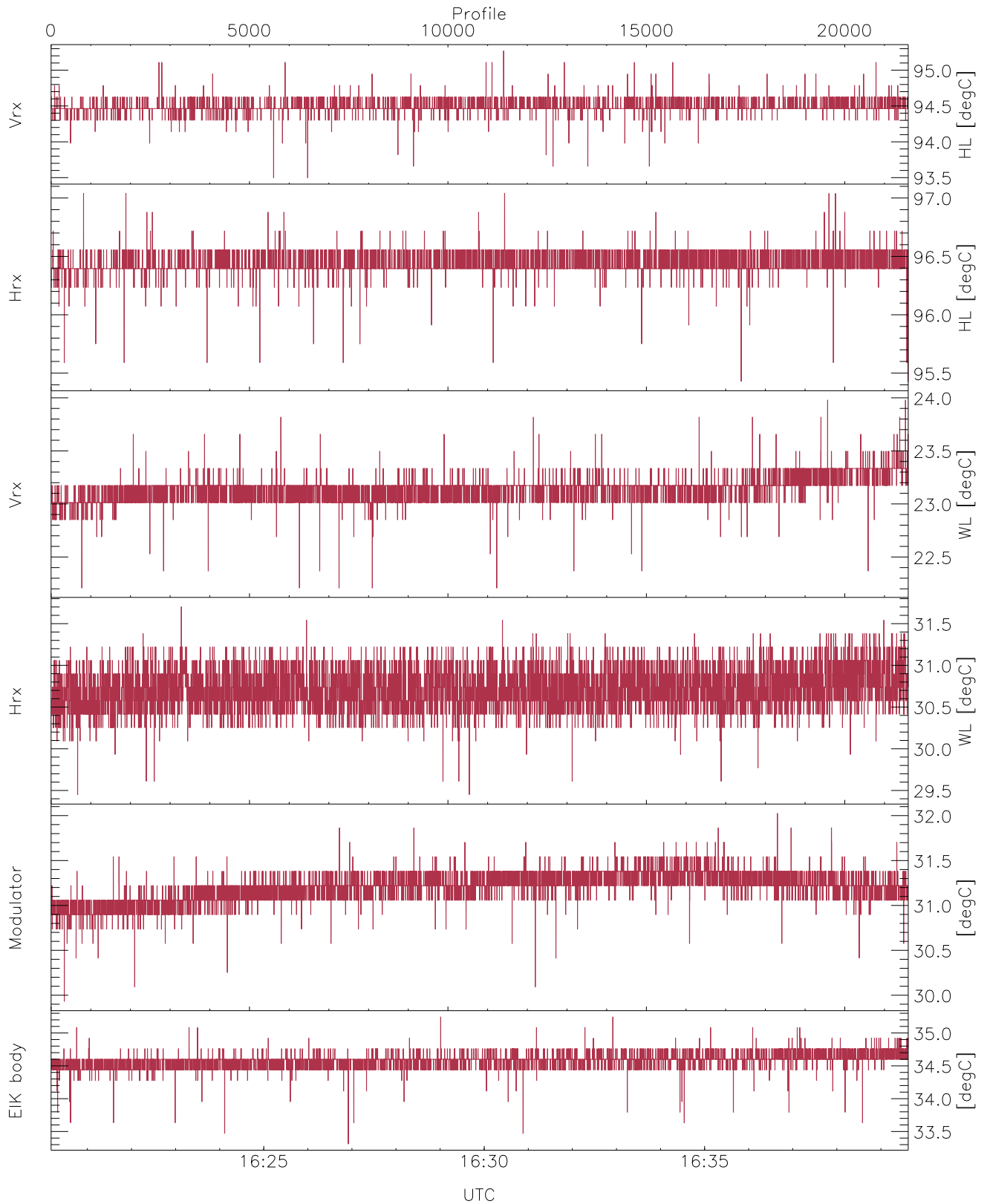


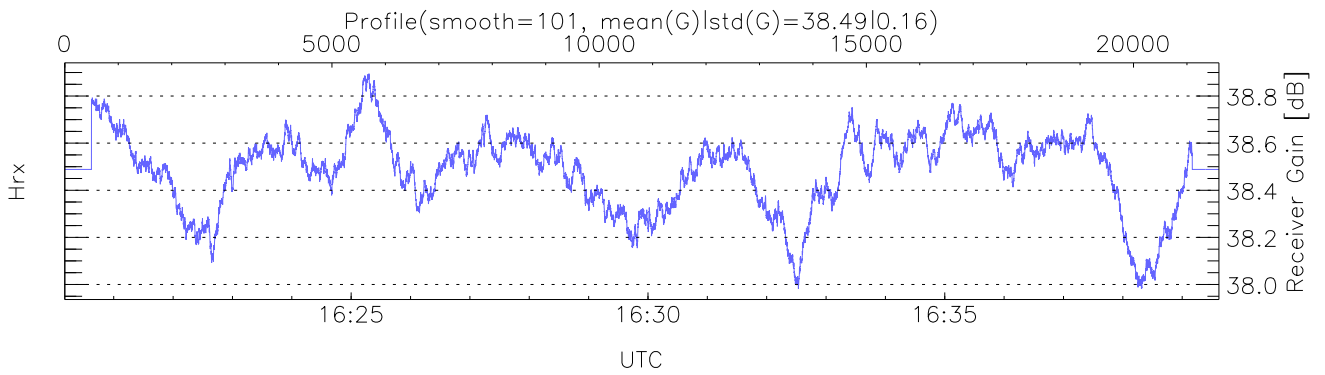
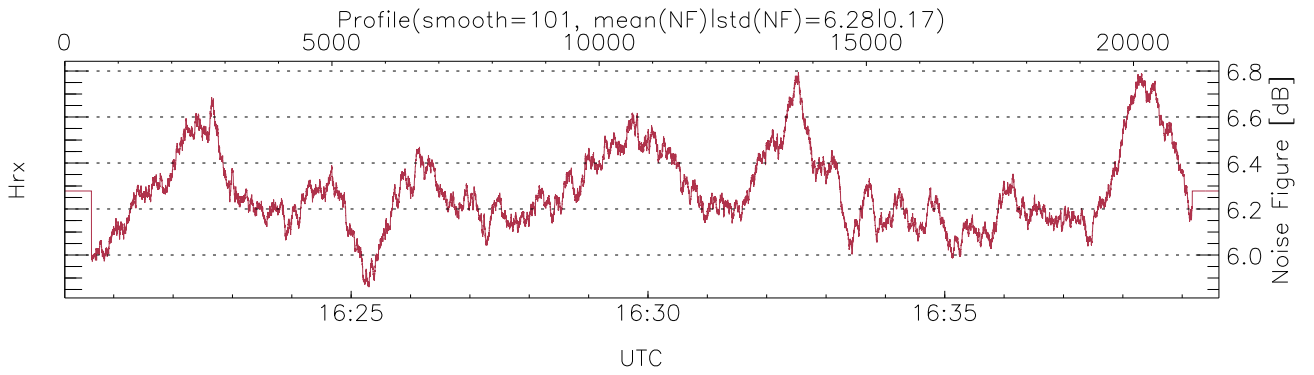
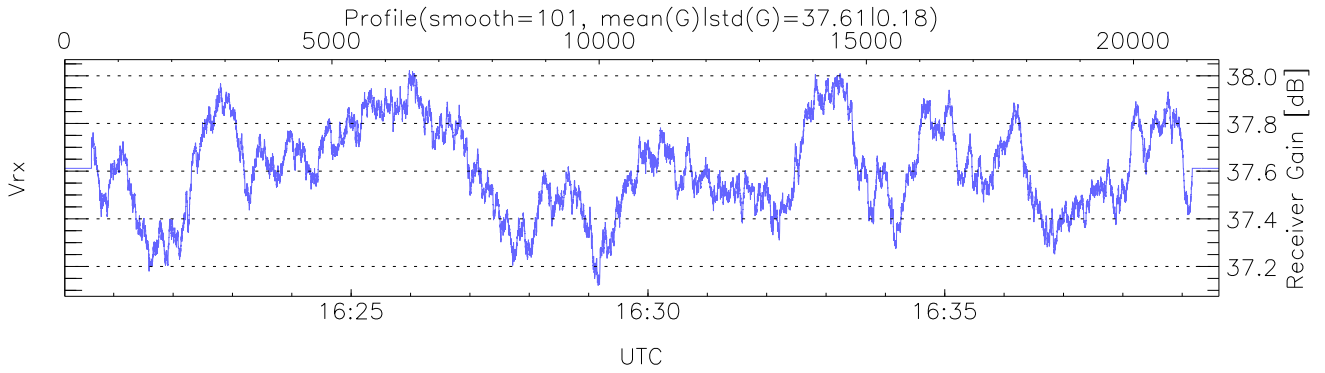
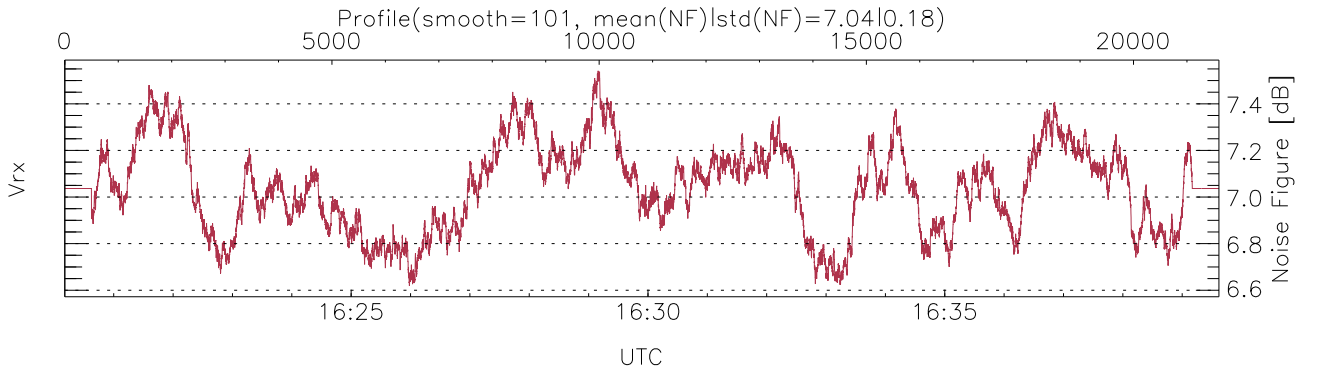
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:20:11-16:45:04, Dur: 1493.85s
