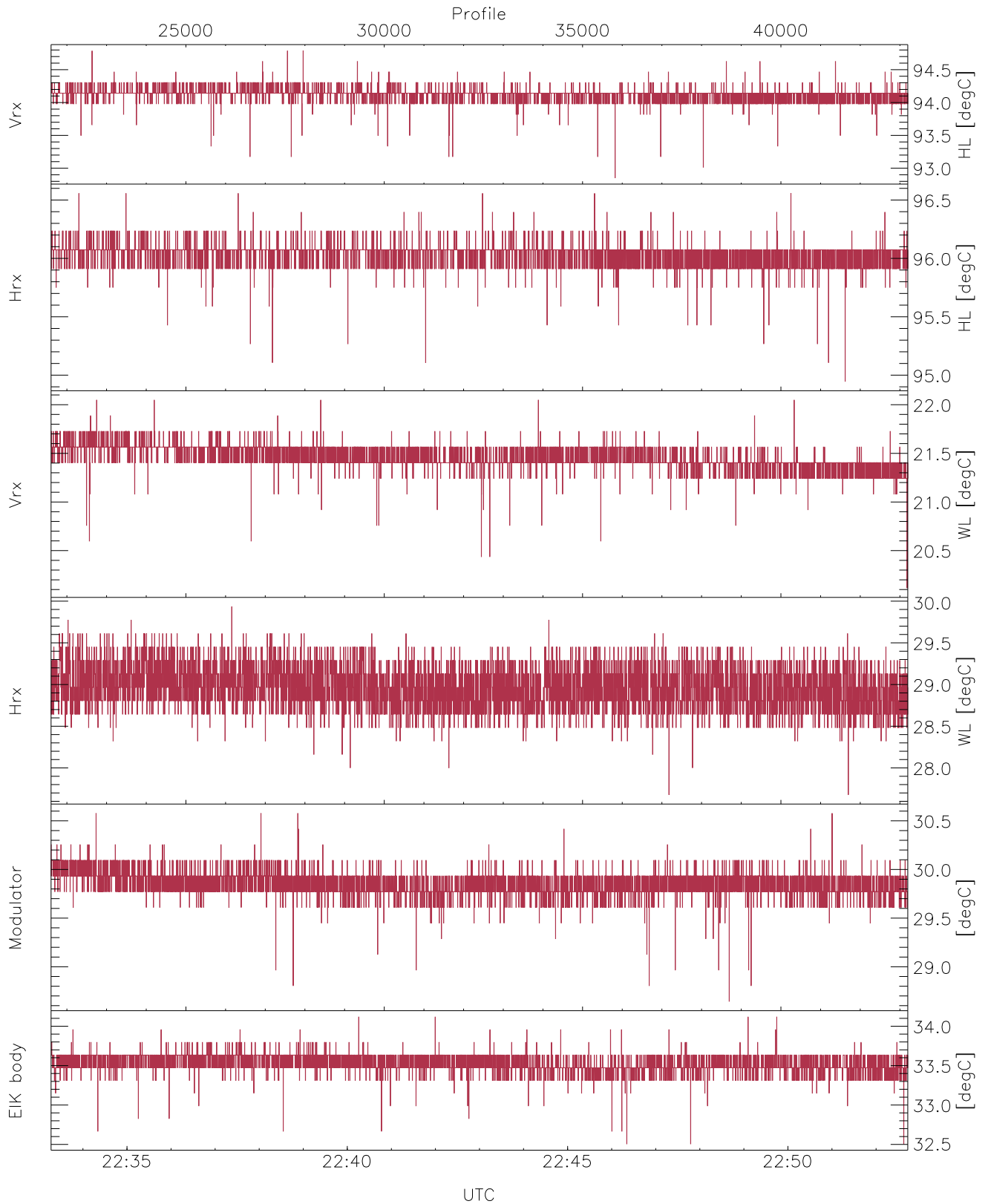


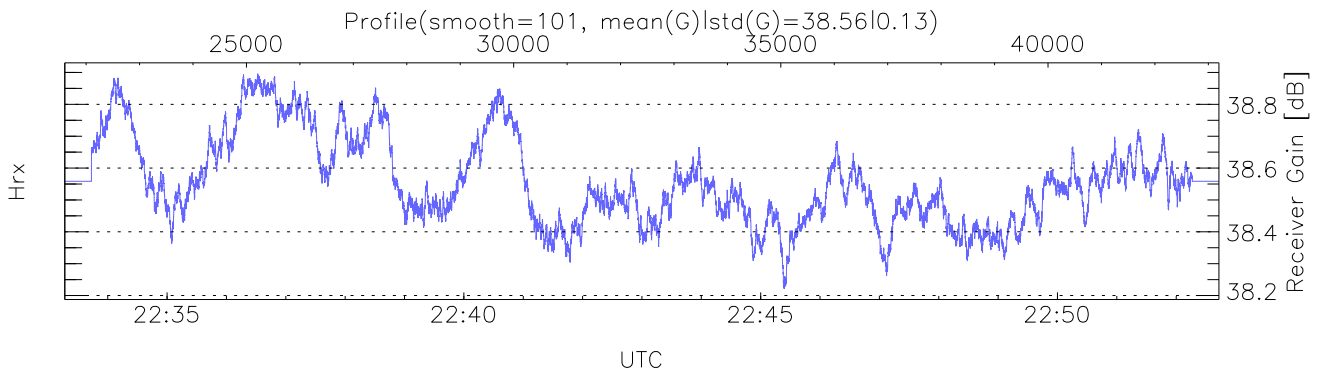
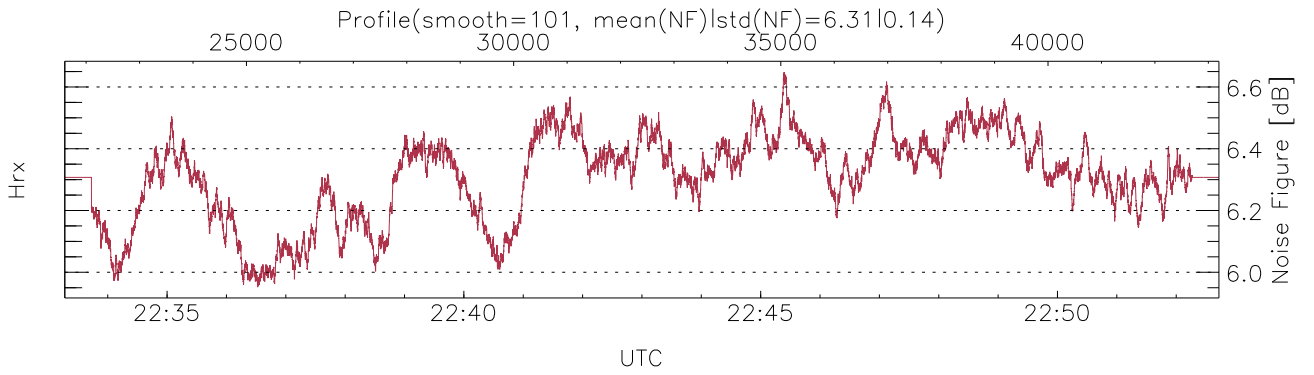
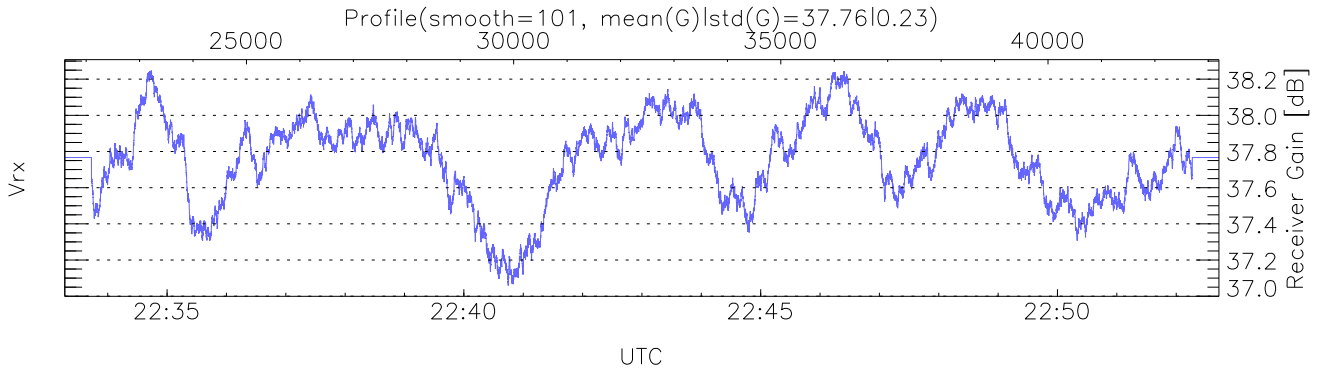
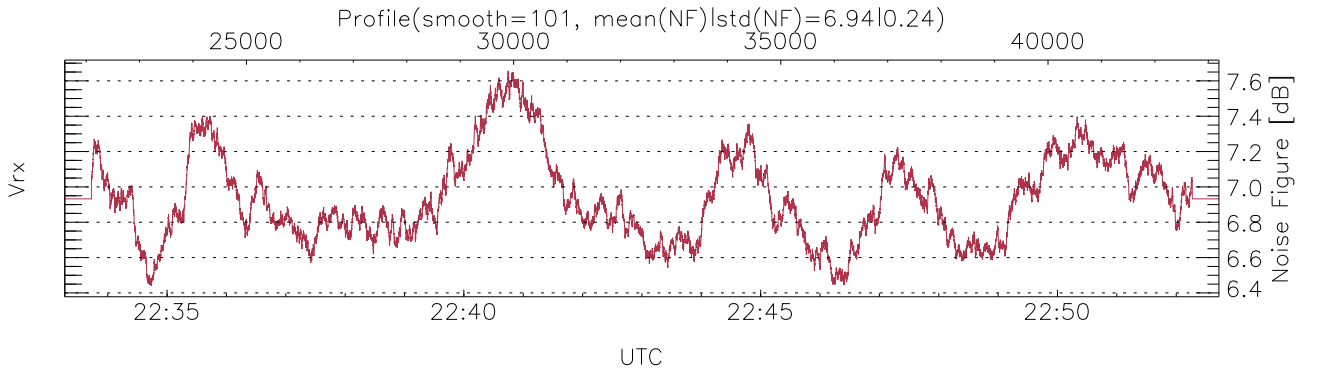
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:13:50-22:59:24, Dur: 2733.68s  
 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): 21600/50612, 21600-43199/22:33:17-22:52:43  
