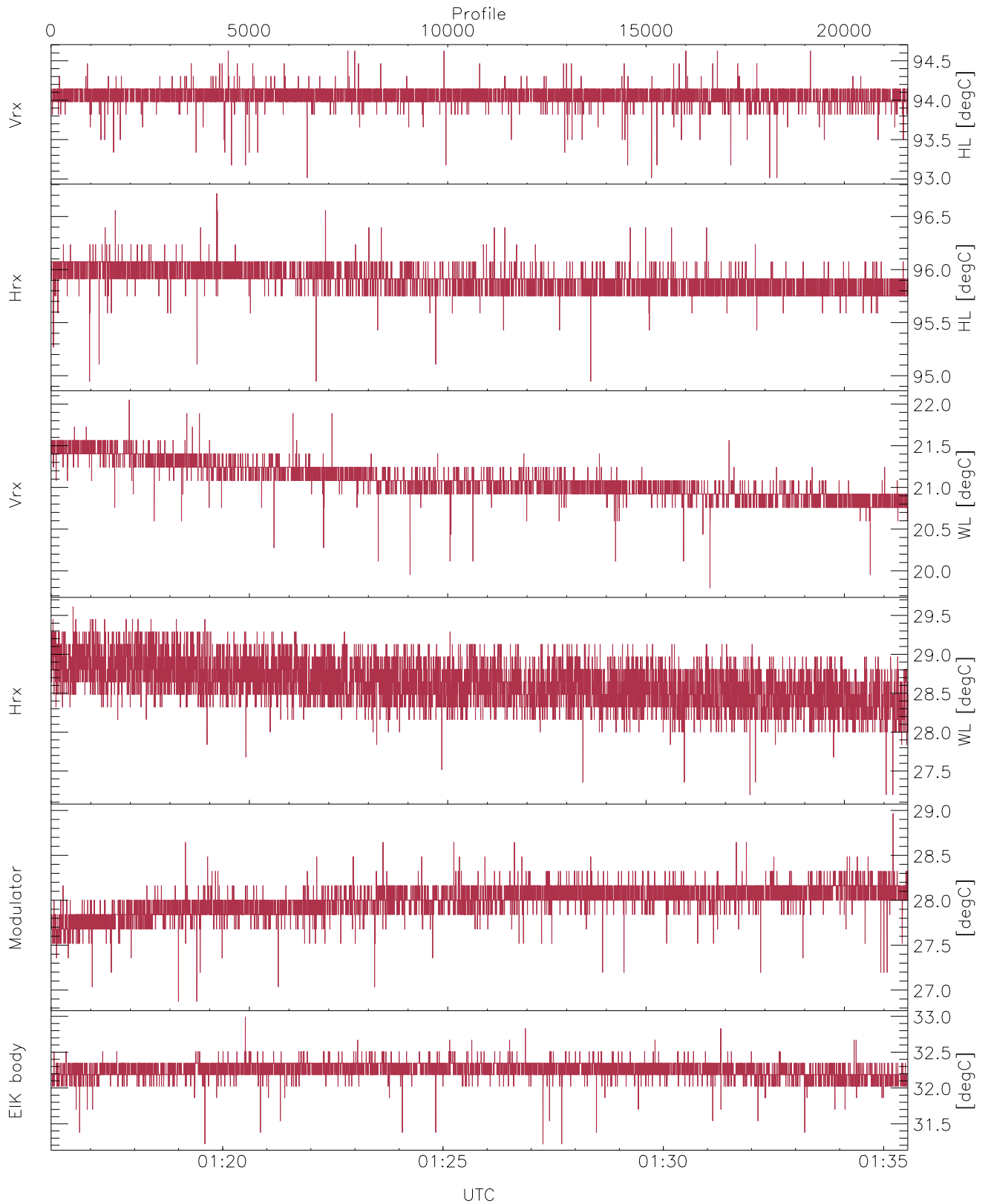


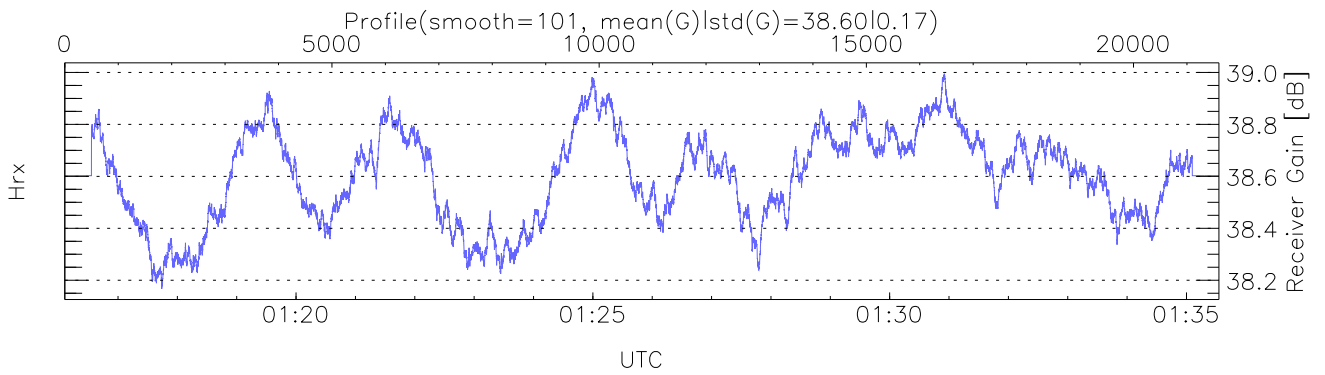
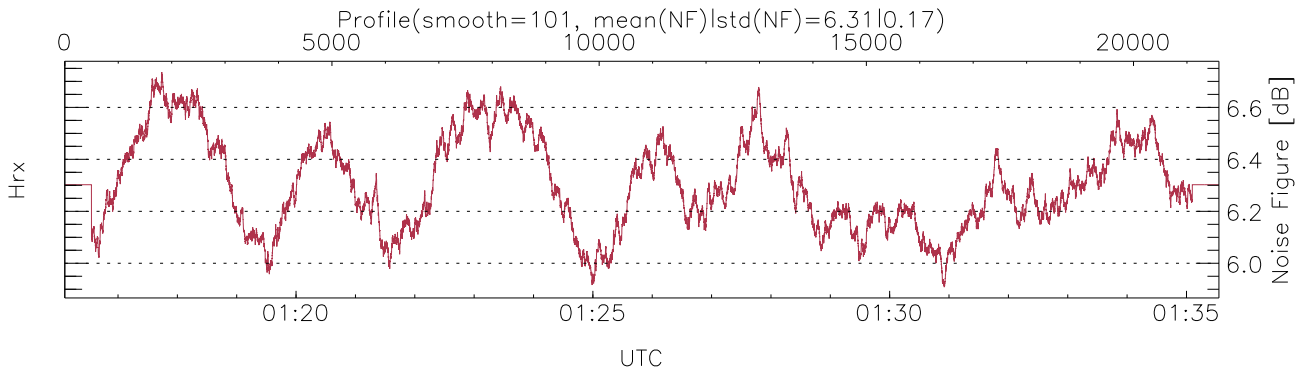
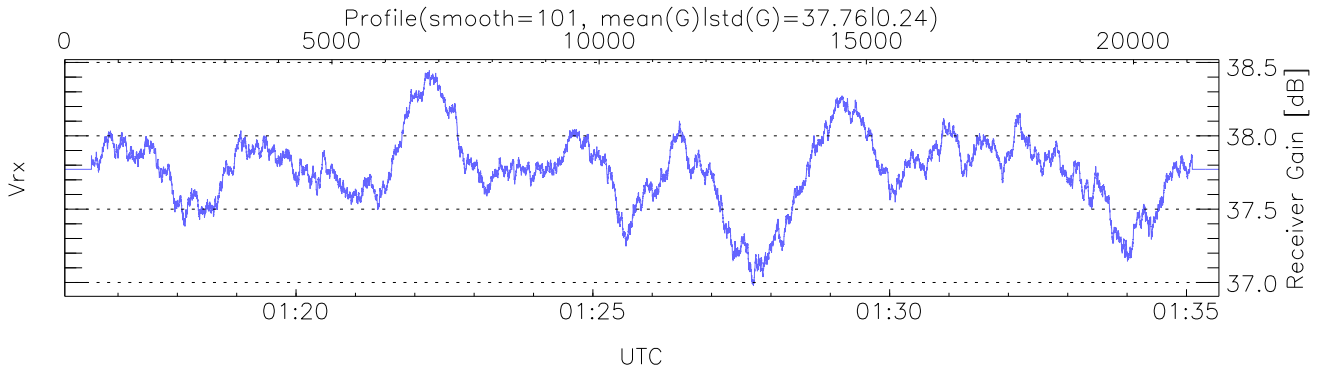
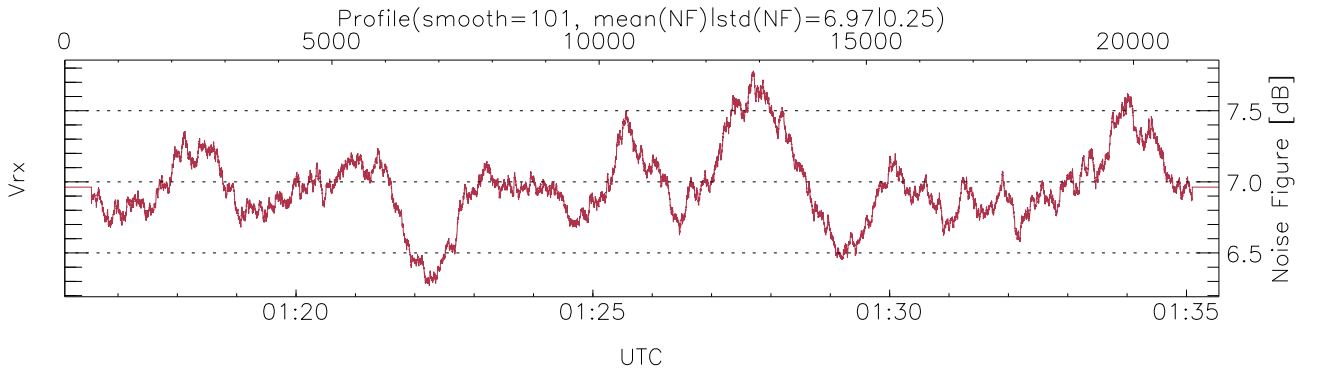
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 01:16:06-01:50:24, Dur: 2057.65s  
