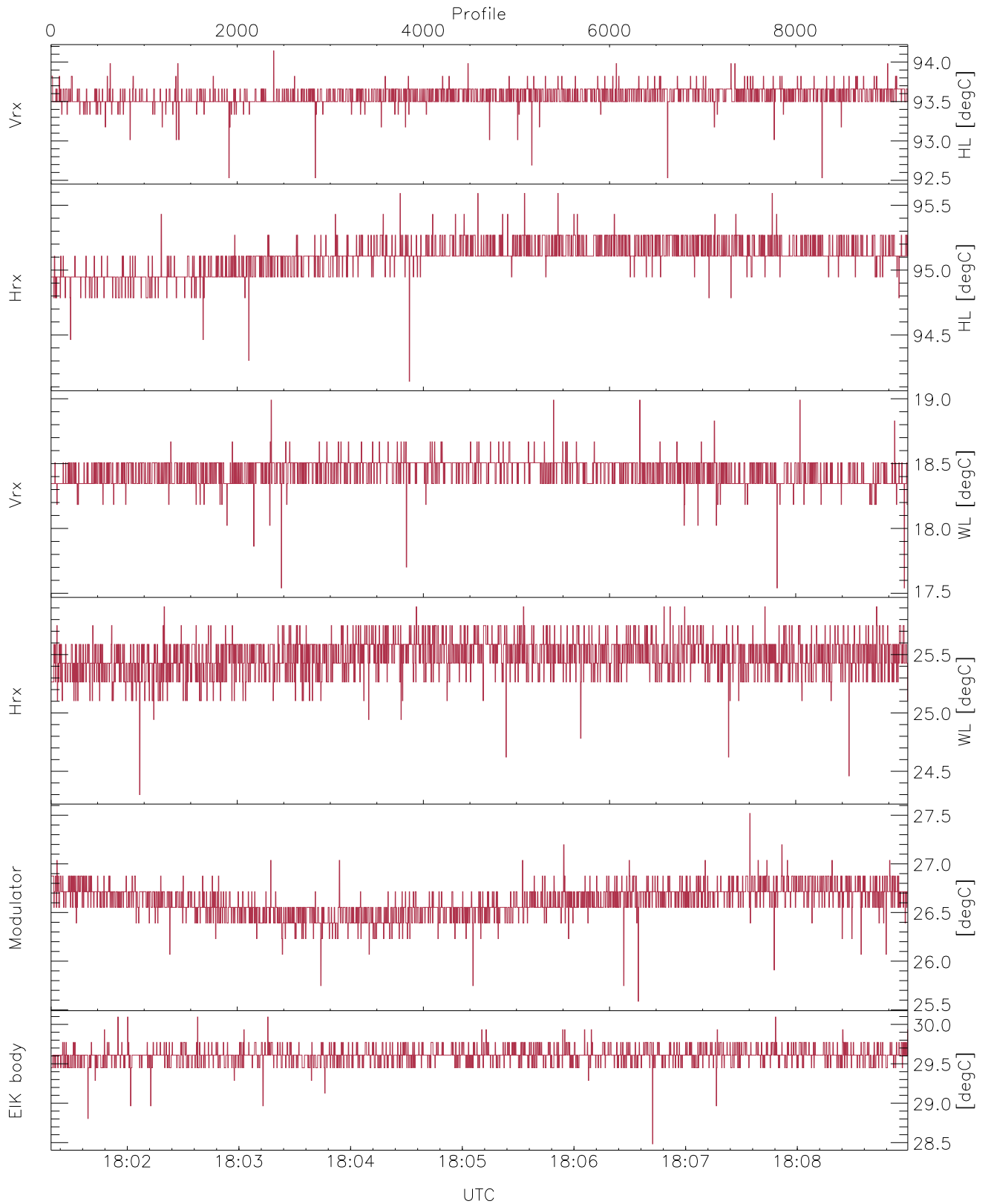


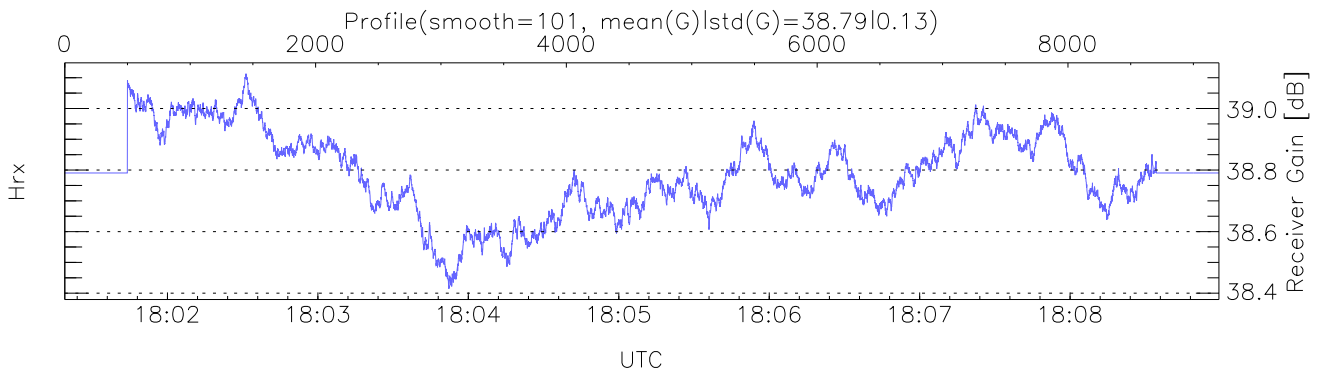
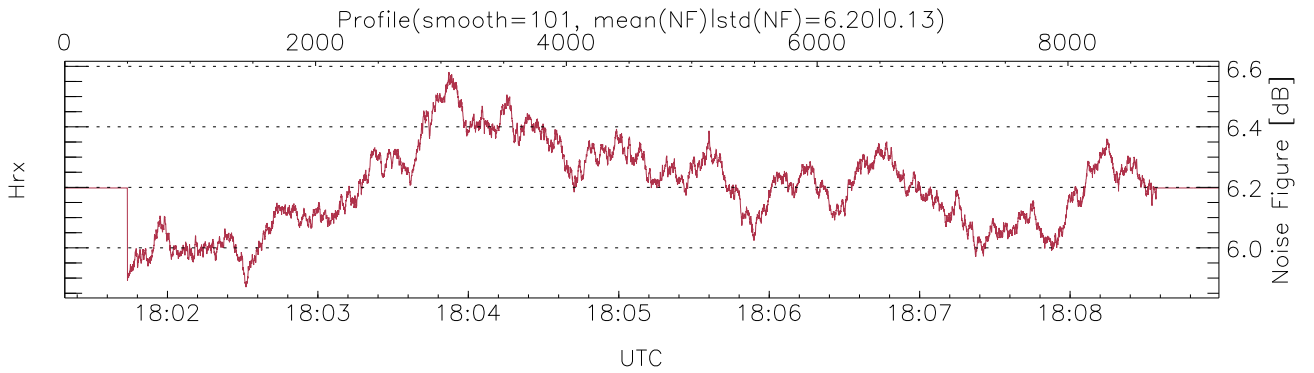
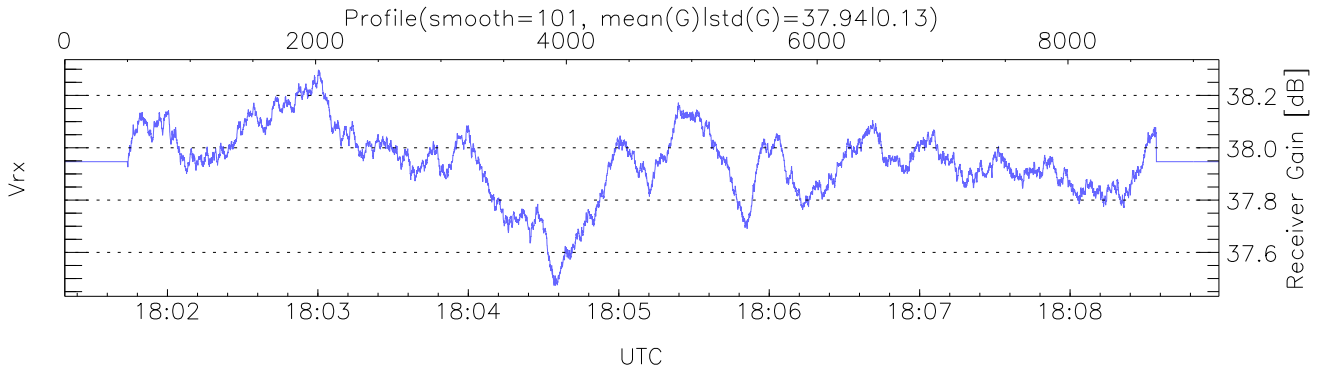
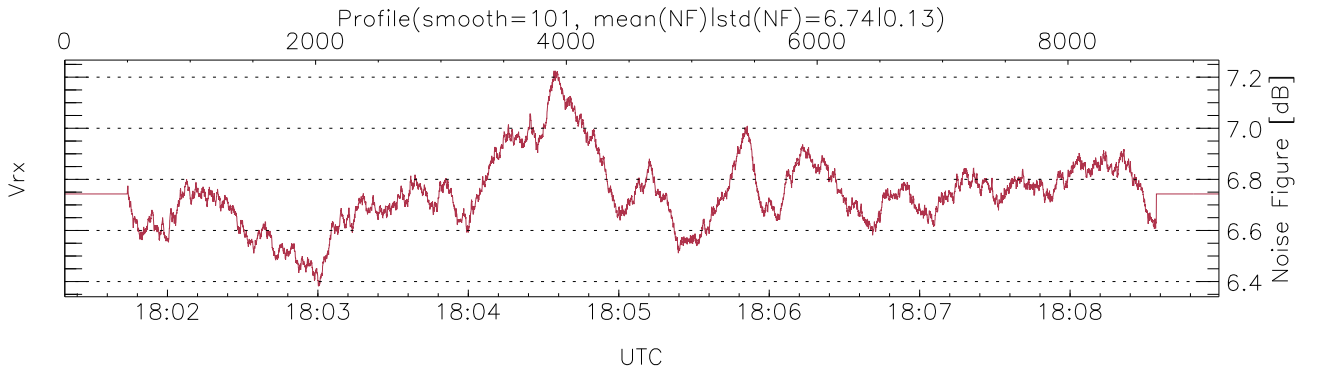
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:01:19-18:08:59, Dur: 460.32s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.0,50.0,50.0,0.0 ms / 20,20,20
 NumRec(r/t): 9205/9205, 0-9204/18:01:19-18:08:59
 AcqTime: 50.0ms, Rate: 113KB/s, Averages: 250
 Pulse: 200ns, IFF: 5.0MHz, Tx: V2 V2 H2 H2
 PRF: 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rgs): 105,3108,15.0 m, Gates: 201, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



