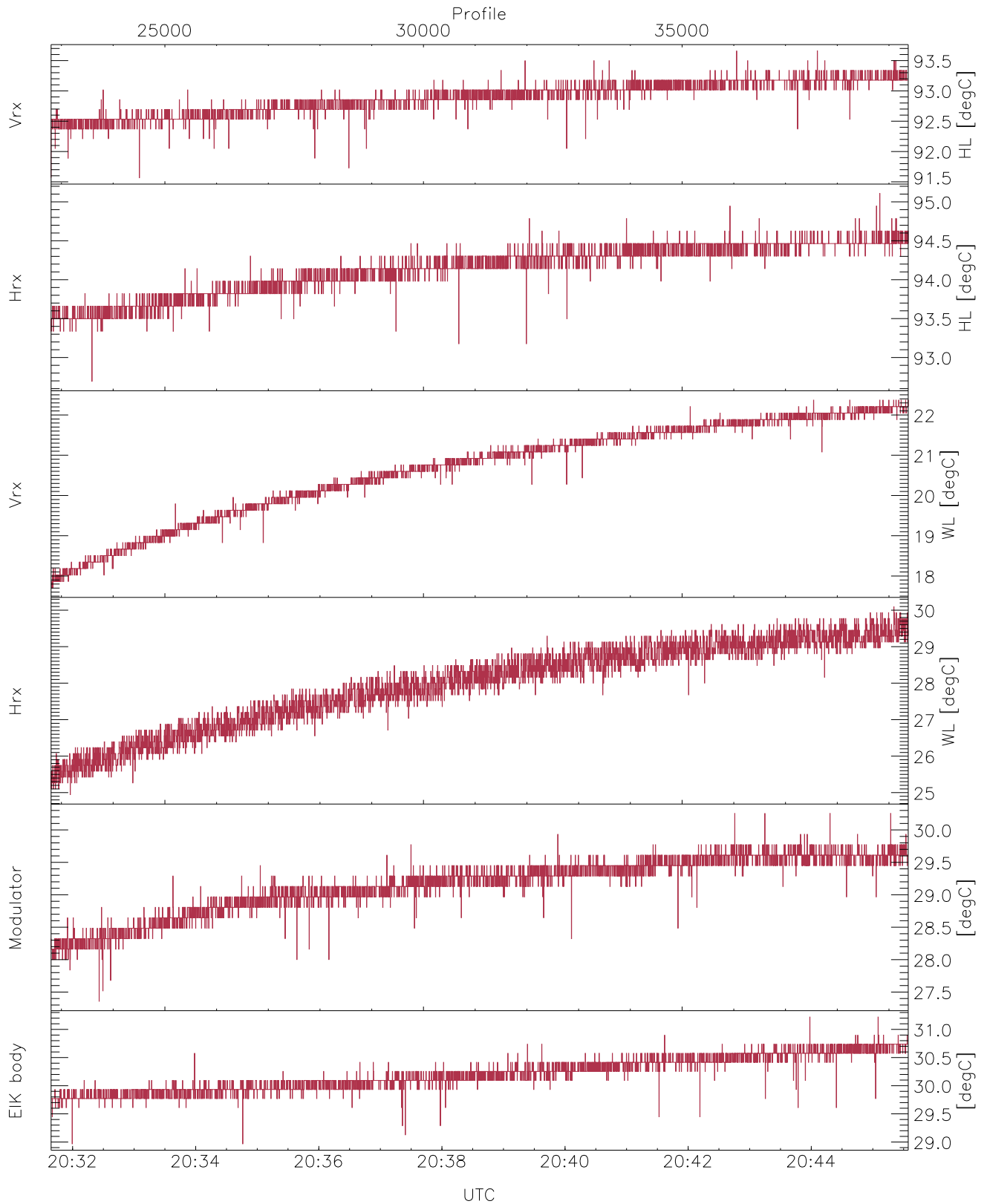


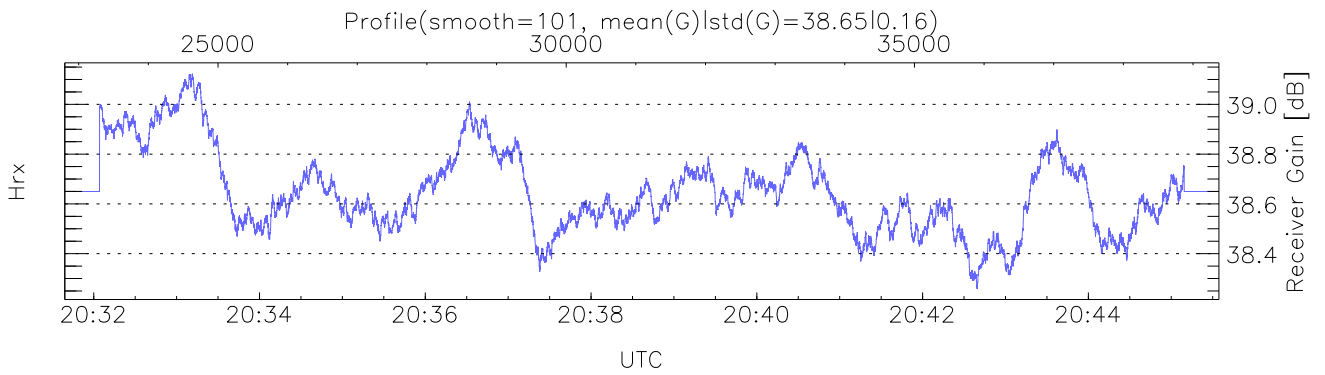
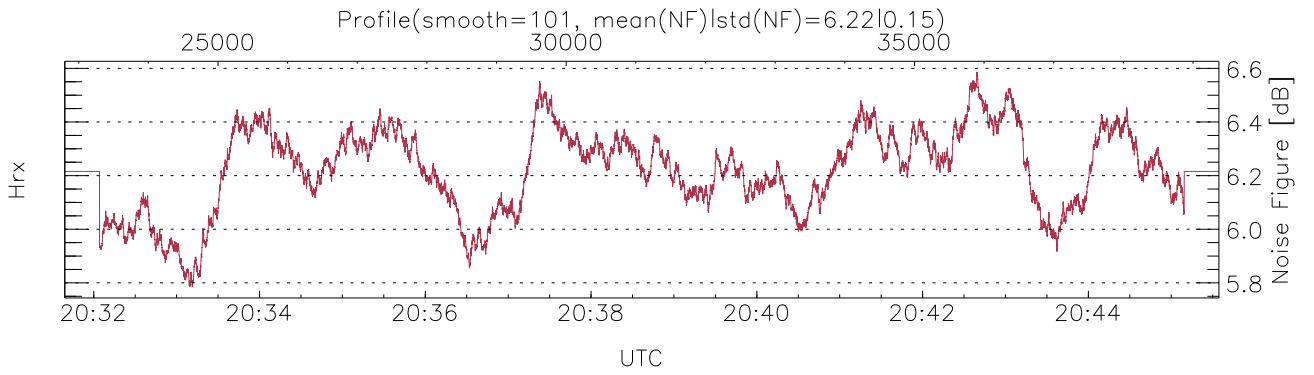
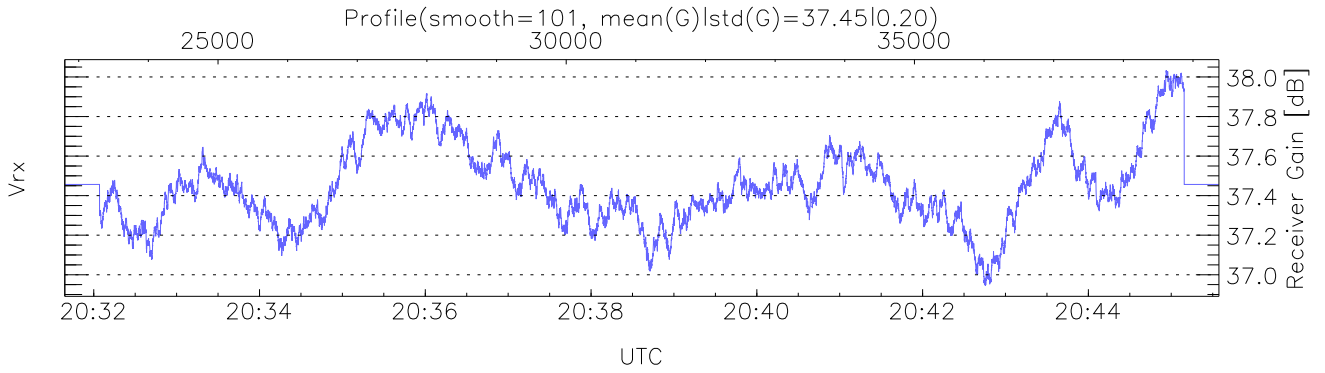
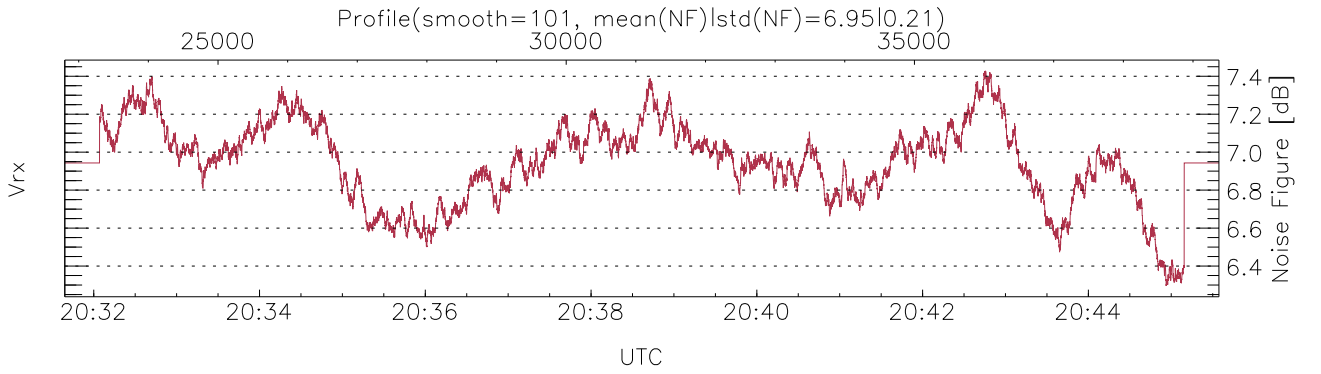
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:12:30-20:45:35, Dur: 1984.90s  
 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): 16574/39374, 22800-39373/20:31:39-20:45:35  
 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,rqs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