 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): 21600/38096, 0-21599/01:16:06-01:35:33  
 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



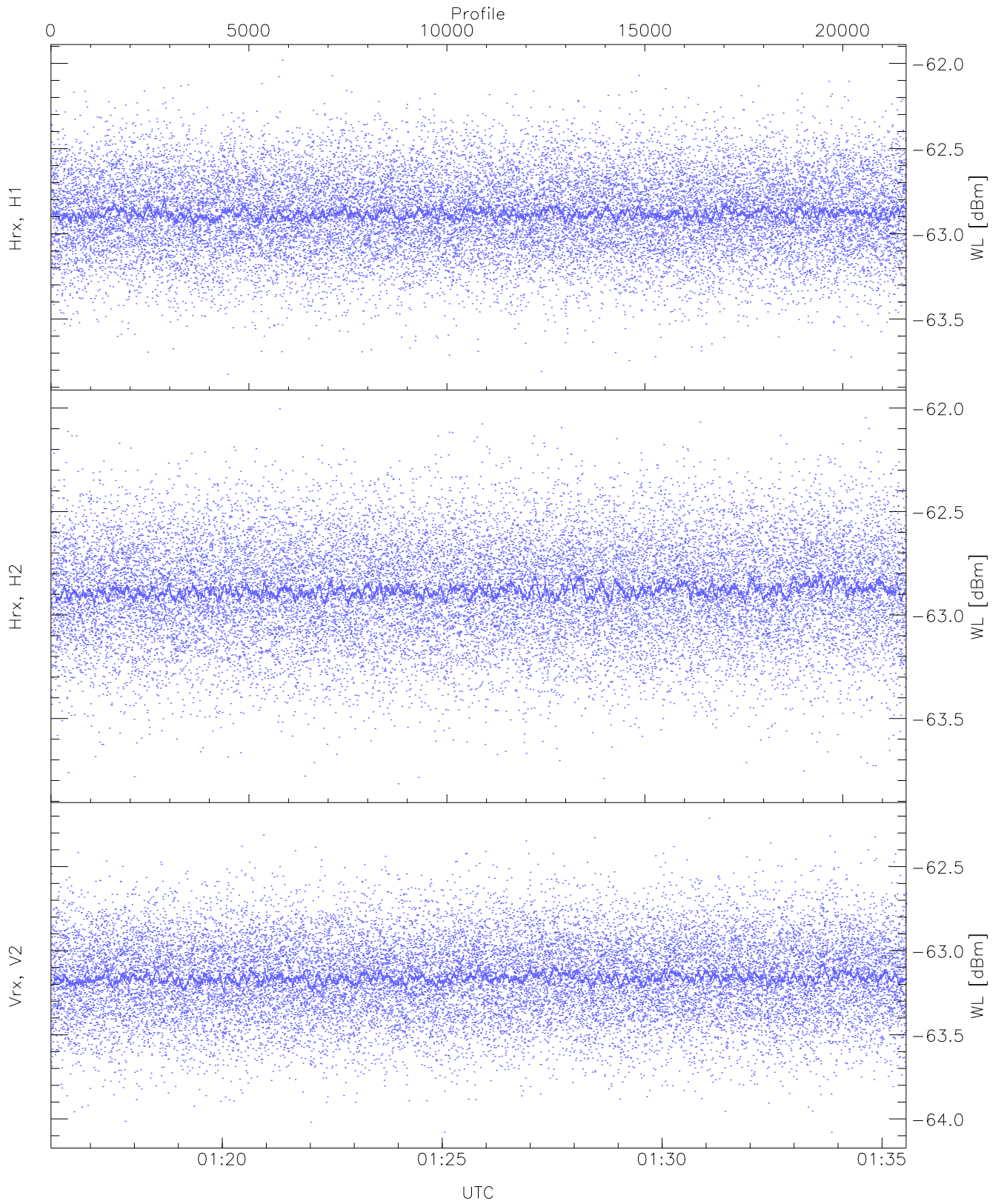
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,19,27,26,31`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,29,28,32`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,10,5,15)`



