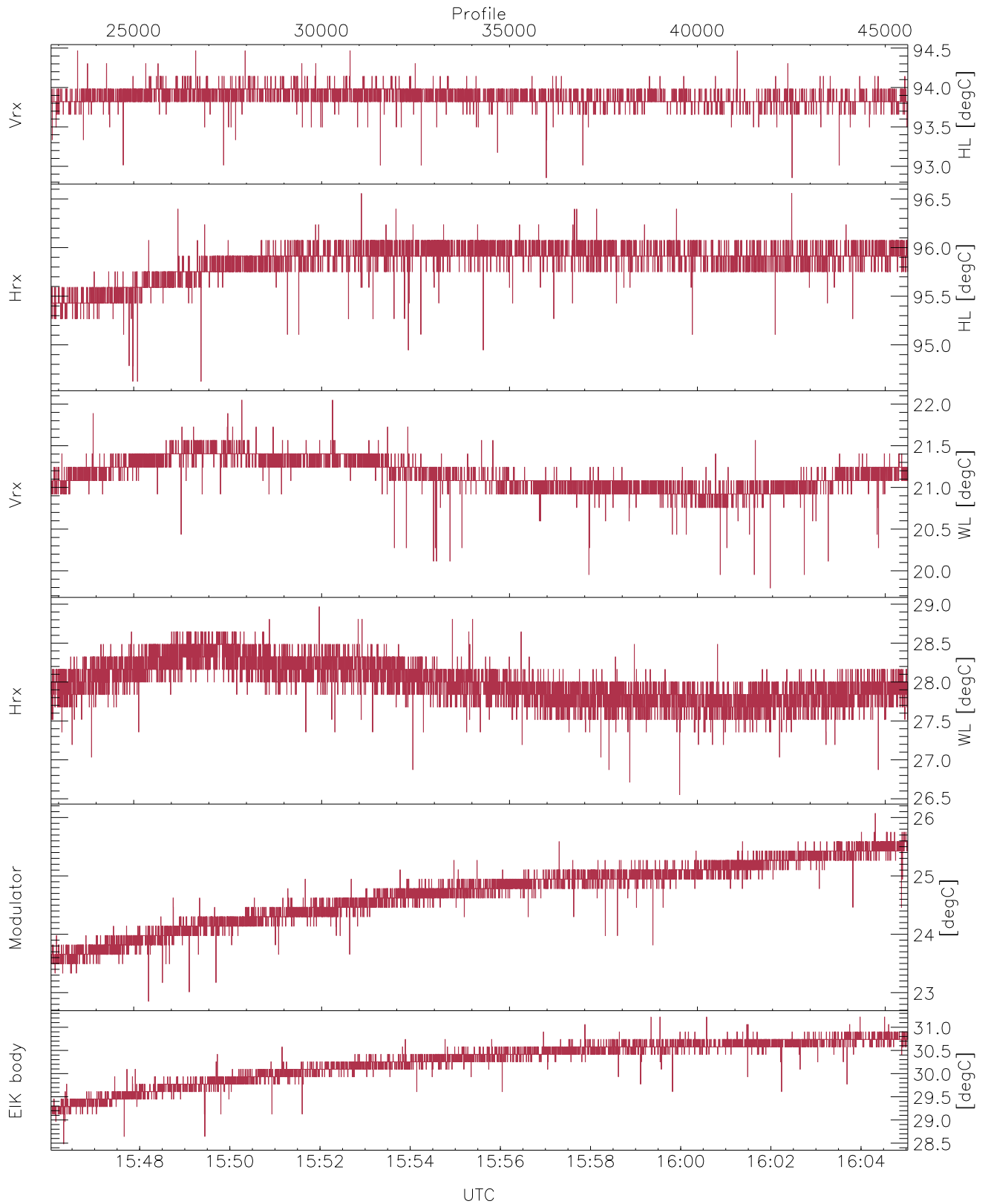


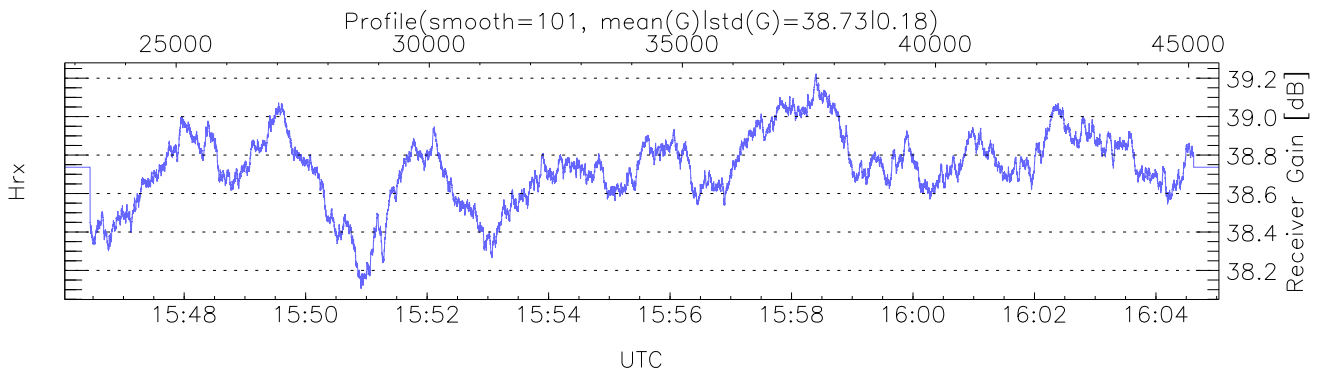
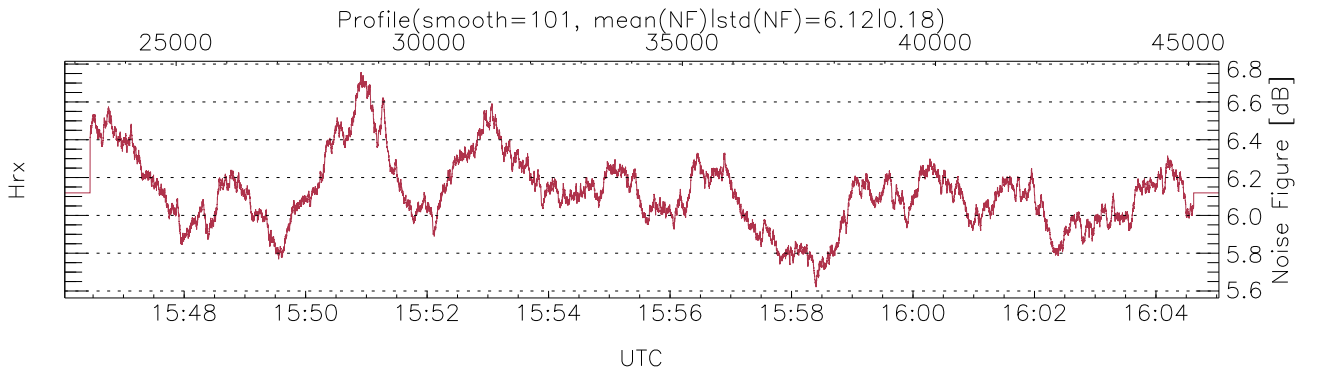
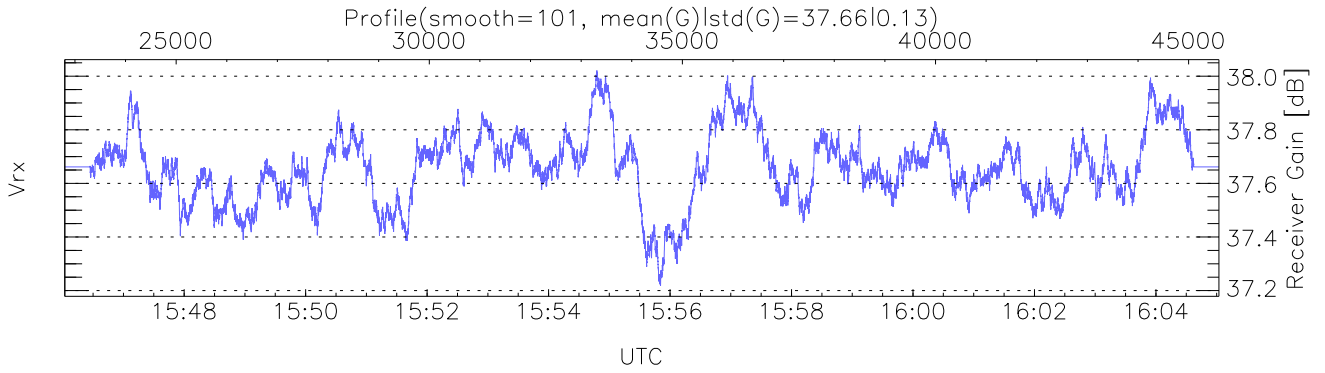
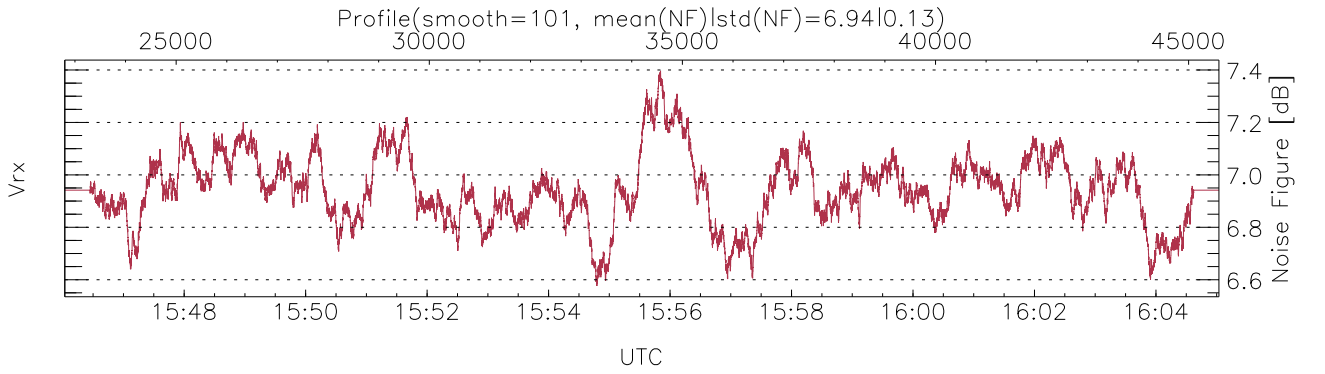
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:27:02-16:38:43, Dur: 4301.33s  
 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): 22800/86006, 22800-45599/15:46:02-16:05:02  
 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