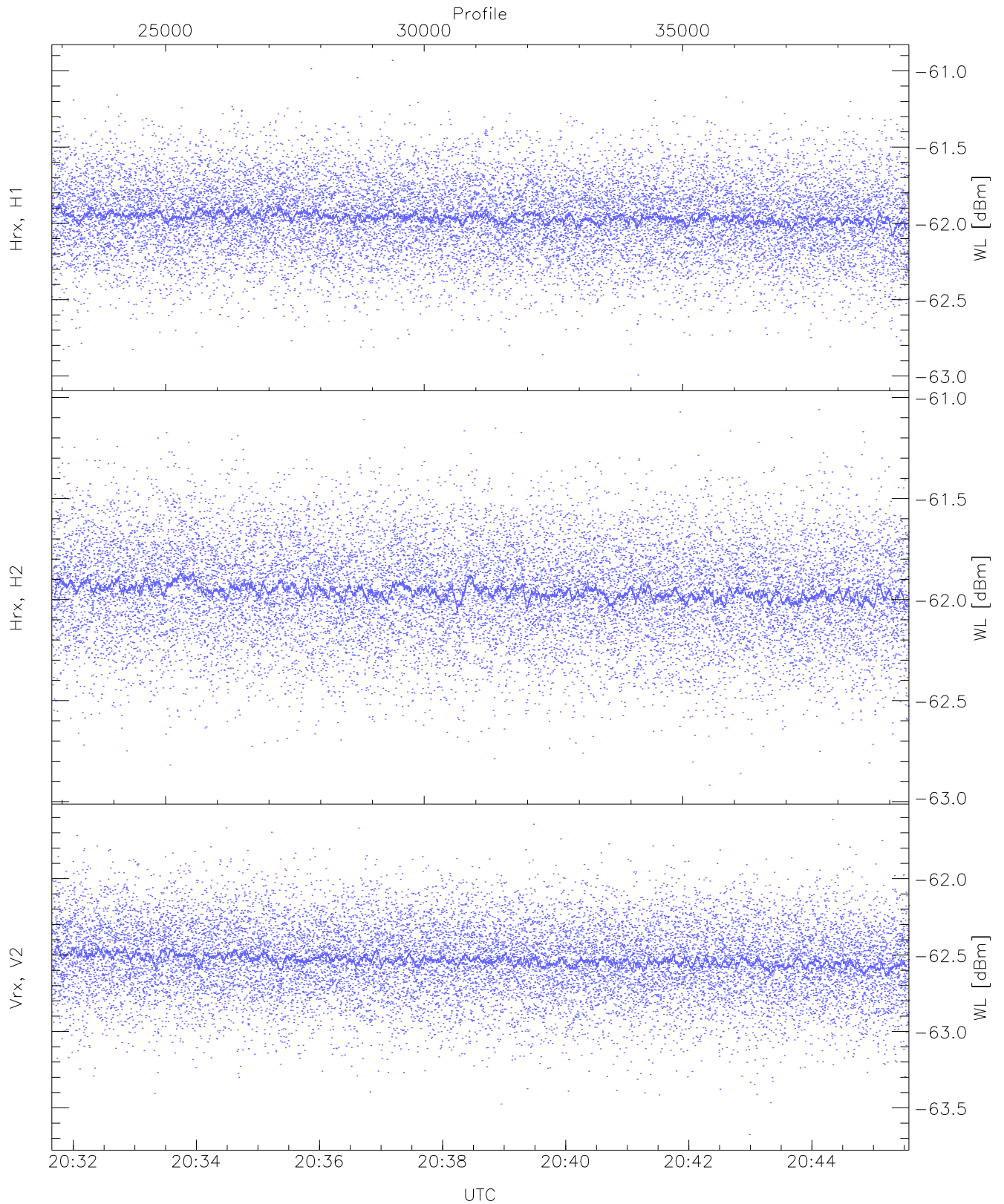
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,24,27,28  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,30,31  
 LOalarm(20,80,240,2.8,14.8 MHz): None  
 EIK Faults(# prof affected):  
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (16,16,16,16,11,10)



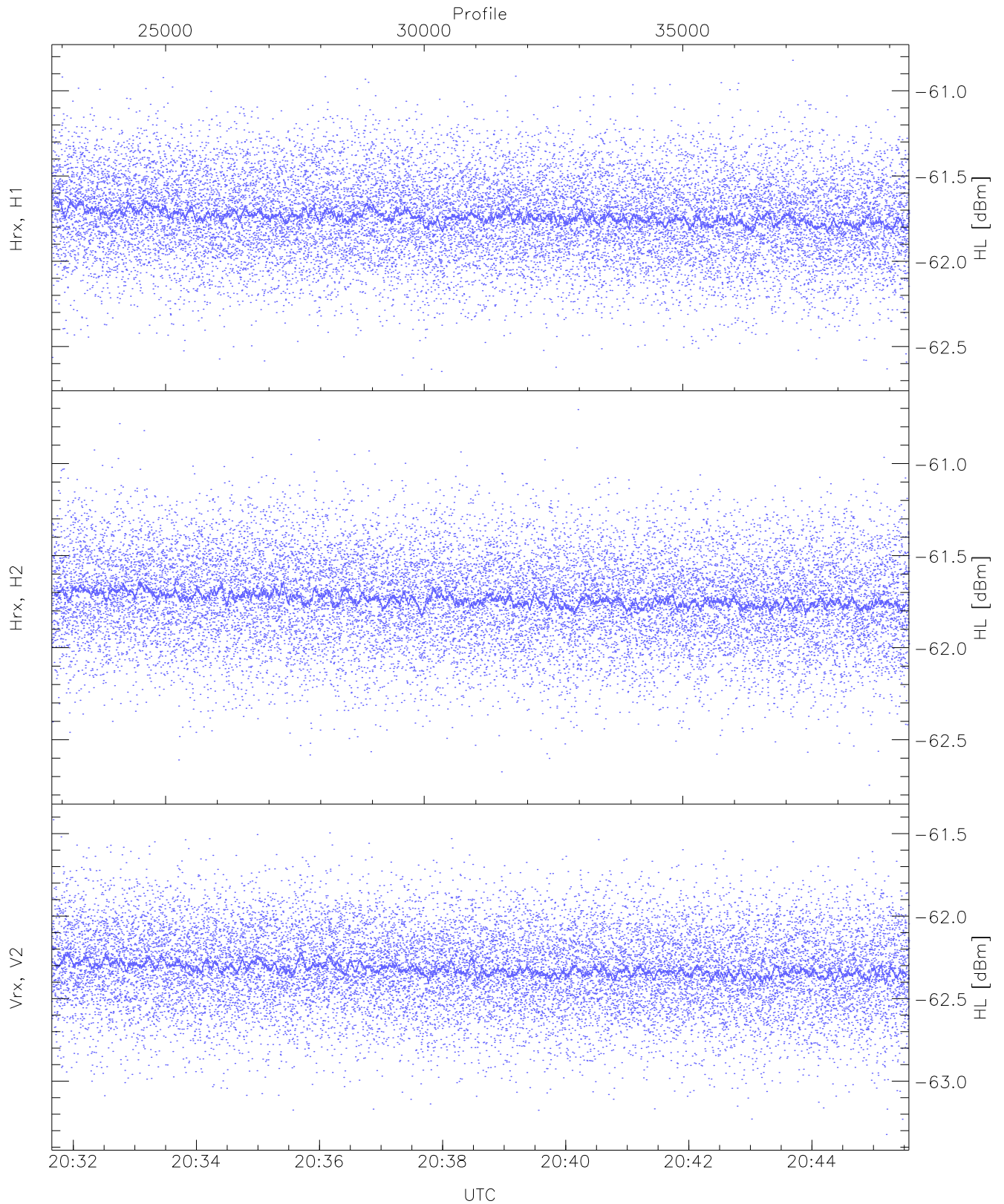
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 8878 pixs, 30 gates, 8224 profs, 2 prods