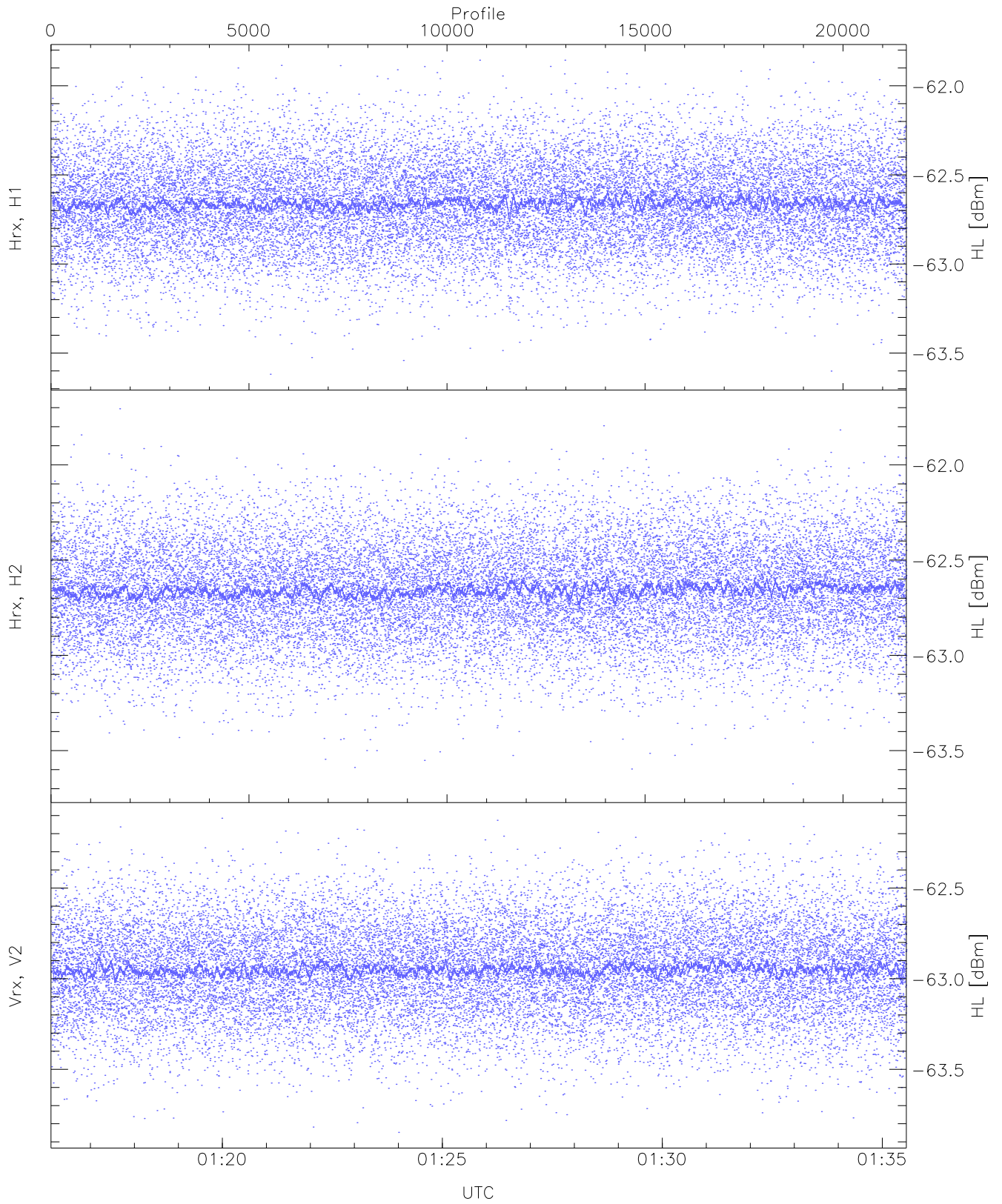
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 8507 pixs, 74 gates, 7715 profs, 2 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

