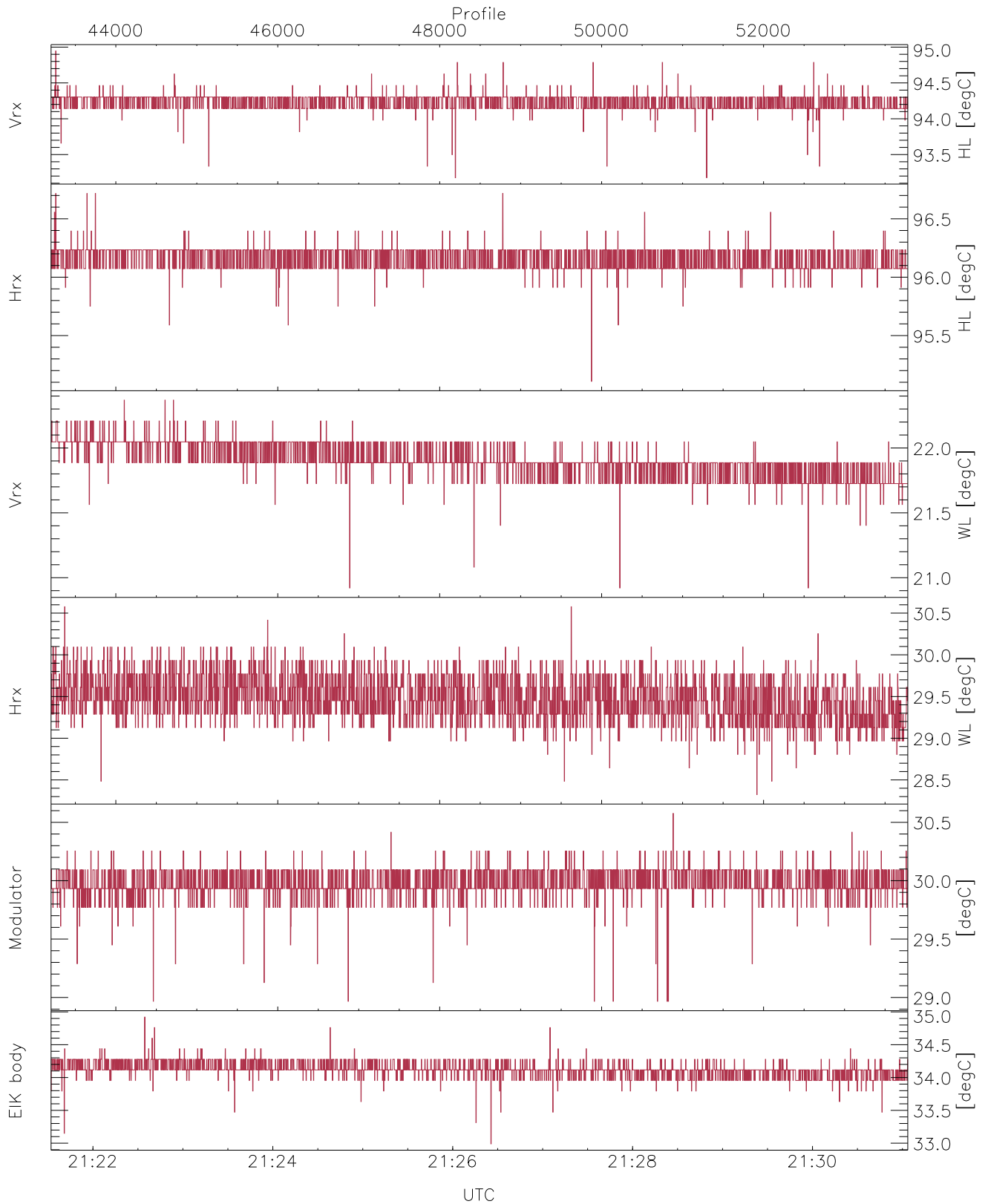


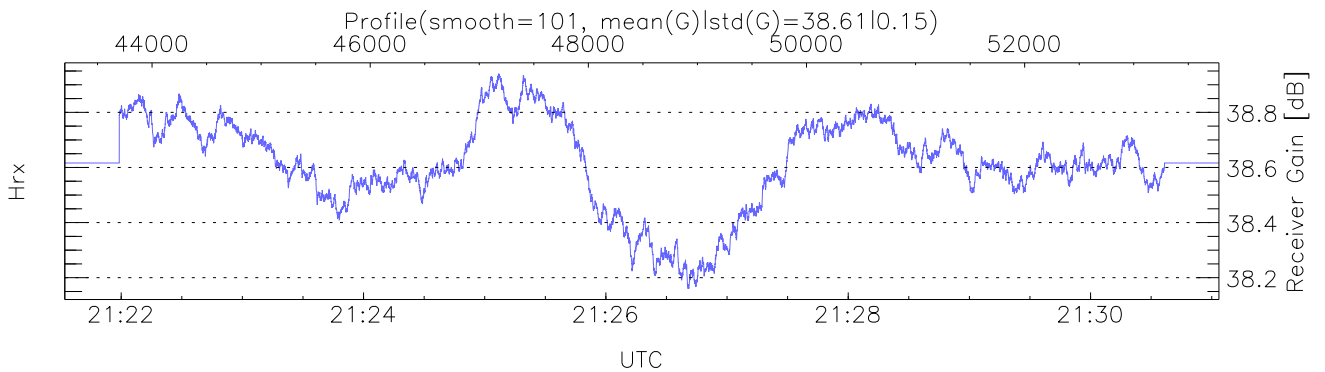
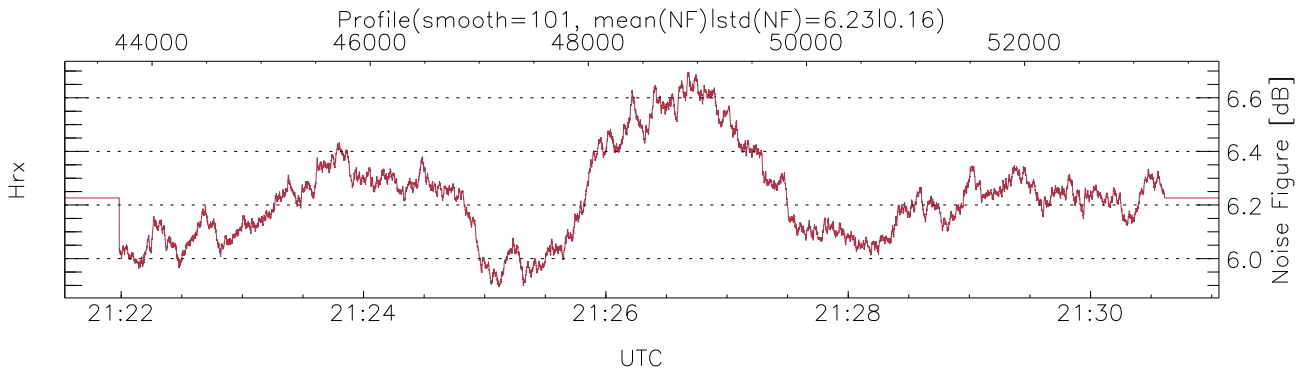
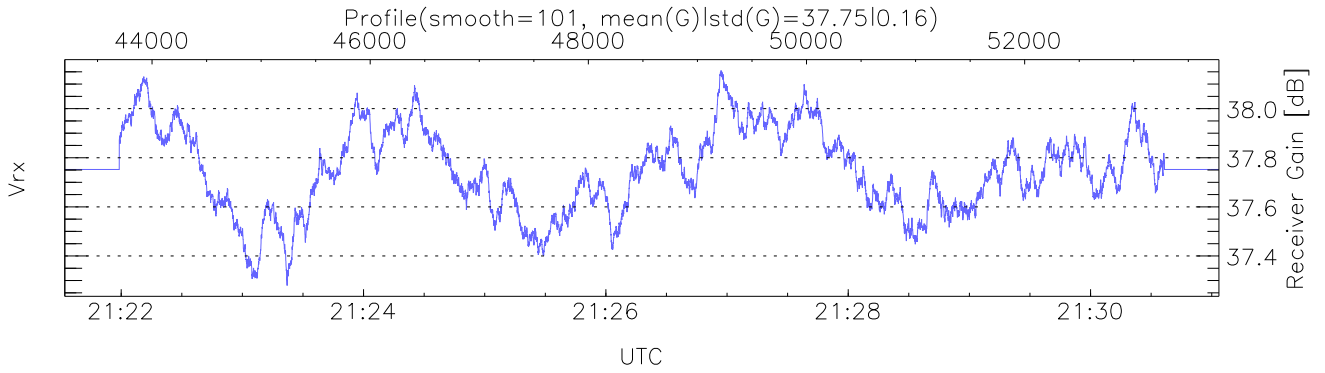
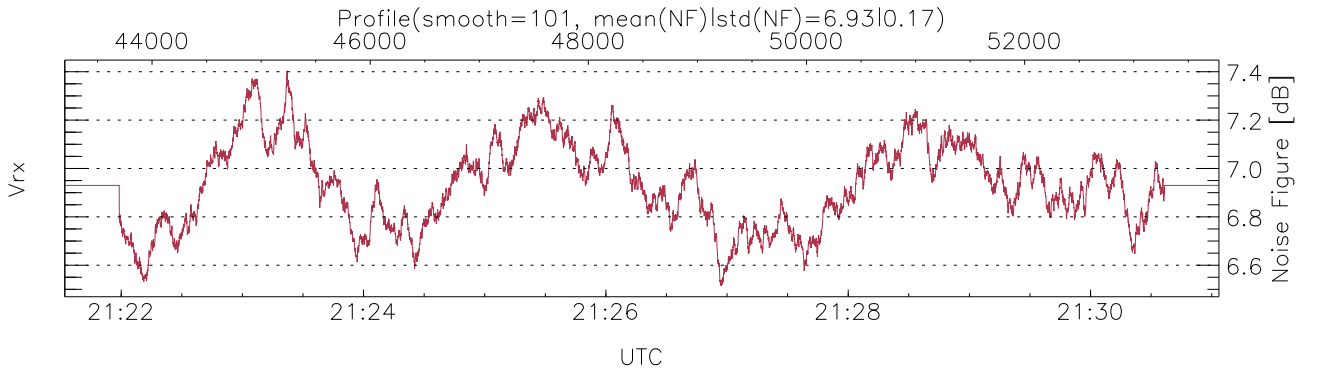
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:42:39-21:31:04, Dur: 2904.90s  
 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): 10582/53782, 43200-53781/21:21:32-21:31:04  