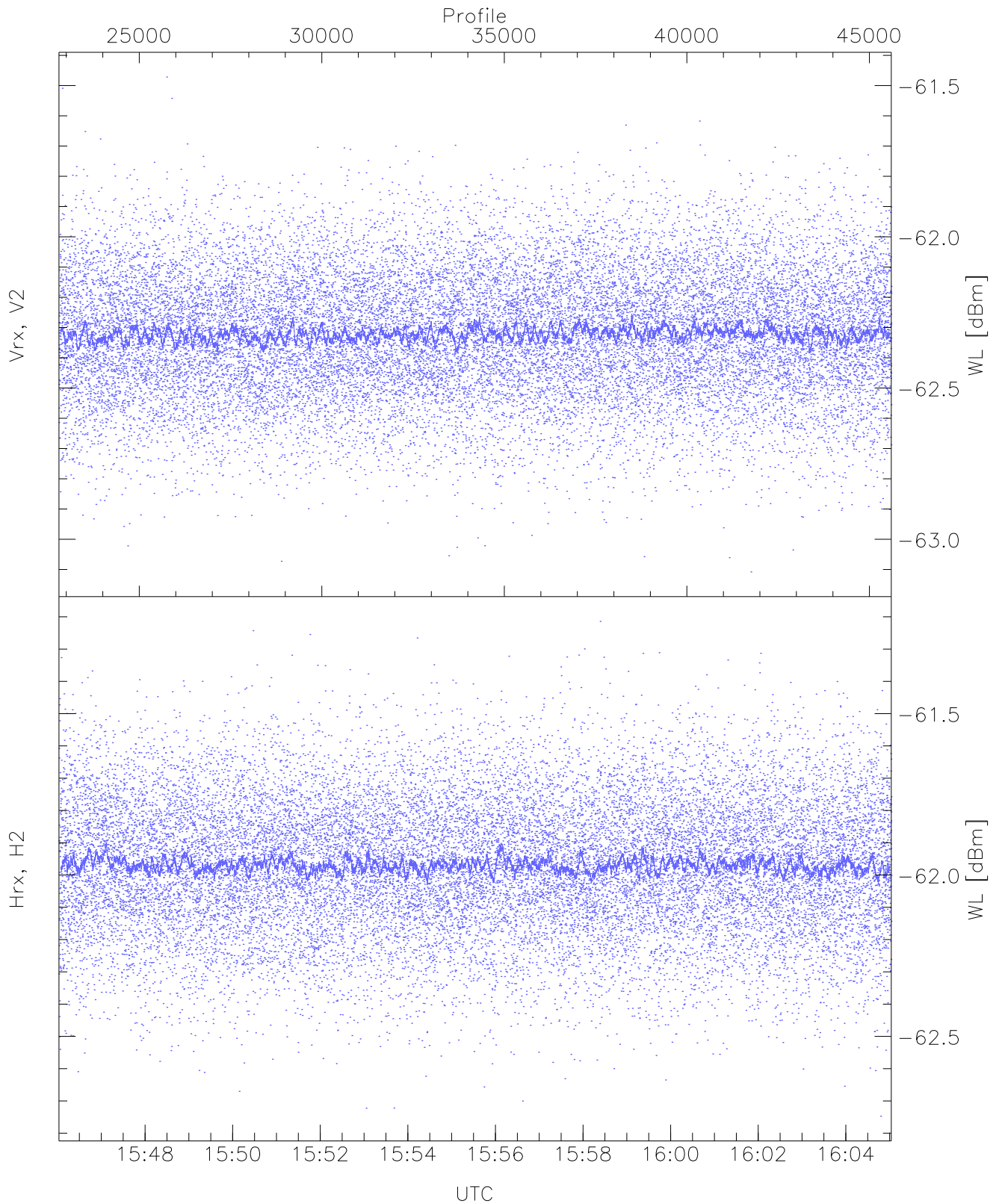
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,26,22,28  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,28,26,31  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK Faults(# prof affected):  
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (16,16,16,16,16,16)



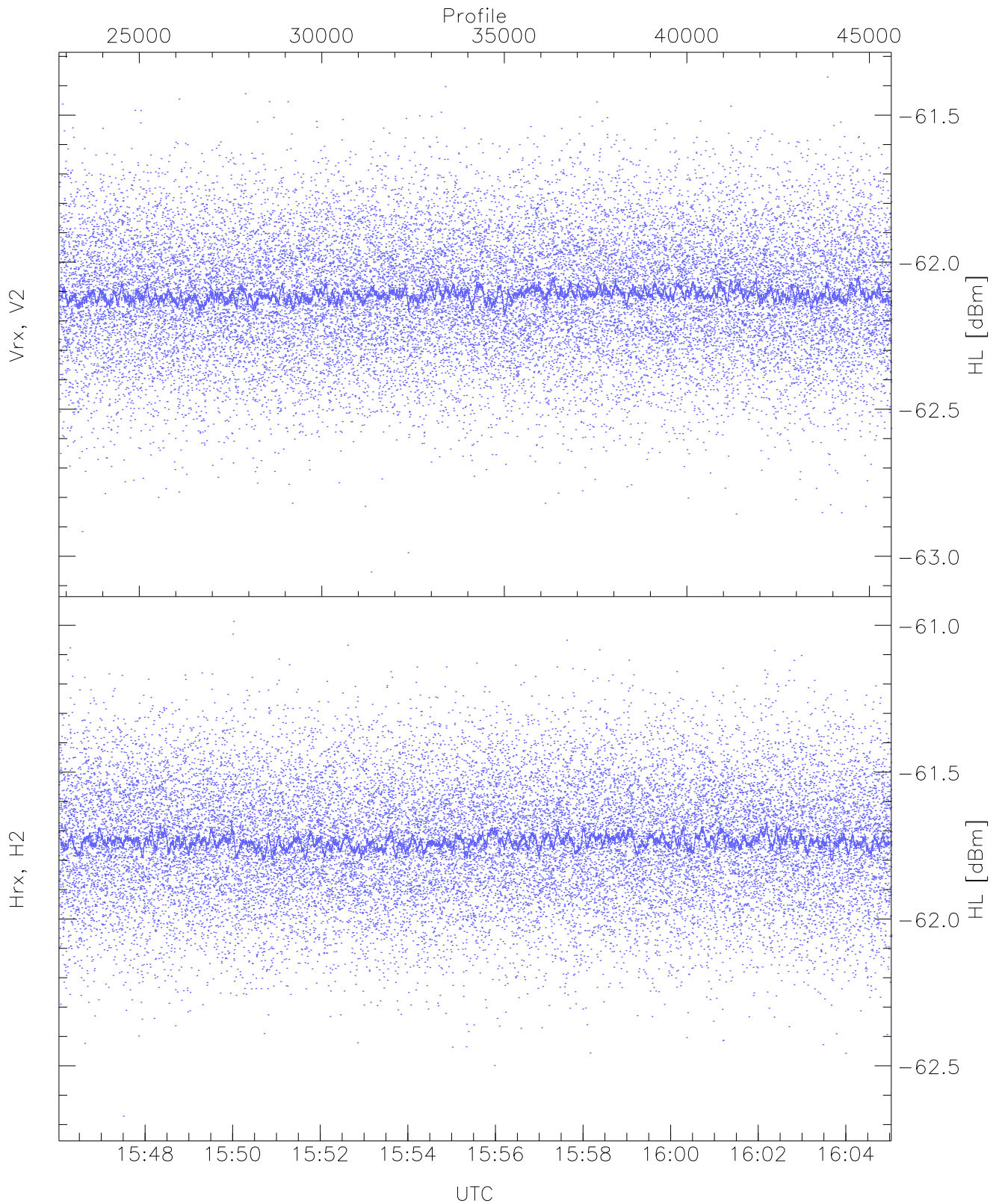
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1808 pixs, 82 gates, 1601 profs, 2 prods