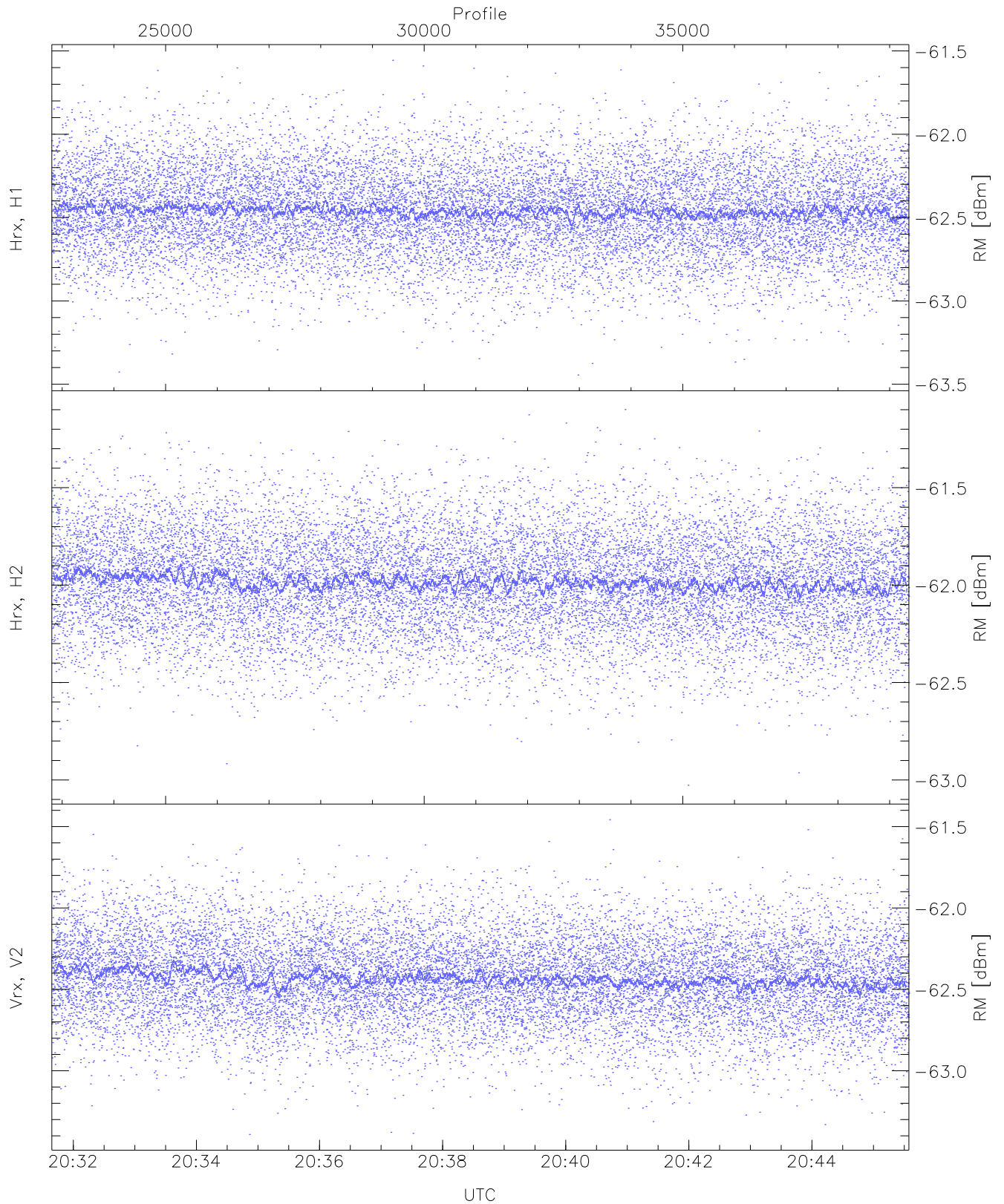
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.99	-60.93	-61.96	-61.96	-74.48
Hrx, H2 (WL [dBm])	-62.92	-61.06	-61.96	-61.96	-74.58
Vrx, V2 (WL [dBm])	-63.67	-61.61	-62.53	-62.53	-75.08



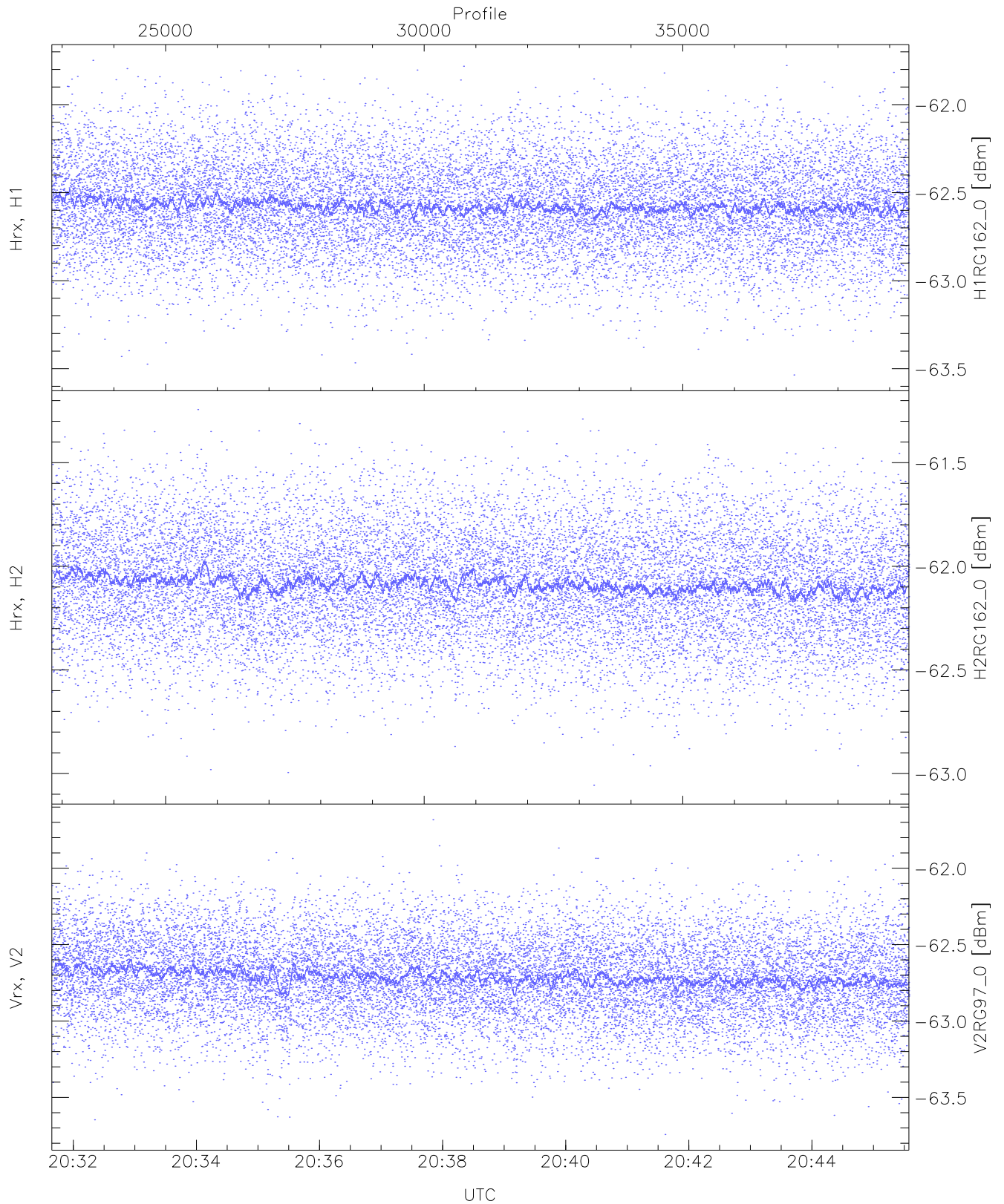
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.67	-60.82	-61.74	-61.74	-74.28
Hrx, H2 (HL [dBm])	-62.75	-60.71	-61.73	-61.73	-74.28
Vrx, V2 (HL [dBm])	-63.32	-61.42	-62.32	-62.32	-74.83



