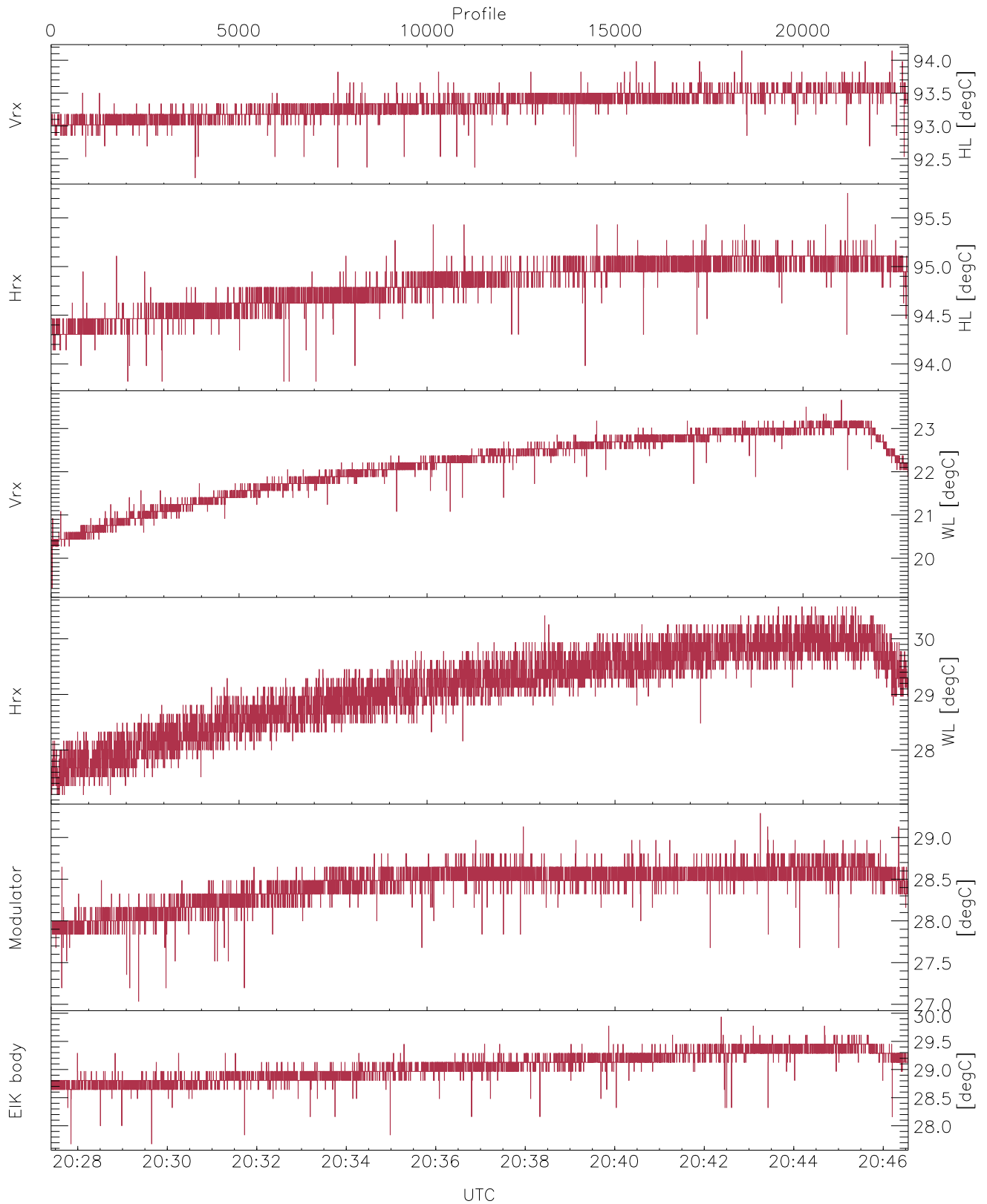


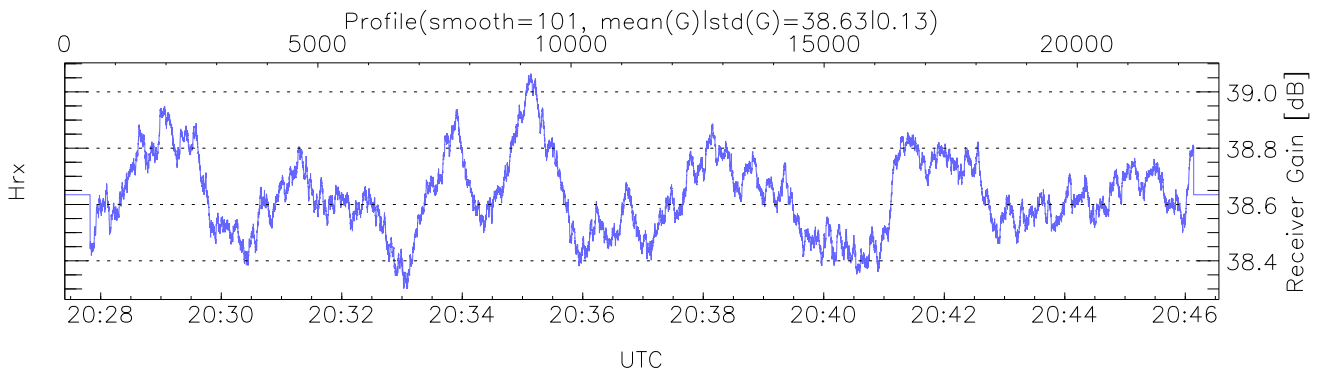
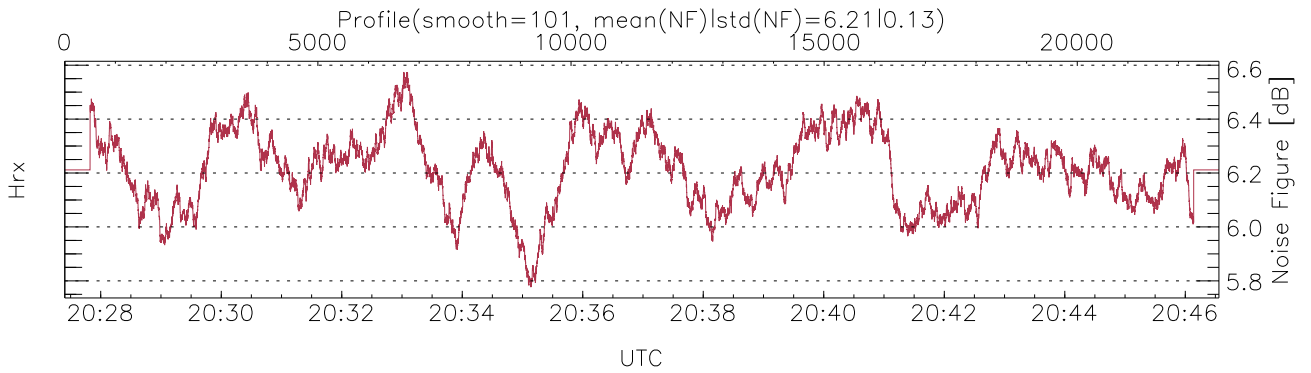
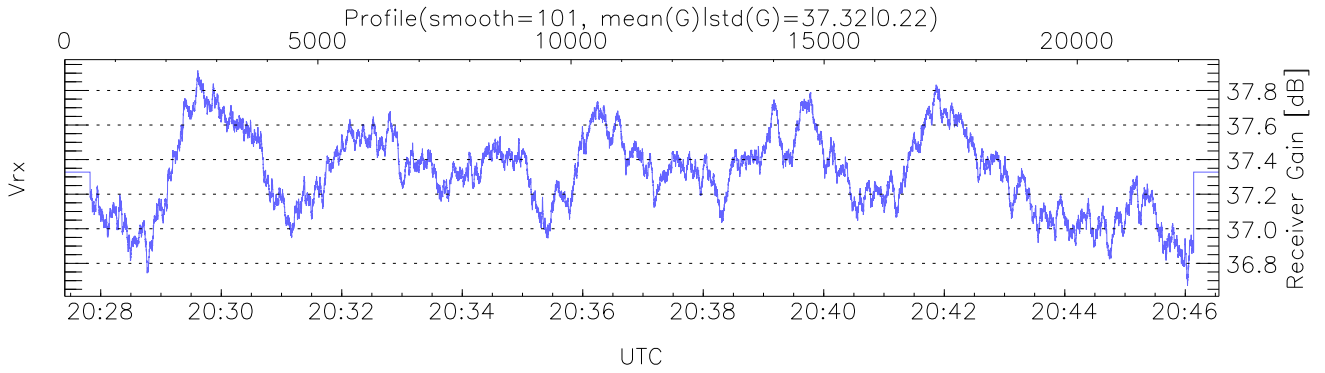
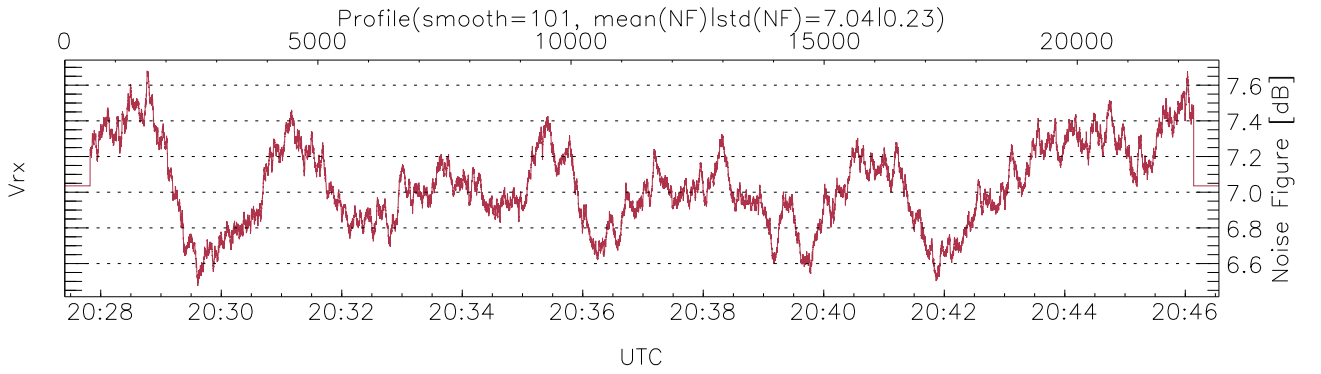
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:27:24-21:01:20, Dur: 2035.36s  
 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): 22800/40375, 0-22799/20:27:24-20:46:34  