 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



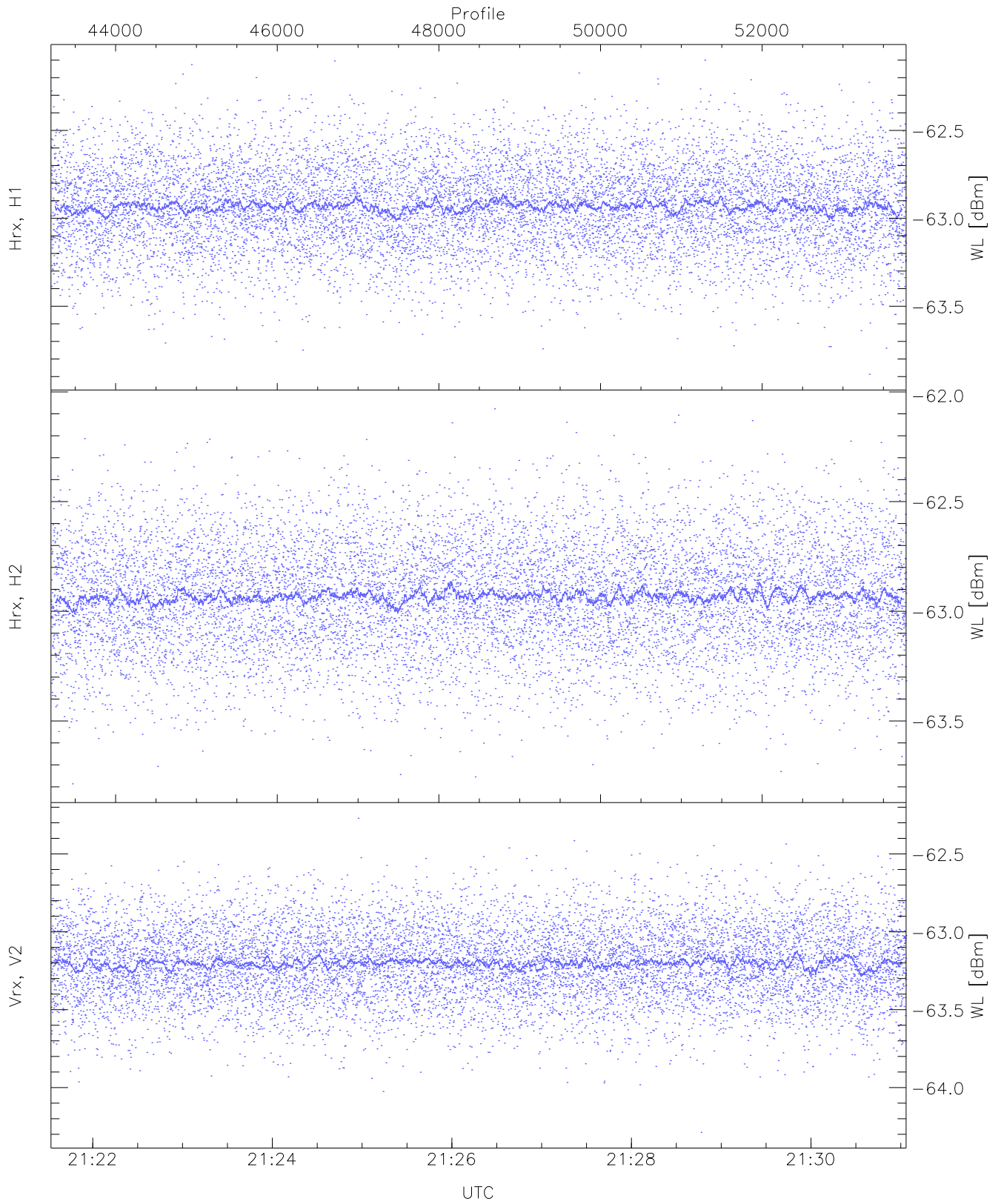
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,20,28,28,32  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,30,30,34  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK Faults(# prof affected):  
DeckT,BodyCurr,DeckF,OverDuty,HVPS (5,10,10,10,5)