 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,rgs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



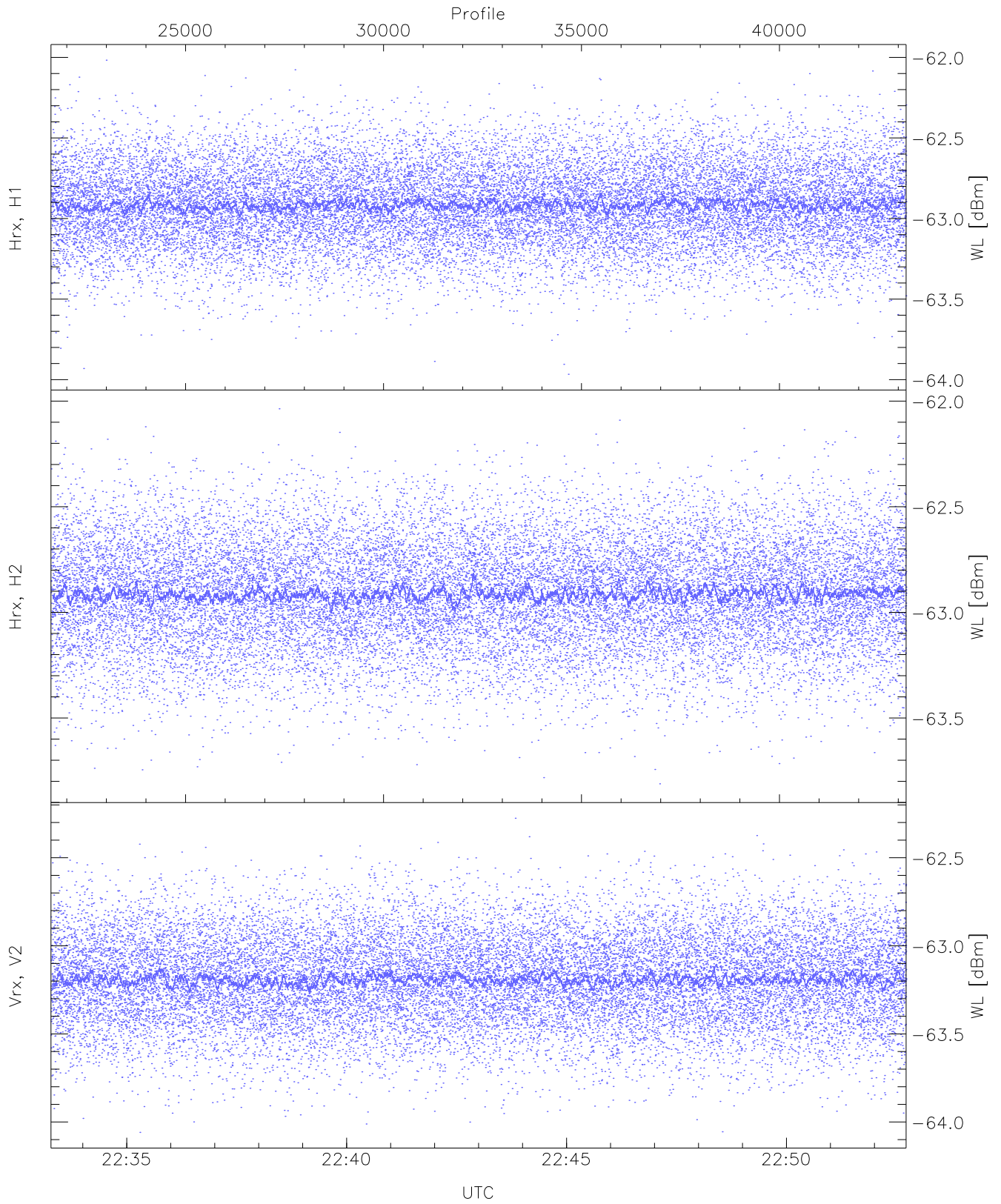
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,20,27,28,32  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,29,30,34  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK Faults(# prof affected):  
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (14,9,19,19,19,5)