 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



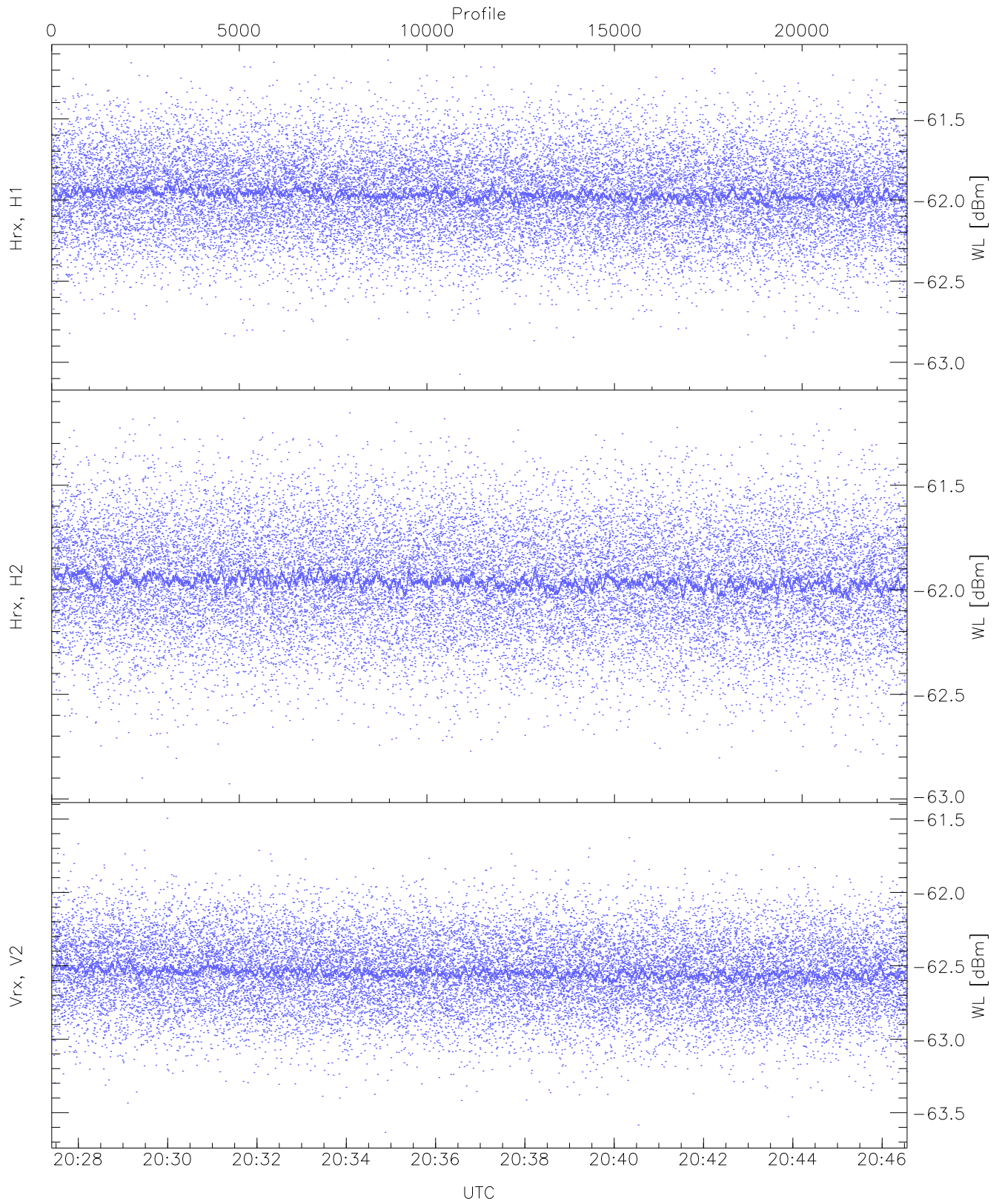
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,19,27,27,27`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,23,30,29,29`  
`LOalarm(20,80,240,2.8,14.8 MHz): 10,0,0,0,0`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,5)`