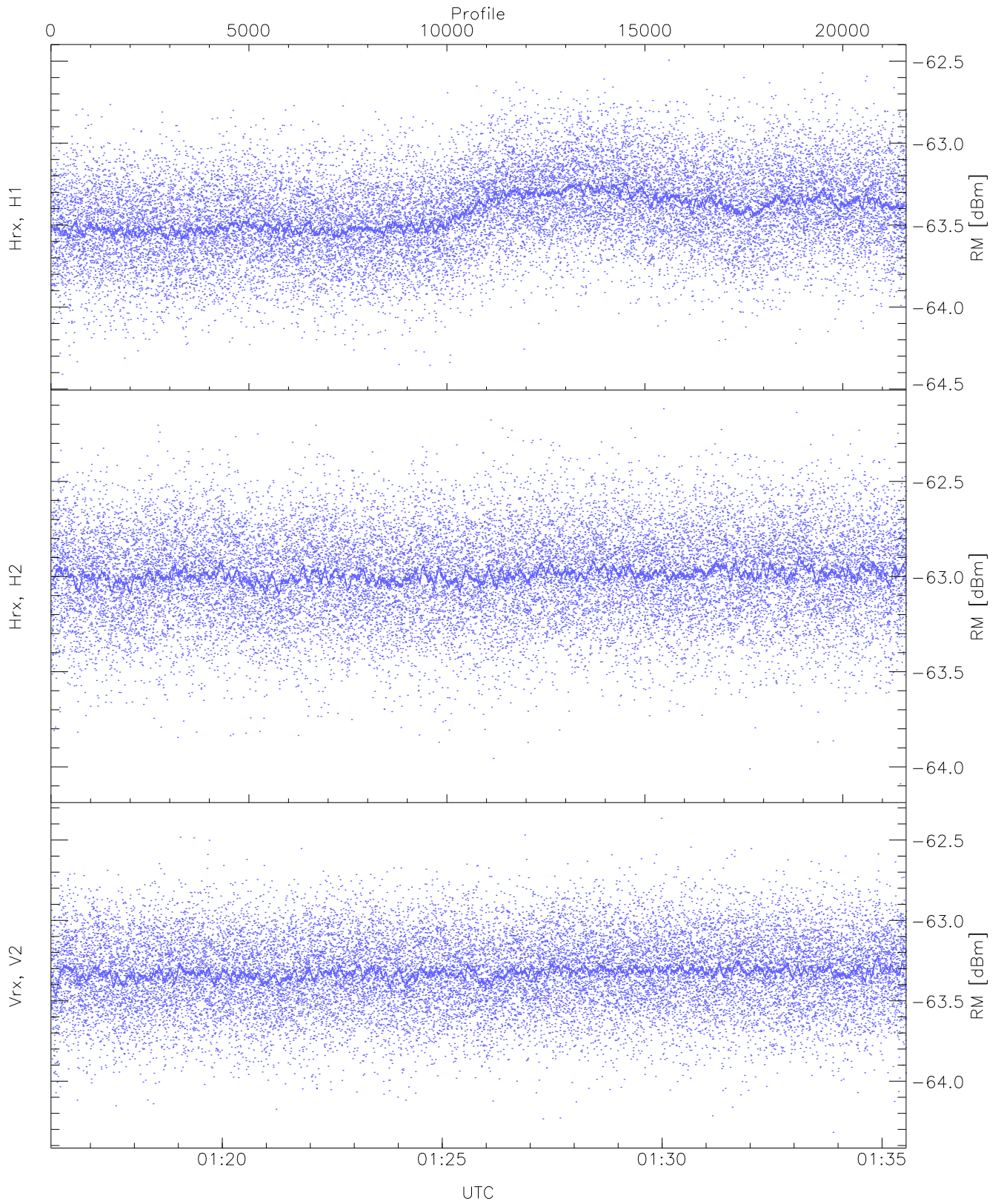
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.82	-61.98	-62.88	-62.88	-75.62
Hrx, H2 (WL [dBm])	-63.82	-62.00	-62.88	-62.88	-75.55
Vrx, V2 (WL [dBm])	-64.08	-62.21	-63.16	-63.16	-75.88



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

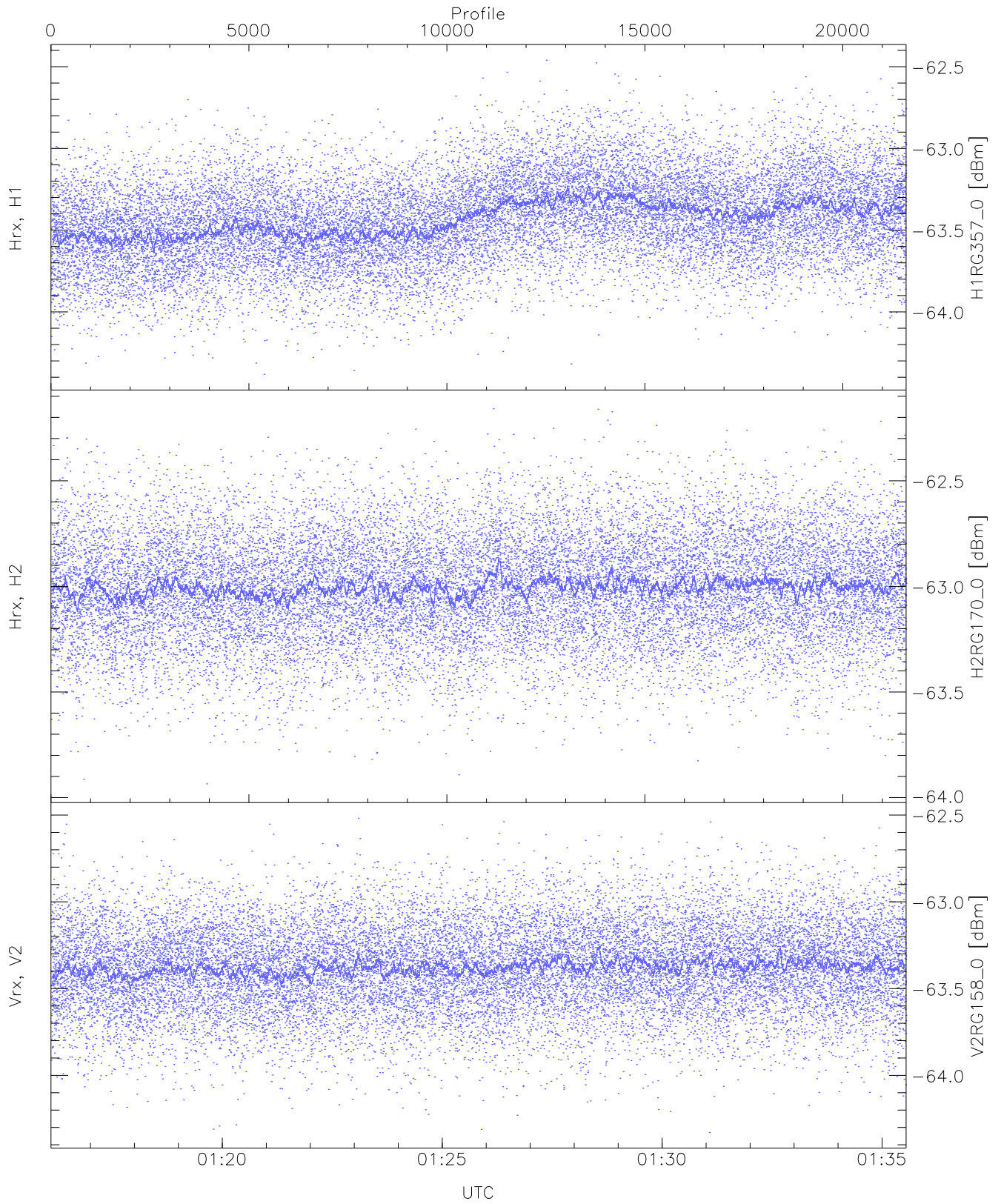
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.62	-61.86	-62.66	-62.66	-75.37
Hrx, H2 (HL [dBm])	-63.67	-61.71	-62.66	-62.66	-75.35
Vrx, V2 (HL [dBm])	-63.85	-62.11	-62.95	-62.95	-75.64