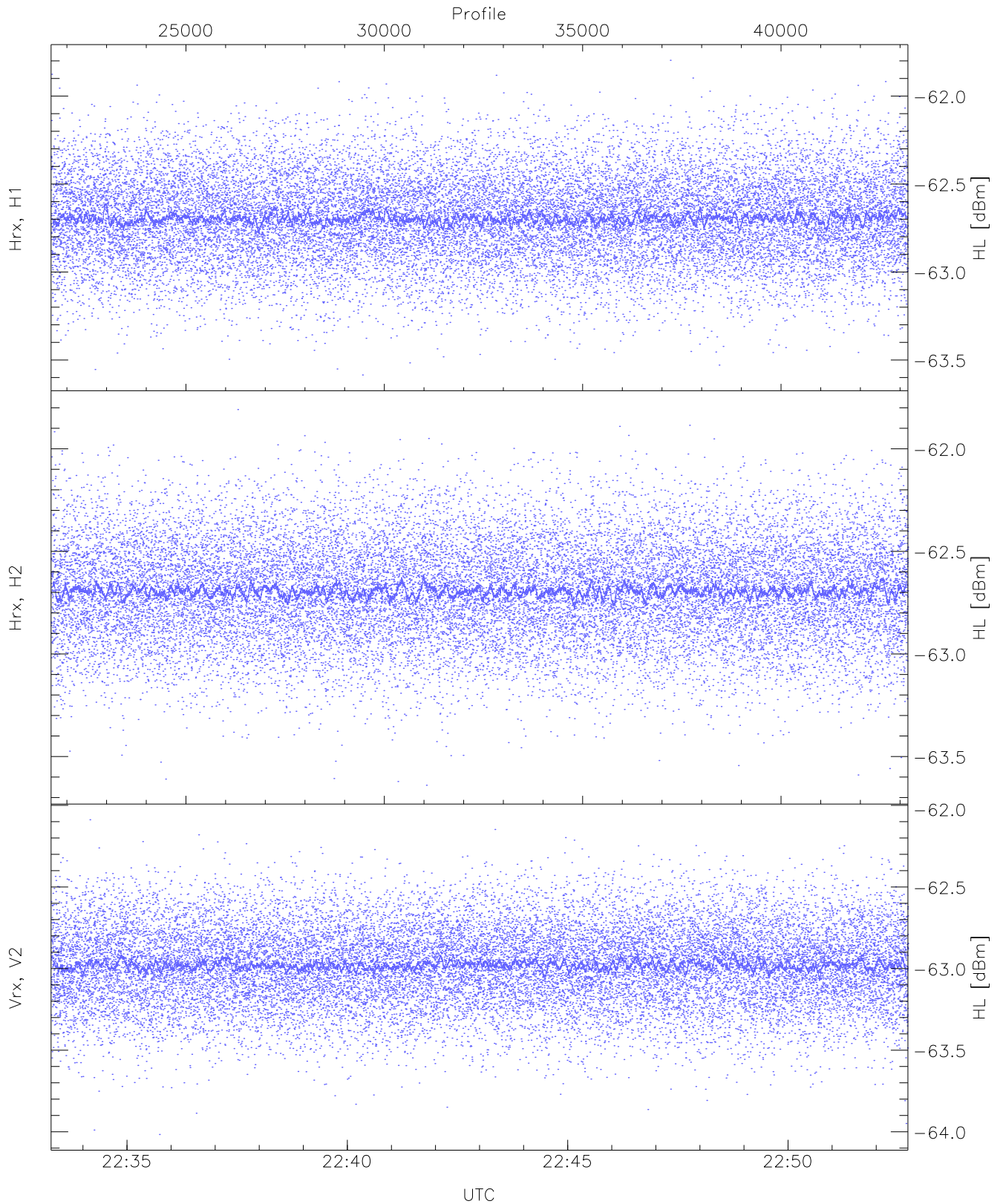
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 154 pixs, 24 gates, 154 profs, 1 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