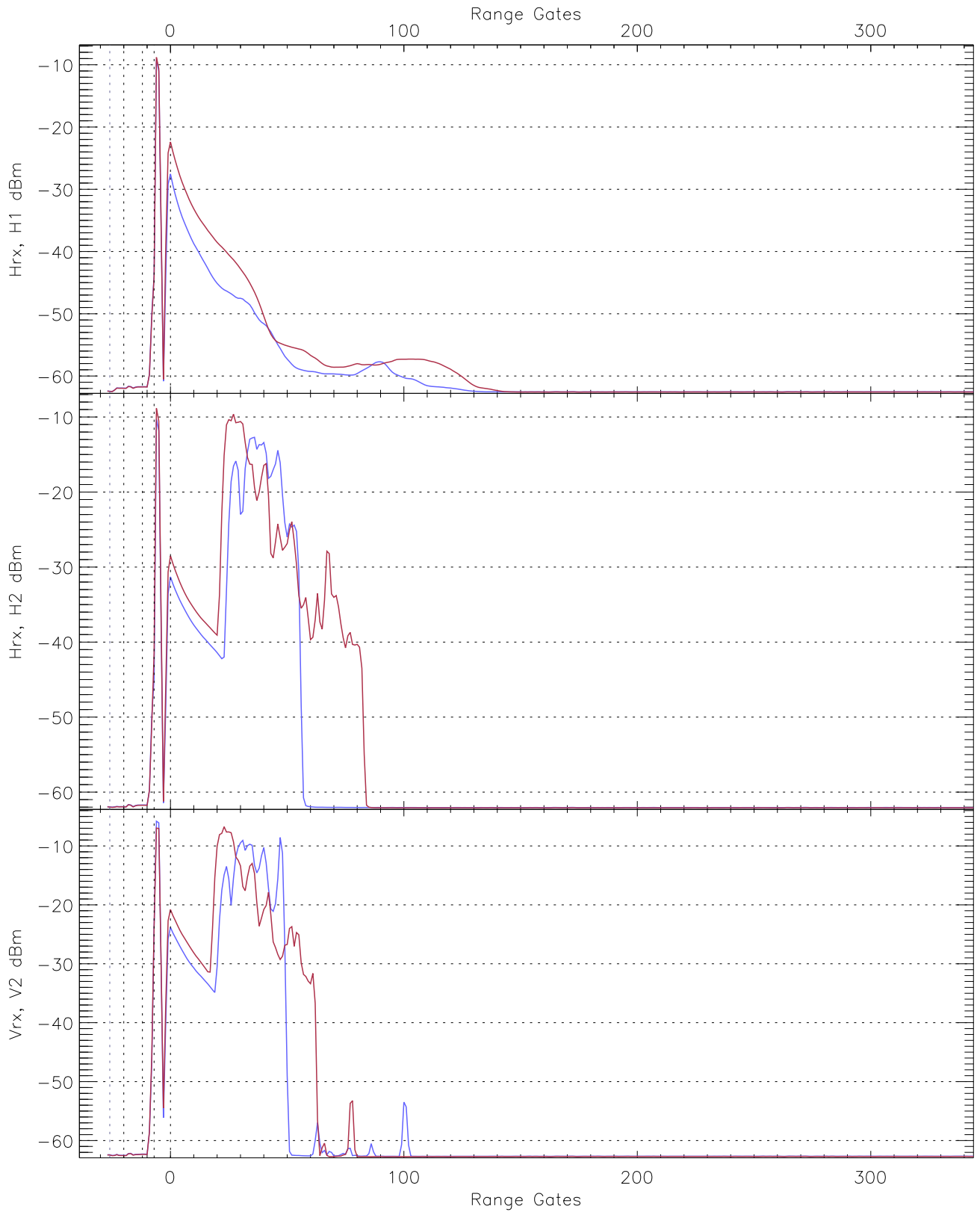
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.44	-61.56	-62.46	-62.46	-74.98
Hrx, H2 (RM [dBm])	-63.03	-61.10	-61.98	-61.98	-74.60
Vrx, V2 (RM [dBm])	-63.39	-61.46	-62.43	-62.44	-74.95



