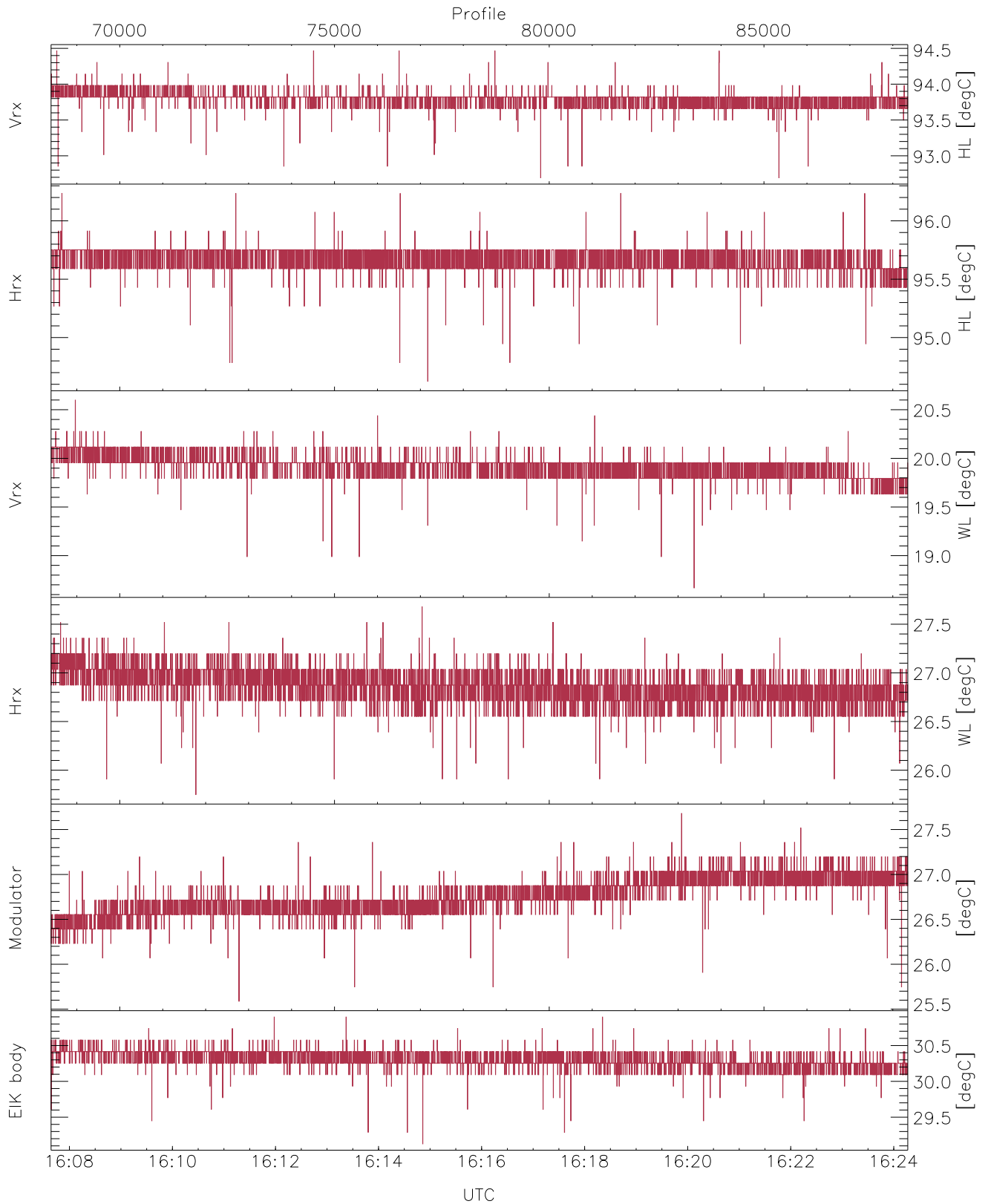


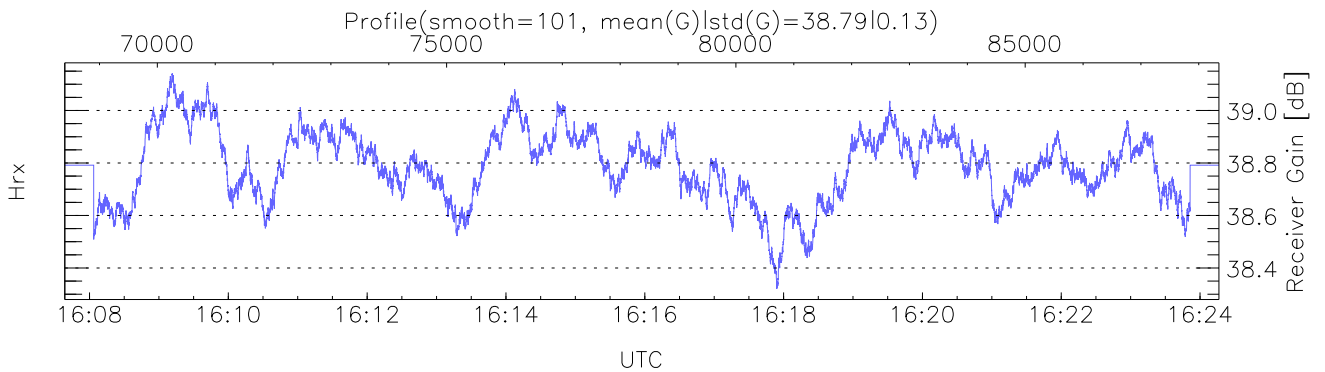
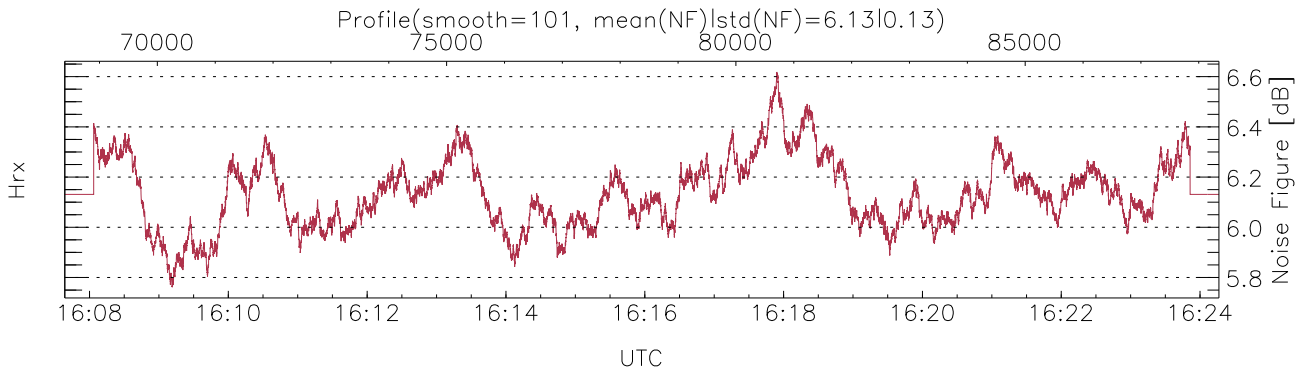
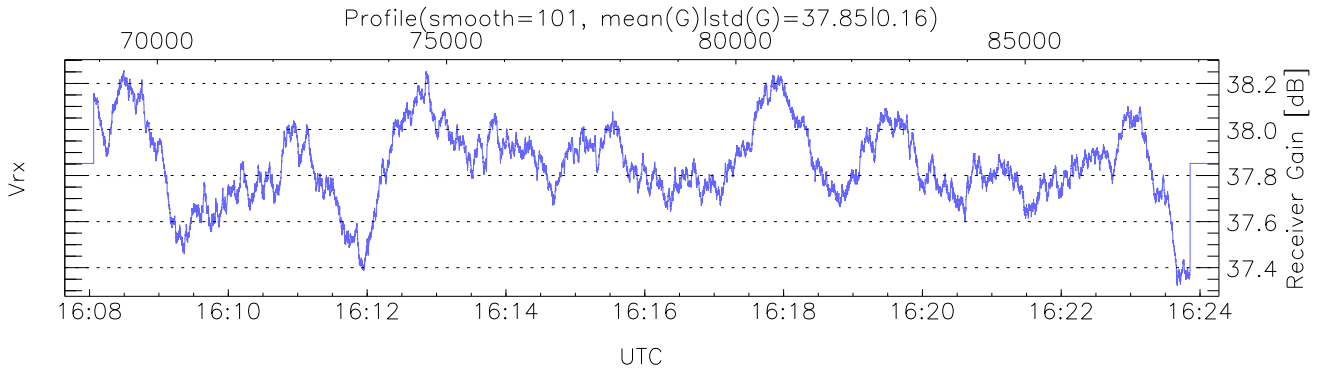
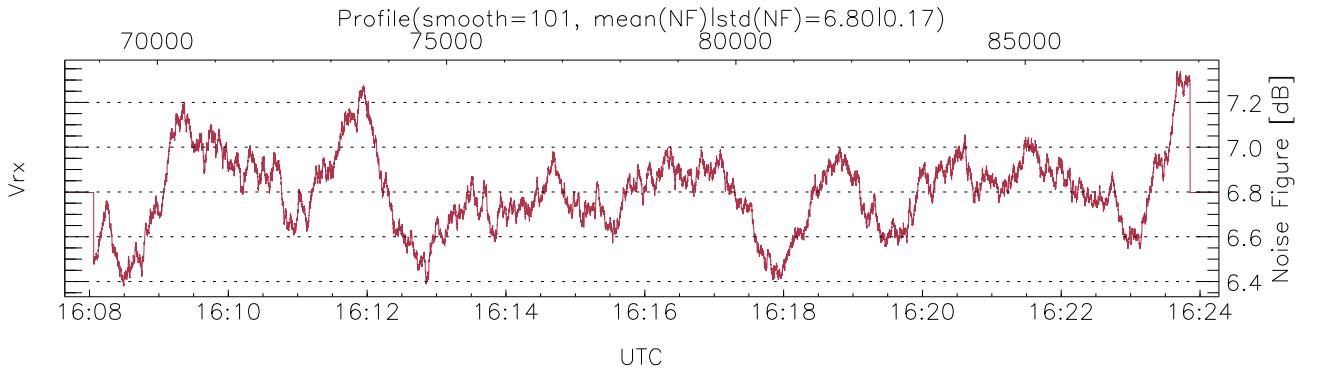
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:10:38-16:24:16, Dur: 4418.56s
 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): 19950/88350, 68400-88349/16:07:39-16:24:16
 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,rqs): 105,3108,15.0 m, Gates: 201, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