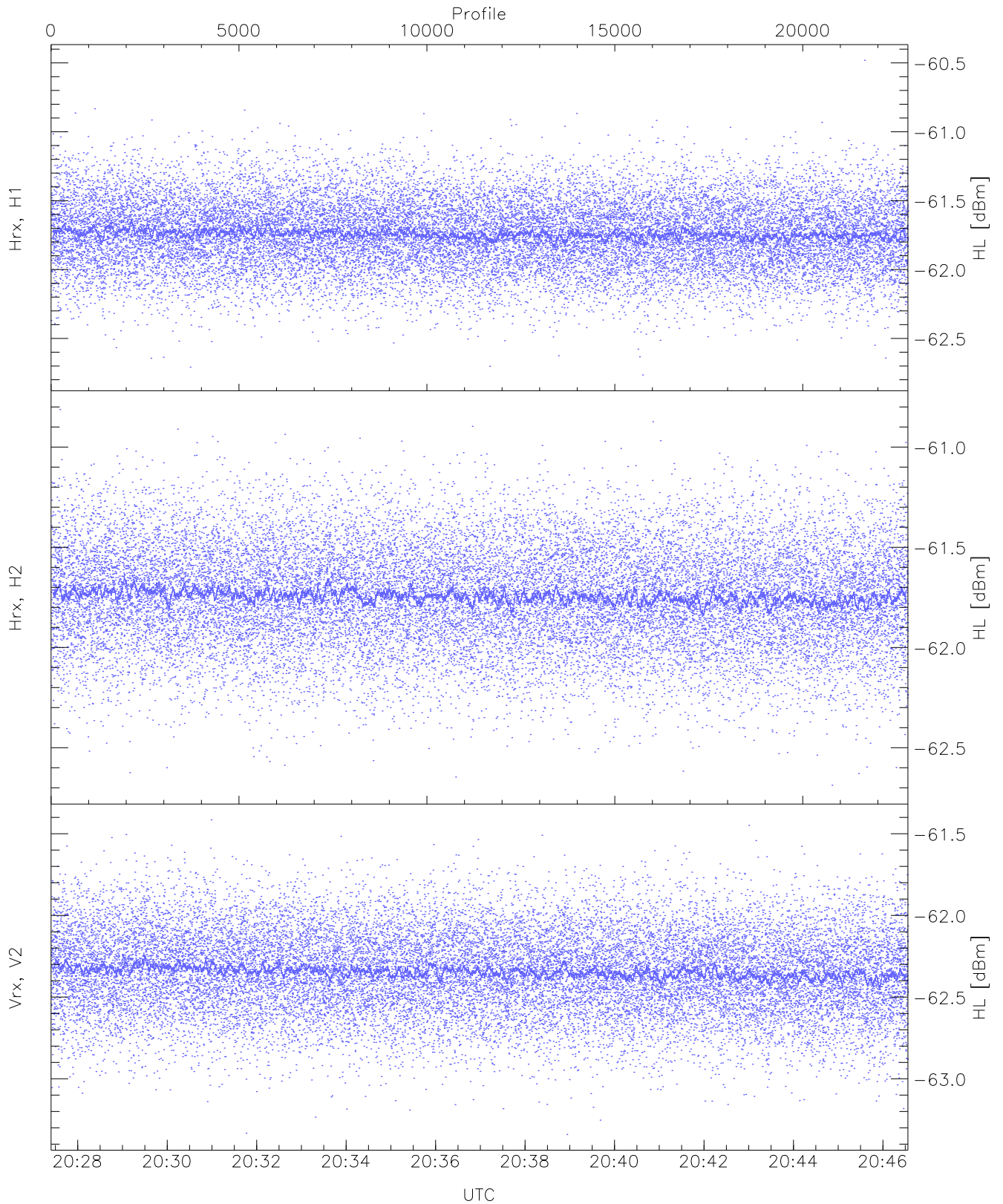
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1627 pixs, 9 gates, 1627 profs, 1 prods