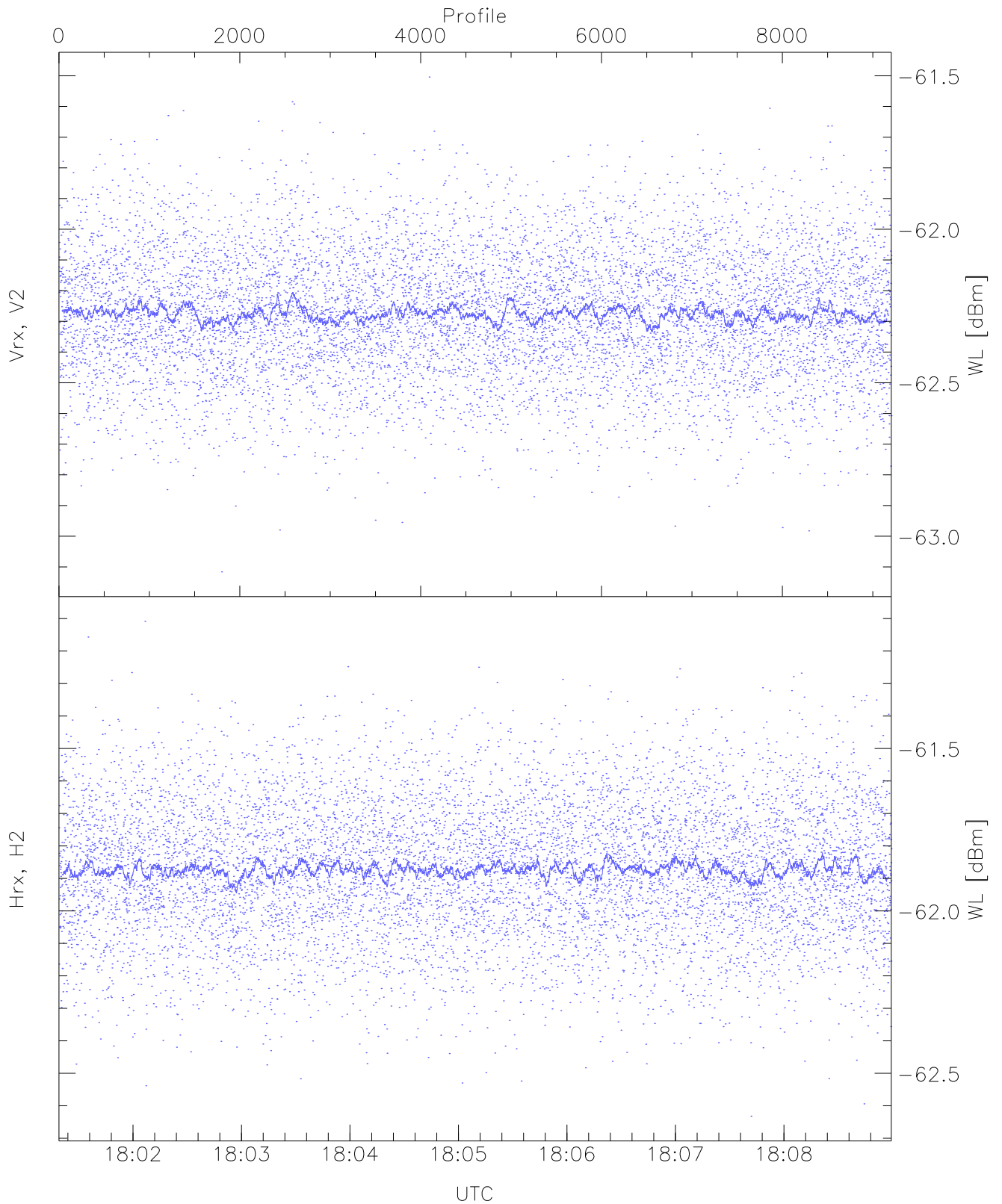
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,17,24,25,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,18,25,27,30
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,10)



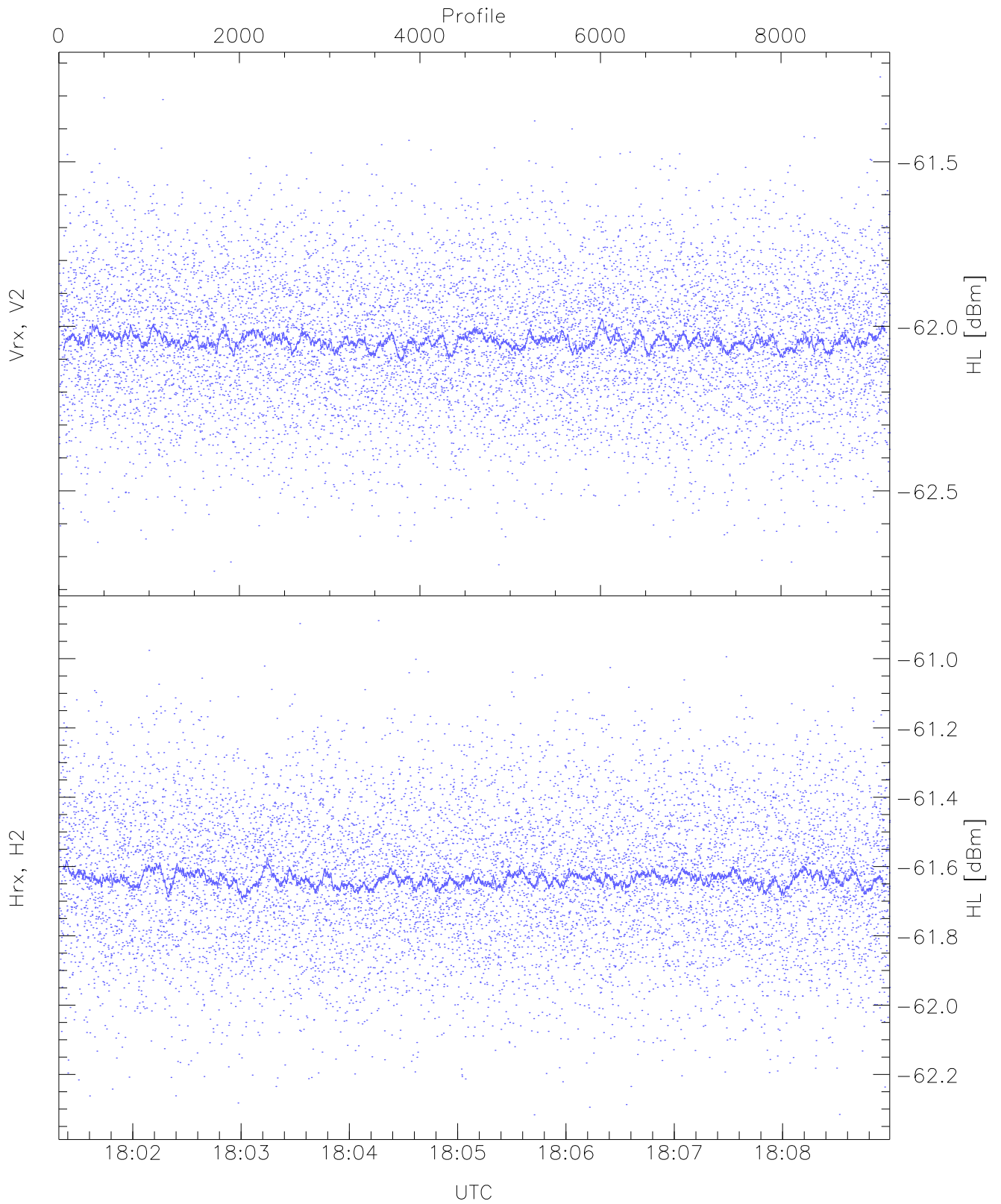
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1898 pixs, 58 gates, 1736 profs, 2 prods