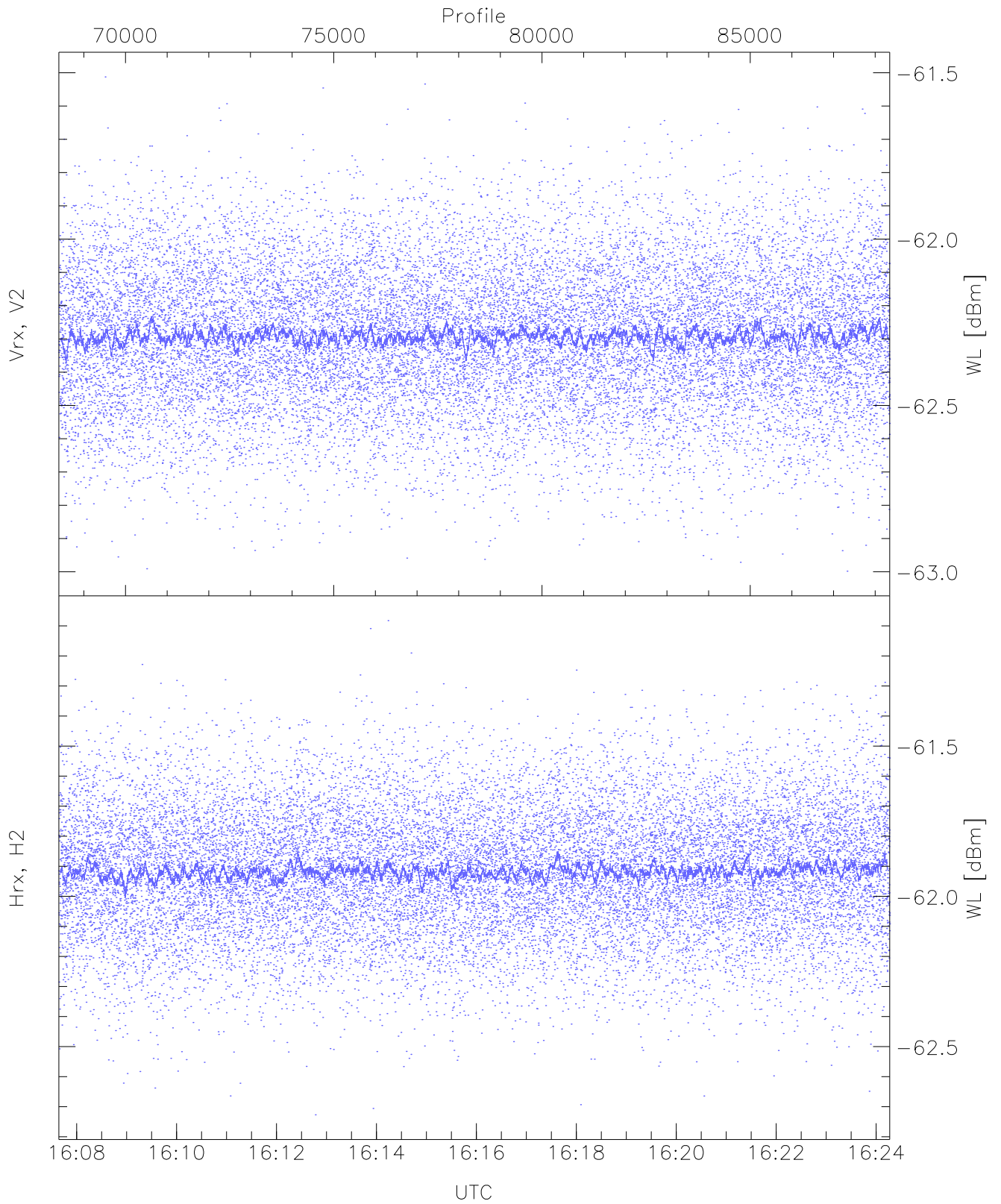
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,18,25,25,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,20,27,27,30
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,6)



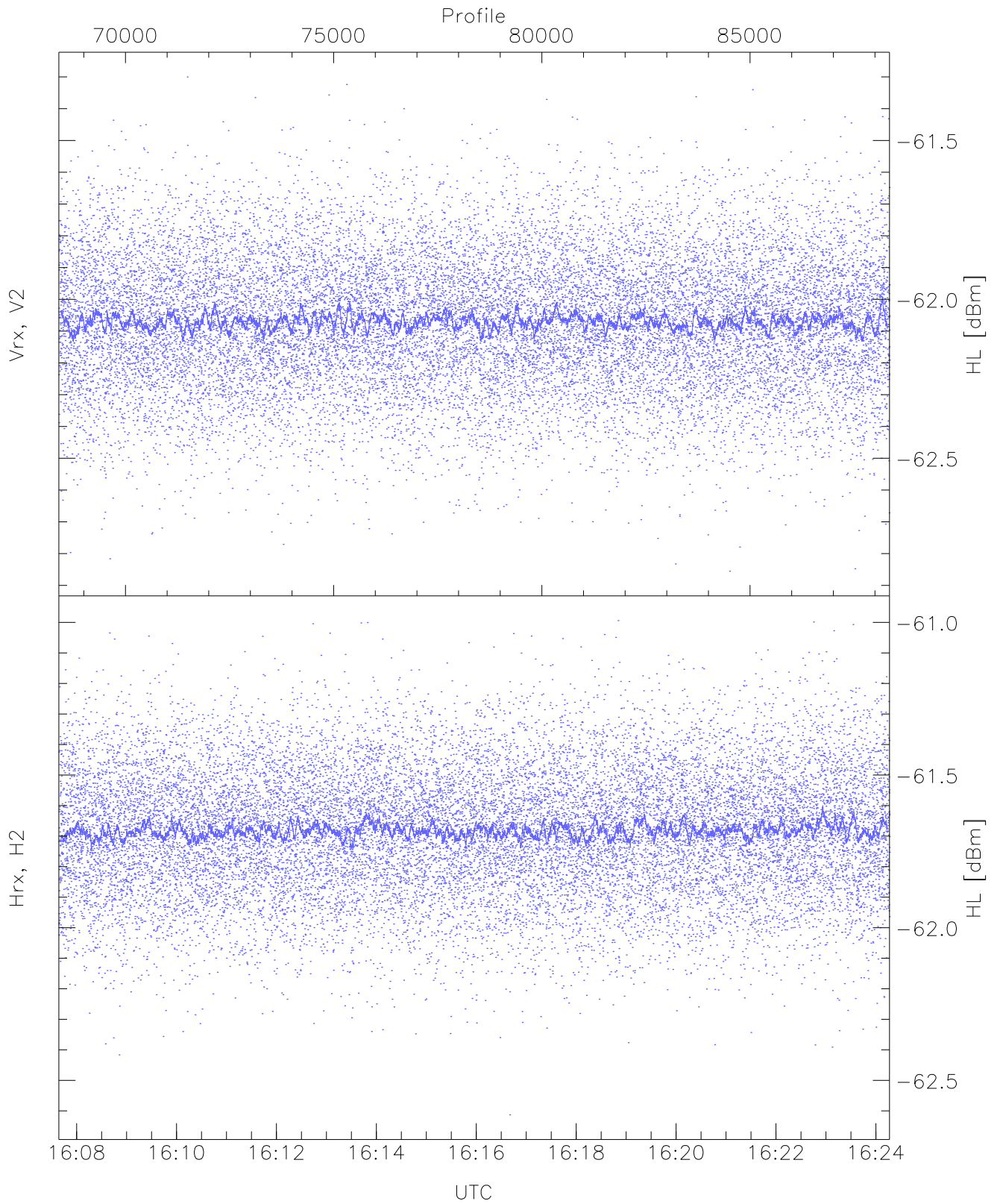
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 10075 pixs, 75 gates, 8324 profs, 2 prods