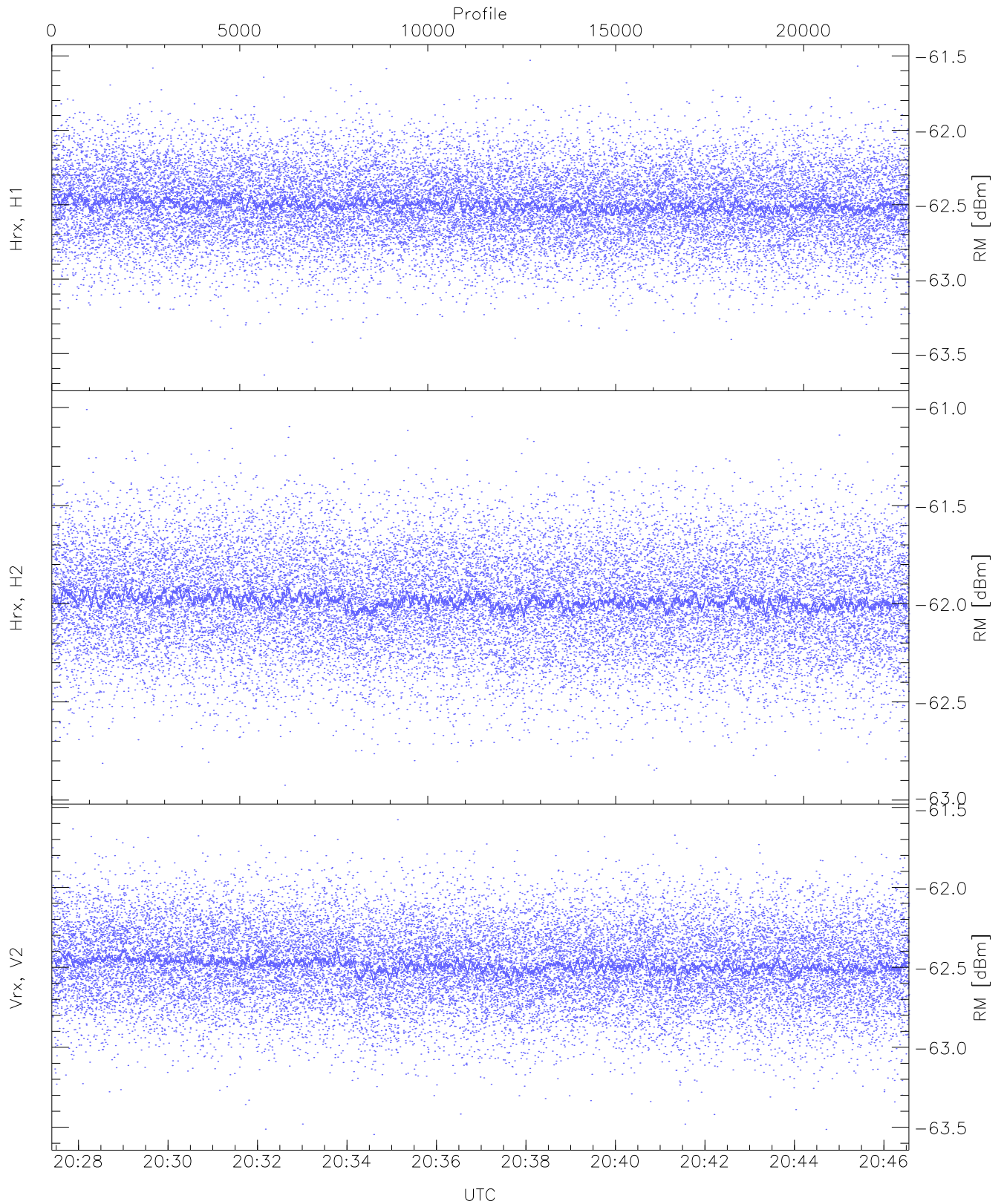
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.07	-61.14	-61.96	-61.97	-74.52
Hrx, H2 (WL [dBm])	-62.93	-61.13	-61.96	-61.96	-74.54
Vrx, V2 (WL [dBm])	-63.63	-61.50	-62.54	-62.55	-75.12



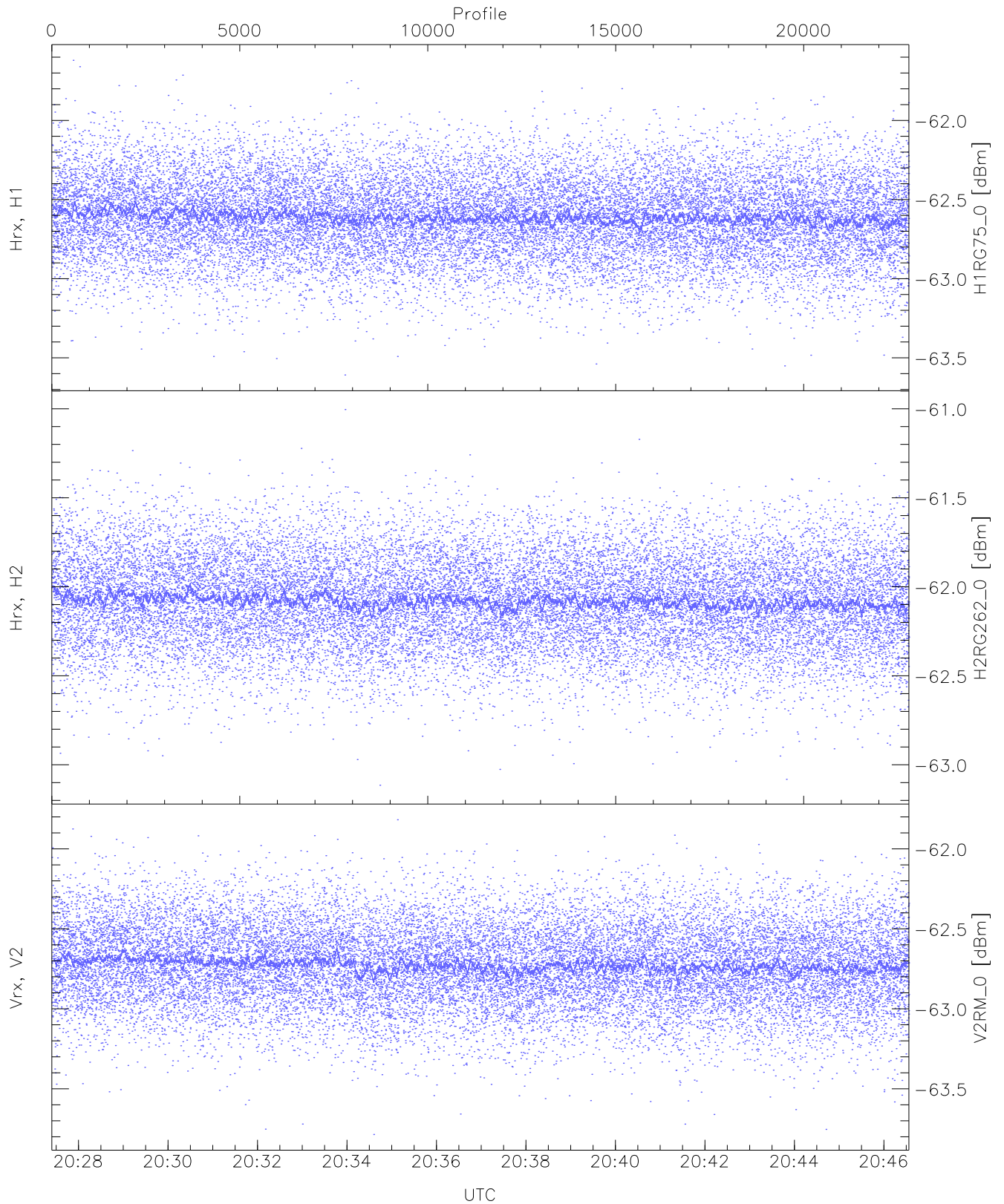
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.77	-60.48	-61.74	-61.75	-74.29
Hrx, H2 (HL [dBm])	-62.69	-60.81	-61.74	-61.75	-74.30
Vrx, V2 (HL [dBm])	-63.34	-61.41	-62.34	-62.35	-74.86