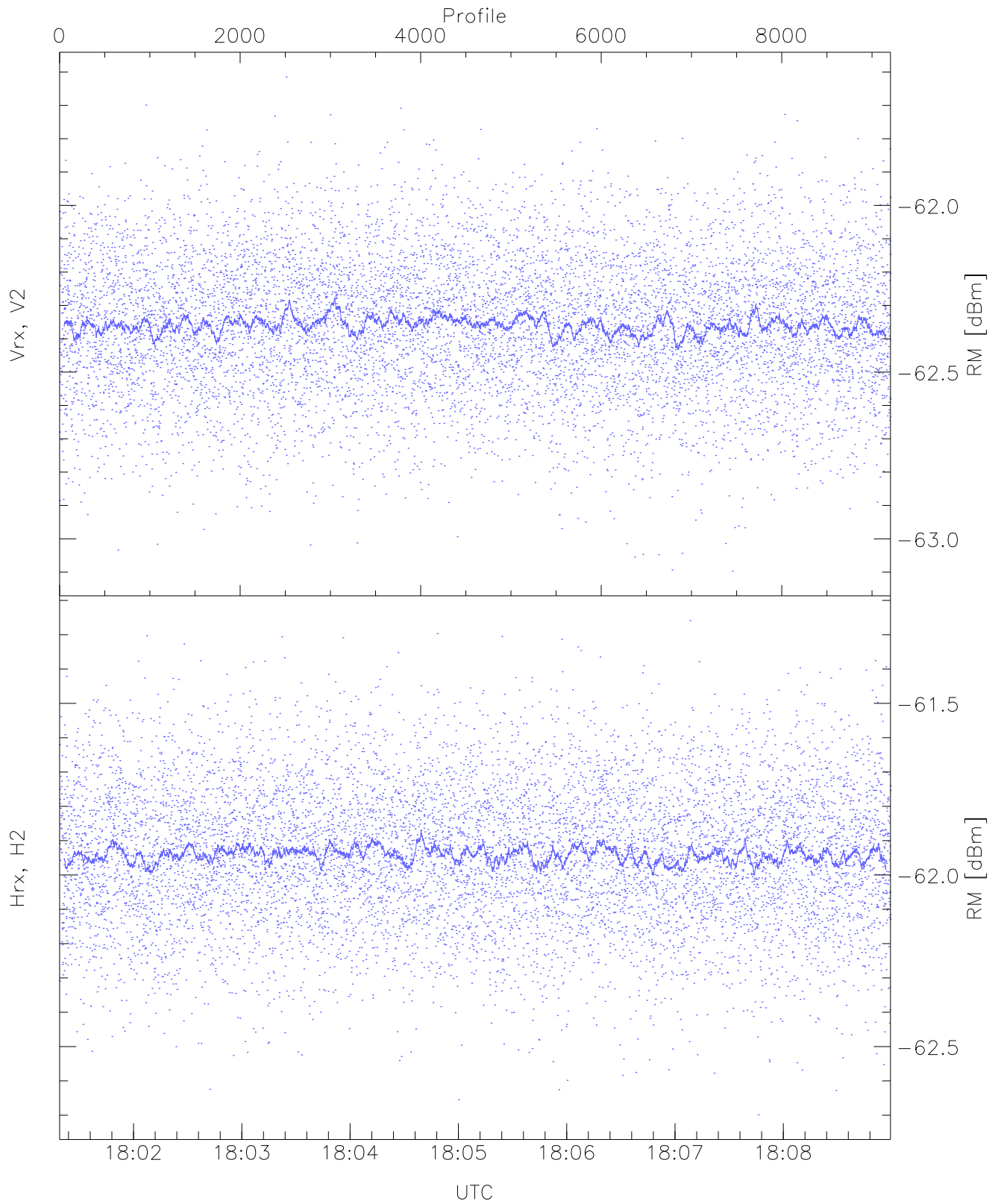
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(WL [dBm])	-63.12	-61.50	-62.27	-62.28	-75.73
Hrx, H2(WL [dBm])	-62.63	-61.11	-61.87	-61.87	-75.32



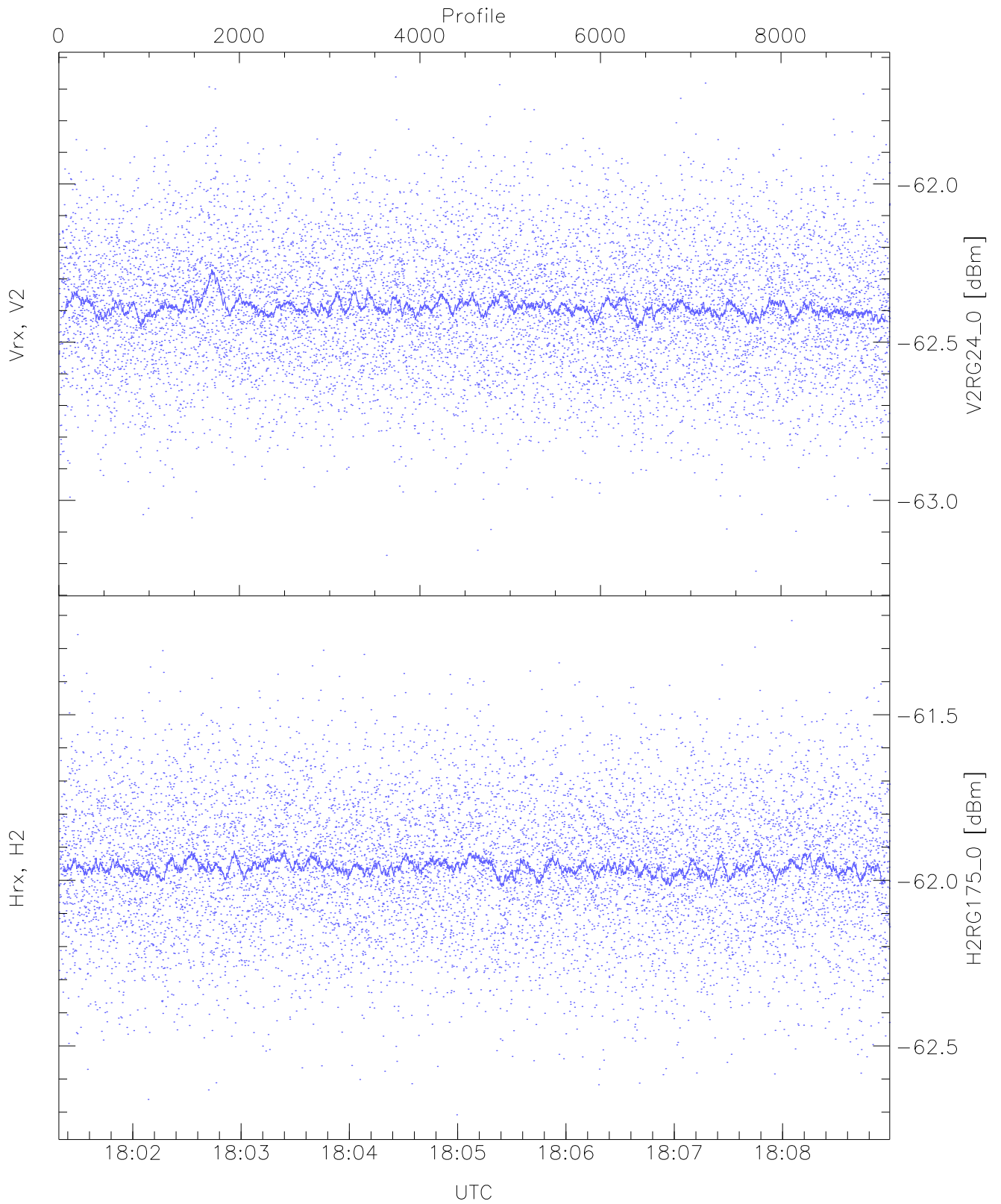
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(HL [dBm])	-62.74	-61.24	-62.04	-62.04	-75.49
Hrx, H2(HL [dBm])	-62.32	-60.89	-61.63	-61.64	-75.07