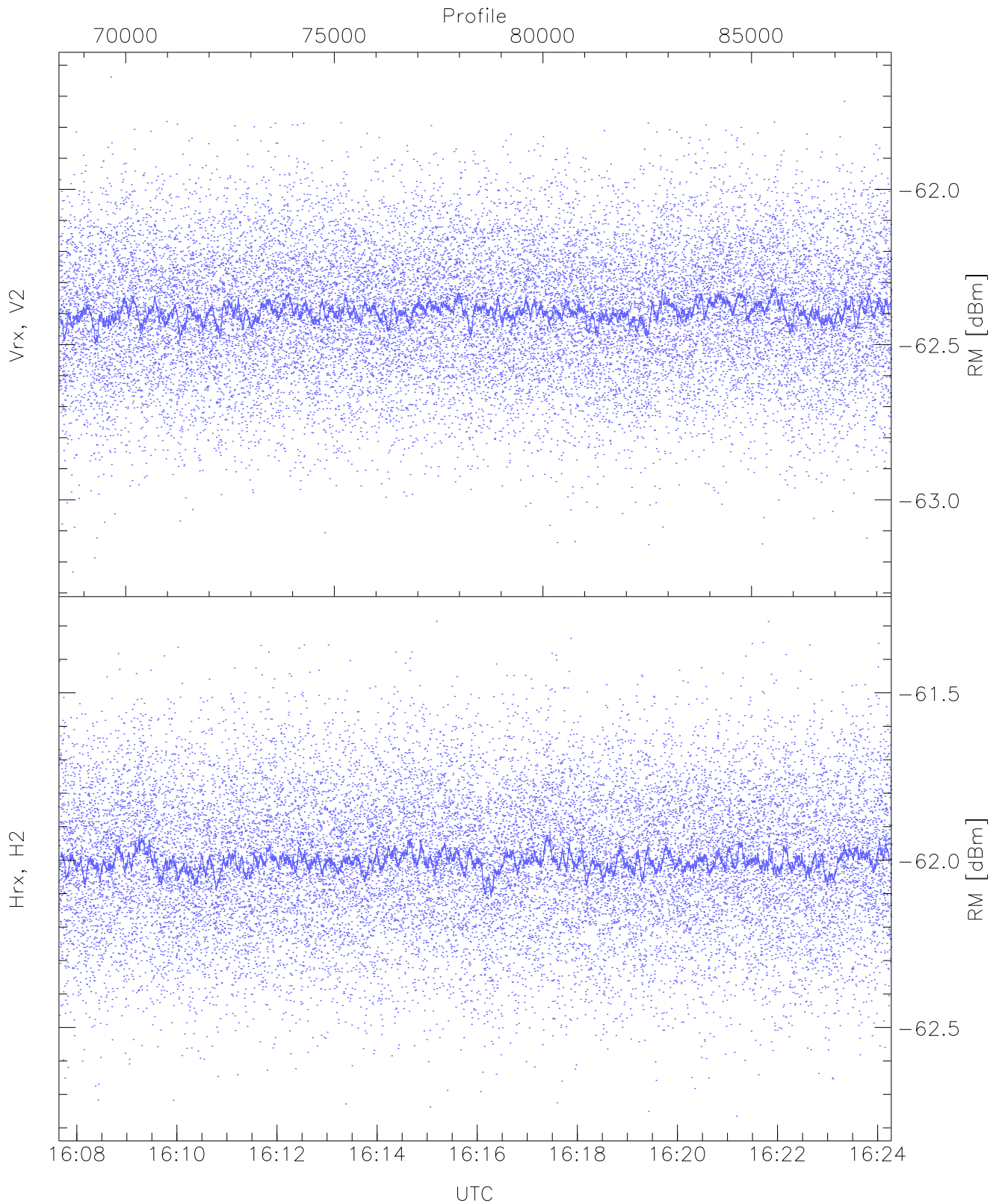
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(WL [dBm])	-63.00	-61.51	-62.29	-62.29	-75.70
Hrx, H2(WL [dBm])	-62.73	-61.08	-61.92	-61.92	-75.35



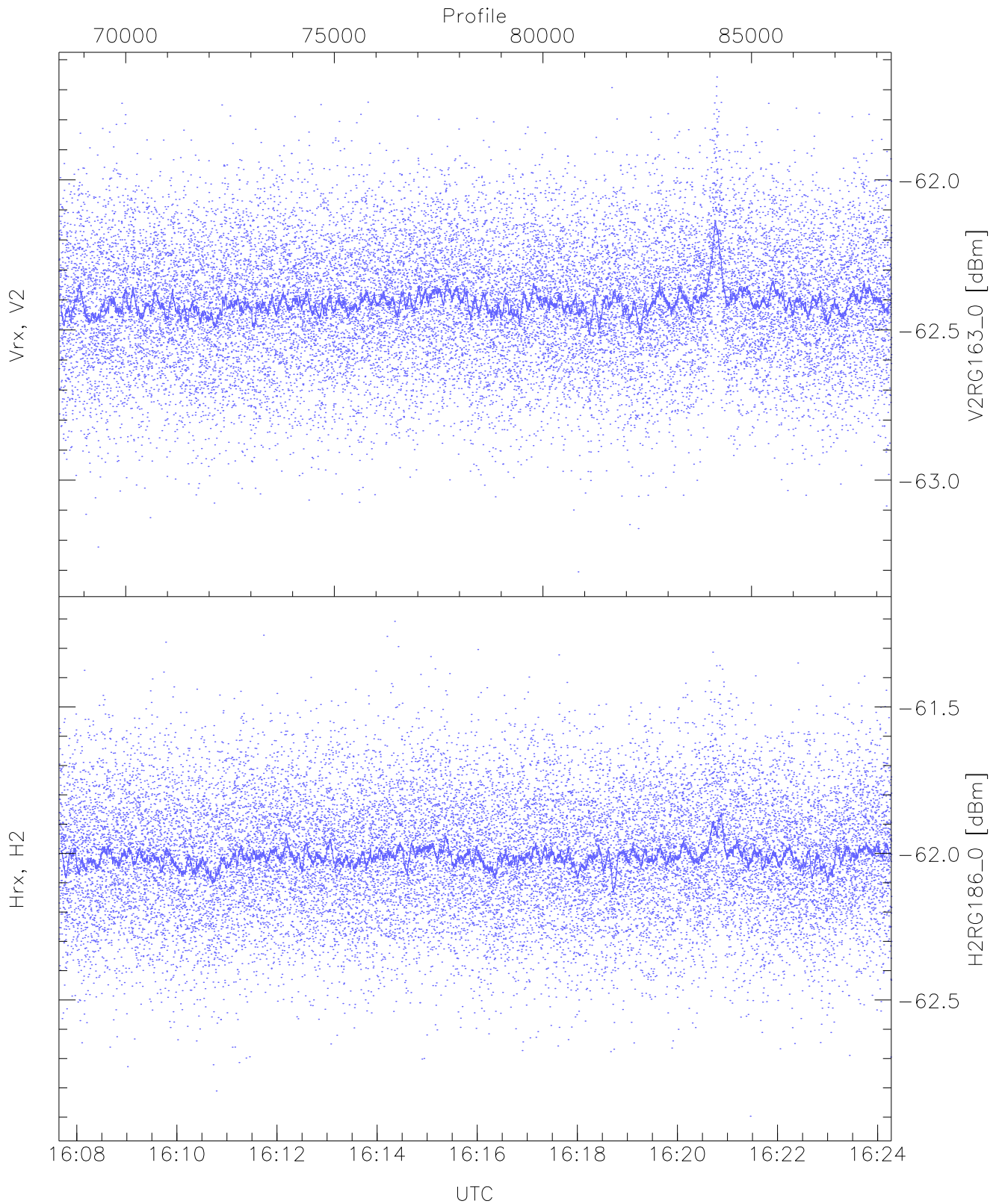
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(HL [dBm])	-62.86	-61.30	-62.07	-62.07	-75.48
Hrx, H2(HL [dBm])	-62.61	-60.99	-61.68	-61.68	-75.13