 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): 21600/27658, 0-21599/16:20:11-16:39:37
 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



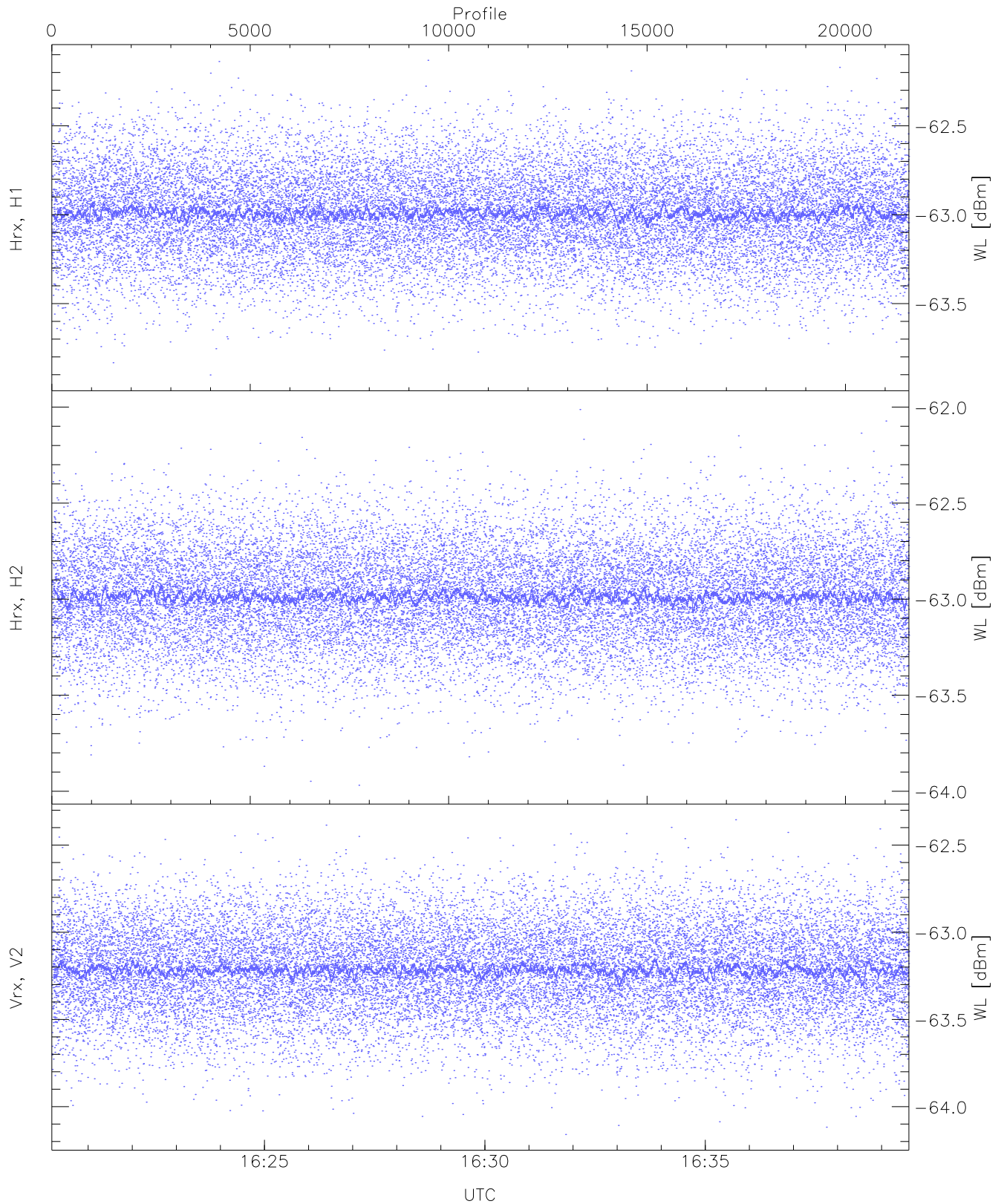
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,29,29,33