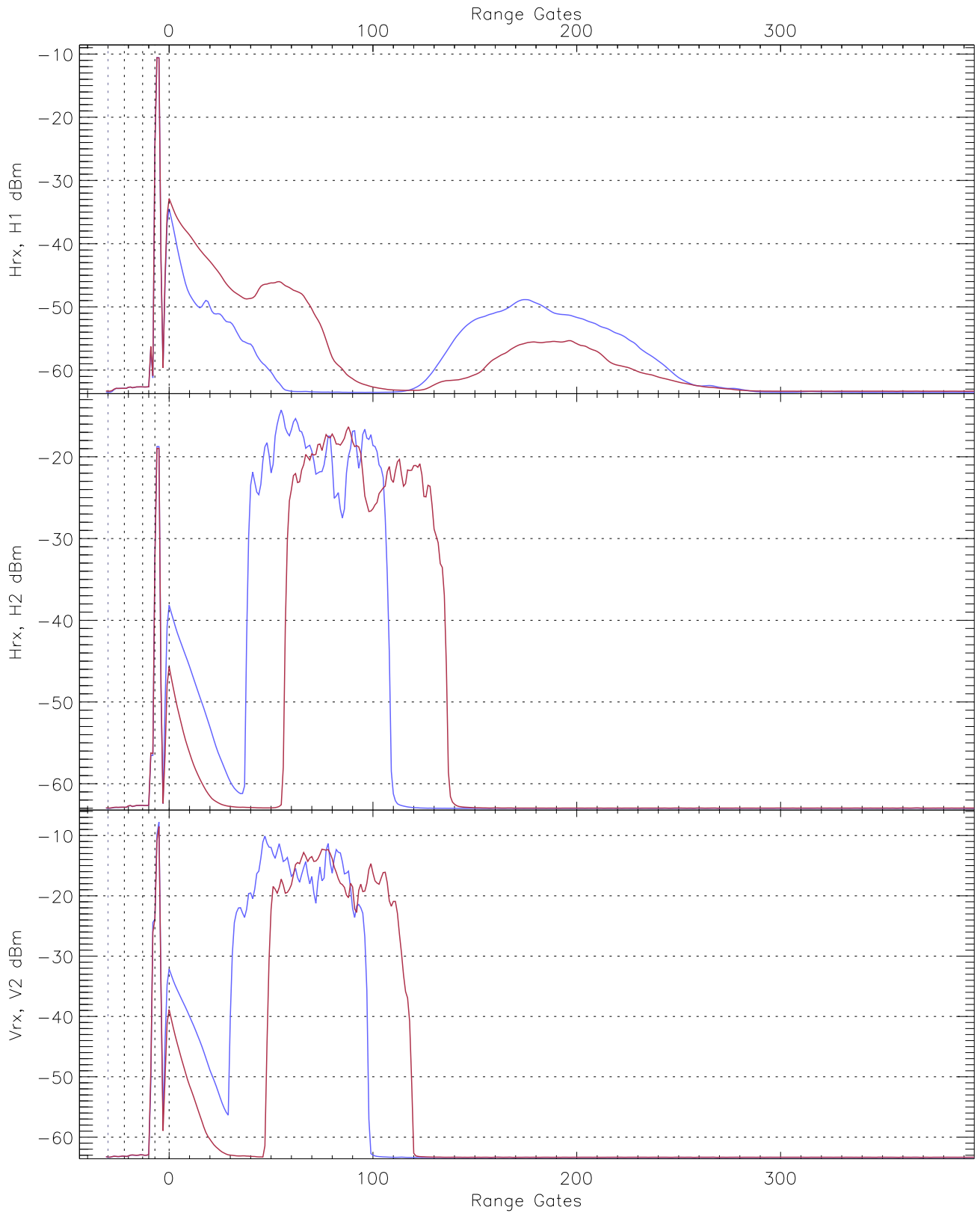
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.41	-62.49	-63.42	-63.43	-75.79
Hrx, H2 (RM [dBm])	-64.09	-62.12	-62.99	-62.99	-75.69
Vrx, V2 (RM [dBm])	-64.32	-62.36	-63.32	-63.33	-76.02



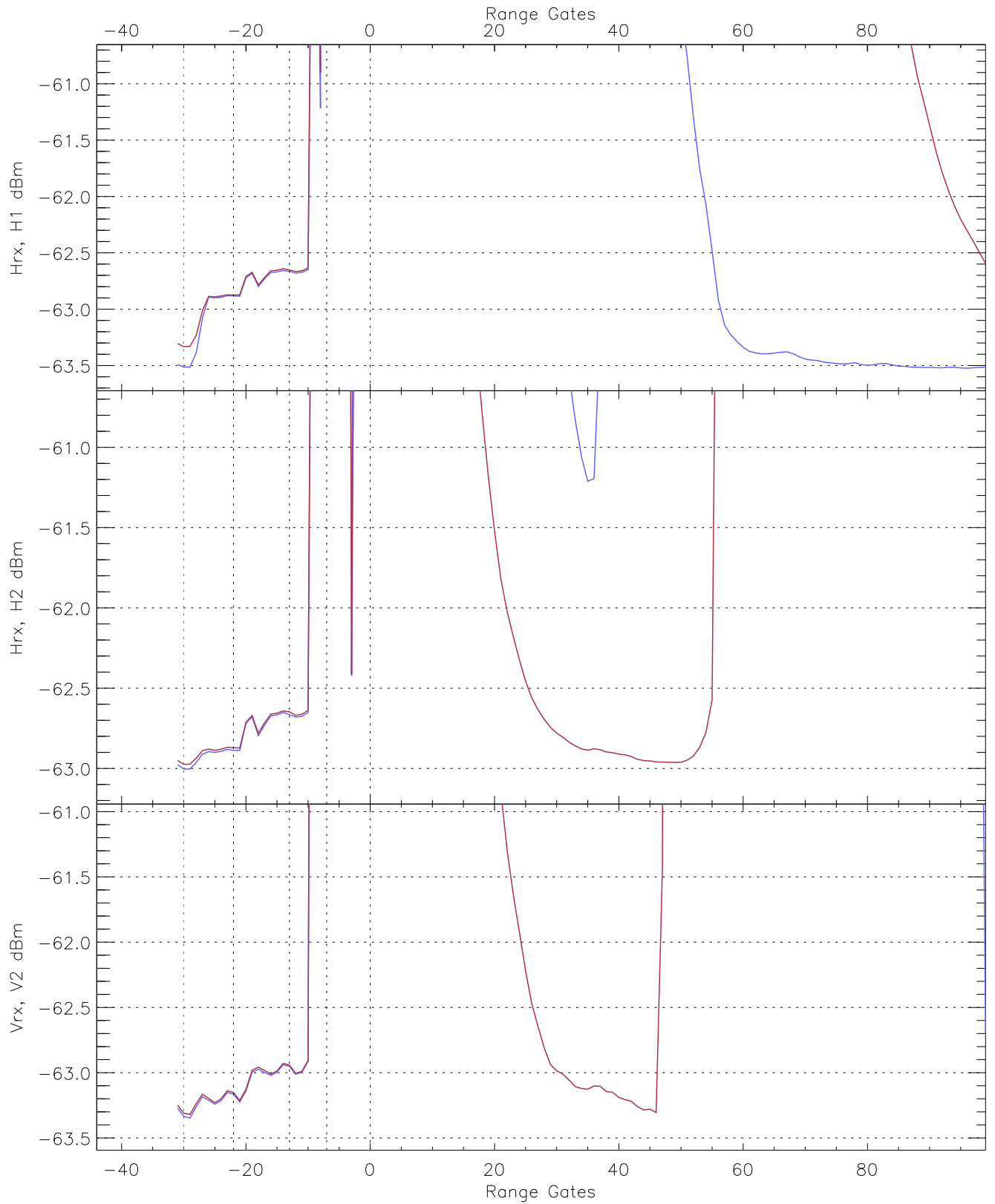
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG357_0 [dBm]	-64.38	-62.46	-63.43	-63.44	-75.80
H2RG170_0 [dBm]	-63.93	-62.16	-63.00	-63.01	-75.69
V2RG158_0 [dBm]	-64.33	-62.52	-63.38	-63.38	-76.01