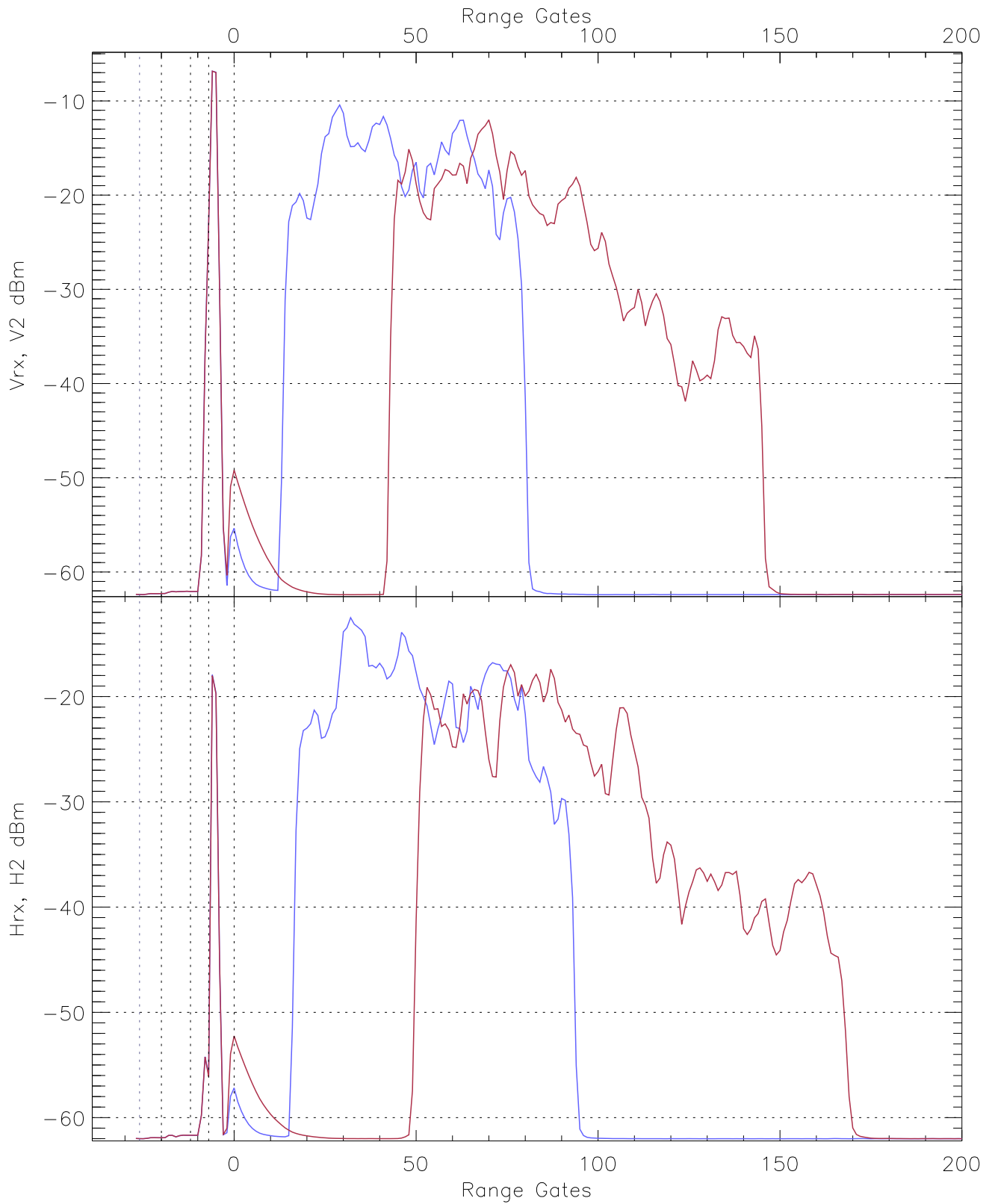
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(RM [dBm])	-63.23	-61.64	-62.39	-62.40	-75.79
Hrx, H2(RM [dBm])	-62.77	-61.29	-62.00	-62.01	-75.37