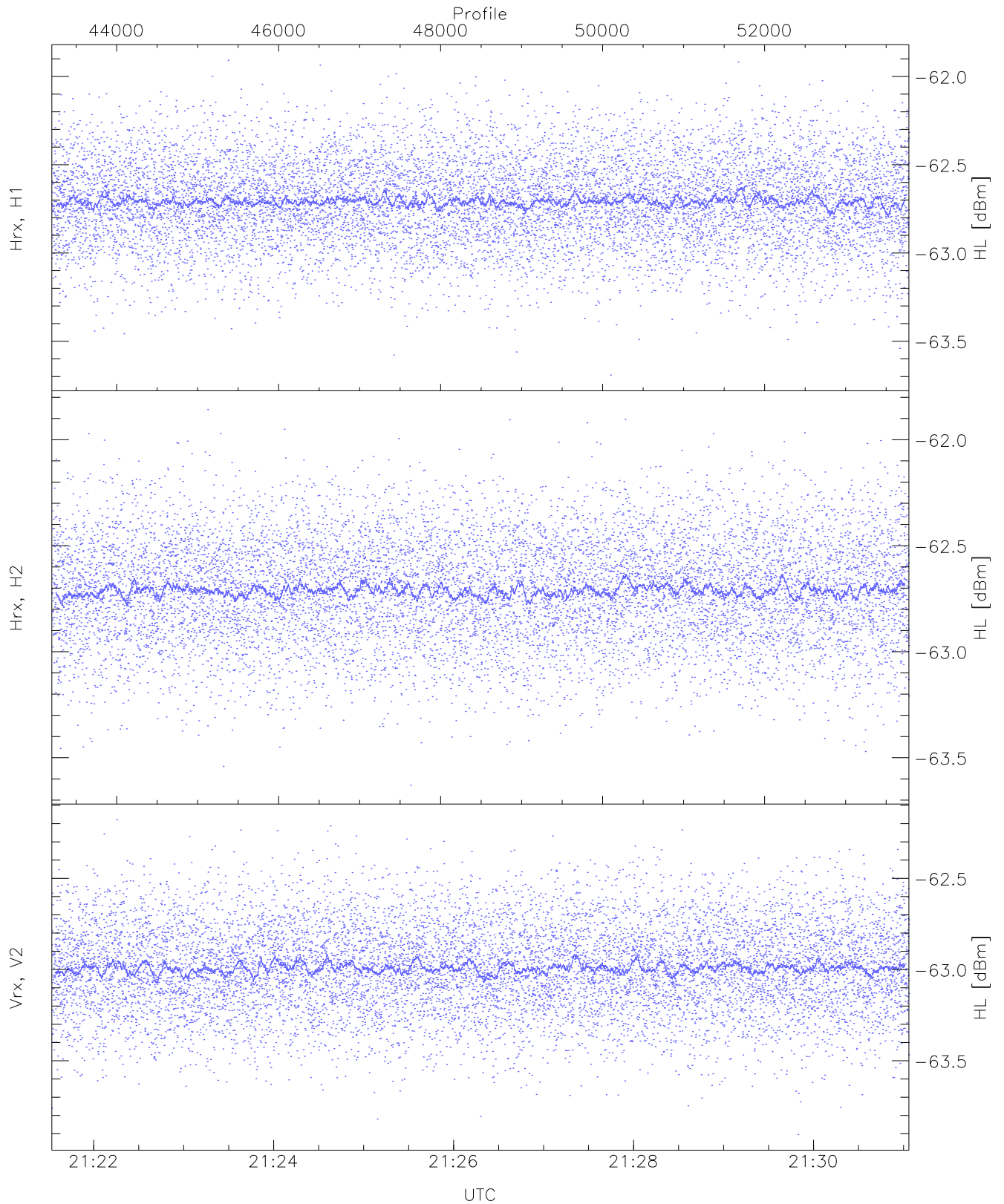
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 5 pixs, 4 gates, 5 profs, 1 prods