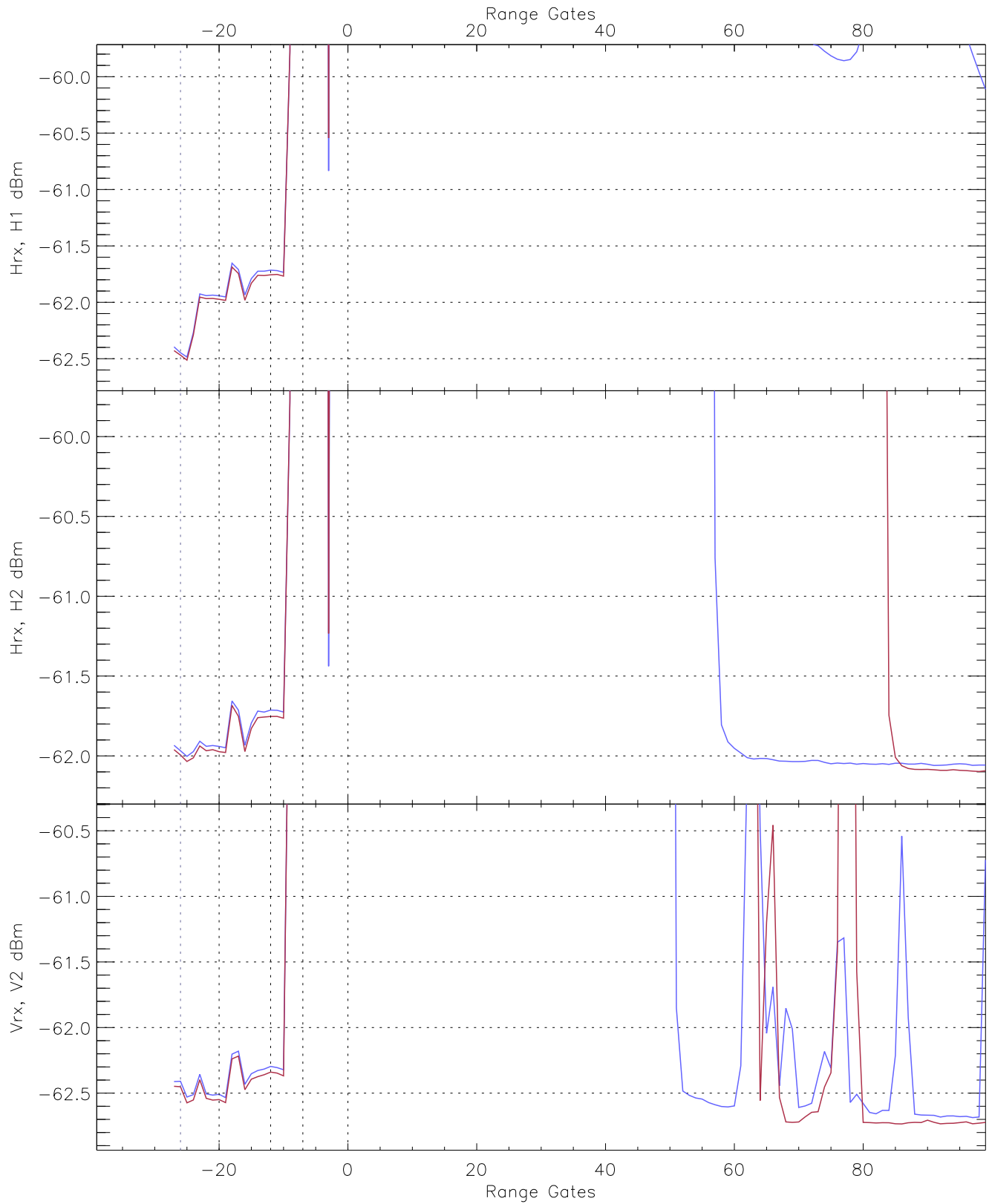
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.54	-61.75	-62.57	-62.58	-75.13
H2RG162_0 [dBm]	-63.06	-61.24	-62.08	-62.09	-74.65
V2RG97_0 [dBm]	-63.74	-61.68	-62.71	-62.72	-75.20