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 95,97,23,31,32,35
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (9,9,9,9,5)
```



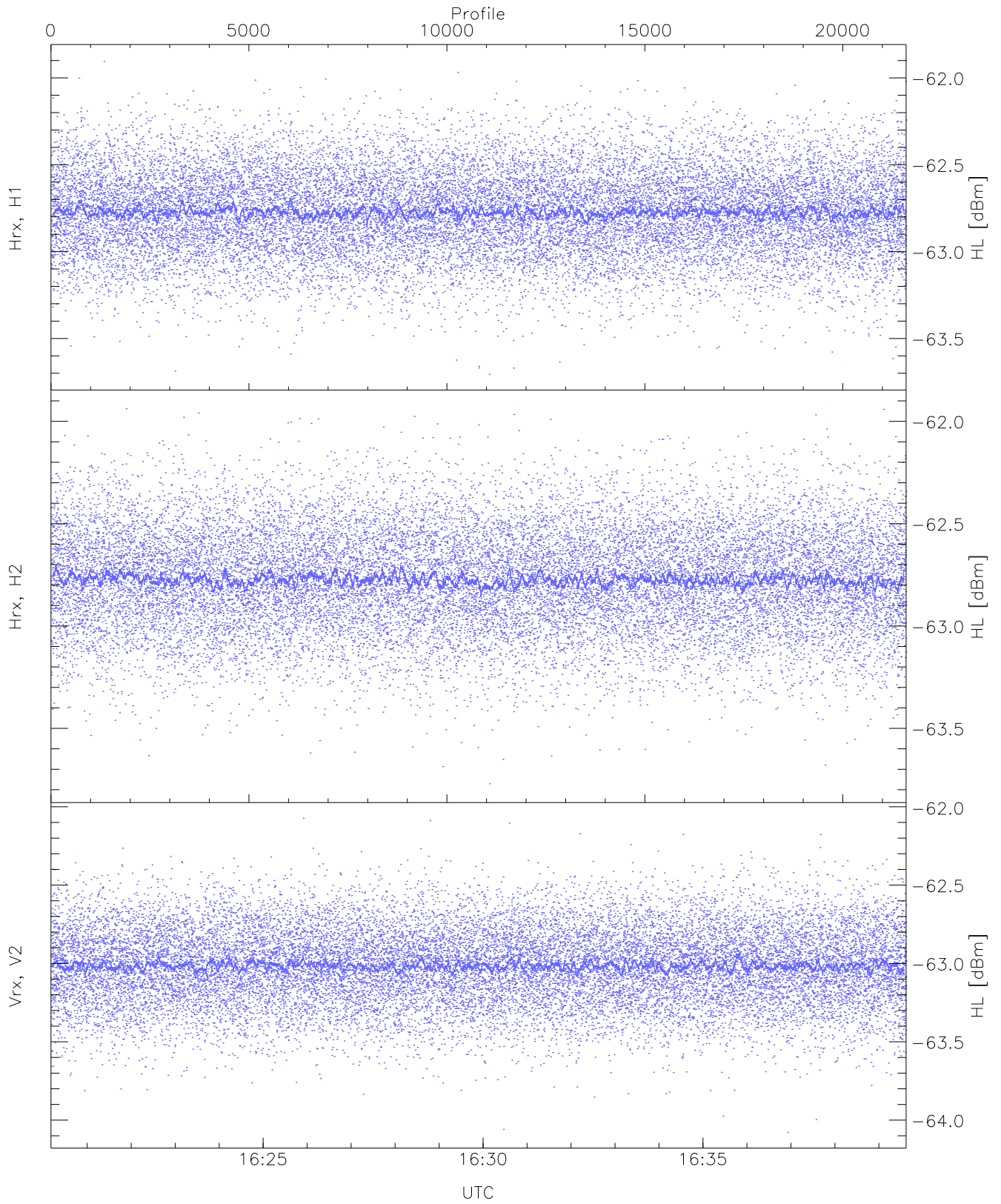
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 6 pixs, 2 gates, 6 profs, 1 prods