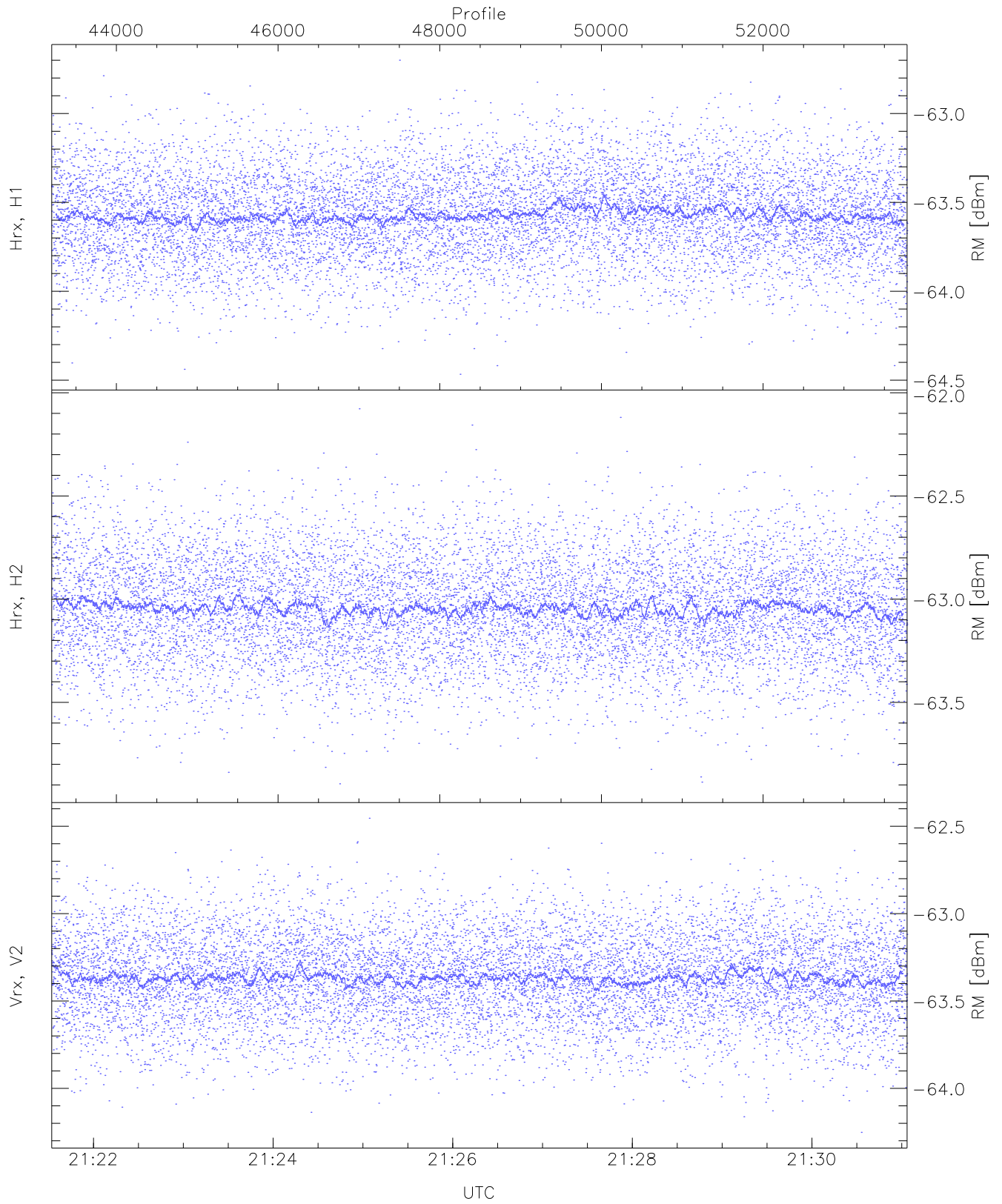
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.89	-62.10	-62.93	-62.93	-75.63
Hrx, H2 (WL [dBm])	-63.79	-62.08	-62.93	-62.93	-75.66
Vrx, V2 (WL [dBm])	-64.29	-62.27	-63.20	-63.20	-75.97



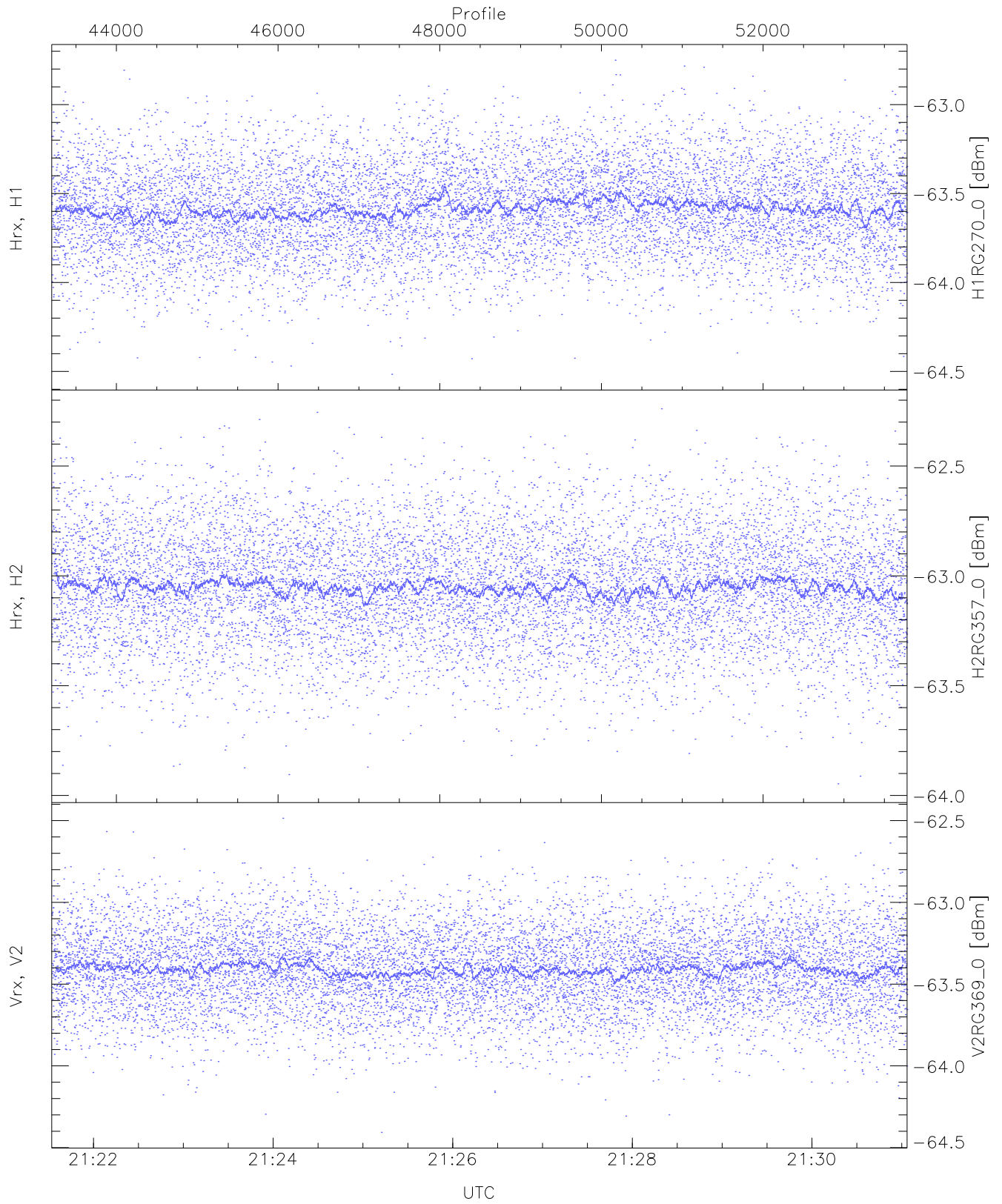
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.69	-61.91	-62.70	-62.71	-75.45
Hrx, H2 (HL [dBm])	-63.63	-61.86	-62.71	-62.71	-75.38
Vrx, V2 (HL [dBm])	-63.90	-62.18	-62.99	-62.99	-75.71