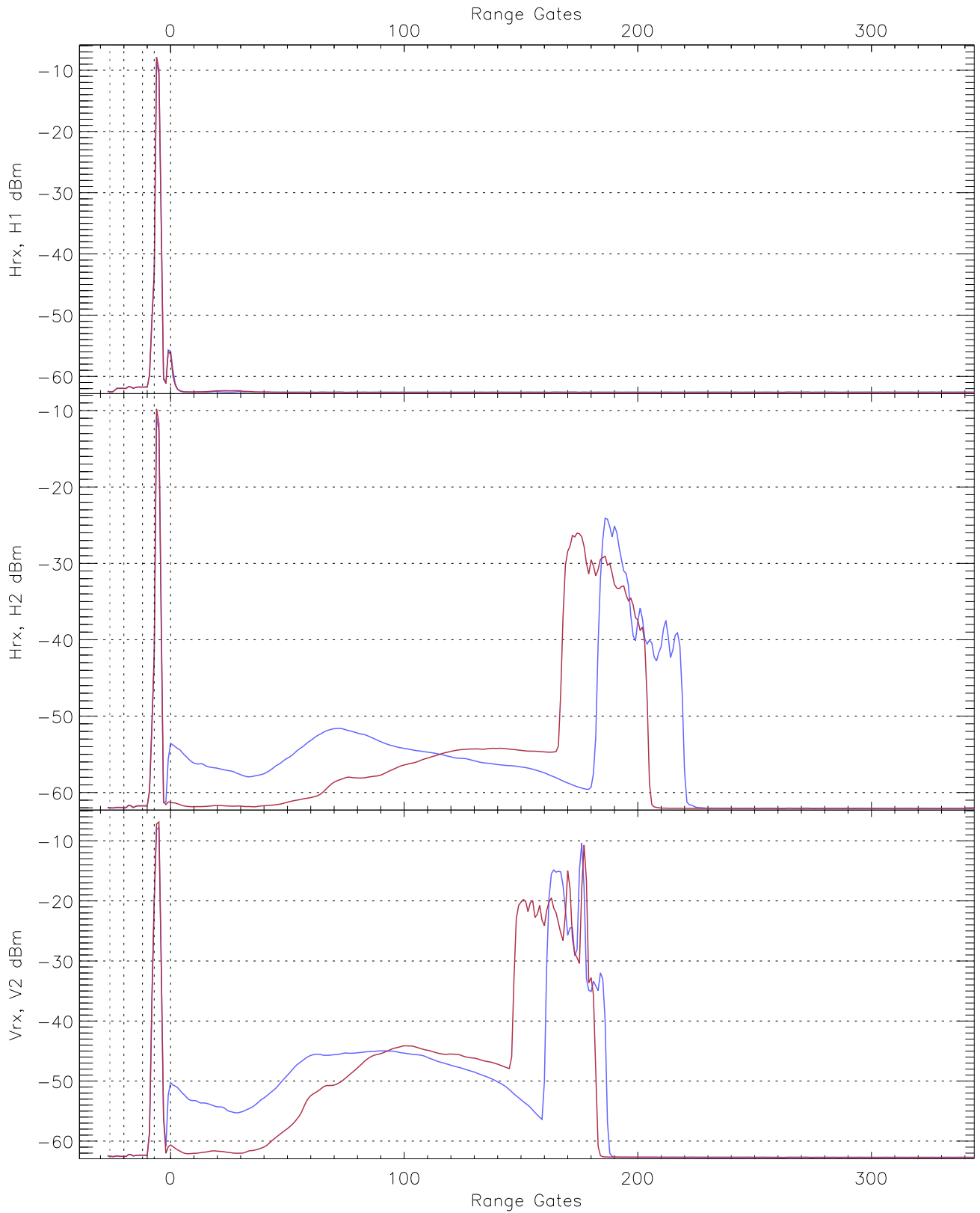
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.64	-61.53	-62.50	-62.50	-75.09
Hrx, H2 (RM [dBm])	-62.92	-61.01	-61.98	-61.99	-74.53
Vrx, V2 (RM [dBm])	-63.54	-61.58	-62.48	-62.49	-75.07



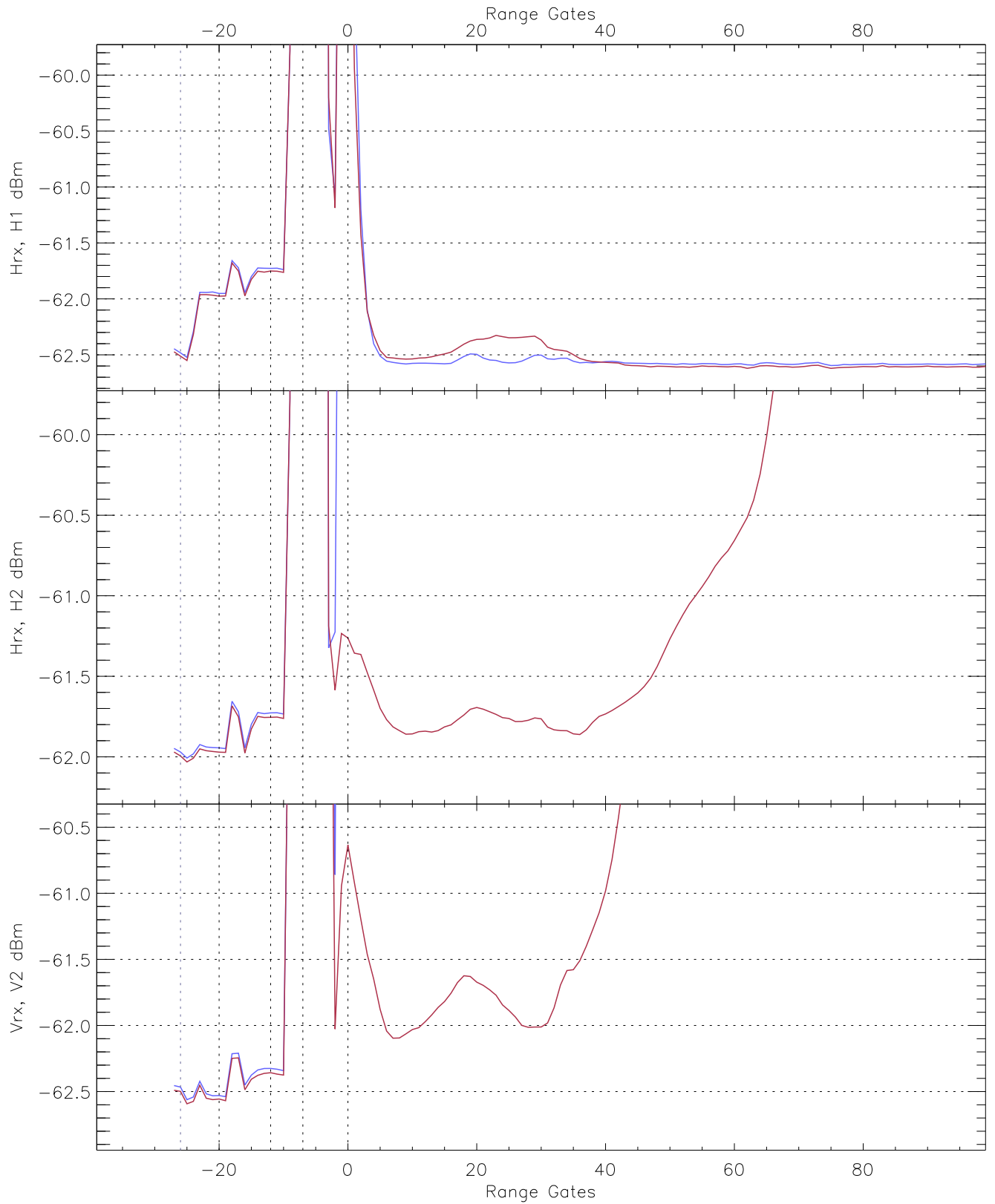
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.61	-61.62	-62.61	-62.61	-75.19
H2RG262_0 [dBm]	-63.11	-61.00	-62.08	-62.08	-74.66
V2RM_0 [dBm]	-63.79	-61.82	-62.72	-62.73	-75.31