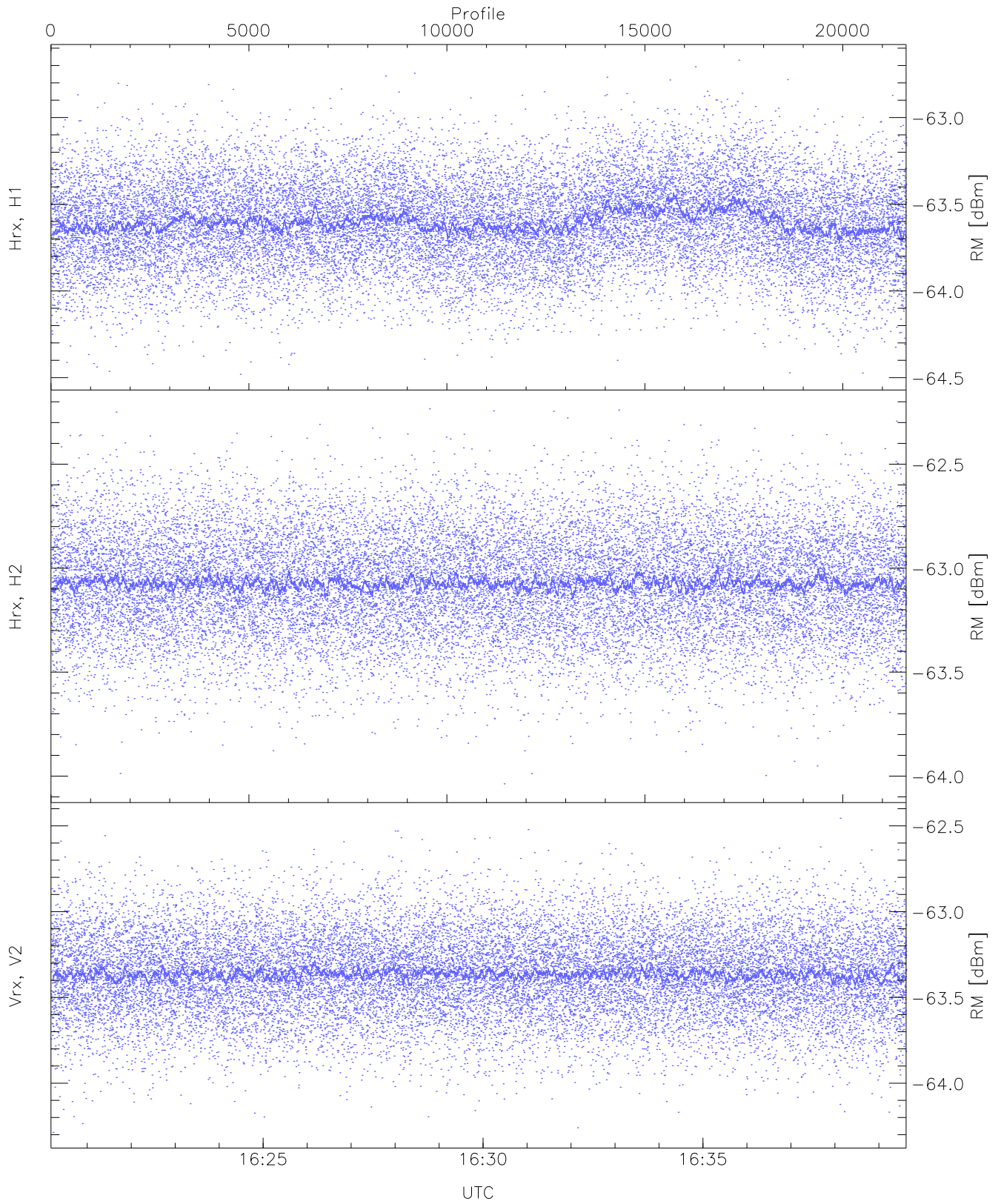
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.90	-62.13	-62.99	-62.99	-75.70
Hrx, H2 (WL [dBm])	-63.97	-62.01	-62.98	-62.99	-75.70
Vrx, V2 (WL [dBm])	-64.16	-62.35	-63.21	-63.22	-75.90