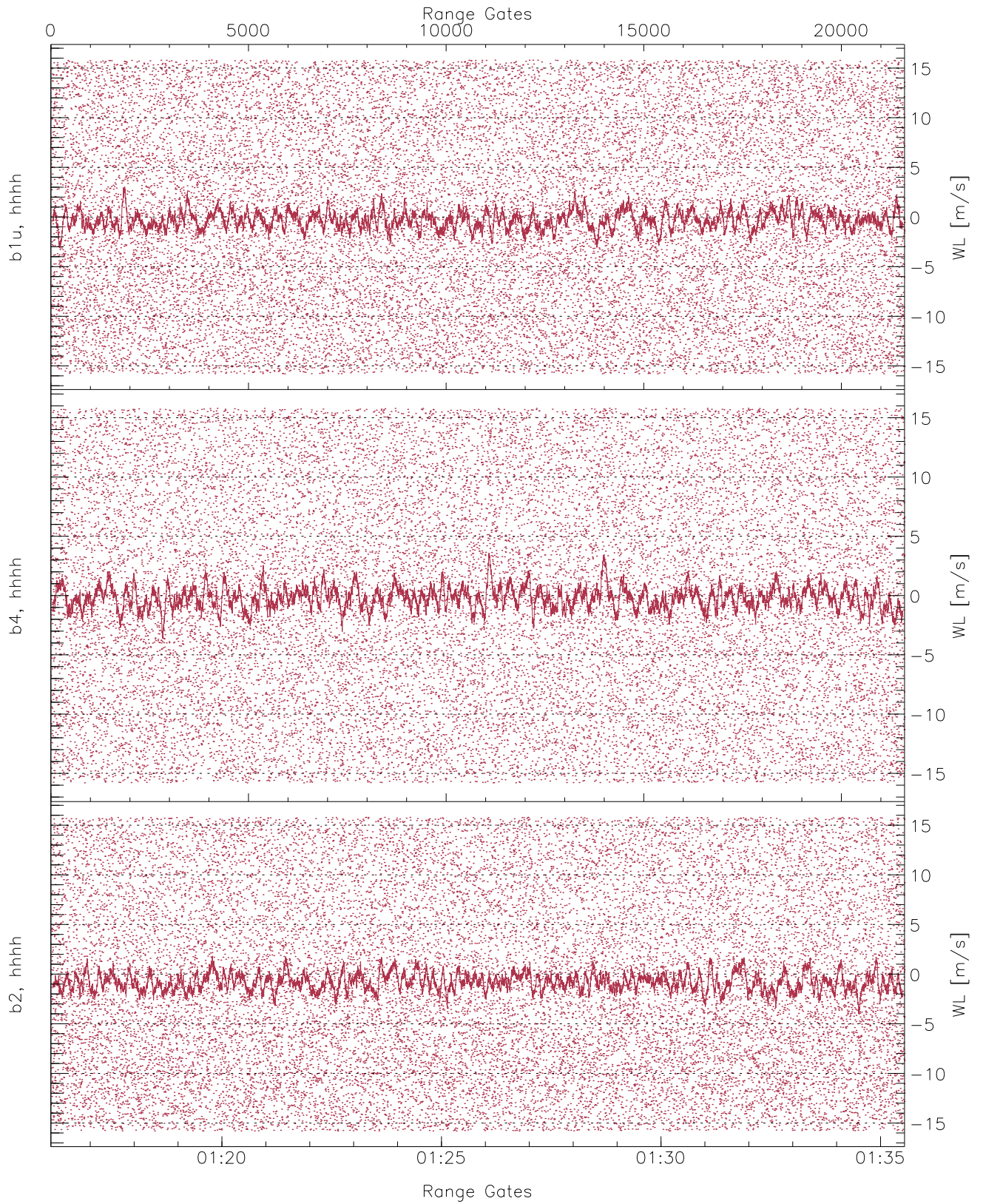


WCR2 CPP Averaged Received power for all recorded gates  
blue: 011606-012550, 10801 profiles averaged  
red: 012550-013533, 10800 profiles averaged