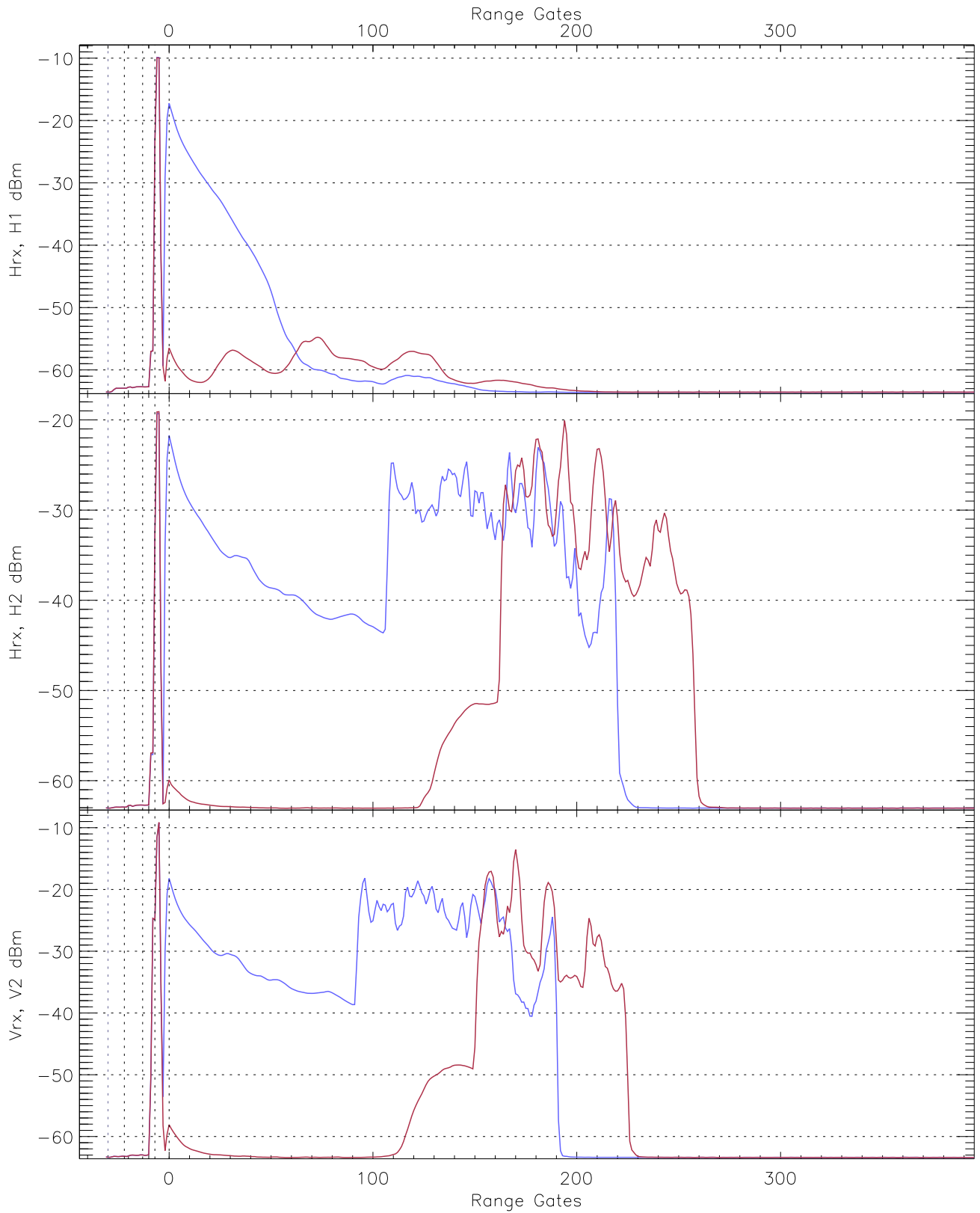
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.47	-62.70	-63.57	-63.57	-76.26
Hrx, H2 (RM [dBm])	-63.89	-62.08	-63.04	-63.05	-75.70
Vrx, V2 (RM [dBm])	-64.25	-62.45	-63.37	-63.37	-76.07



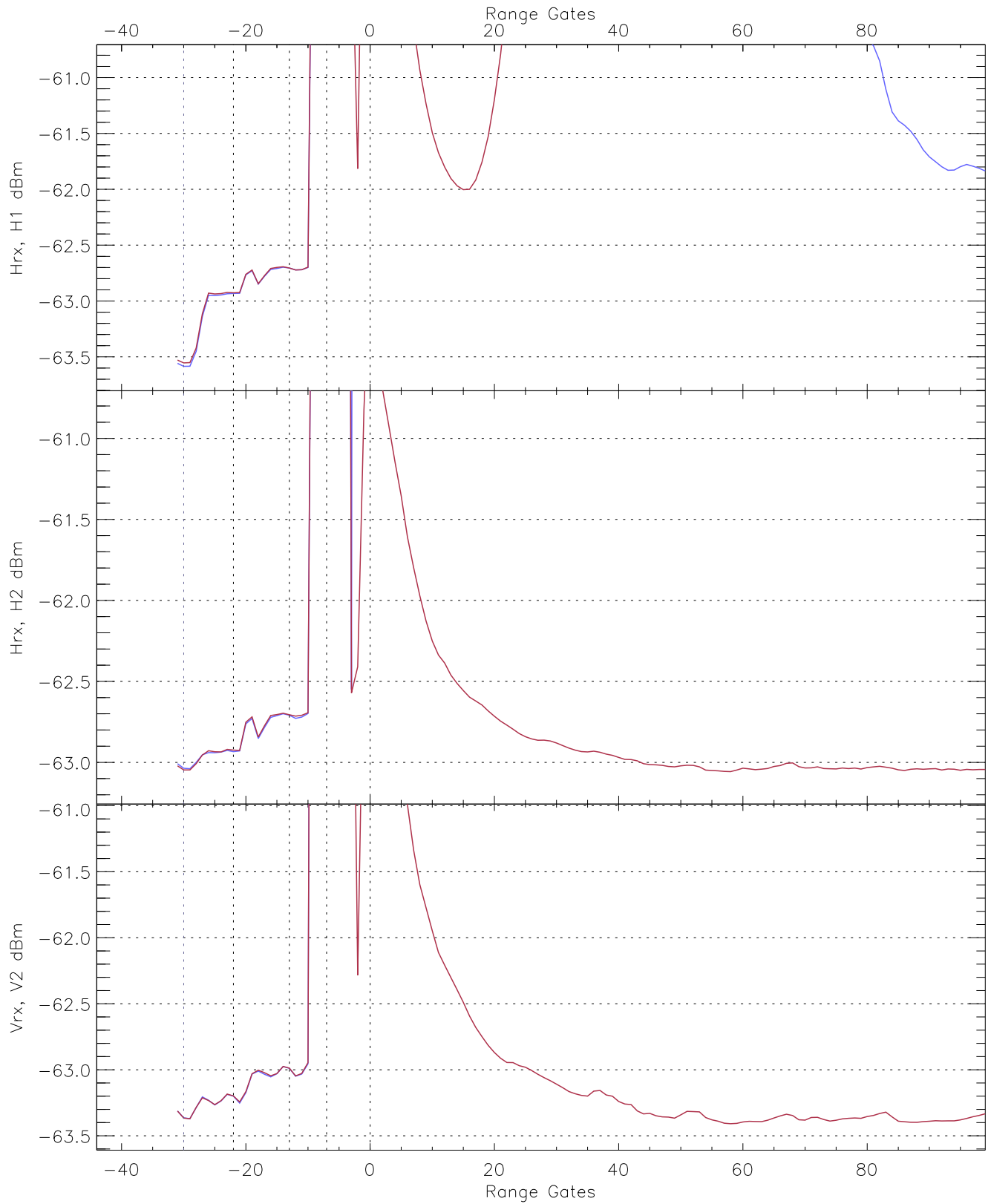
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG270_0 [dBm]	-64.52	-62.75	-63.58	-63.59	-76.22
H2RG357_0 [dBm]	-63.95	-62.24	-63.05	-63.05	-75.72
V2RG369_0 [dBm]	-64.41	-62.49	-63.41	-63.41	-76.10