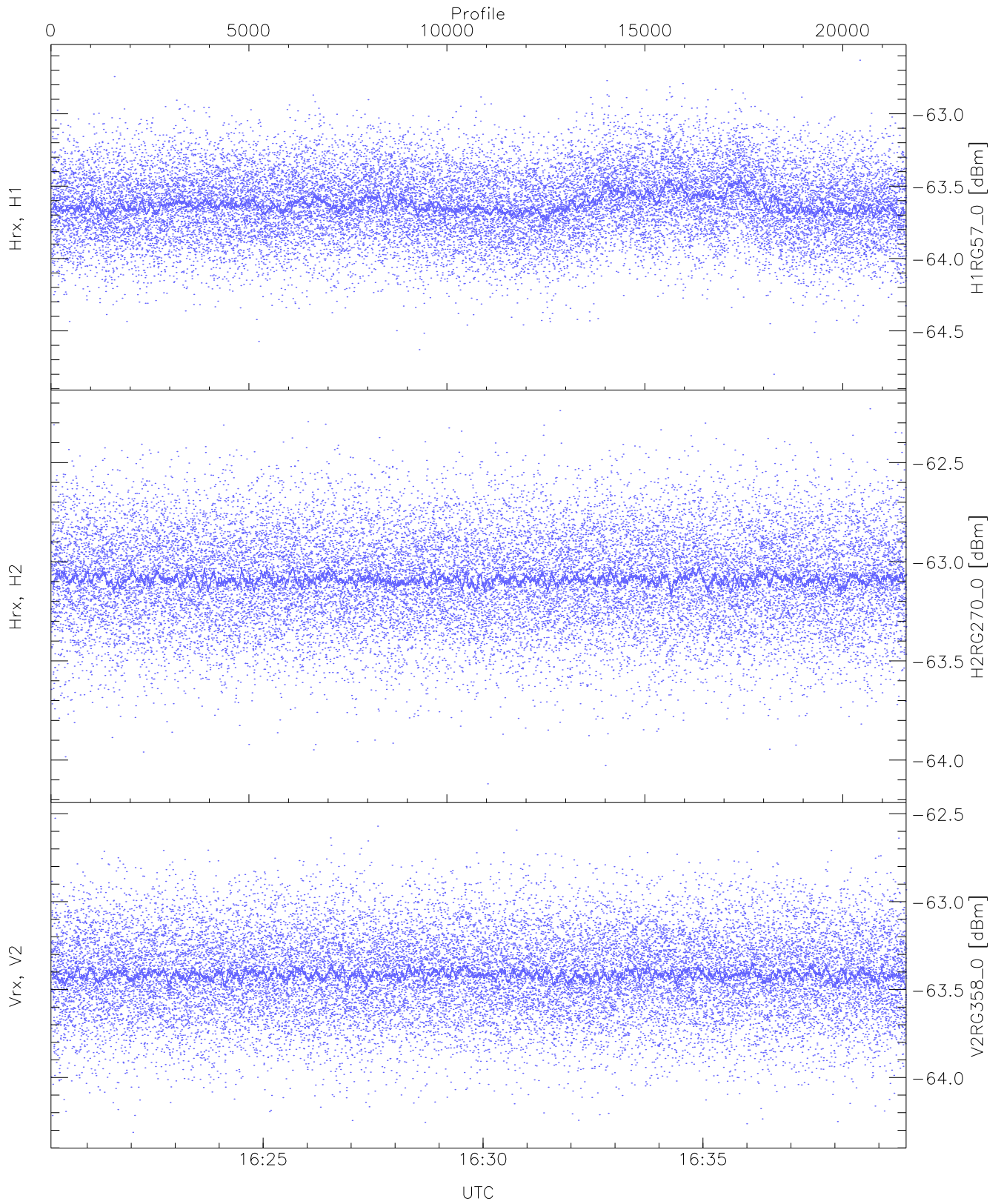
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.71	-61.90	-62.77	-62.77	-75.54
Hrx, H2 (HL [dBm])	-63.77	-61.94	-62.77	-62.78	-75.45
Vrx, V2 (HL [dBm])	-64.08	-62.07	-63.01	-63.02	-75.76



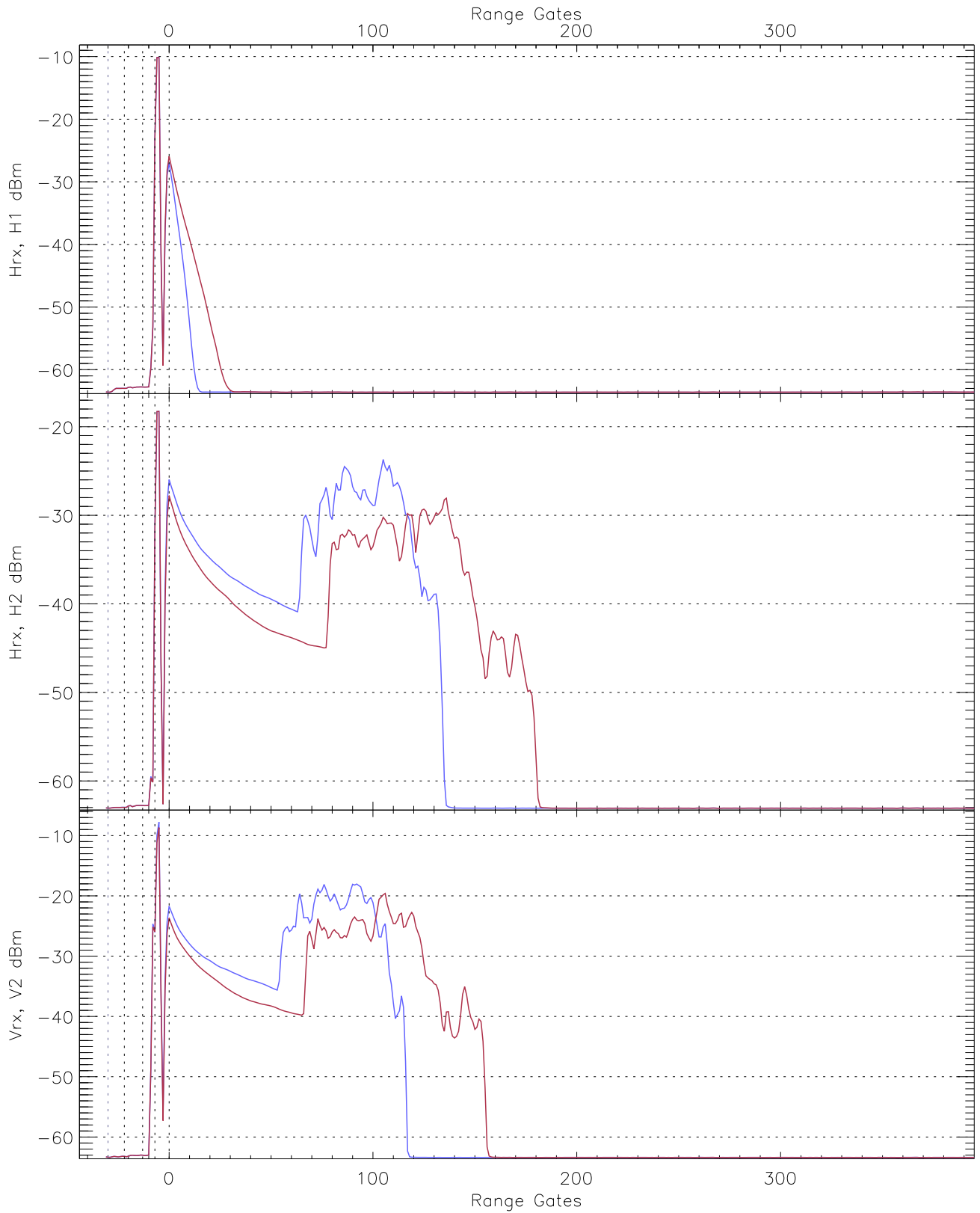