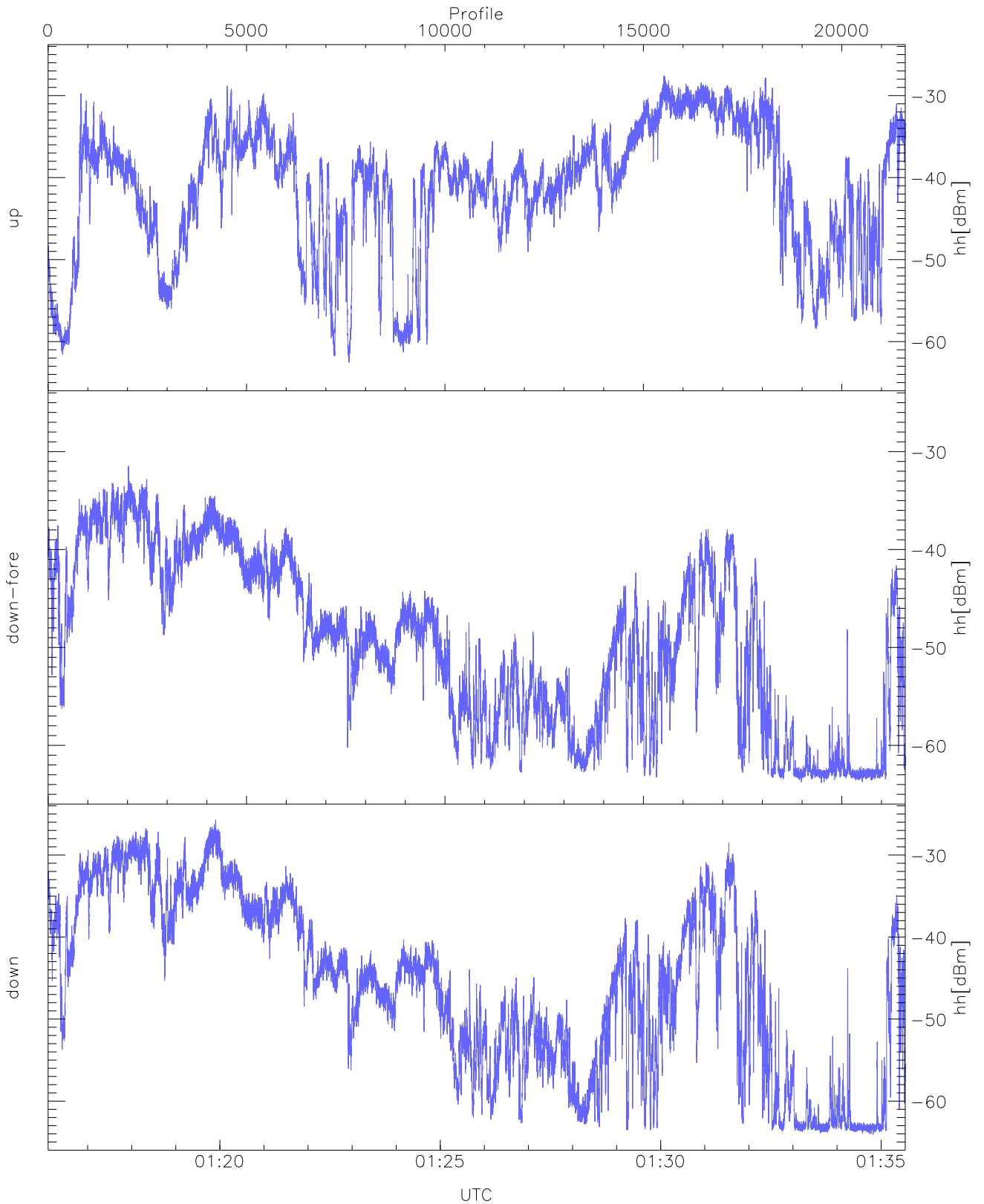




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 011606-012550, 10801 profiles averaged  
red: 012550-013533, 10800 profiles averaged

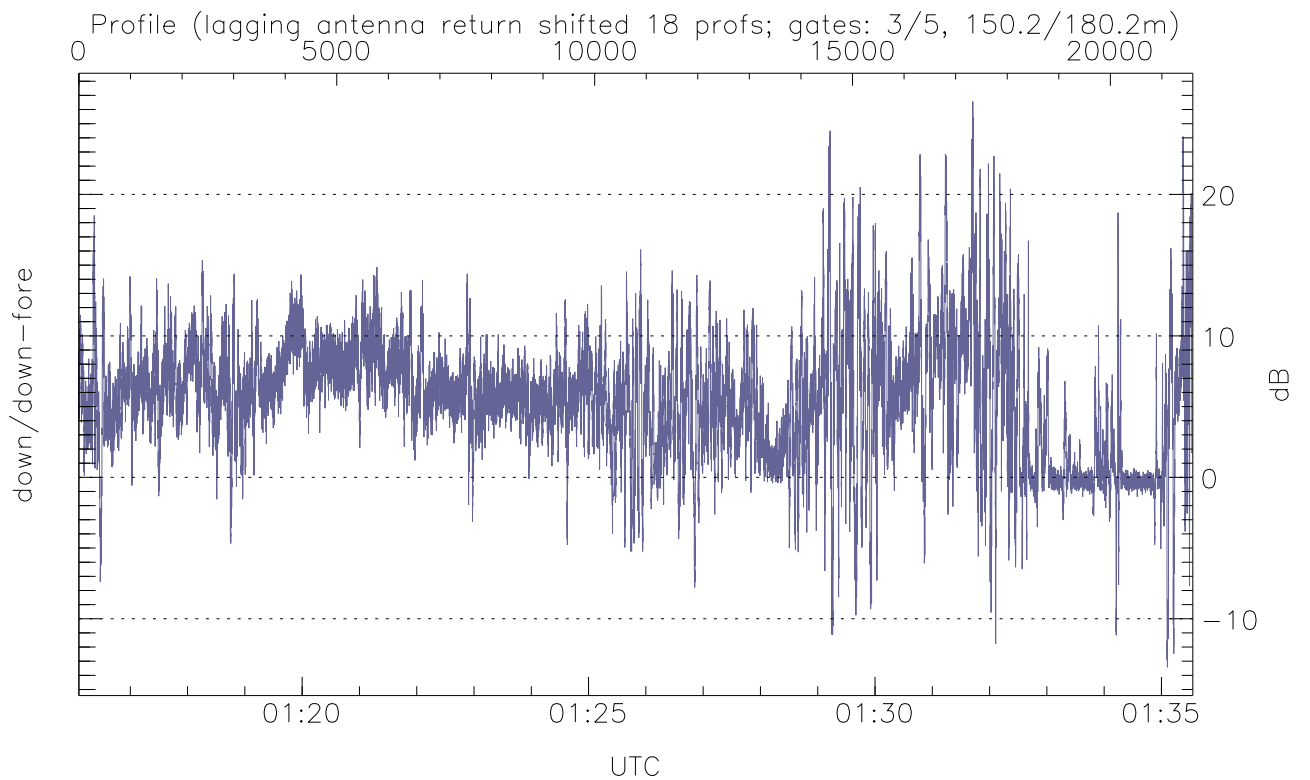
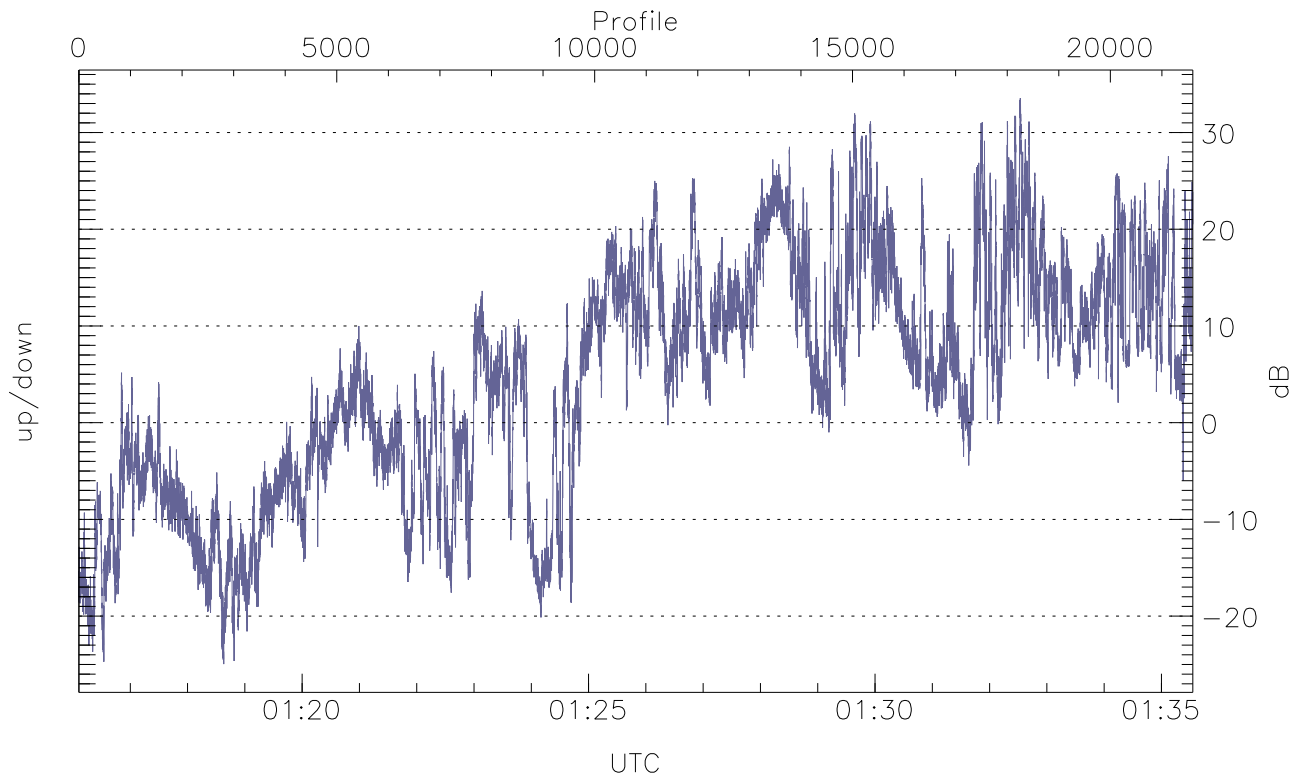