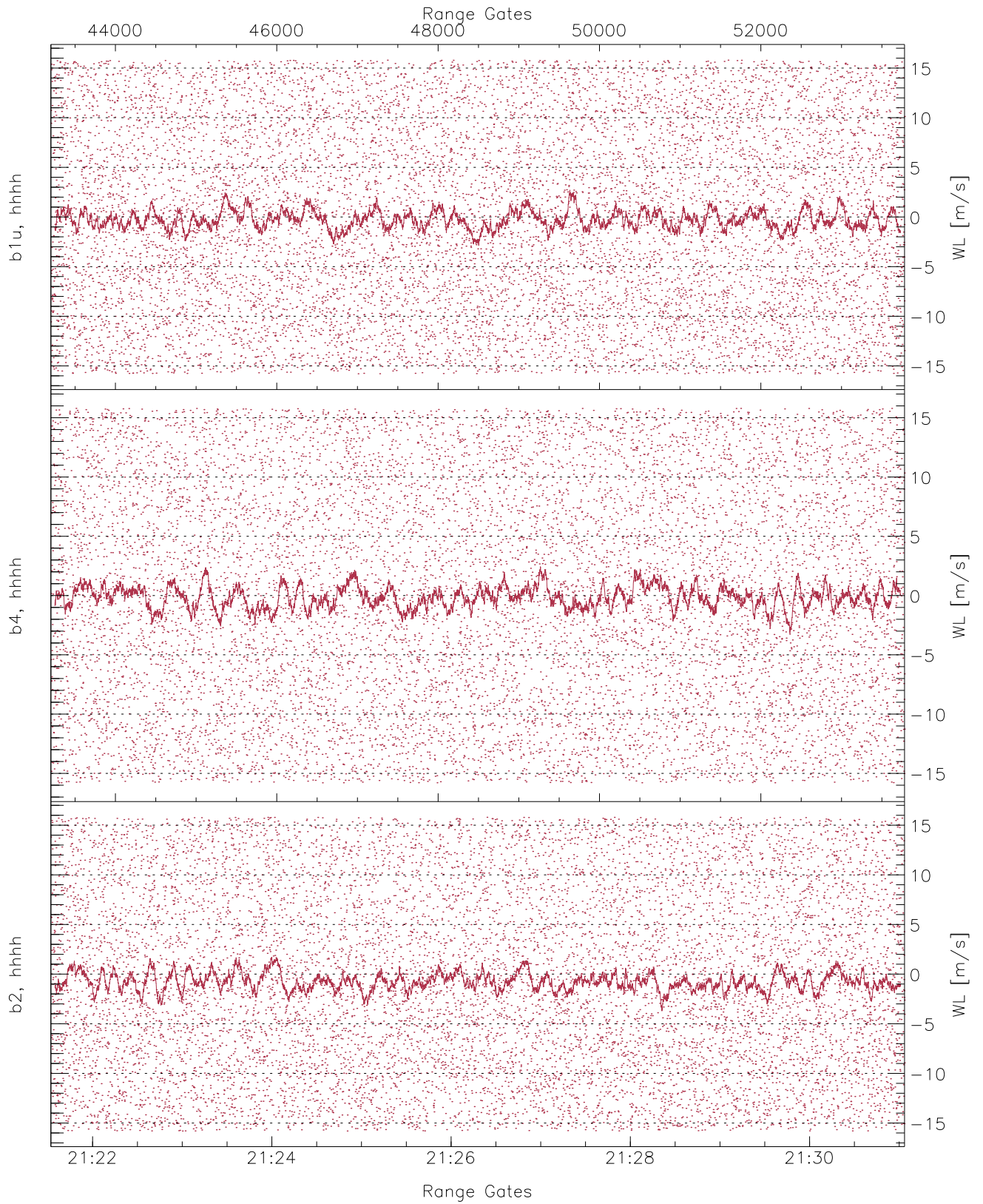


WCR2 CPP Averaged Received power for all recorded gates  
blue: 212132-212618, 5292 profiles averaged  
red: 212618-213104, 5291 profiles averaged