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.48	-62.67	-63.60	-63.60	-76.24
Hrx, H2 (RM [dBm])	-64.04	-62.23	-63.07	-63.07	-75.82
Vrx, V2 (RM [dBm])	-64.29	-62.46	-63.36	-63.37	-76.08

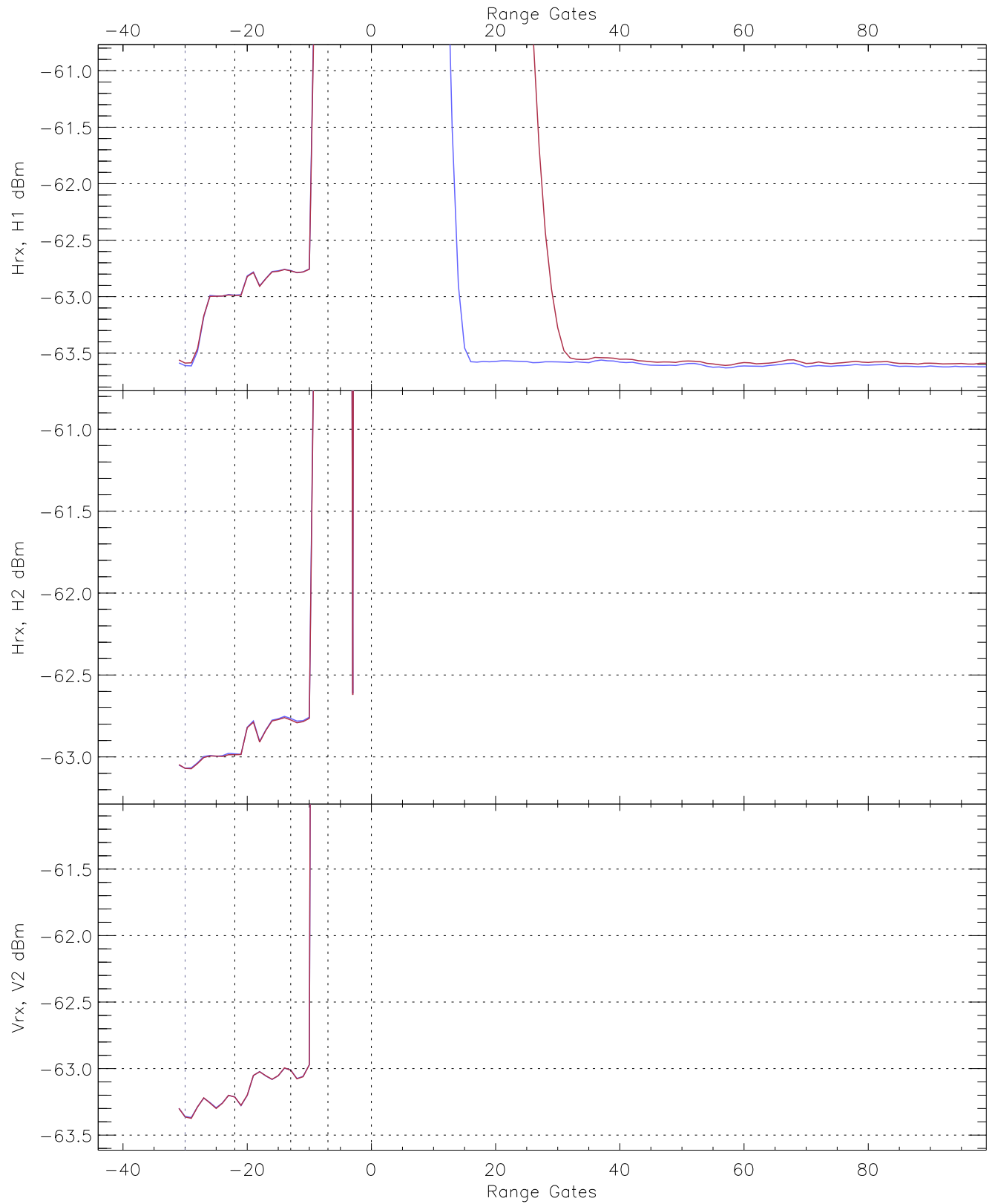


WCR2 CPP "Best" estimate Receivers Noise Power