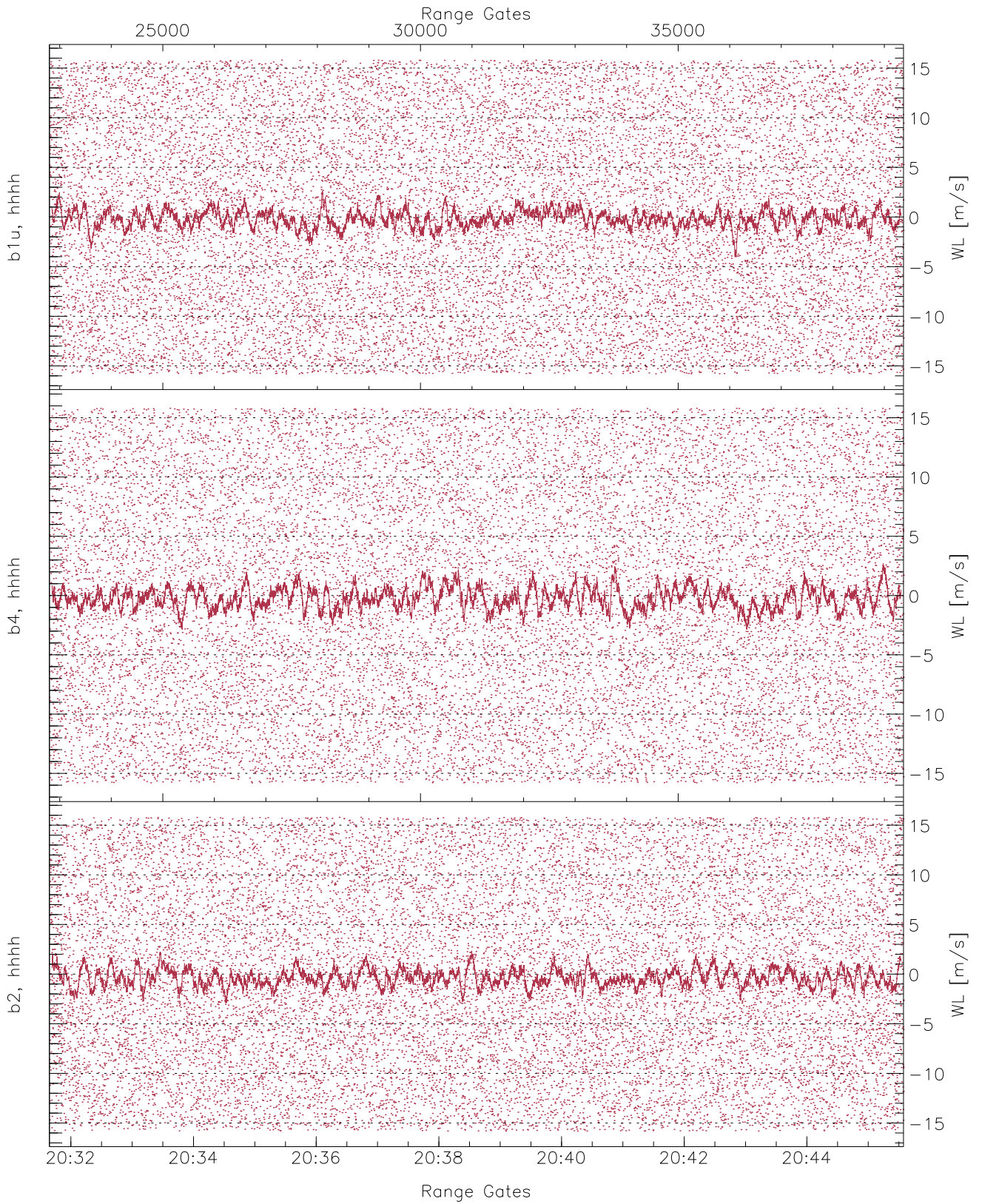


WCR2 CPP Averaged Received power for all recorded gates  
blue: 203139-203837, 8288 profiles averaged  
red: 203837-204535, 8287 profiles averaged

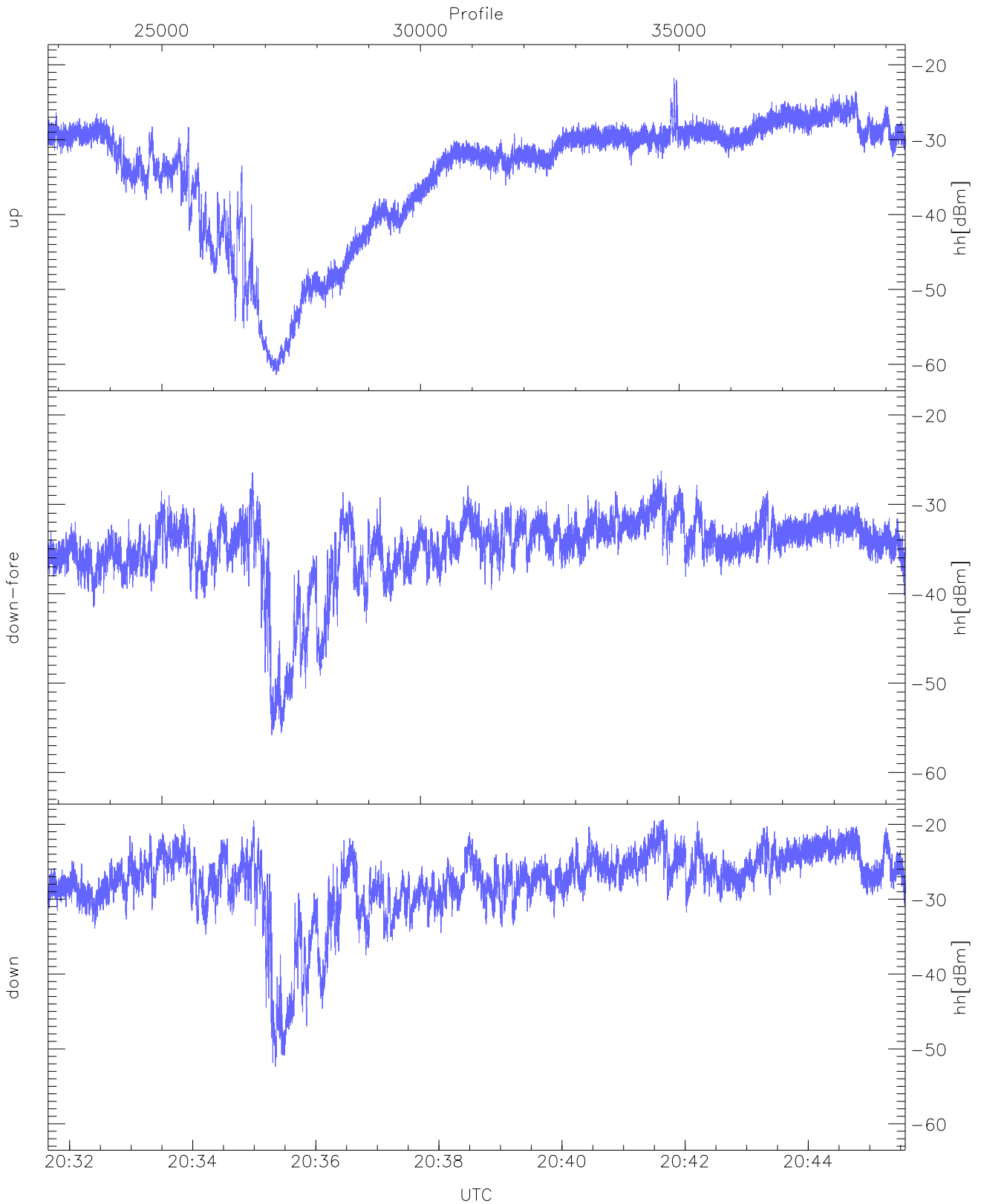




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 203139-203837, 8288 profiles averaged  
red: 203837-204535, 8287 profiles averaged