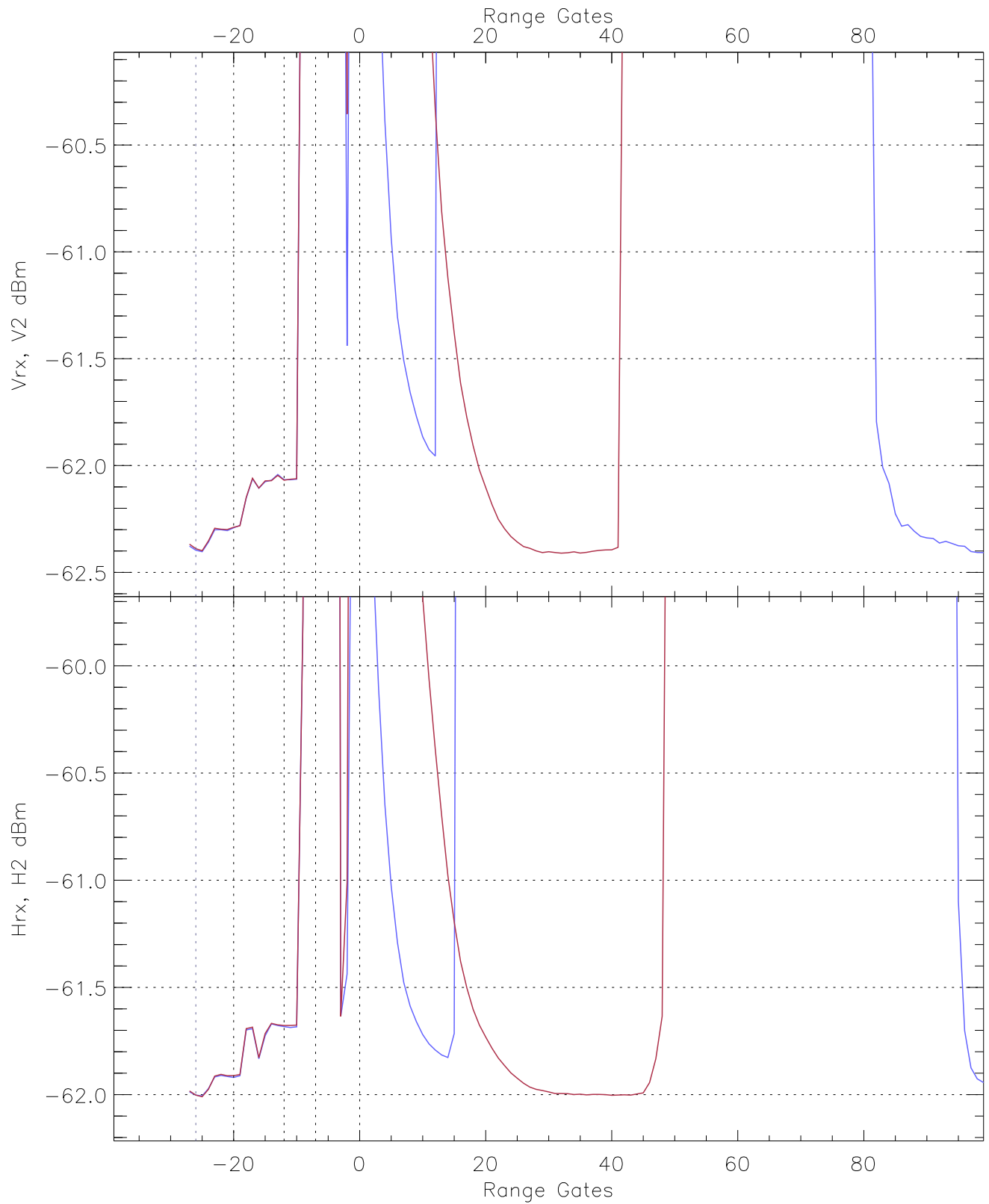


WCR2 CPP "Best" estimate Receivers Noise Power

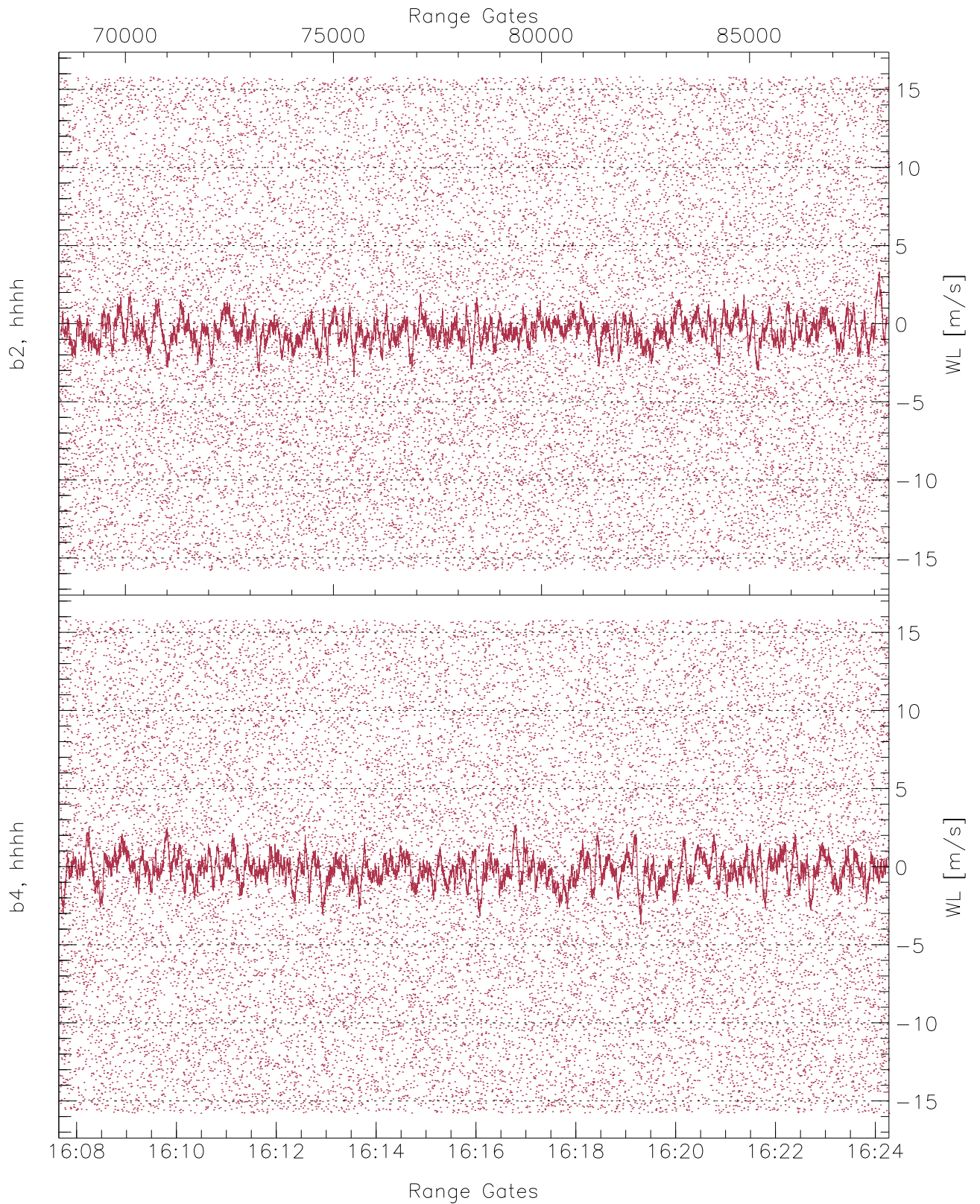
	Min	Max	Mean	Median	StDev
V2RG163_0 [dBm]	-63.31	-61.66	-62.41	-62.41	-75.73
H2RG186_0 [dBm]	-62.90	-61.21	-62.01	-62.01	-75.37



