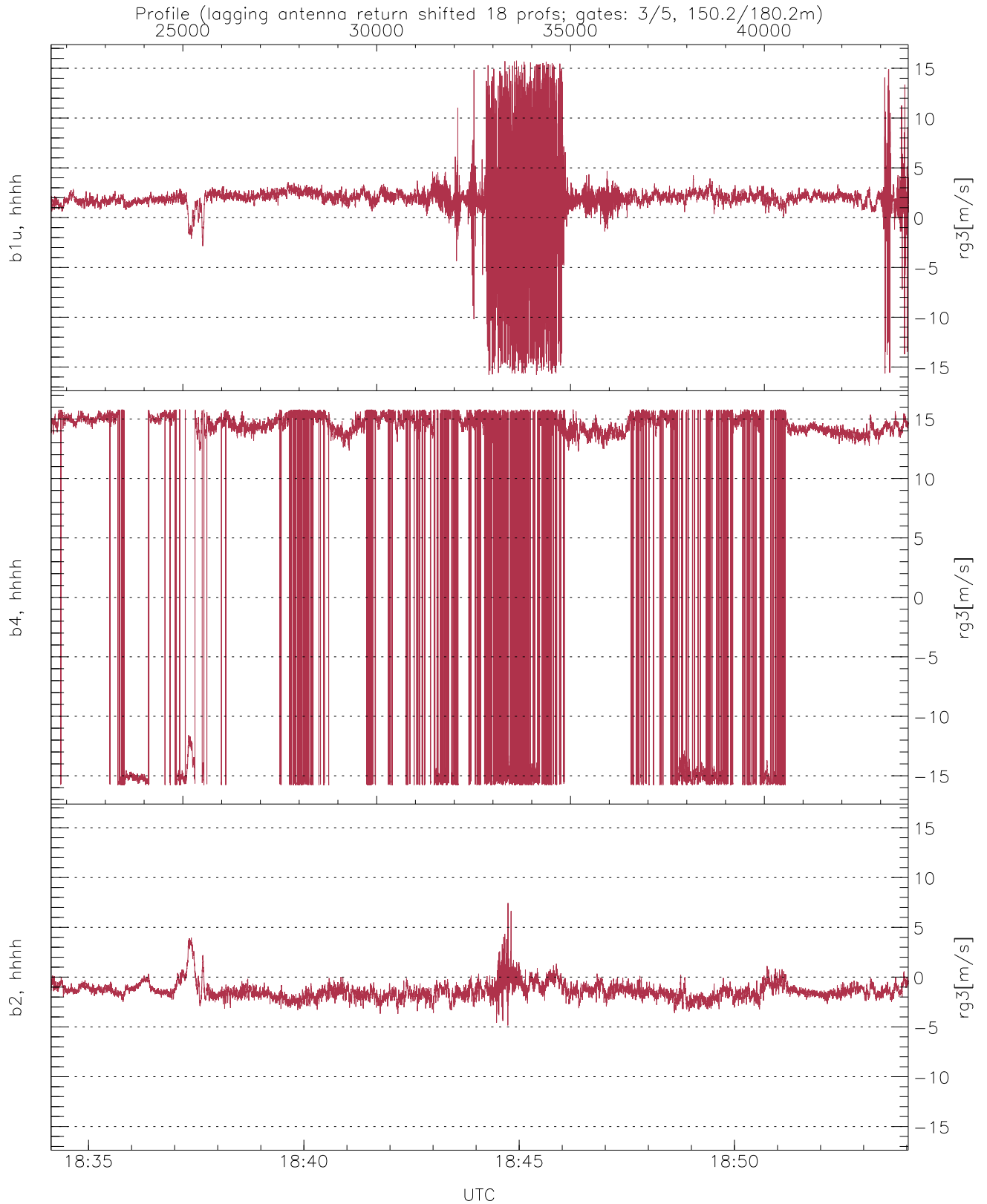
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.40	-18.96	-34.85
down-fore(hh[dBm])	-63.23	-16.76	-27.02
down(hh[dBm])	-63.31	-12.19	-22.56



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

	Min	Max	Mean
up/down (dB)	-43.74	7.54	-16.03
down/down-fore (dB)	-27.21	33.74	4.75



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.77	15.76	1.74	2.70
b4, hhhh(rg3[m/s])	-15.80	15.80	8.04	12.40
b2, hhhh(rg3[m/s])	-4.85	7.44	-1.37	0.84