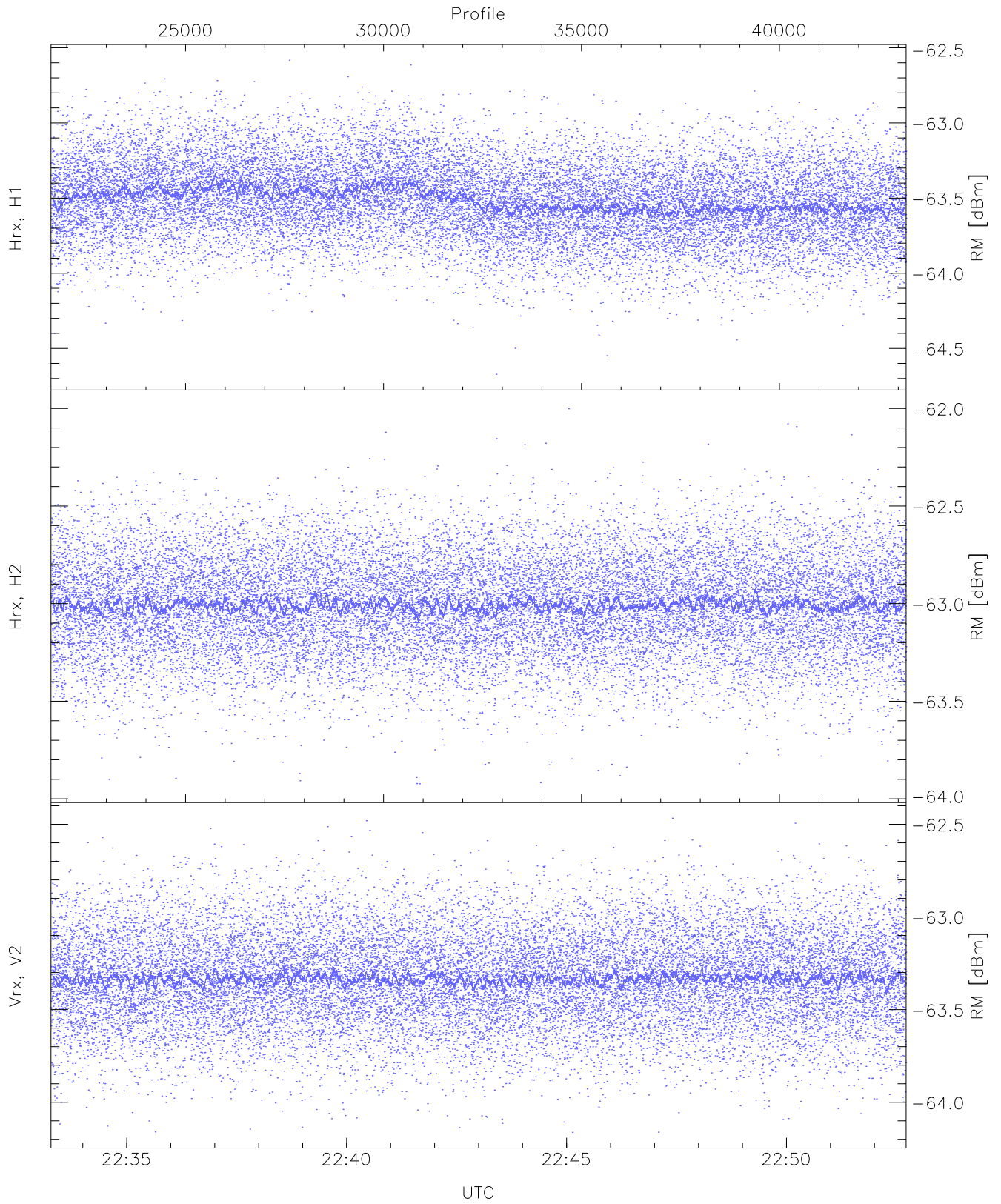
	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.97	-62.02	-62.91	-62.92	-75.62
Hrx, H2(WL [dBm])	-63.81	-62.04	-62.91	-62.91	-75.64
Vrx, V2(WL [dBm])	-64.06	-62.28	-63.19	-63.19	-75.86



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

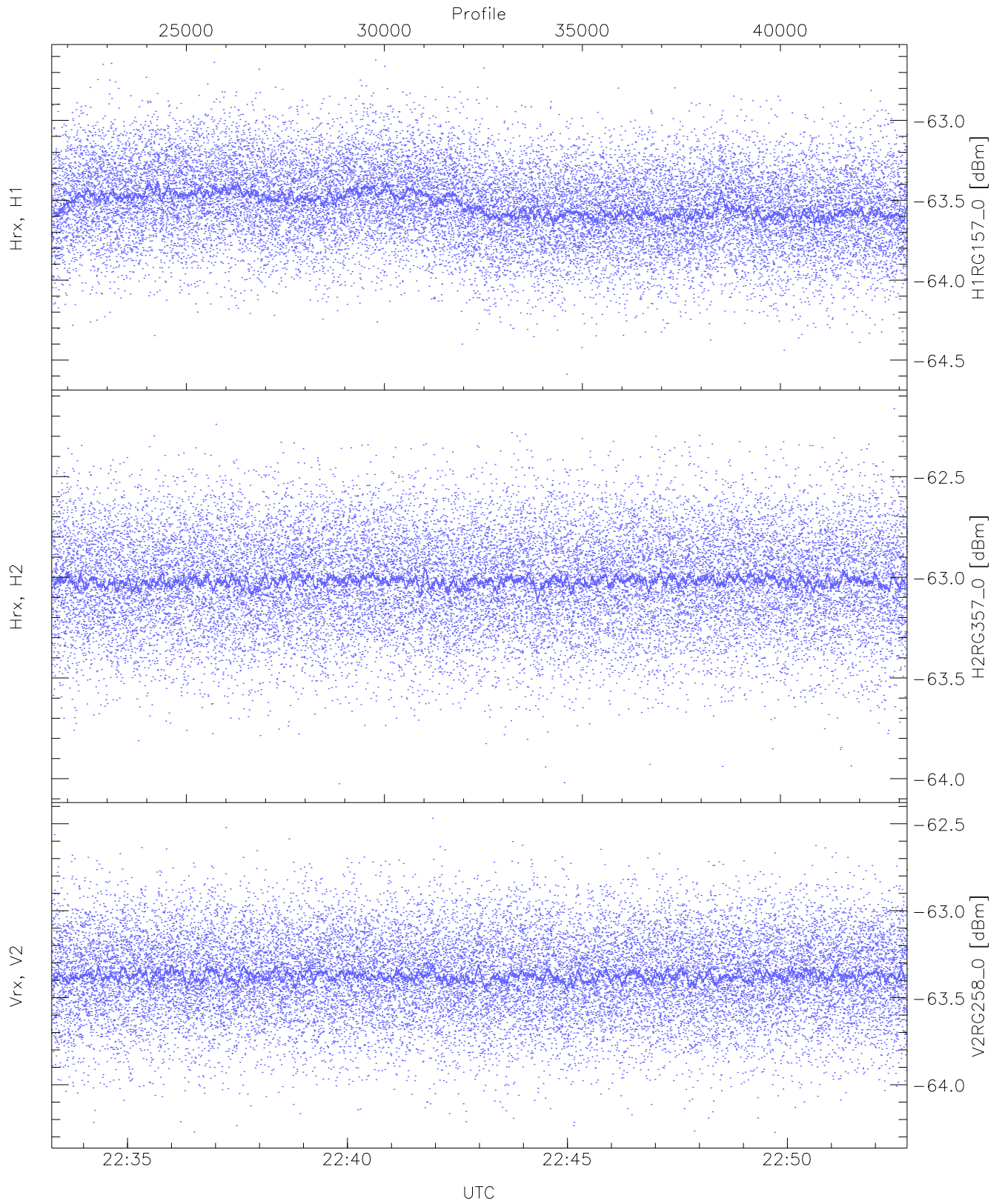
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.59	-61.80	-62.69	-62.70	-75.40
Hrx, H2 (HL [dBm])	-63.64	-61.81	-62.69	-62.70	-75.41
Vrx, V2 (HL [dBm])	-64.02	-62.09	-62.98	-62.98	-75.69