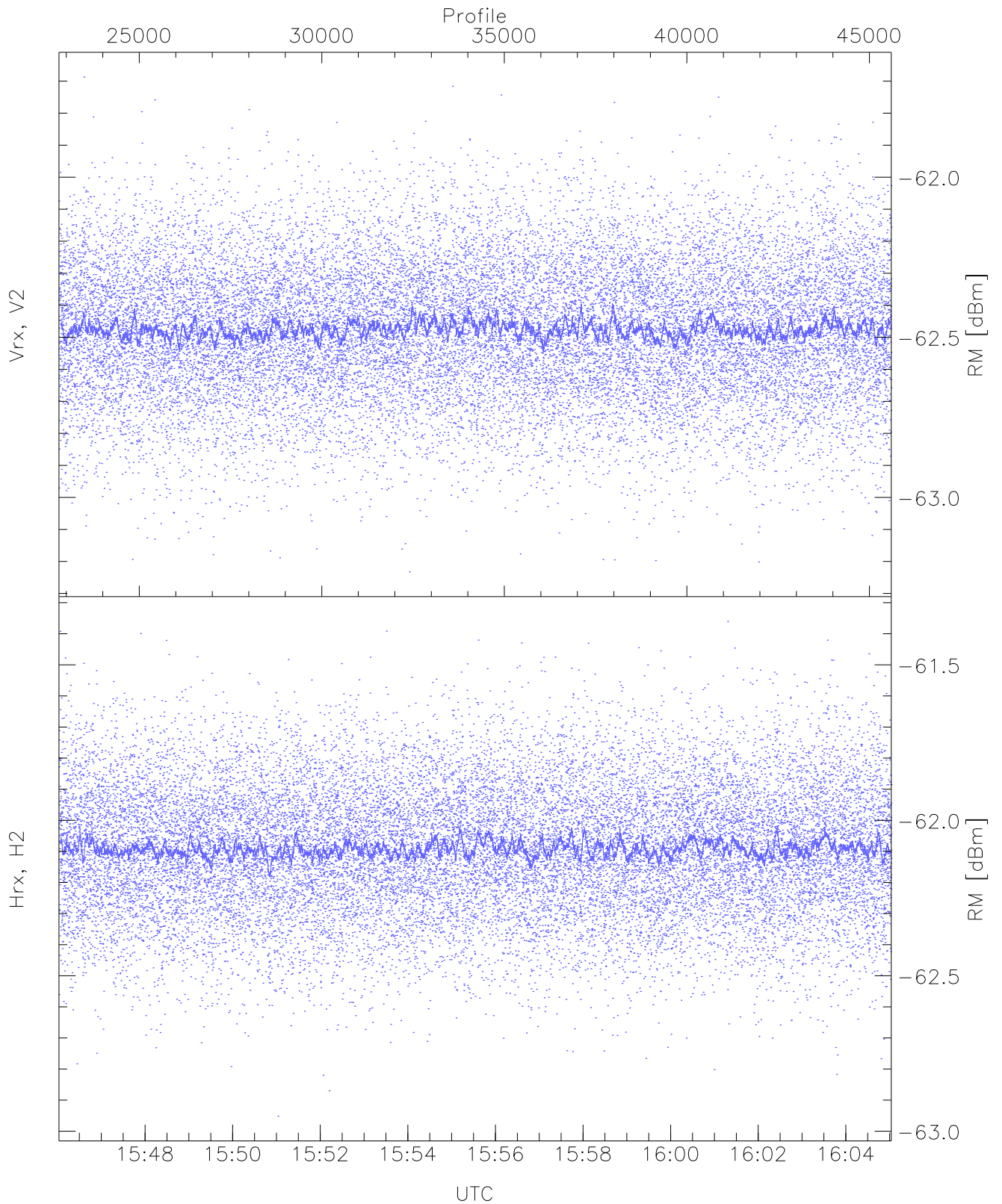
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(WL [dBm])	-63.11	-61.47	-62.32	-62.32	-75.75
Hrx, H2(WL [dBm])	-62.75	-61.21	-61.97	-61.97	-75.42



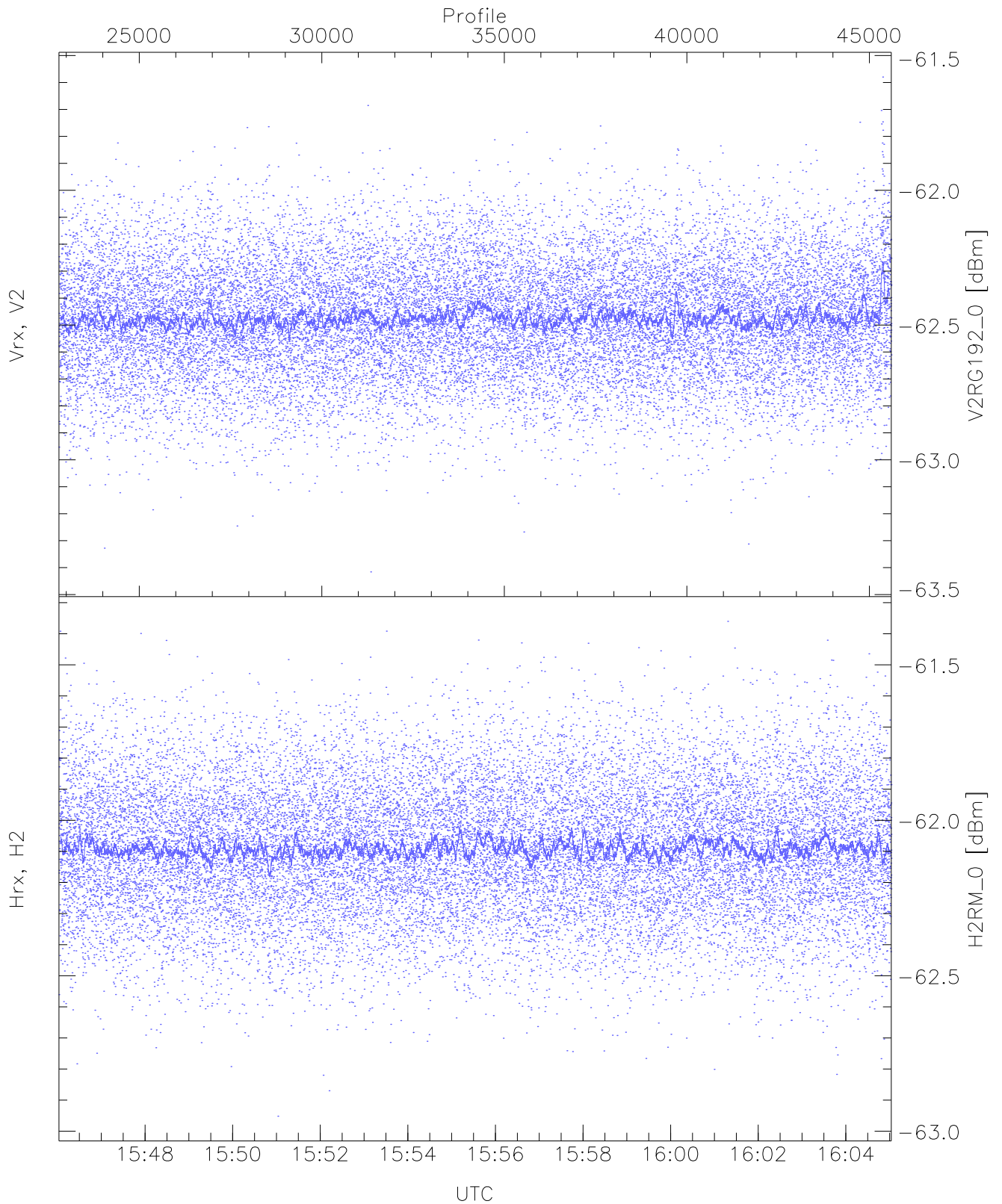
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(HL [dBm])	-63.05	-61.37	-62.11	-62.11	-75.53
Hrx, H2(HL [dBm])	-62.67	-60.99	-61.73	-61.74	-75.20