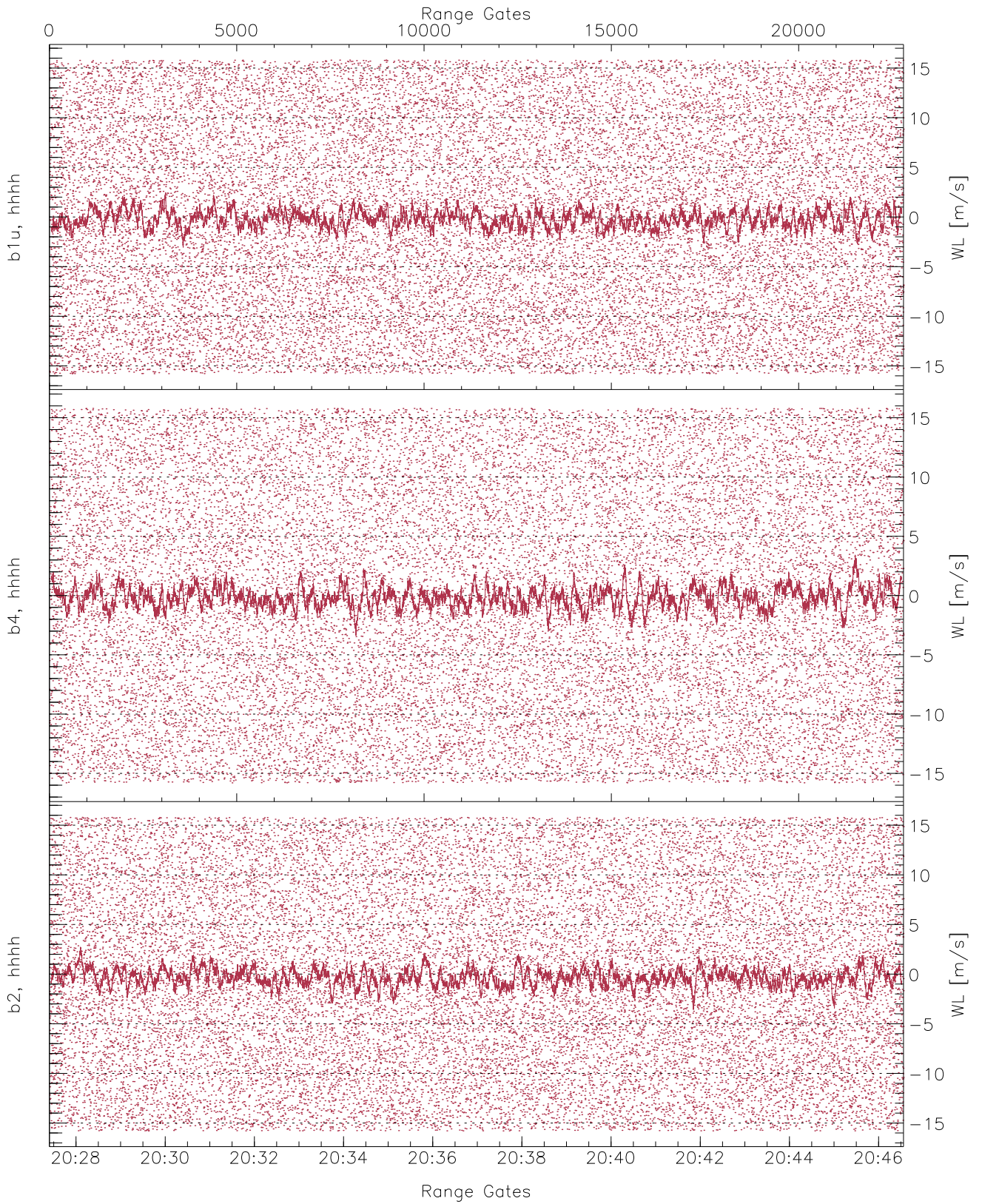


WCR2 CPP Averaged Received power for all recorded gates  
blue: 202724-203659, 11401 profiles averaged  
red: 203659-204634, 11400 profiles averaged