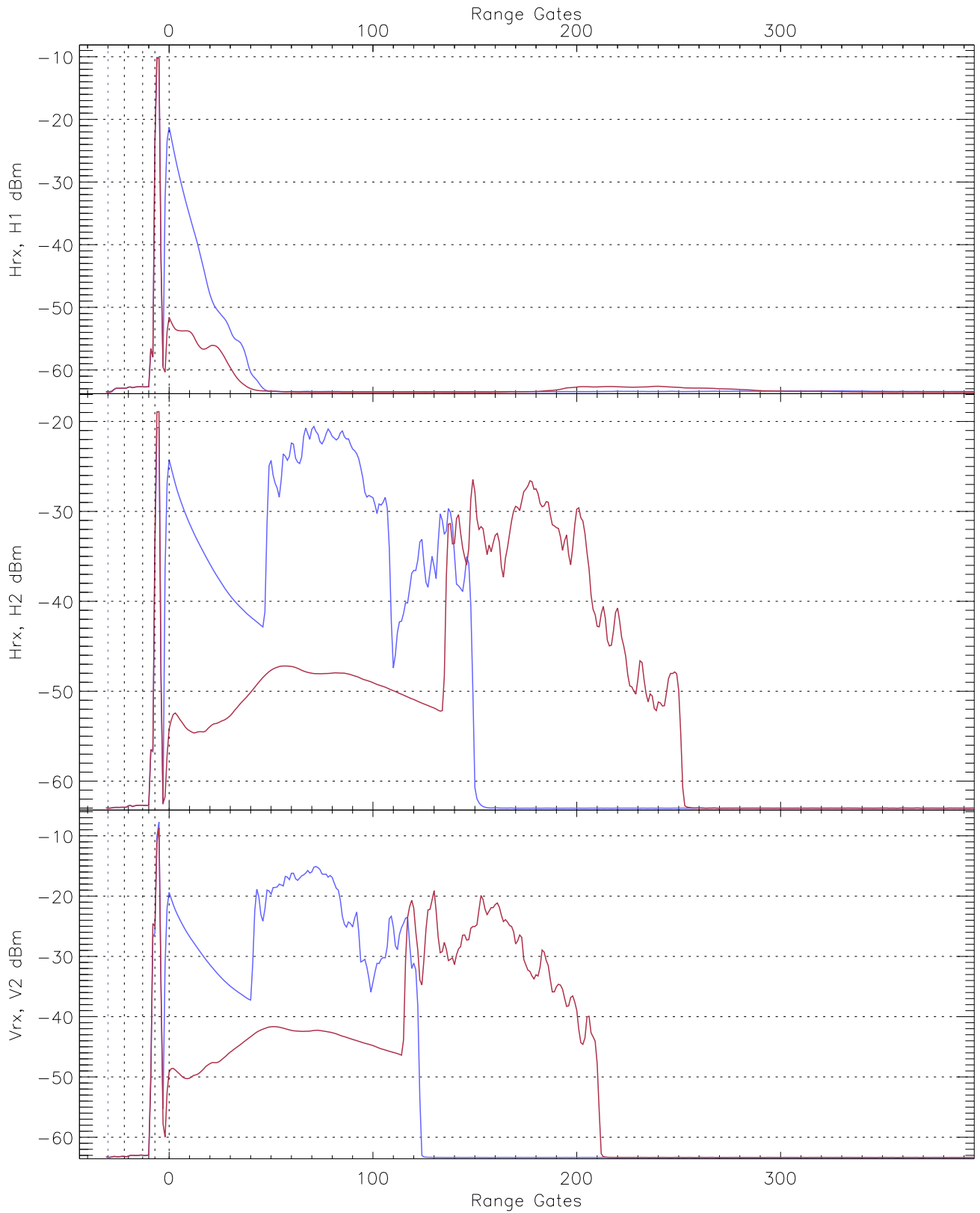
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.67	-62.58	-63.51	-63.51	-76.06
Hrx, H2 (RM [dBm])	-63.92	-62.00	-63.00	-63.01	-75.75
Vrx, V2 (RM [dBm])	-64.16	-62.47	-63.33	-63.34	-76.05



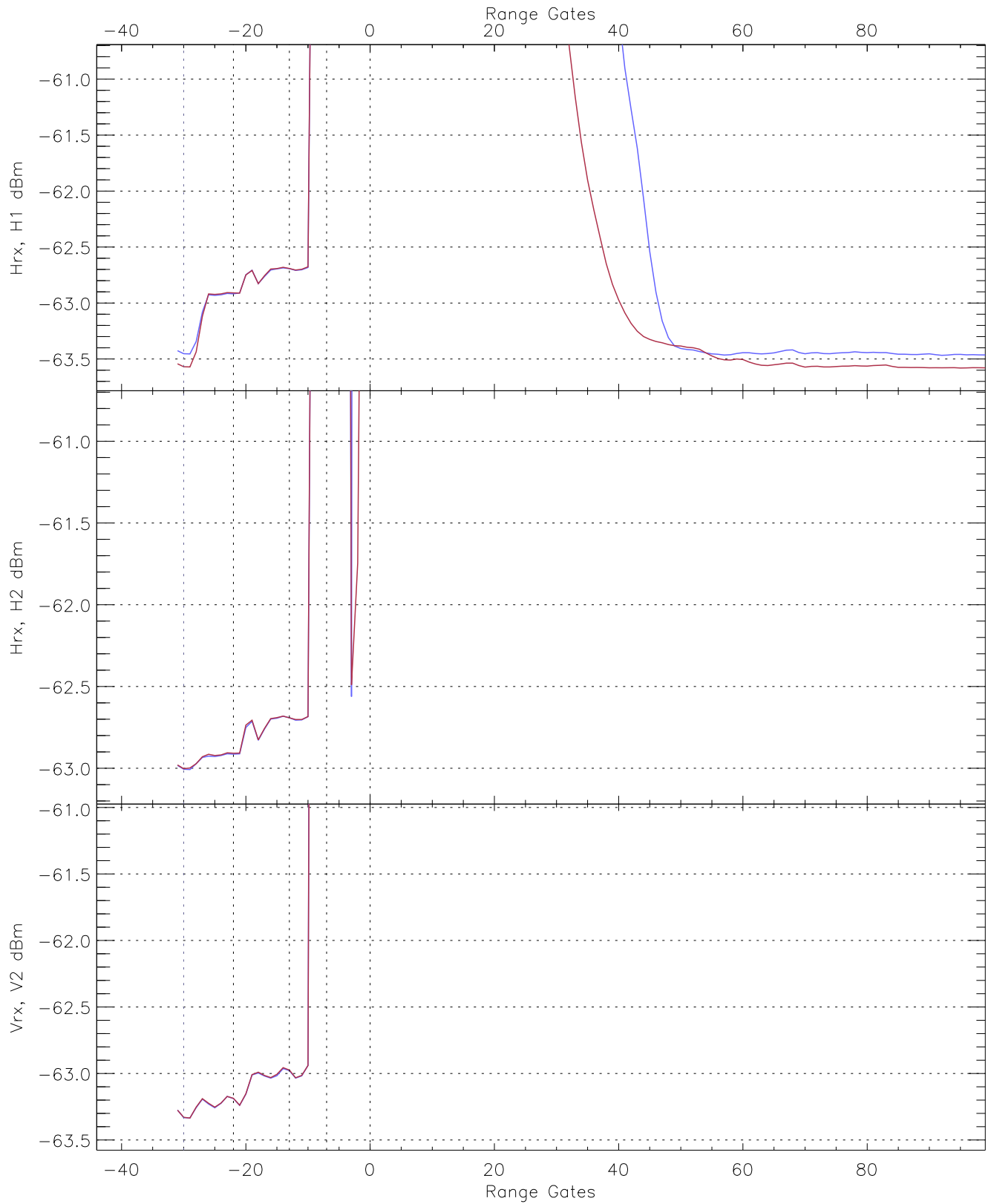
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG157_0 [dBm]	-64.59	-62.62	-63.53	-63.53	-76.04
H2RG357_0 [dBm]	-64.03	-62.16	-63.02	-63.02	-75.73
V2RG258_0 [dBm]	-64.27	-62.47	-63.37	-63.38	-76.08