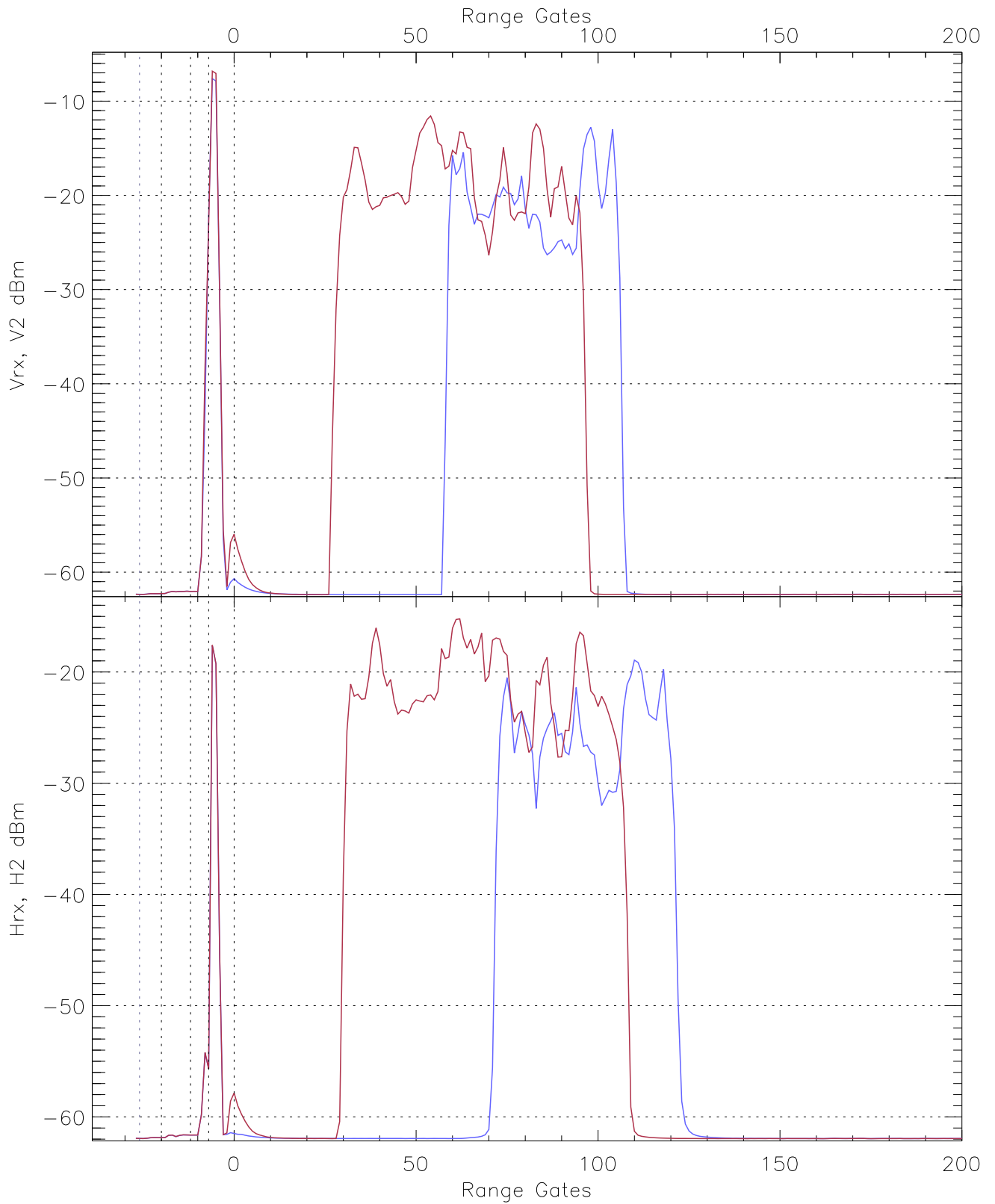
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(RM [dBm])	-63.10	-61.61	-62.36	-62.36	-75.77
Hrx, H2(RM [dBm])	-62.70	-61.26	-61.94	-61.94	-75.38