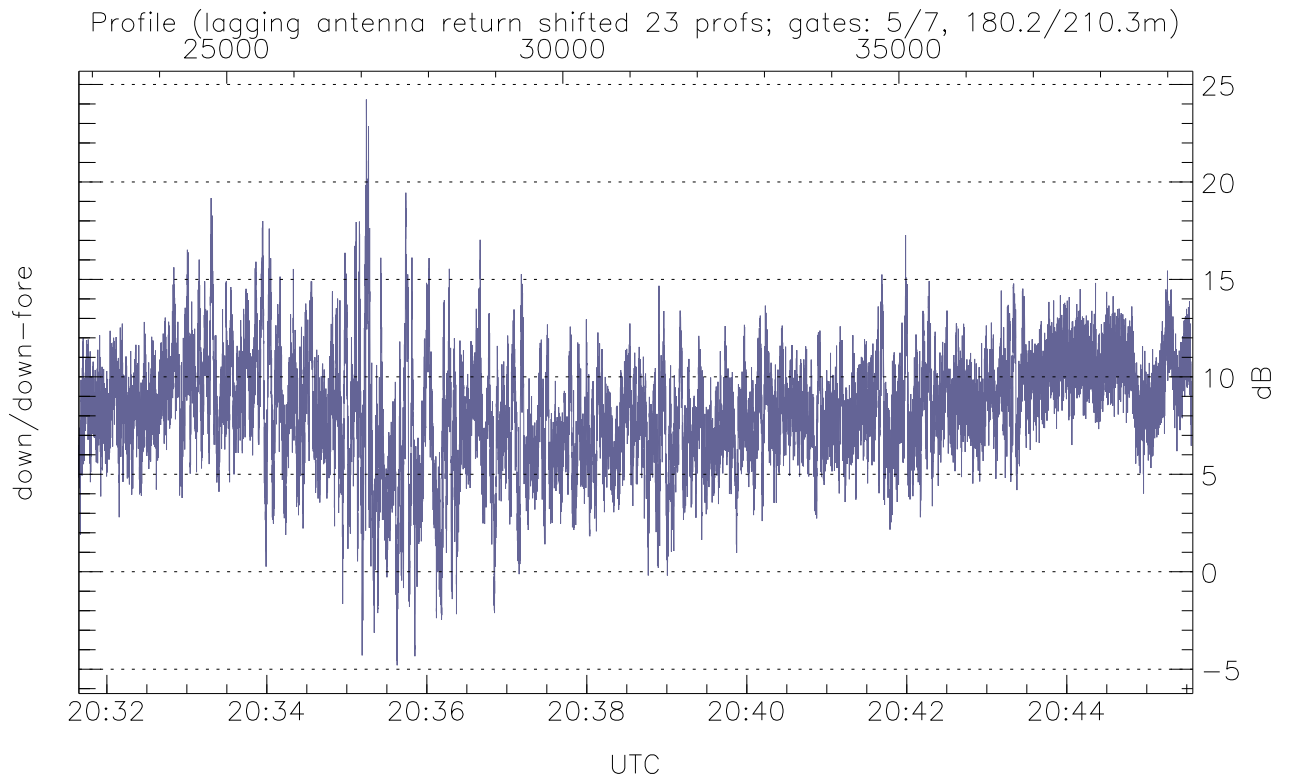
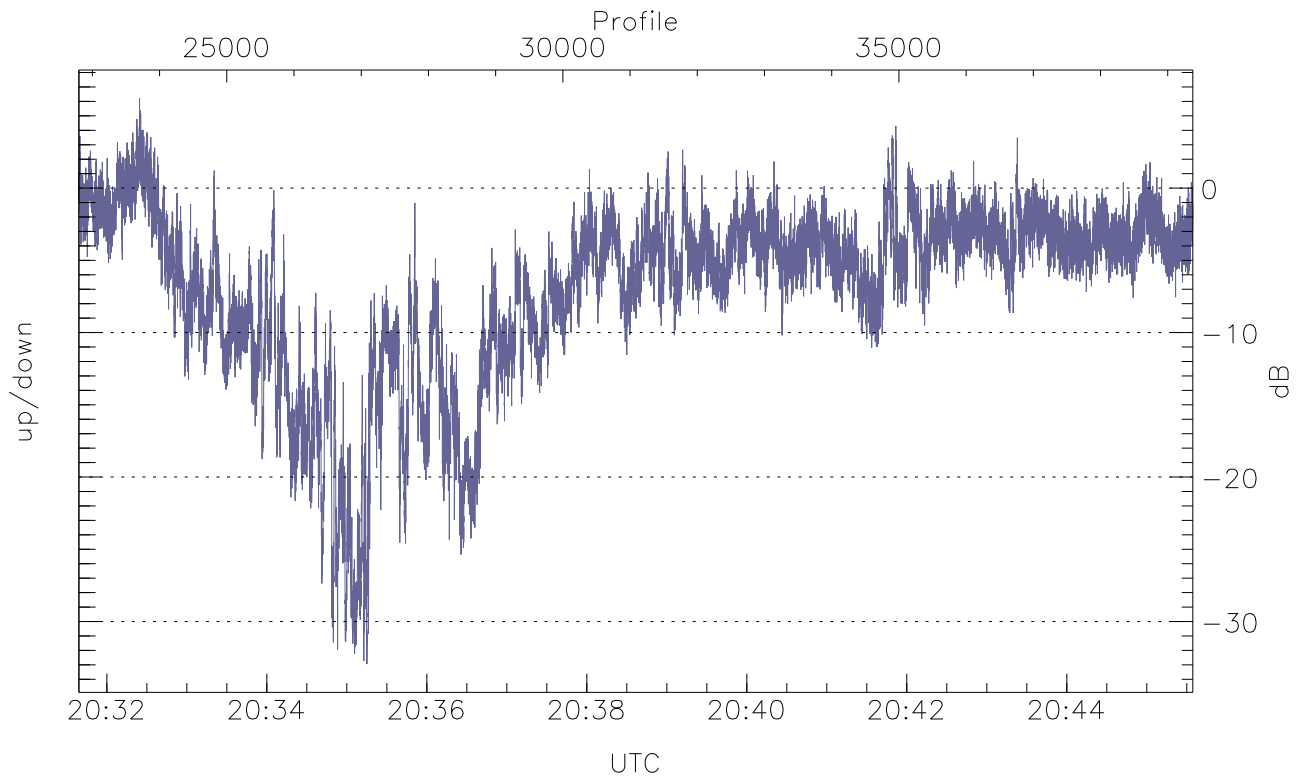


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

	Min	Max	Mean
up(hh[dBm])	-61.43	-21.79	-30.82
down-fore(hh[dBm])	-55.82	-26.23	-33.72
down(hh[dBm])	-52.39	-19.40	-26.15



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

	Min	Max	Mean
up/down (dB)	-32.95	6.22	-6.91
down/down-fore (dB)	-4.80	24.23	8.31