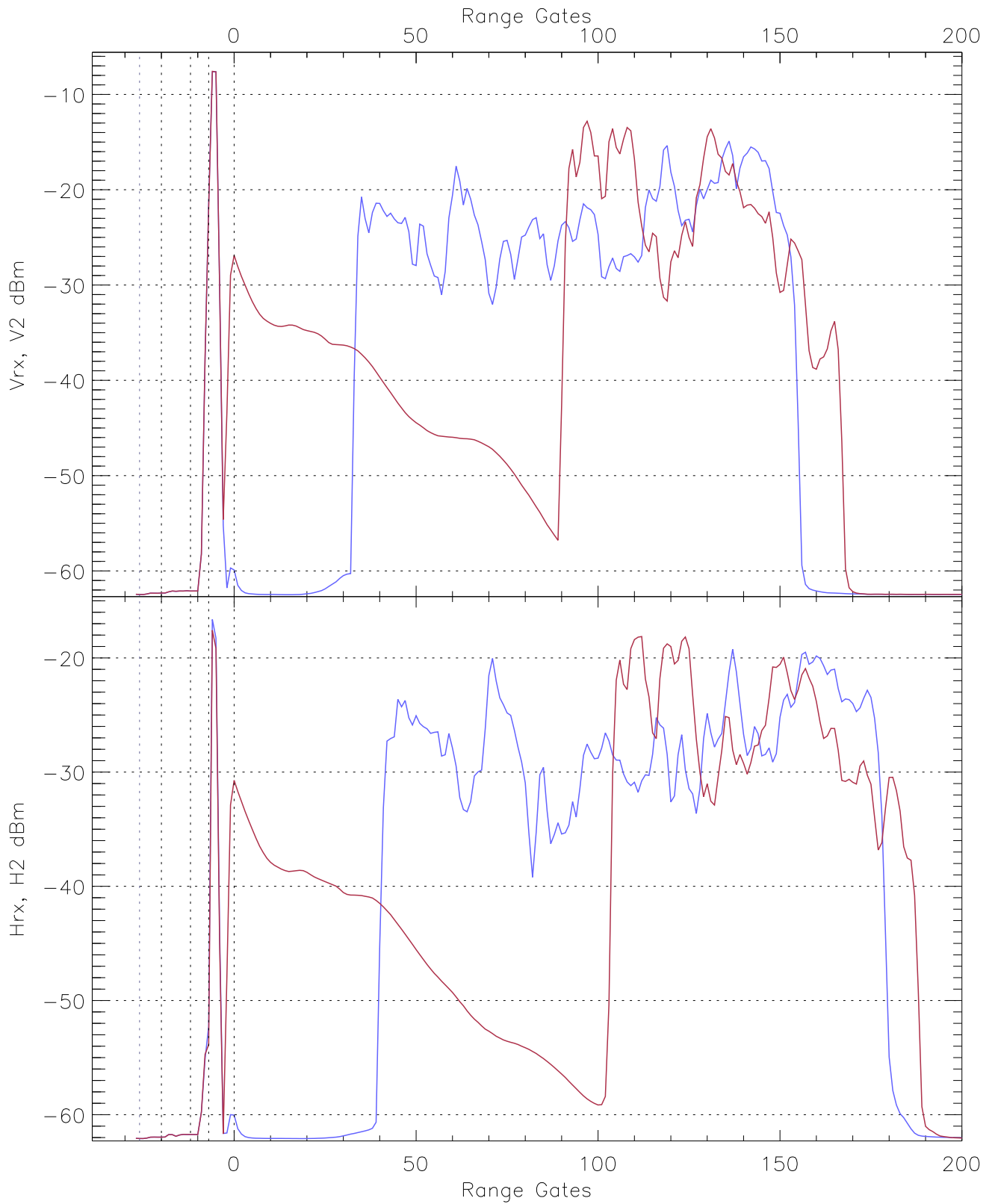
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(RM [dBm])	-63.23	-61.69	-62.47	-62.48	-75.86
Hrx, H2(RM [dBm])	-62.95	-61.36	-62.09	-62.09	-75.53