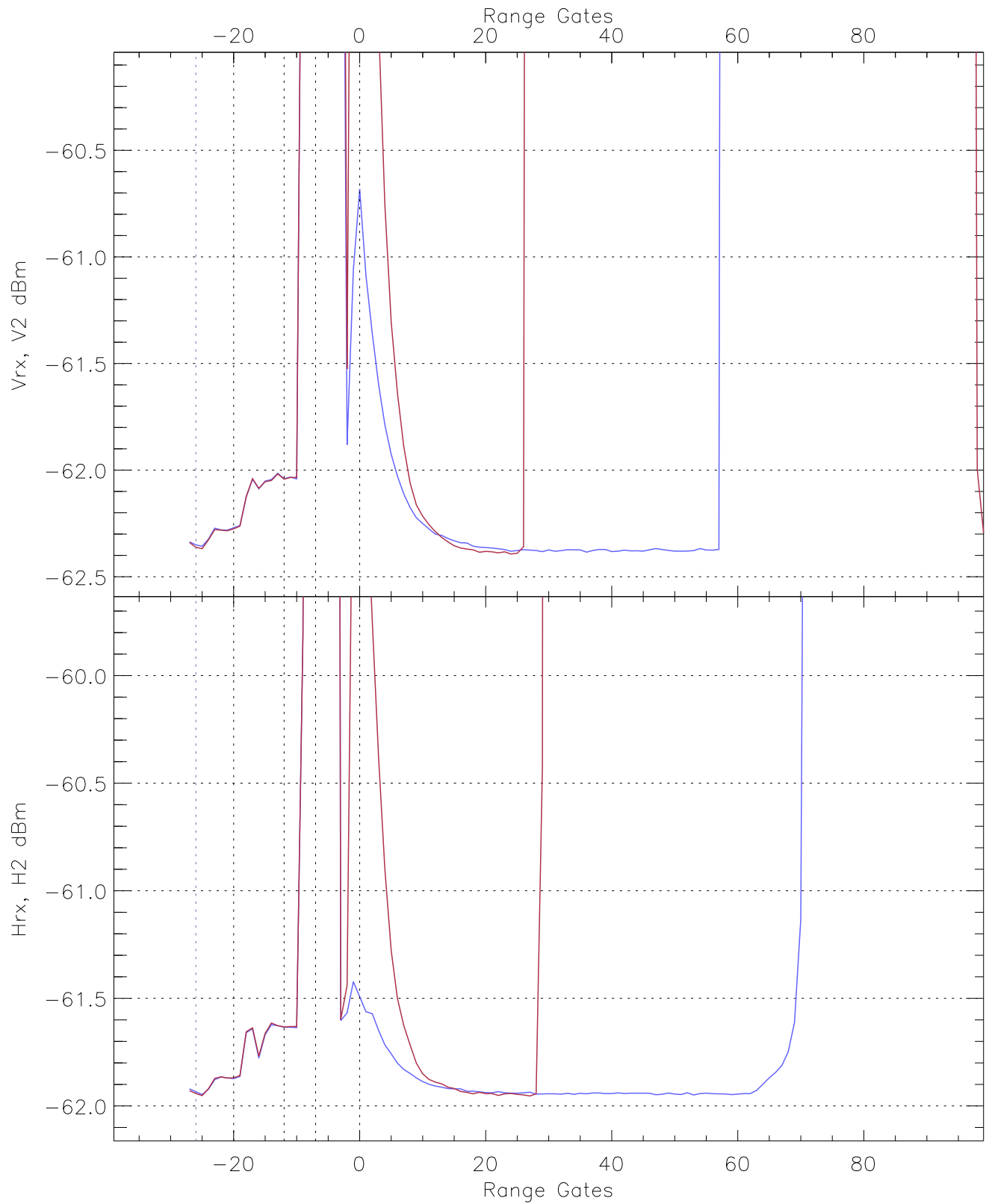


WCR2 CPP "Best" estimate Receivers Noise Power

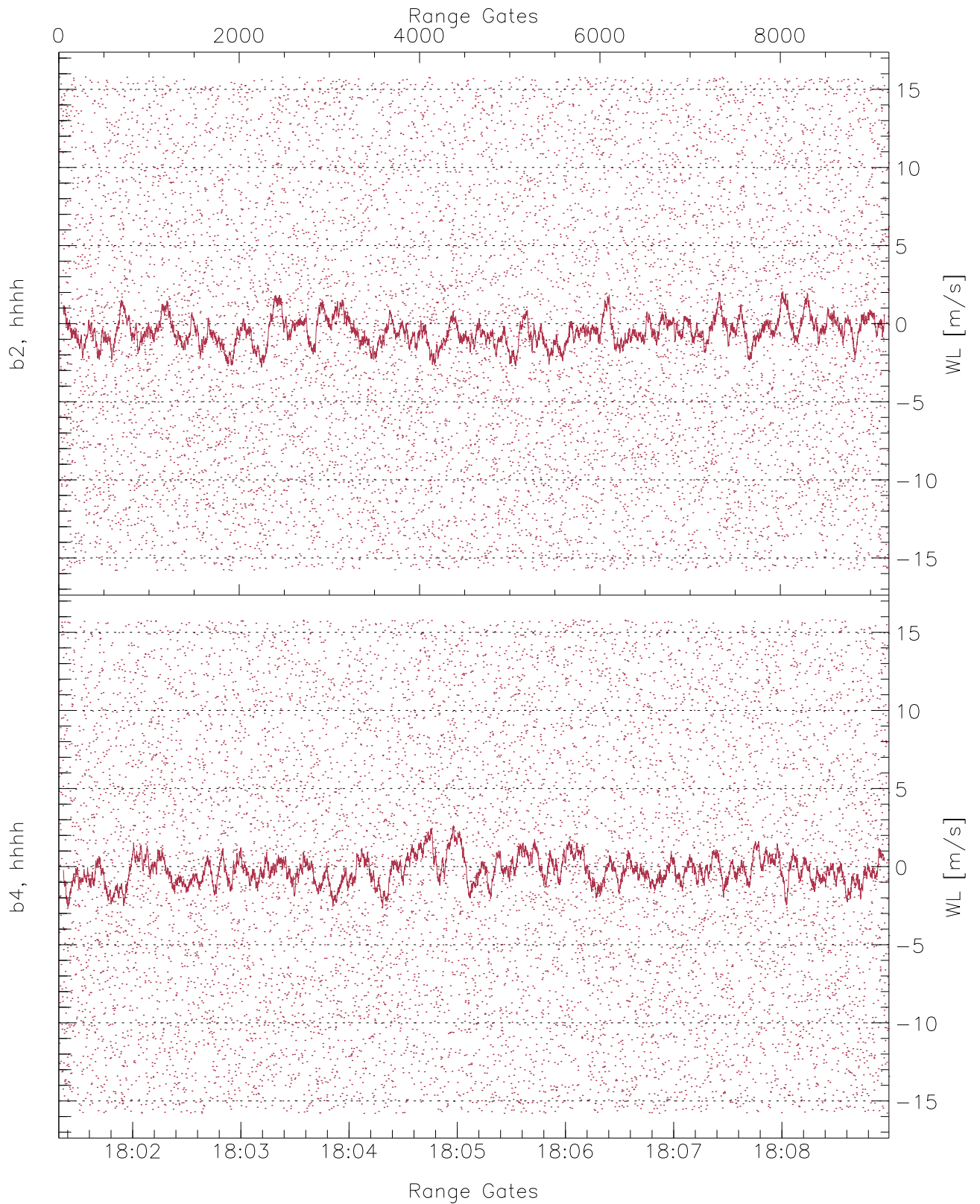
	Min	Max	Mean	Median	StDev
V2RG24_0 [dBm]	-63.22	-61.66	-62.39	-62.39	-75.77
H2RG175_0 [dBm]	-62.71	-61.22	-61.96	-61.96	-75.36