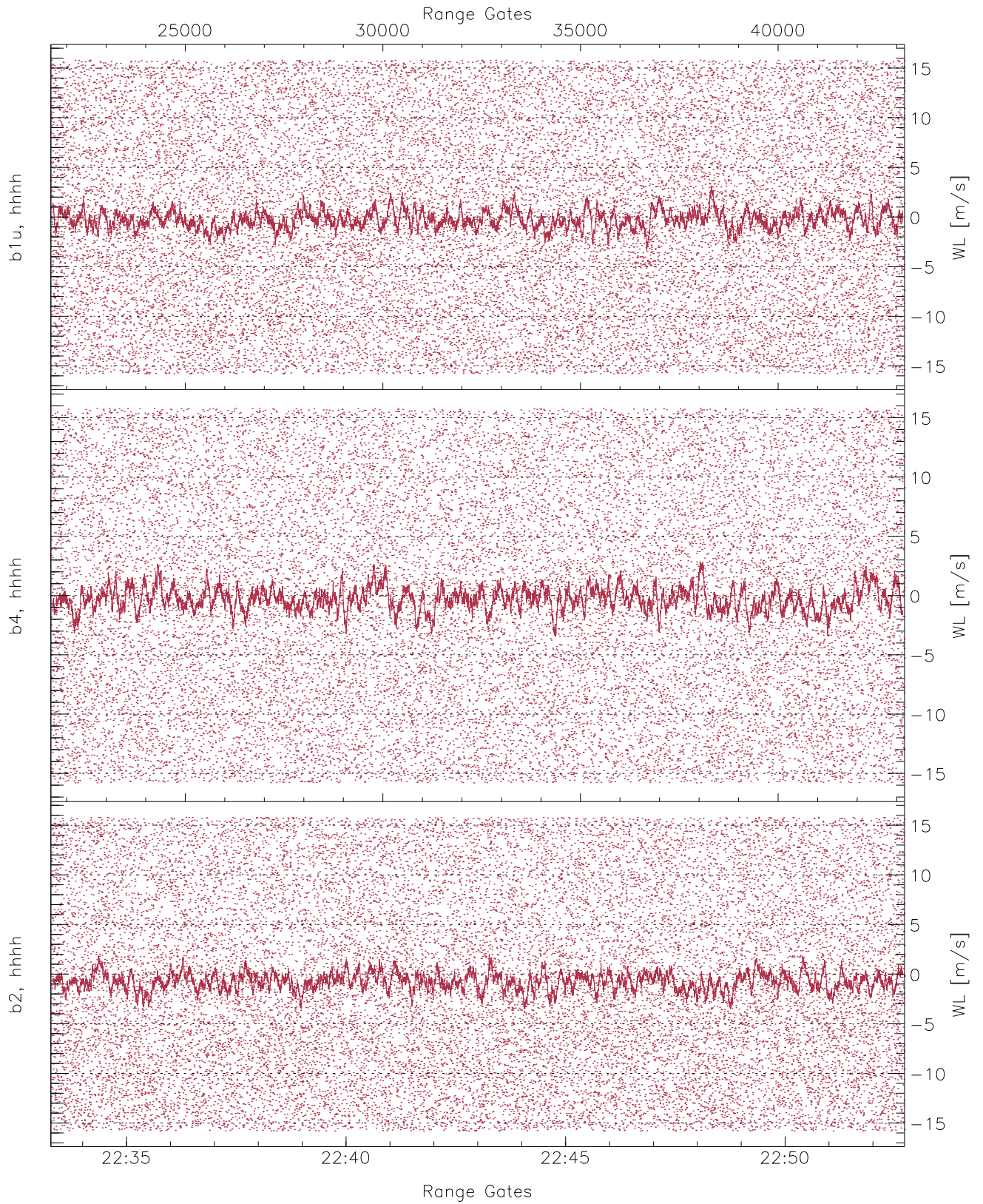


WCR2 CPP Averaged Received power for all recorded gates  
blue: 223317-224300, 10801 profiles averaged  
red: 224300-225243, 10800 profiles averaged