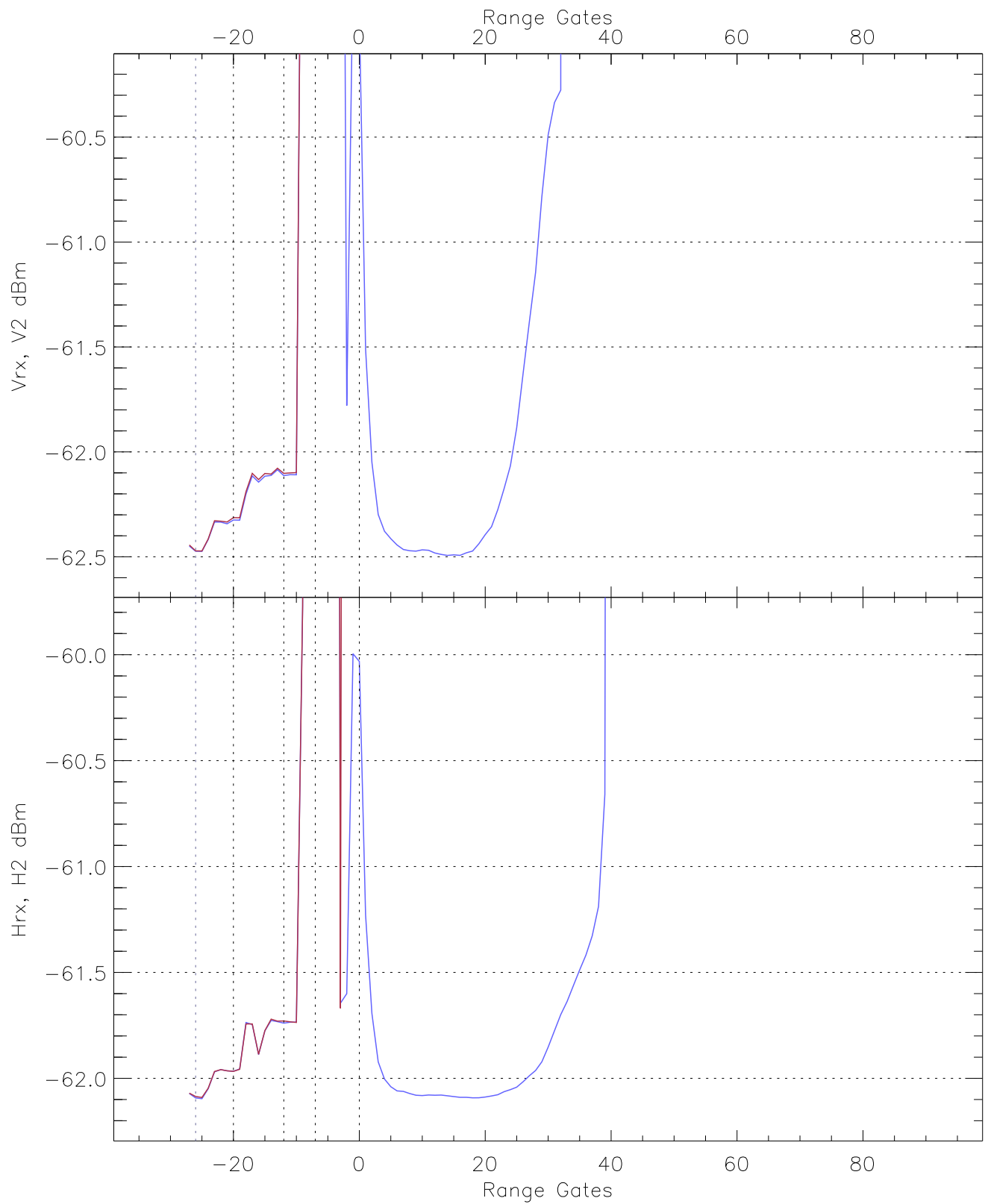
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
V2RG192_0 [dBm]	-63.42	-61.58	-62.47	-62.48	-75.85
H2RM_0 [dBm]	-62.95	-61.36	-62.09	-62.09	-75.53