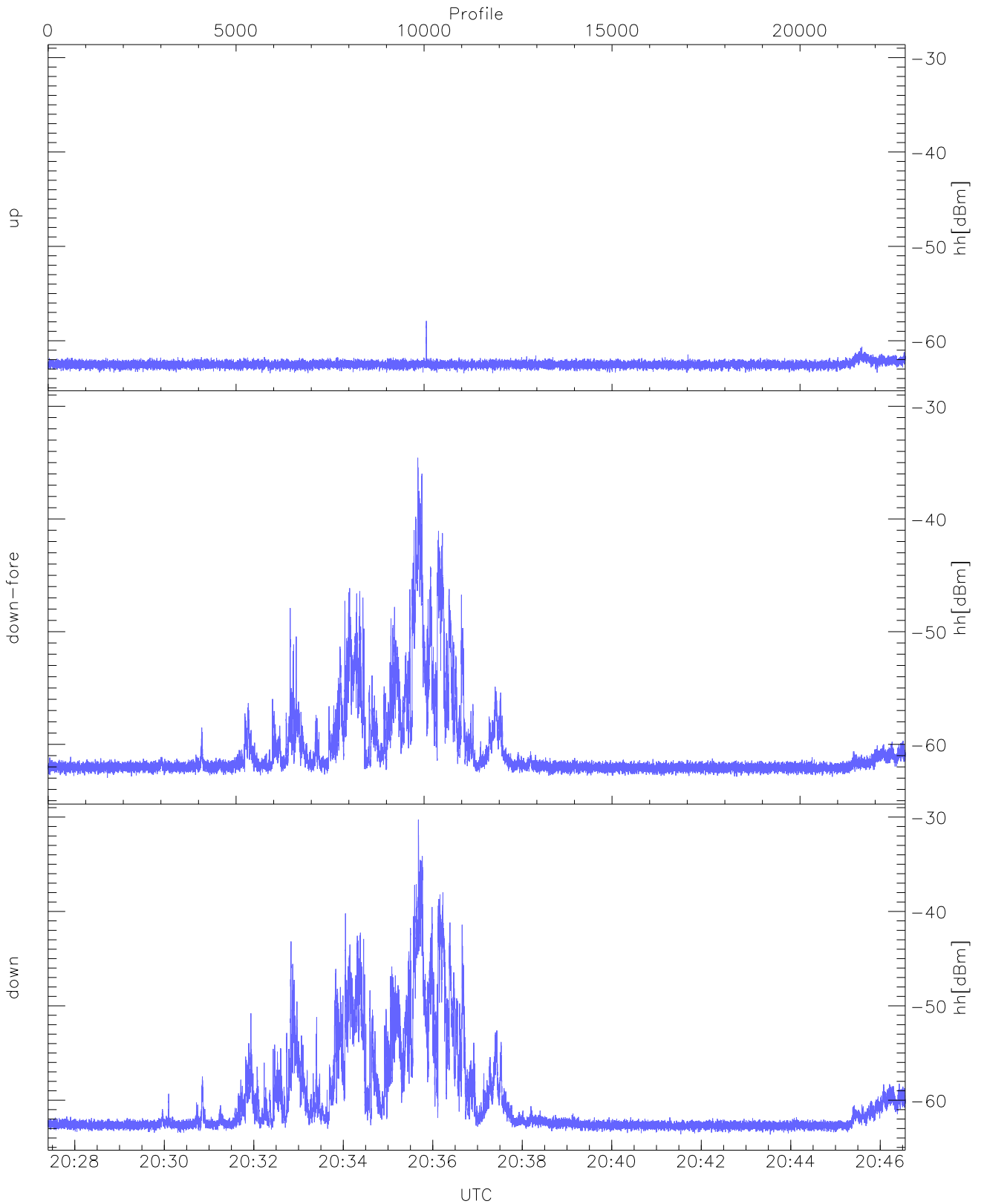




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 202724-203659, 11401 profiles averaged  
red: 203659-204634, 11400 profiles averaged

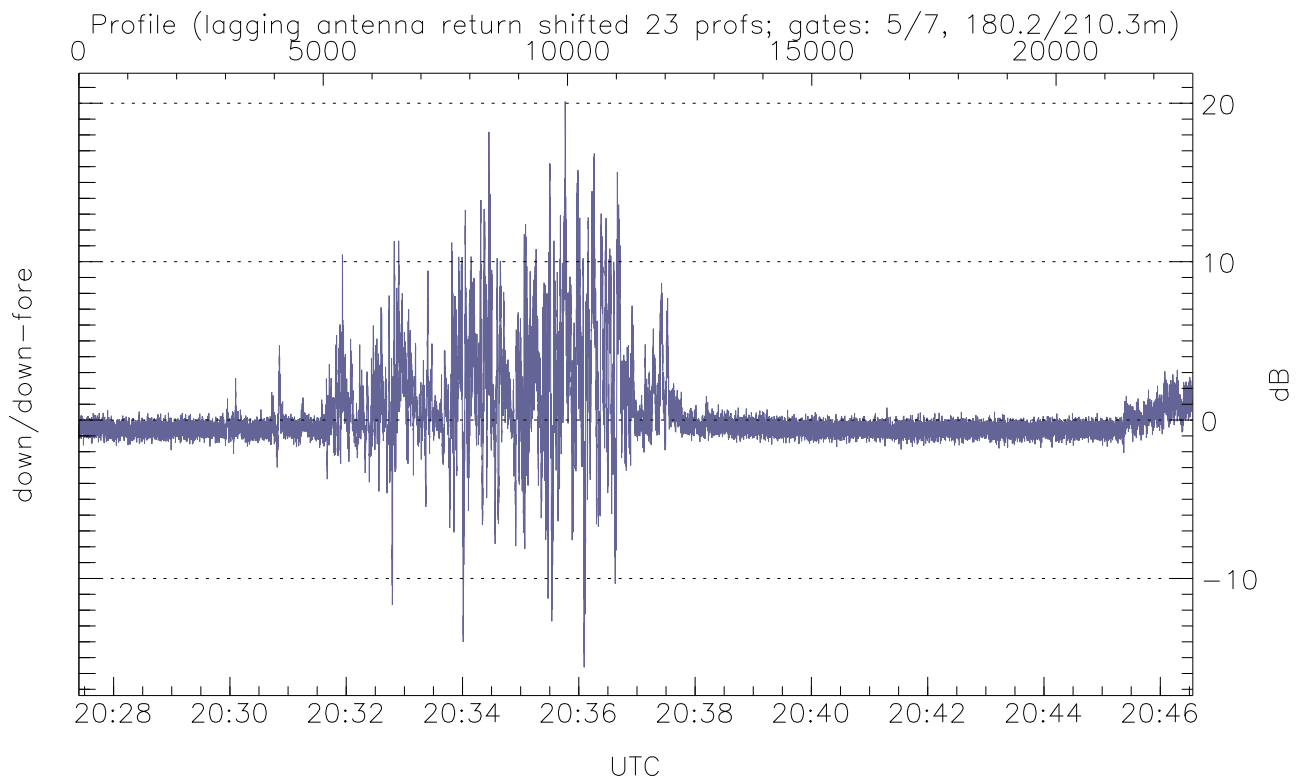
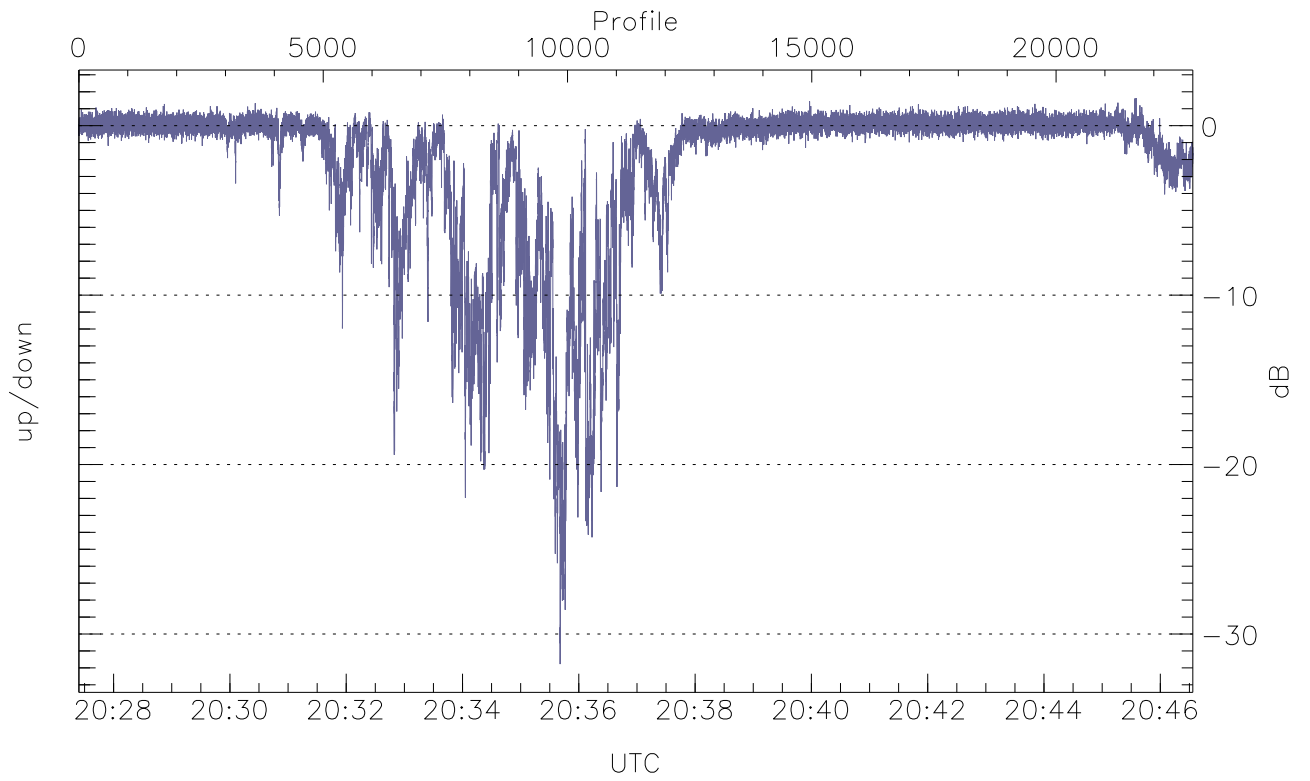