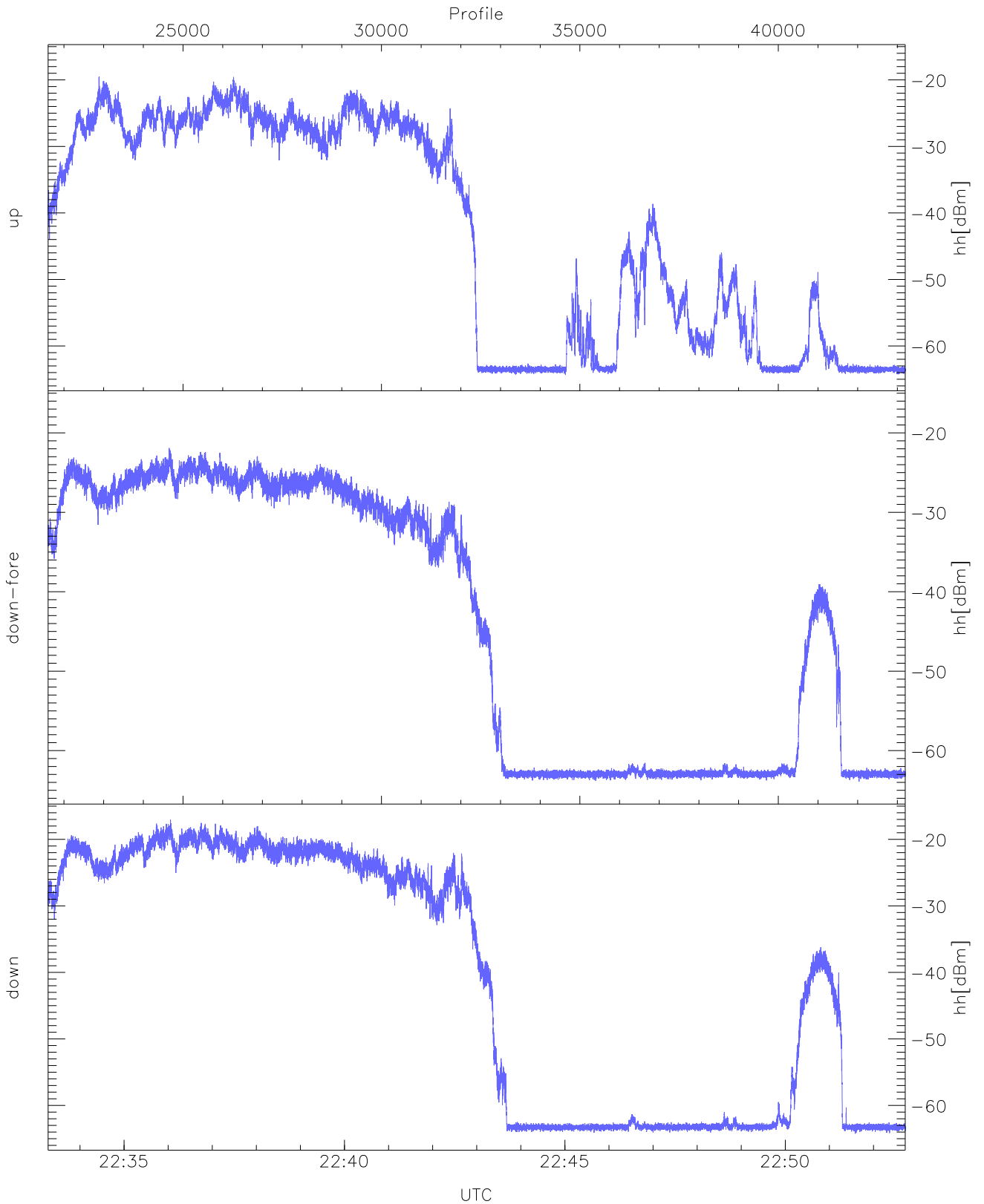




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 223317-224300, 10801 profiles averaged  
red: 224300-225243, 10800 profiles averaged

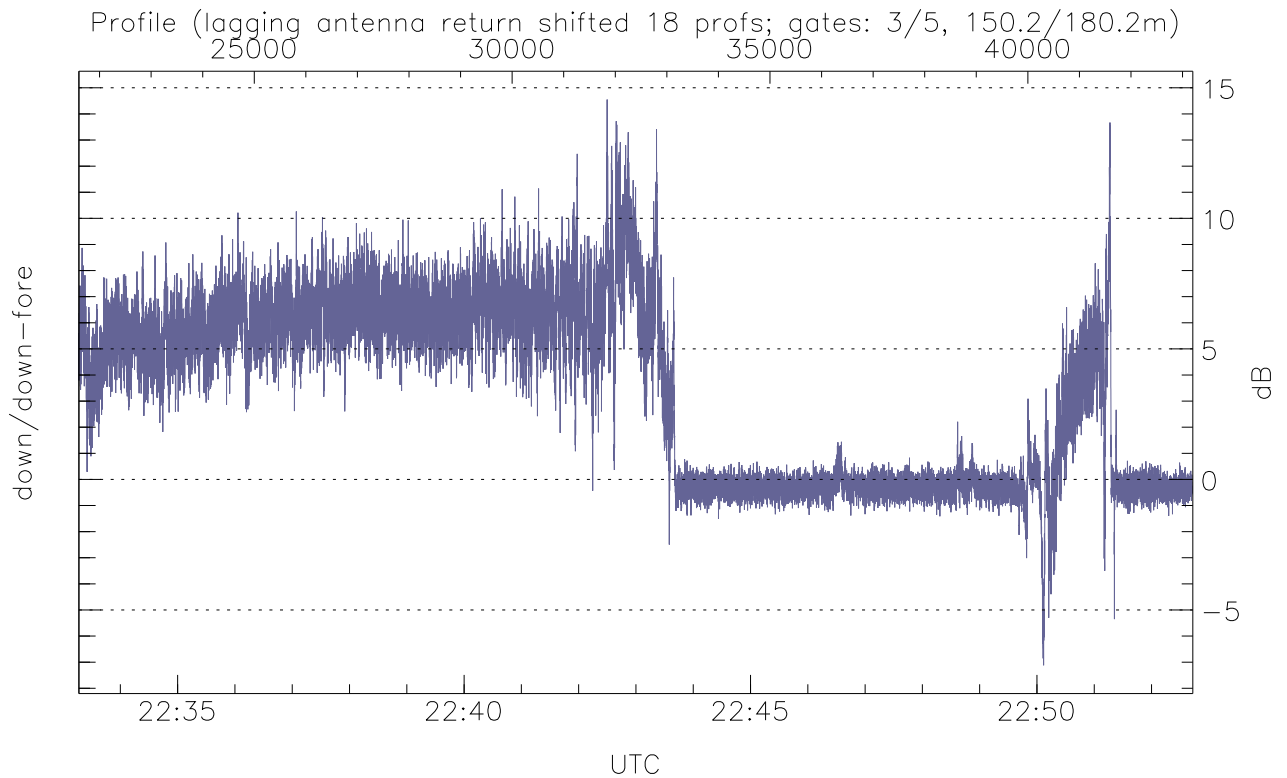
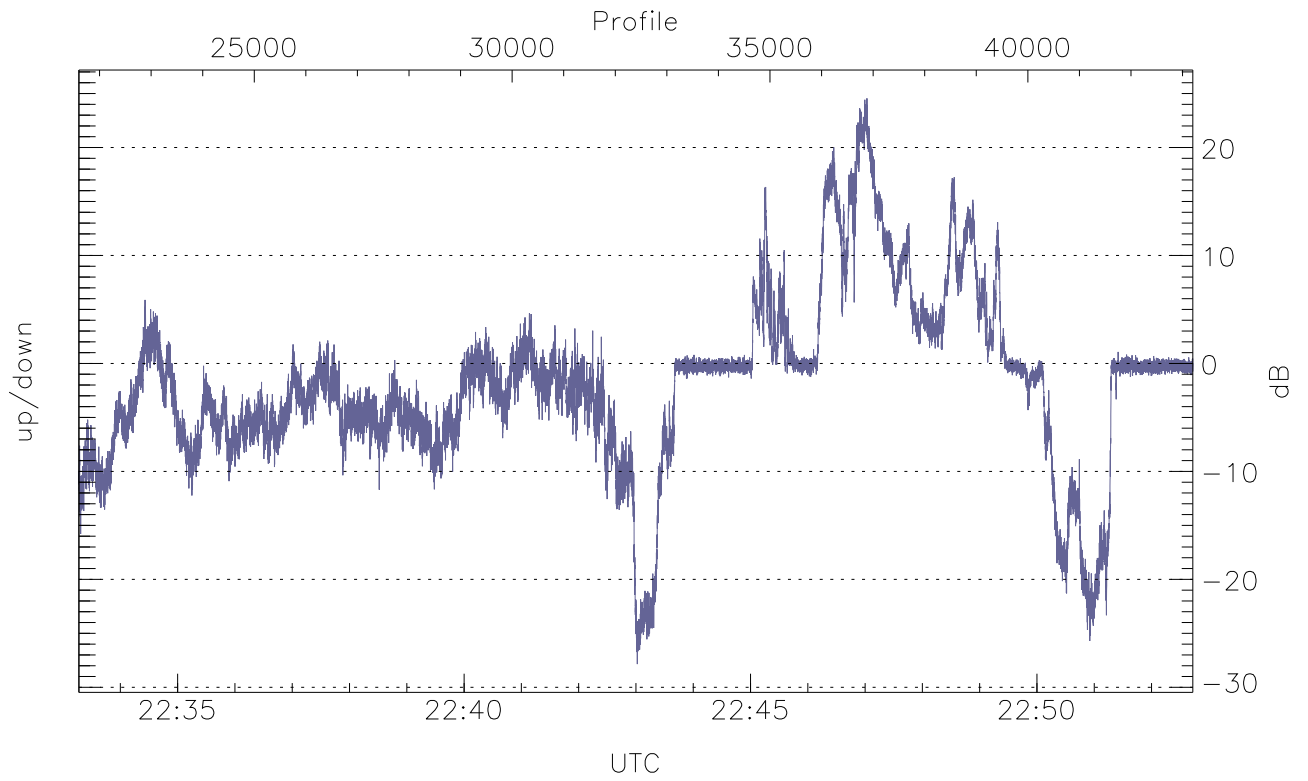