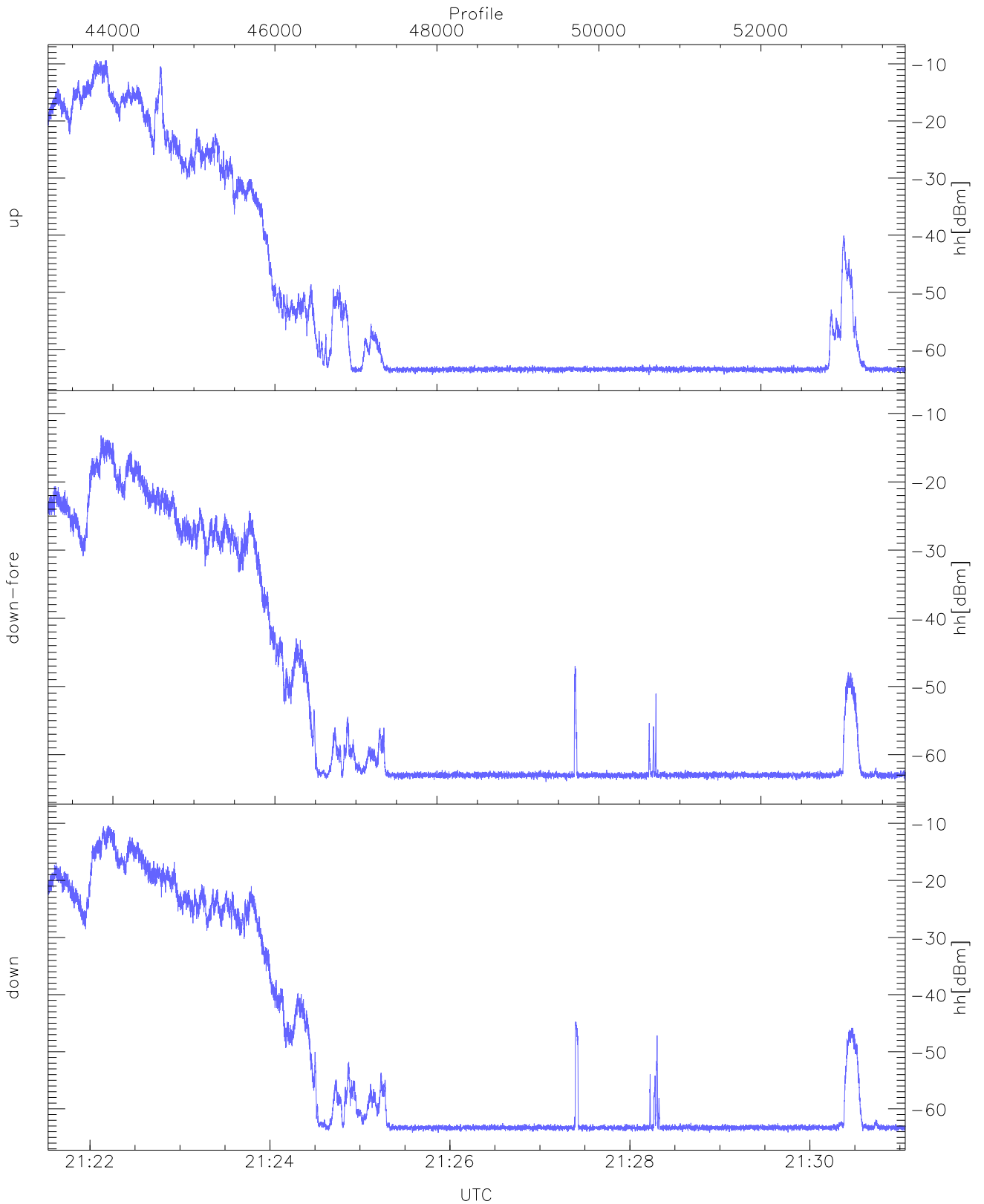




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 212132-212618, 5292 profiles averaged  
red: 212618-213104, 5291 profiles averaged

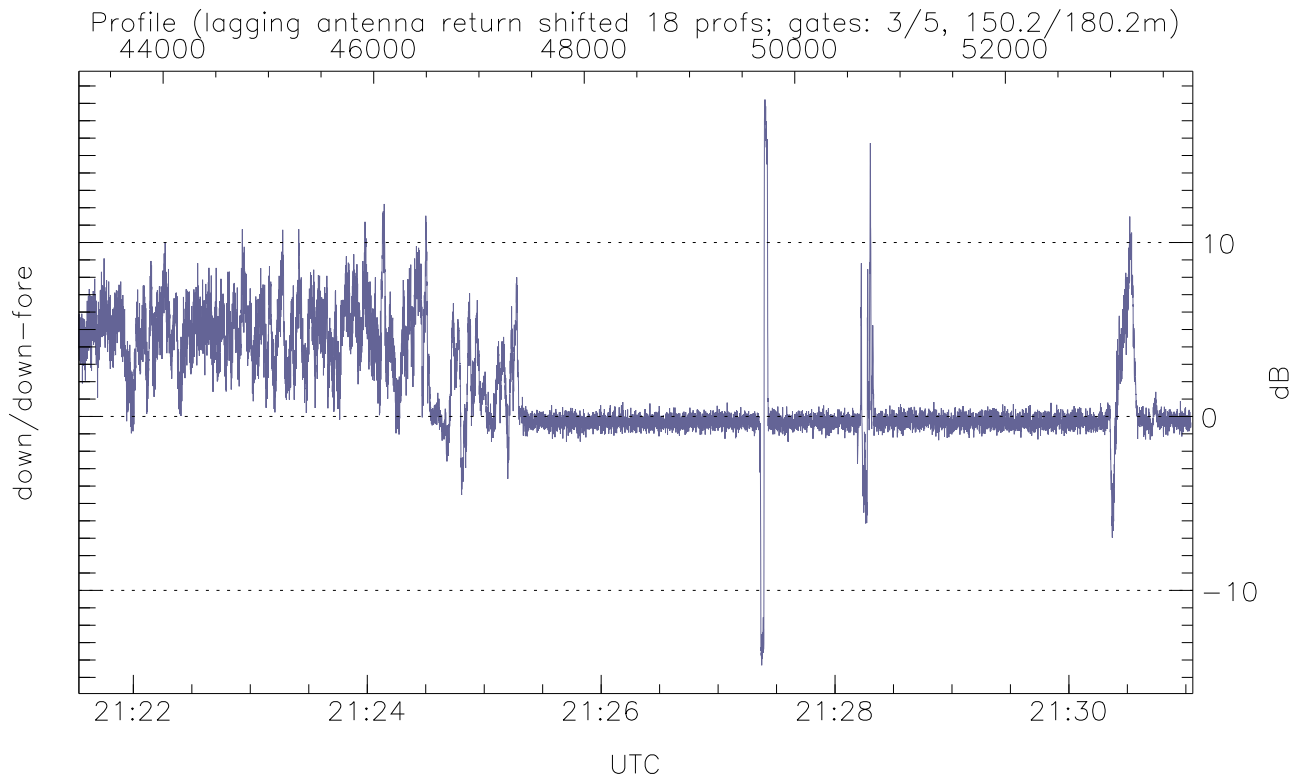
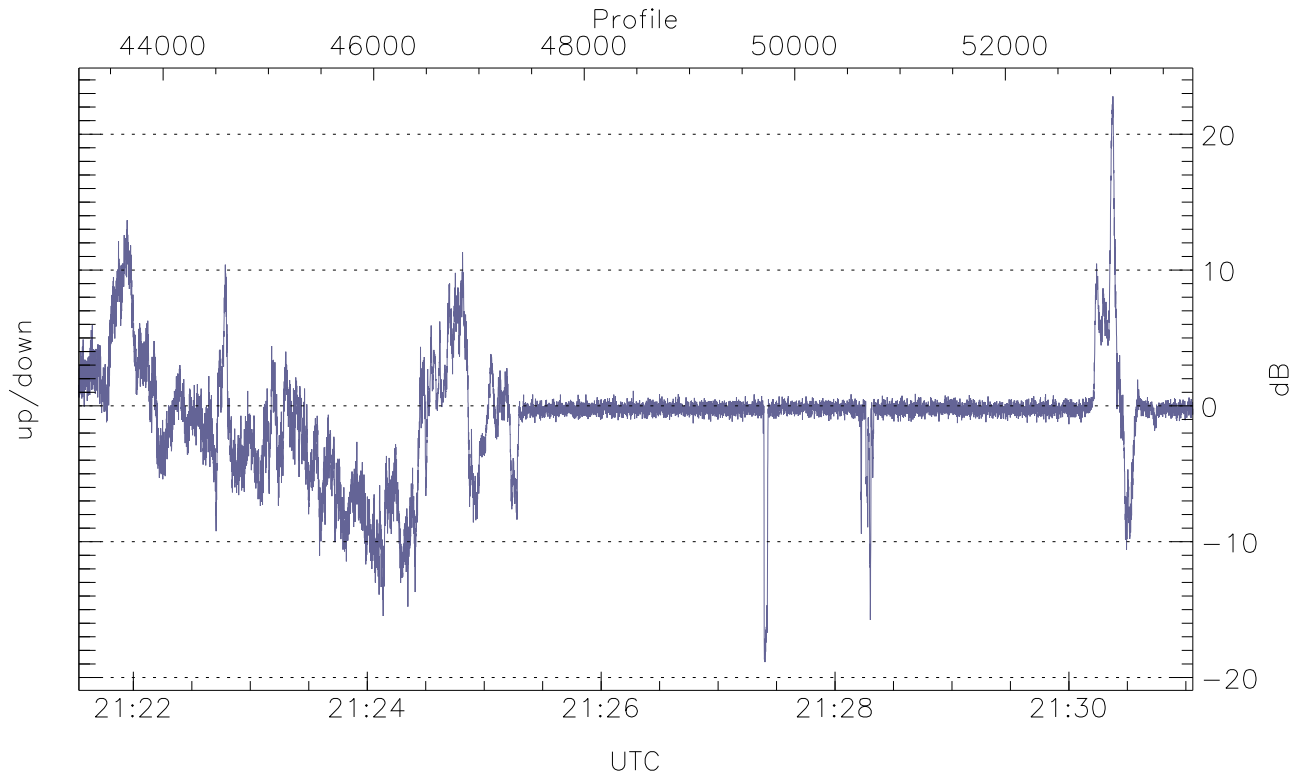