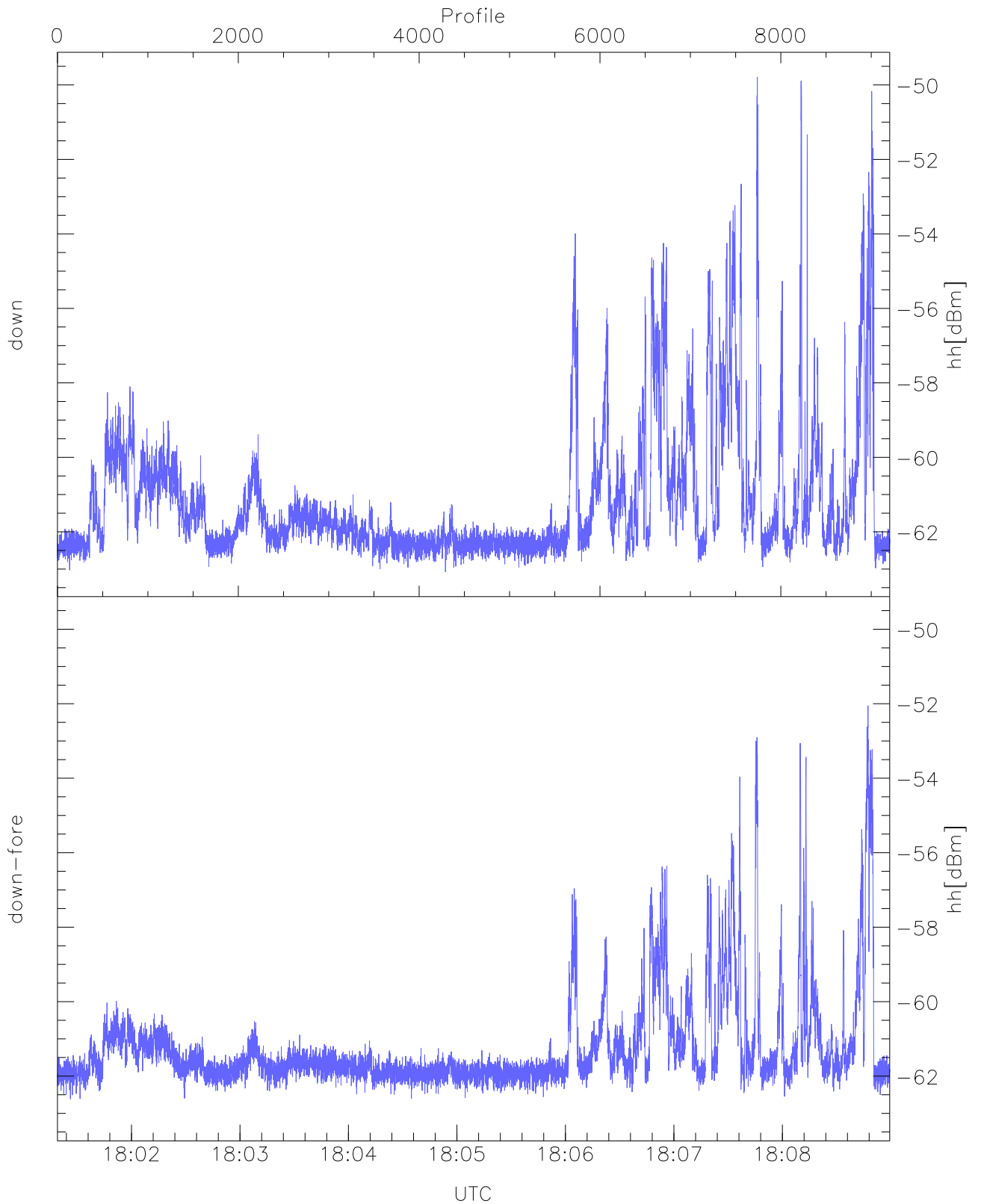
WCR2 CPP Averaged Received power for all recorded gates
blue: 180119-180509, 4603 profiles averaged
red: 180509-180859, 4603 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 180119-180509, 4603 profiles averaged
red: 180509-180859, 4603 profiles averaged