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



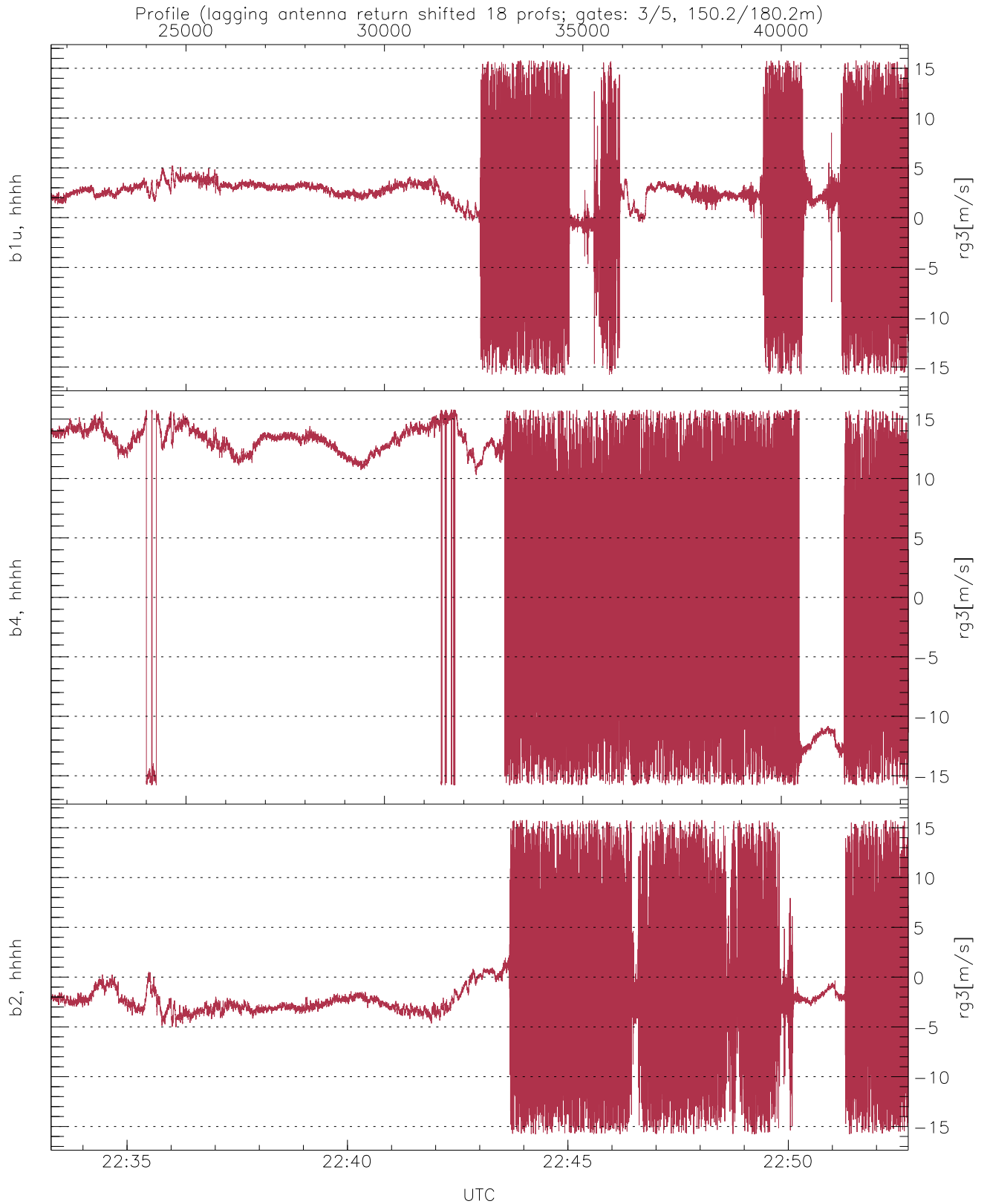
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.36	-19.49	-29.09
down-fore(hh[dBm])	-63.91	-21.91	-29.90
down(hh[dBm])	-64.24	-17.06	-25.26



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

	Min	Max	Mean
up/down (dB)	-27.85	24.56	-1.92
down/down-fore (dB)	-7.12	14.55	3.39



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.79	1.86	4.66
b4, hhhh(rg3[m/s])	-15.80	15.80	5.71	10.45
b2, hhhh(rg3[m/s])	-15.78	15.80	-1.77	5.44