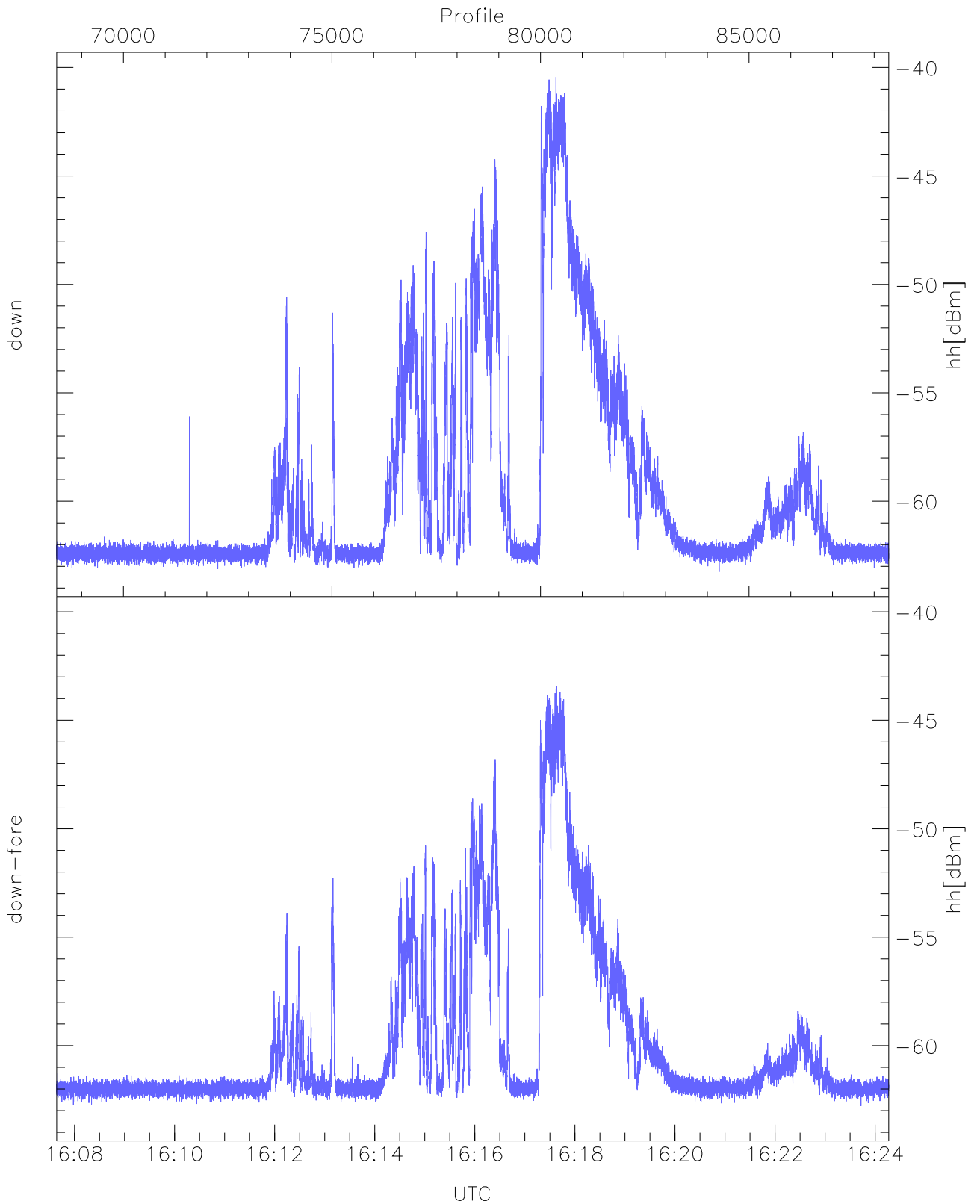
WCR2 CPP Averaged Received power for all recorded gates
blue: 160739-161557, 9976 profiles averaged
red: 161557-162416, 9975 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 160739-161557, 9976 profiles averaged
red: 161557-162416, 9975 profiles averaged