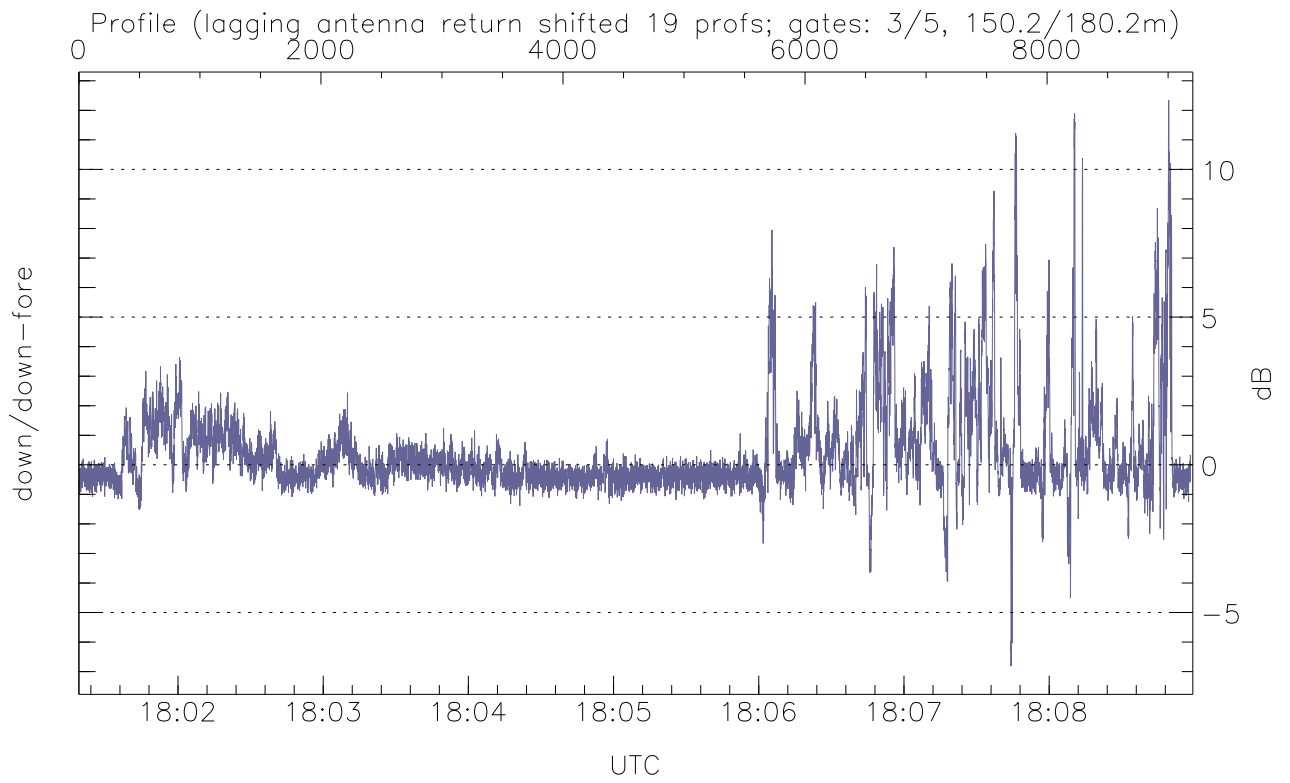


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



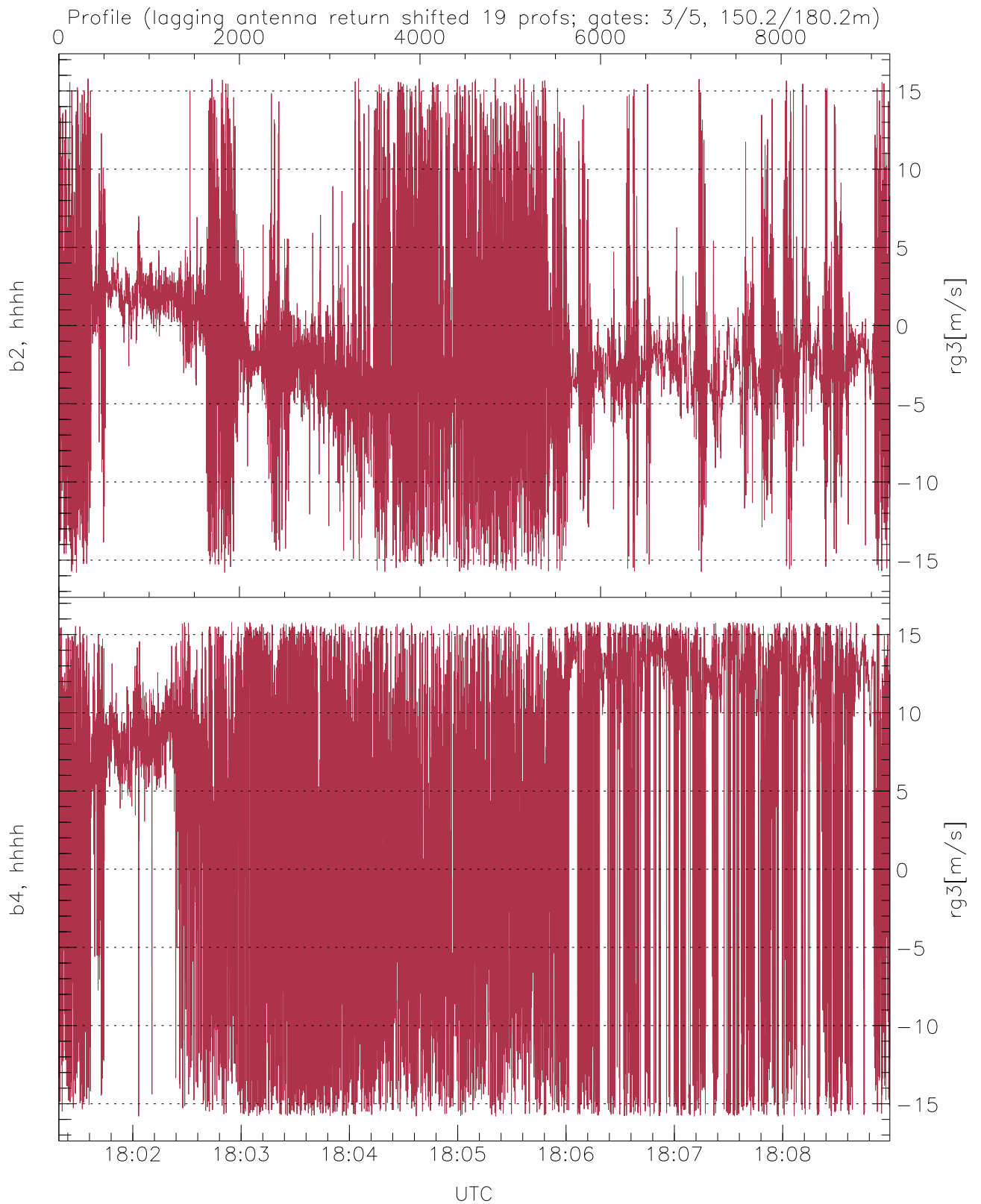
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
down(hh[dBm])	-63.08	-49.79	-60.67
down-fore(hh[dBm])	-62.61	-52.05	-60.97



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

	Min	Max	Mean
down/down-fore(dB)	-6.81	12.34	0.40



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b2, hhhh(rg3[m/s])	-15.79	15.79	-1.41	5.70
b4, hhhh(rg3[m/s])	-15.80	15.80	3.22	10.59