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



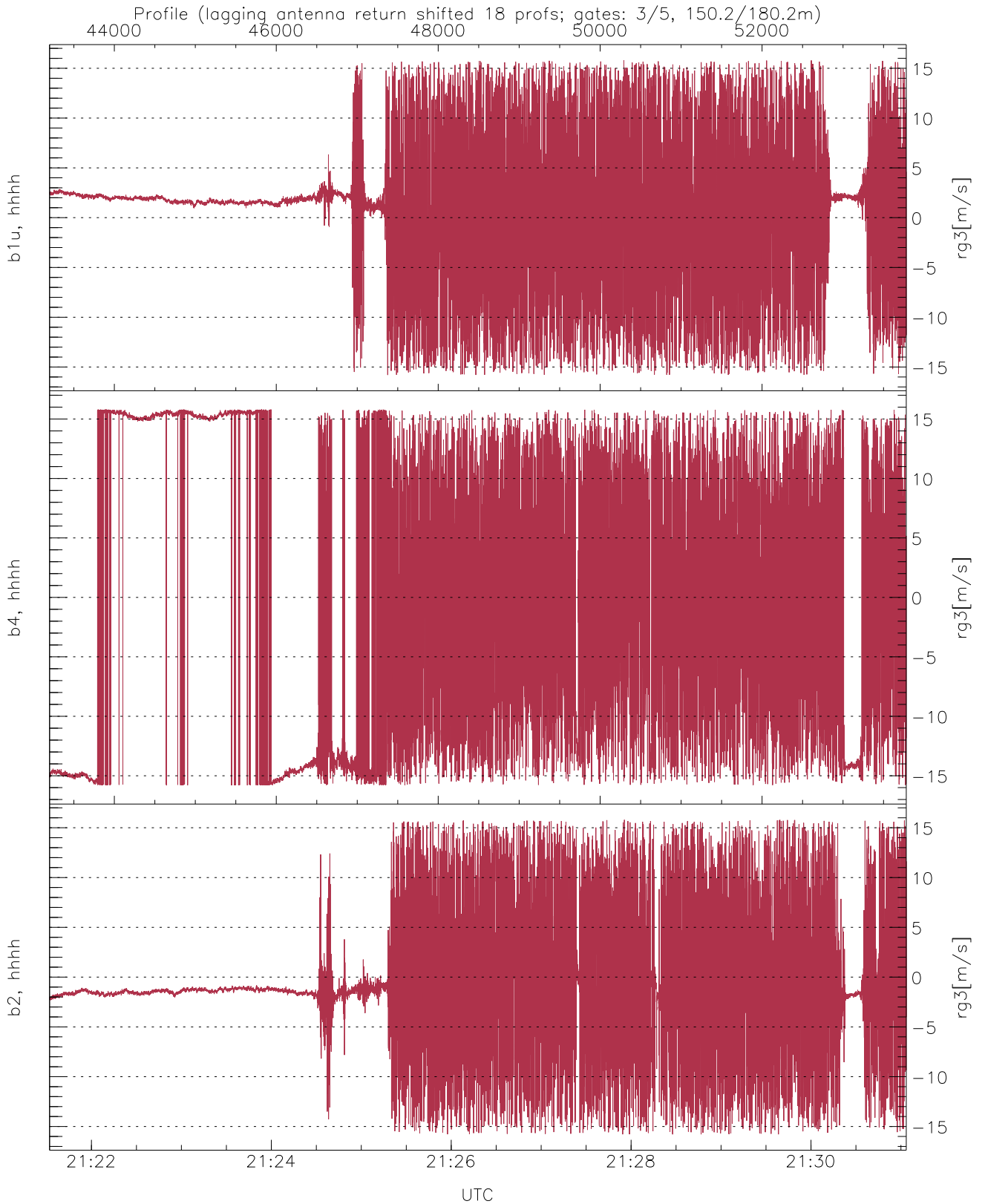
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.48	-9.38	-23.56
down-fore(hh[dBm])	-63.99	-13.17	-27.71
down(hh[dBm])	-64.18	-10.43	-24.53



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

	Min	Max	Mean
up/down (dB)	-18.86	22.79	-0.70
down/down-fore (dB)	-14.30	18.22	1.58



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.80	0.64	6.81
b4, hhhh(rg3[m/s])	-15.80	15.80	-0.34	11.90
b2, hhhh(rg3[m/s])	-15.79	15.80	-0.85	6.72