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



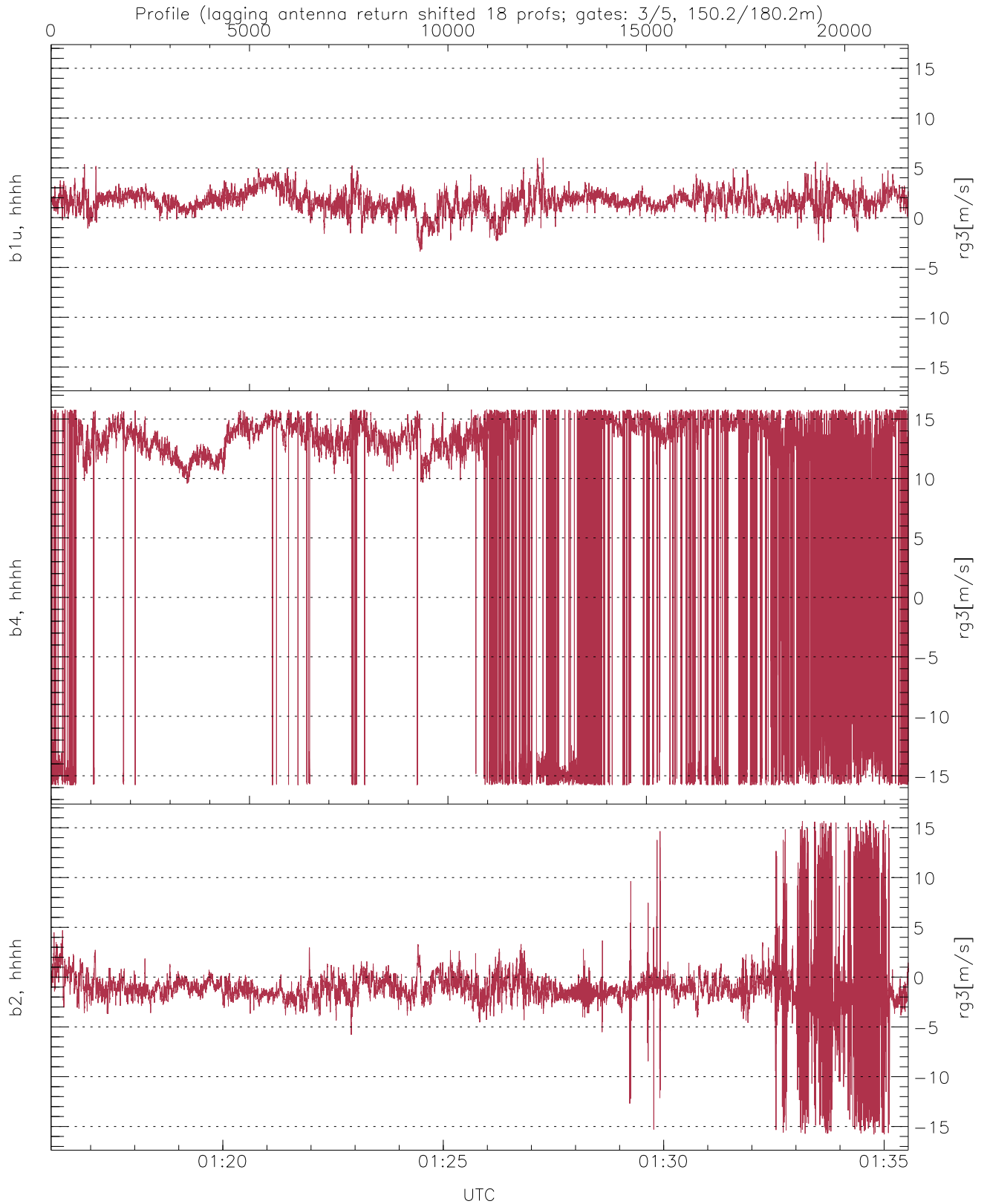
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-62.54	-27.56	-36.79
down-fore(hh[dBm])	-63.82	-31.48	-43.20
down(hh[dBm])	-64.07	-25.70	-37.27



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

	Min	Max	Mean
up/down (dB)	-24.96	33.54	4.49
down/down-fore (dB)	-13.43	26.57	5.52



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-3.41	6.01	1.64	1.07
b4, hhhh(rg3[m/s])	-15.80	15.80	7.79	11.24
b2, hhhh(rg3[m/s])	-15.79	15.77	-1.10	2.59