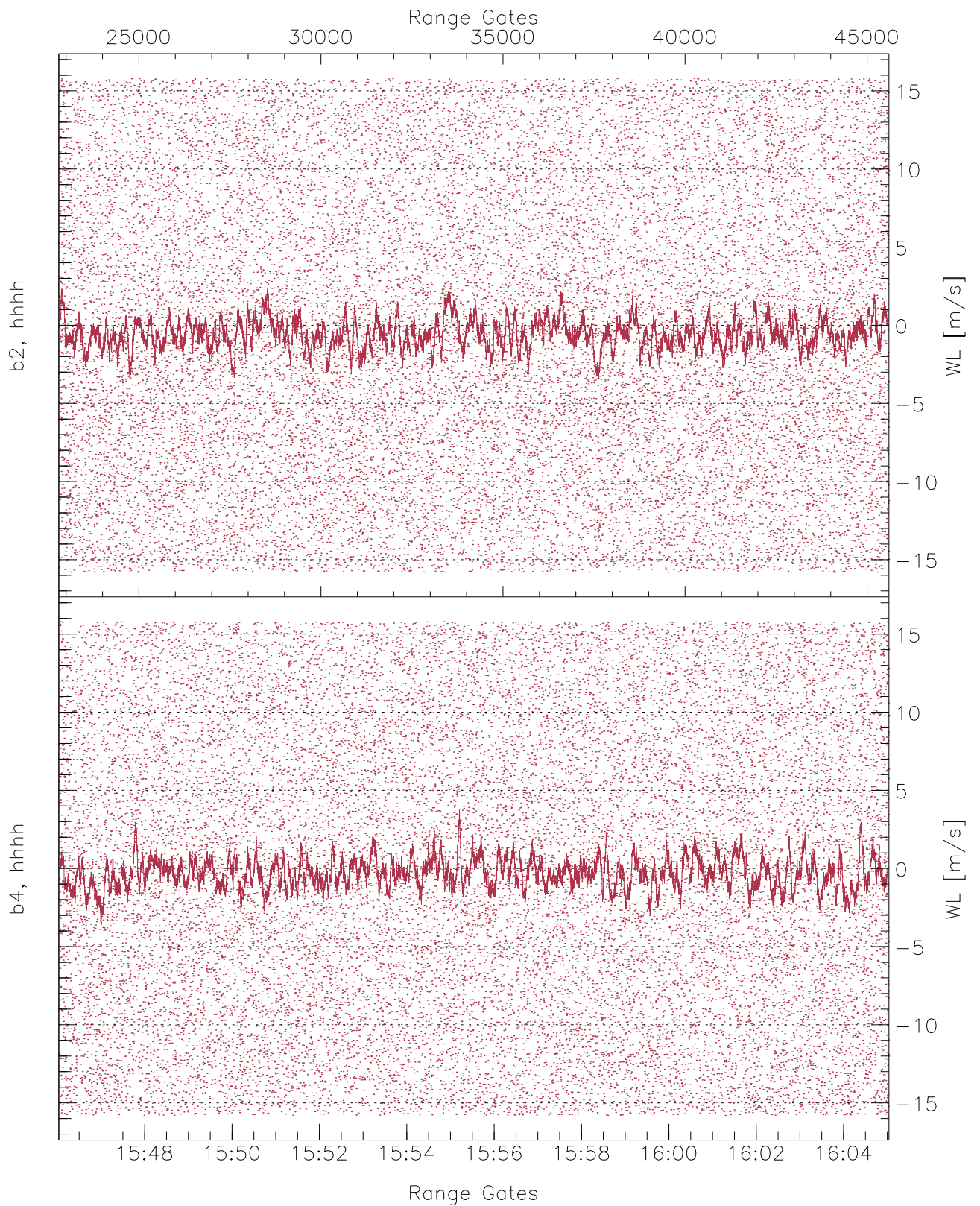


WCR2 CPP Averaged Received power for all recorded gates  
blue: 154602-155532, 11401 profiles averaged  
red: 155532-160502, 11400 profiles averaged

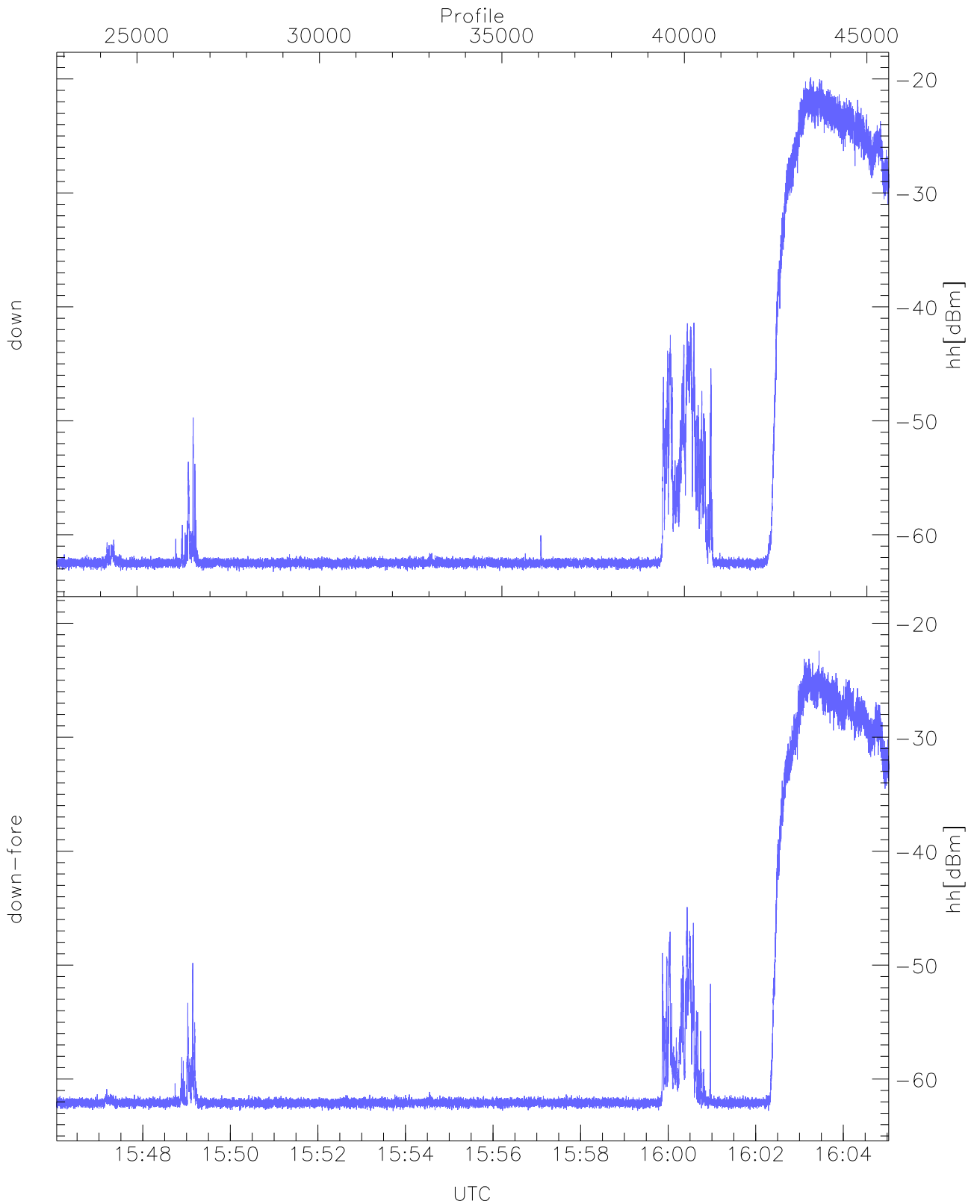




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 154602-155532, 11401 profiles averaged  
red: 155532-160502, 11400 profiles averaged