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



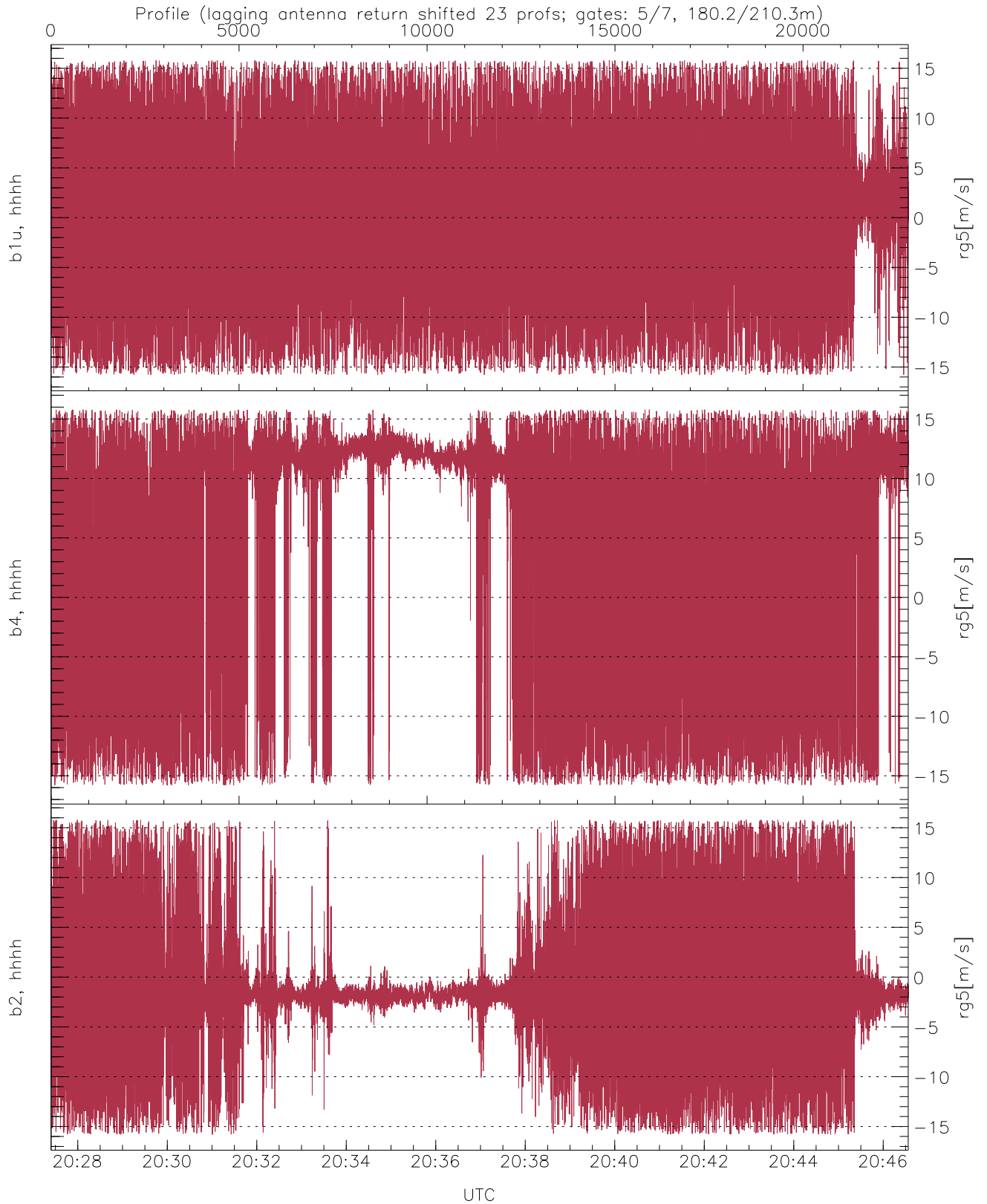
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.43	-57.90	-62.49
down-fore(hh[dBm])	-62.96	-34.57	-56.98
down(hh[dBm])	-63.63	-30.29	-54.57



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

	Min	Max	Mean
up/down (dB)	-31.78	1.61	-2.22
down/down-fore (dB)	-15.61	20.11	0.32



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.01	8.11
b4, hhhh(rg5[m/s])	-15.80	15.80	4.41	9.41
b2, hhhh(rg5[m/s])	-15.80	15.80	-1.21	6.37