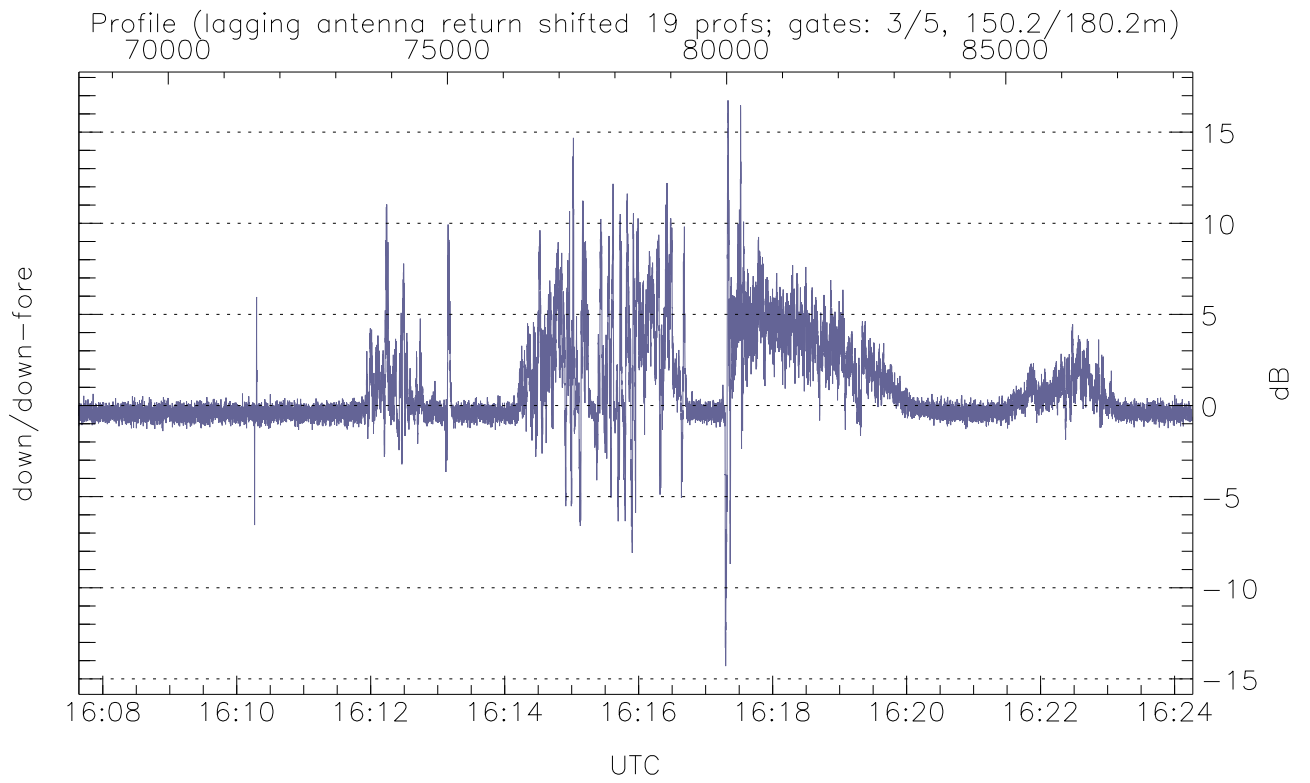


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

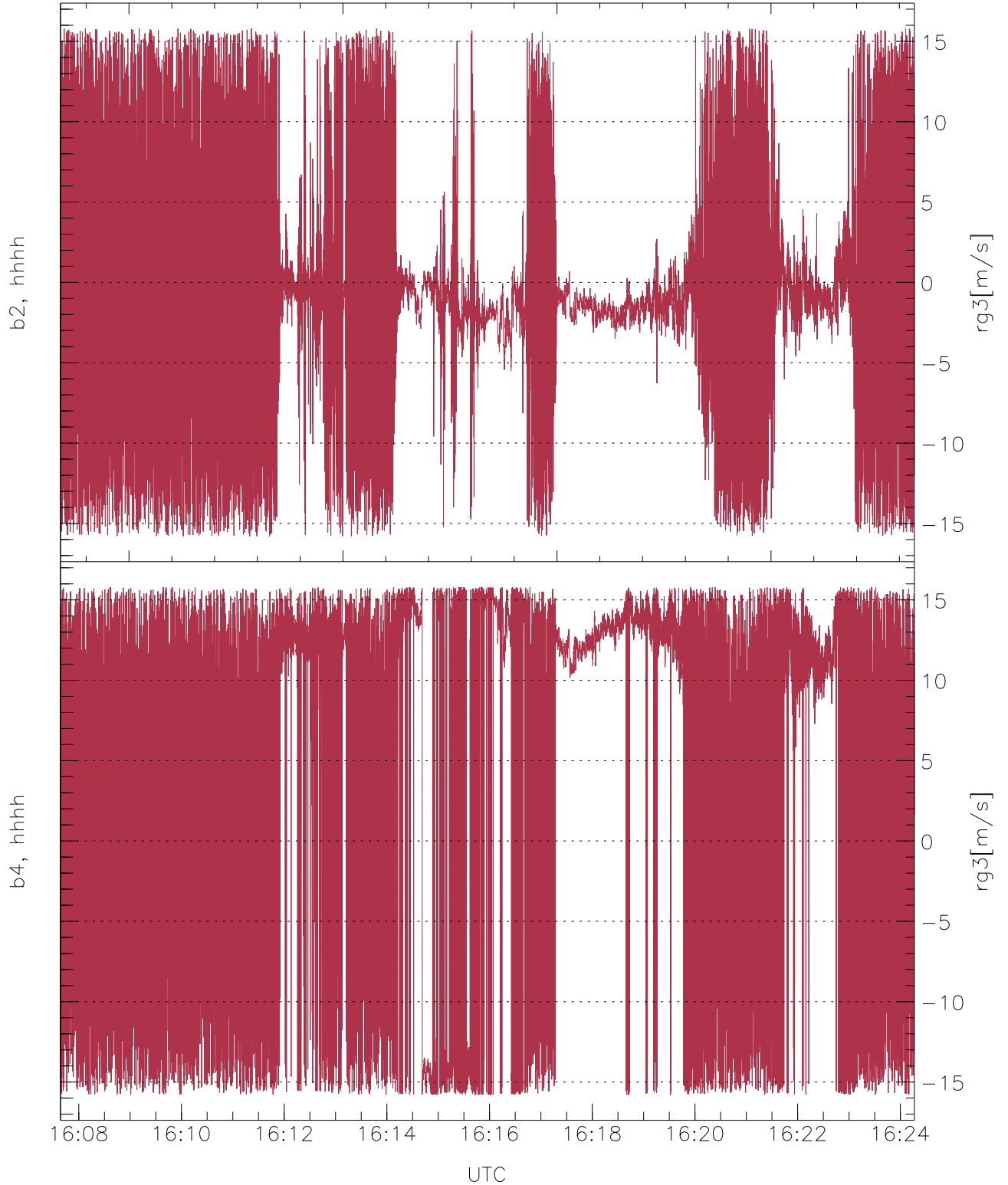
	Min	Max	Mean
down(hh[dBm])	-63.25	-40.44	-55.06
down-fore(hh[dBm])	-62.79	-43.45	-56.93



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

	Min	Max	Mean
down/down-fore(dB)	-14.30	16.75	0.85

Profile (lagging antenna return shifted 19 profs; gates: 3/5, 150.2/180.2m)
 70000 75000 80000 85000



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b2, hhhh(rg3[m/s])	-15.80	15.80	-0.84	6.26
b4, hhhh(rg3[m/s])	-15.80	15.80	3.96	10.77