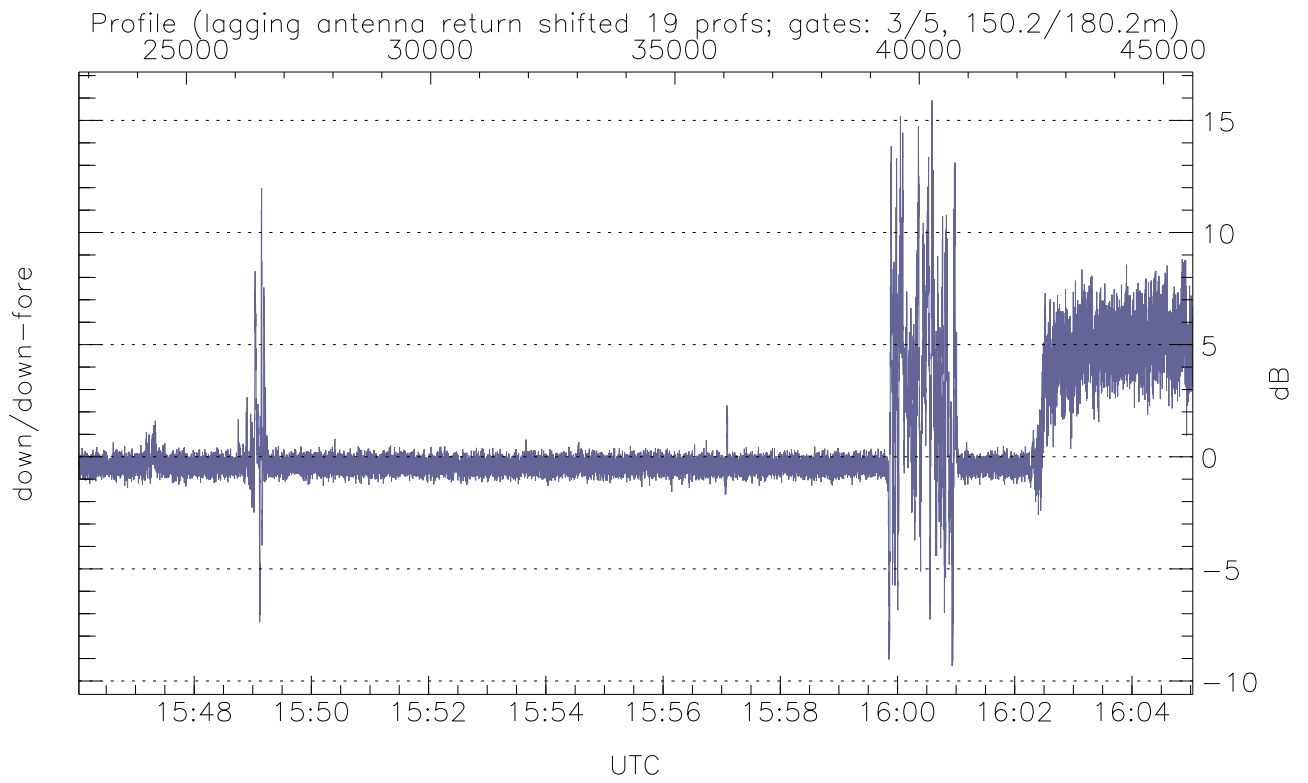


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



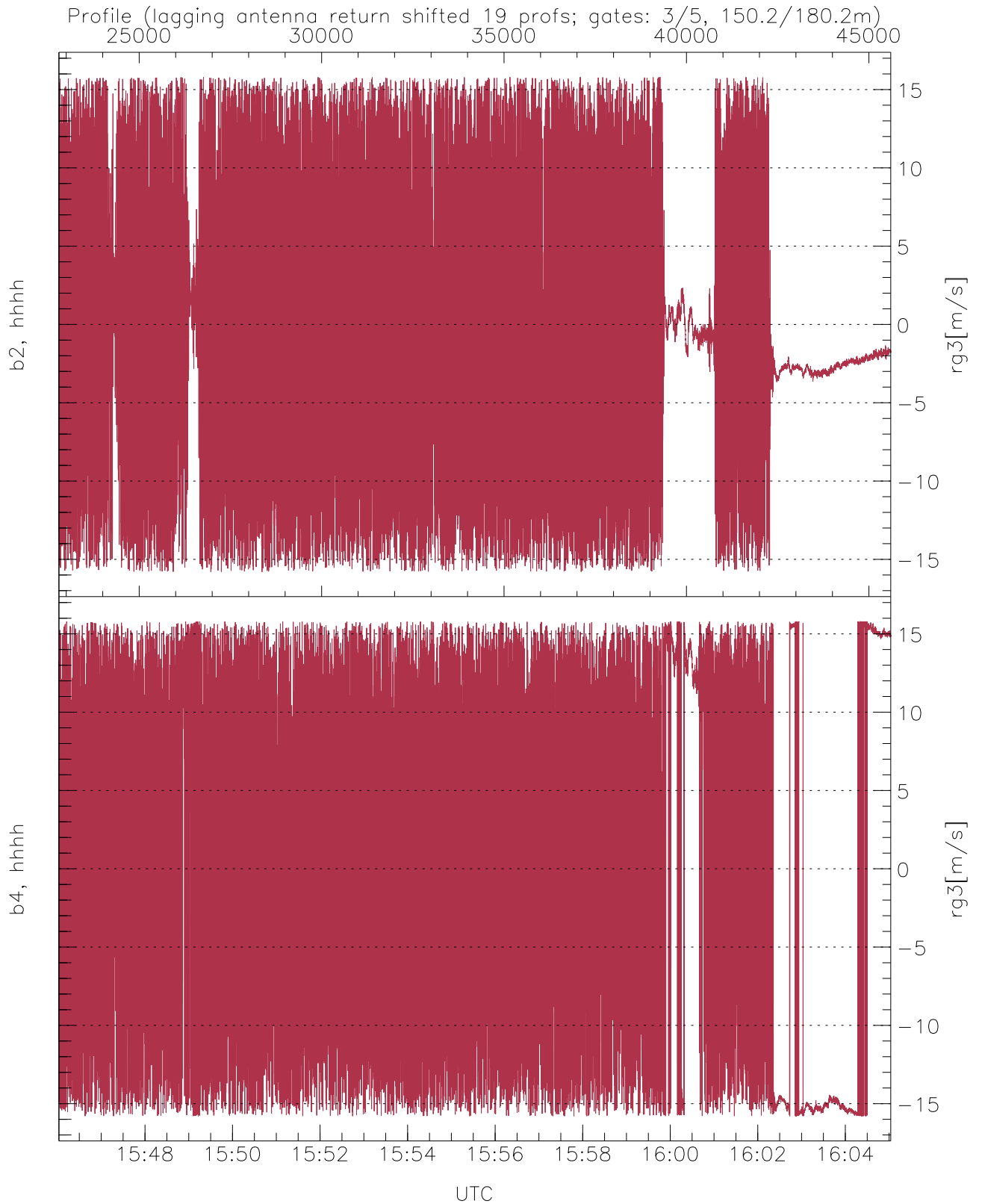
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
down(hh[dBm])	-63.26	-19.83	-33.02
down-fore(hh[dBm])	-62.80	-22.43	-36.45



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

	Min	Max	Mean
down/down-fore(dB)	-9.34	15.90	0.58



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b2, hhhh(rg3[m/s])	-15.80	15.80	-0.80	7.87
b4, hhhh(rg3[m/s])	-15.80	15.80	-0.38	10.55