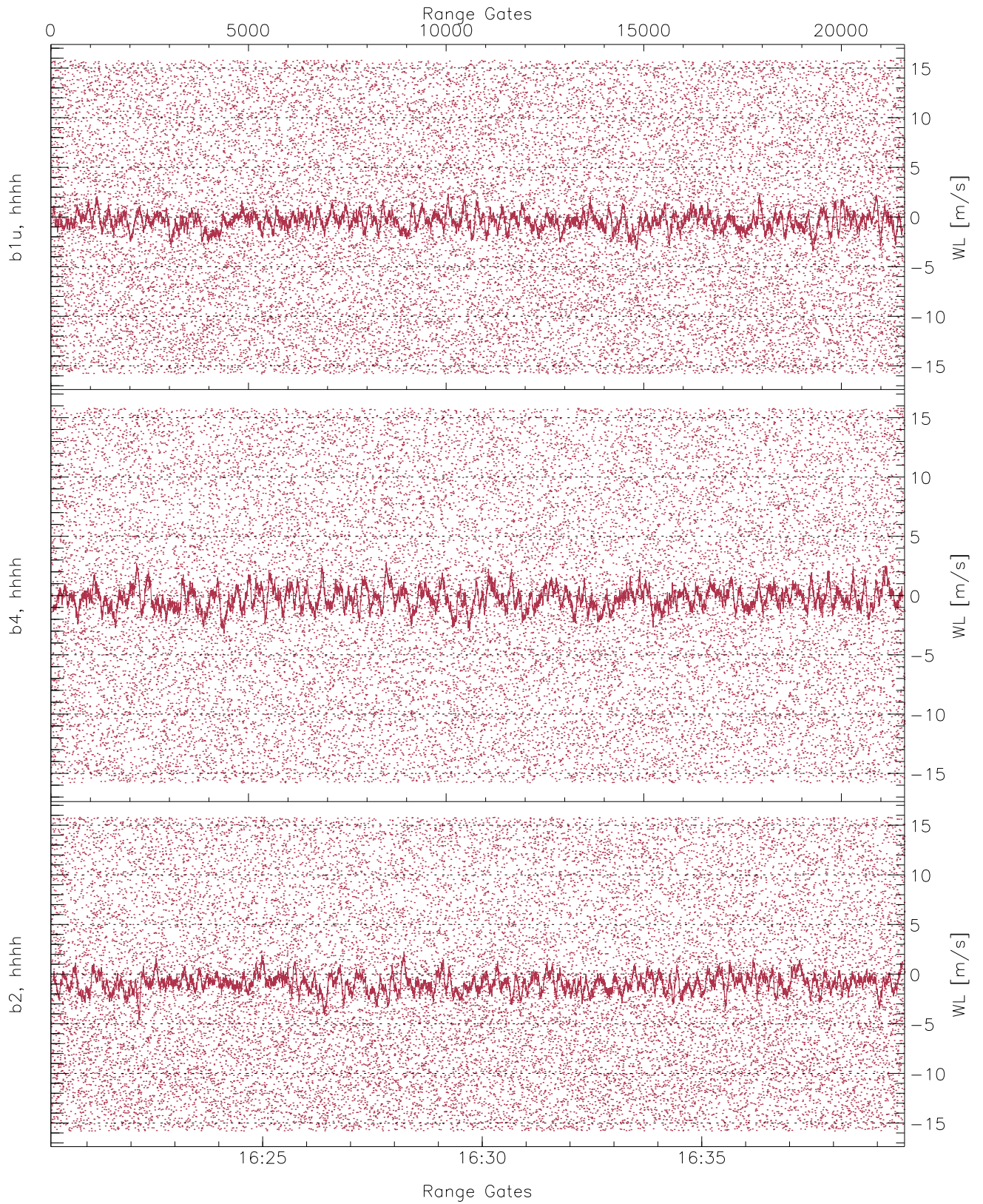
	Min	Max	Mean	Median	StDev
H1RG57_0 [dBm]	-64.80	-62.63	-63.62	-63.62	-76.22
H2RG270_0 [dBm]	-64.12	-62.23	-63.09	-63.09	-75.80
V2RG358_0 [dBm]	-64.31	-62.53	-63.41	-63.42	-76.11



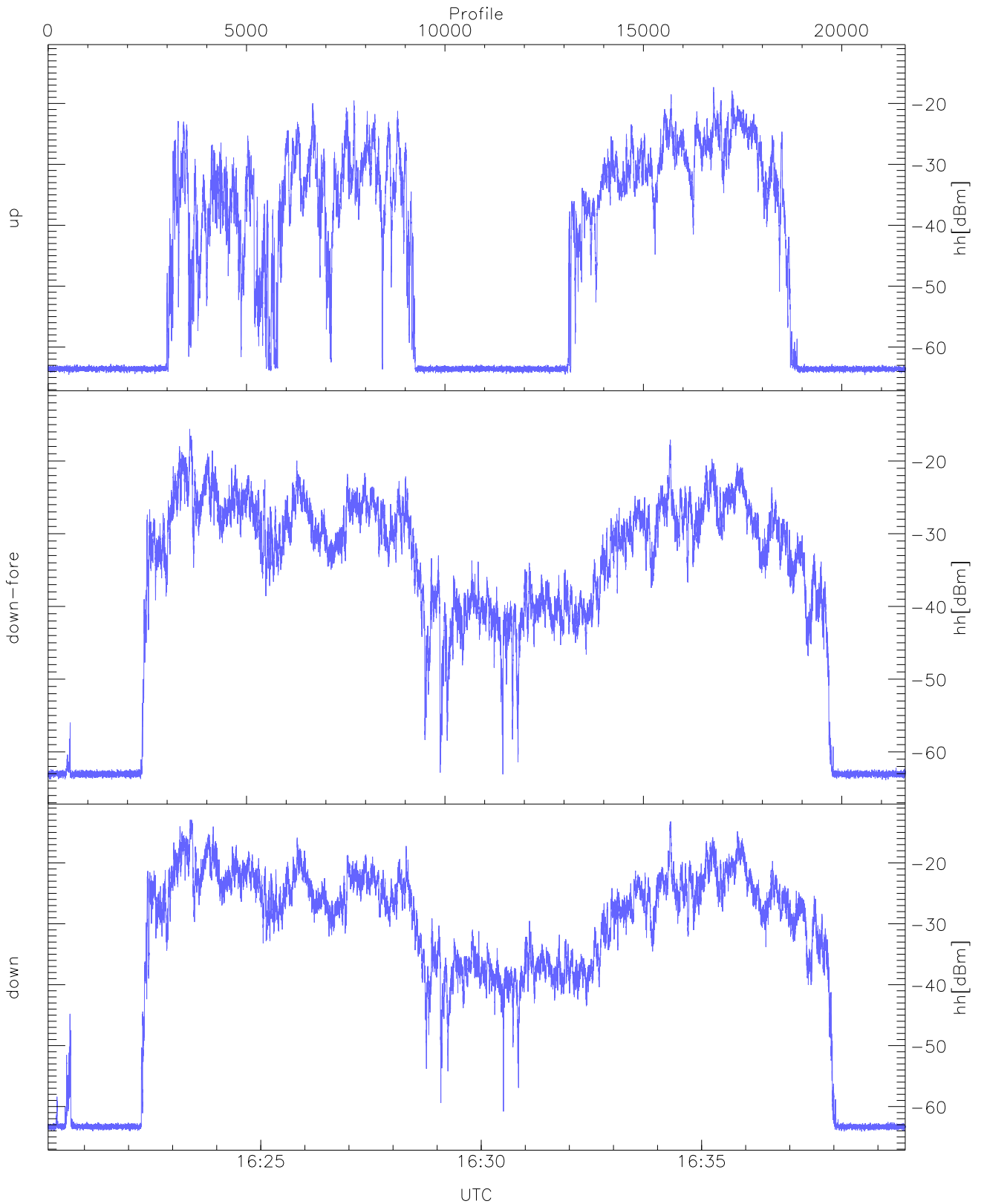
WCR2 CPP Averaged Received power for all recorded gates
blue: 162011-162954, 10801 profiles averaged
red: 162954-163937, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 162011-162954, 10801 profiles averaged
red: 162954-163937, 10800 profiles averaged

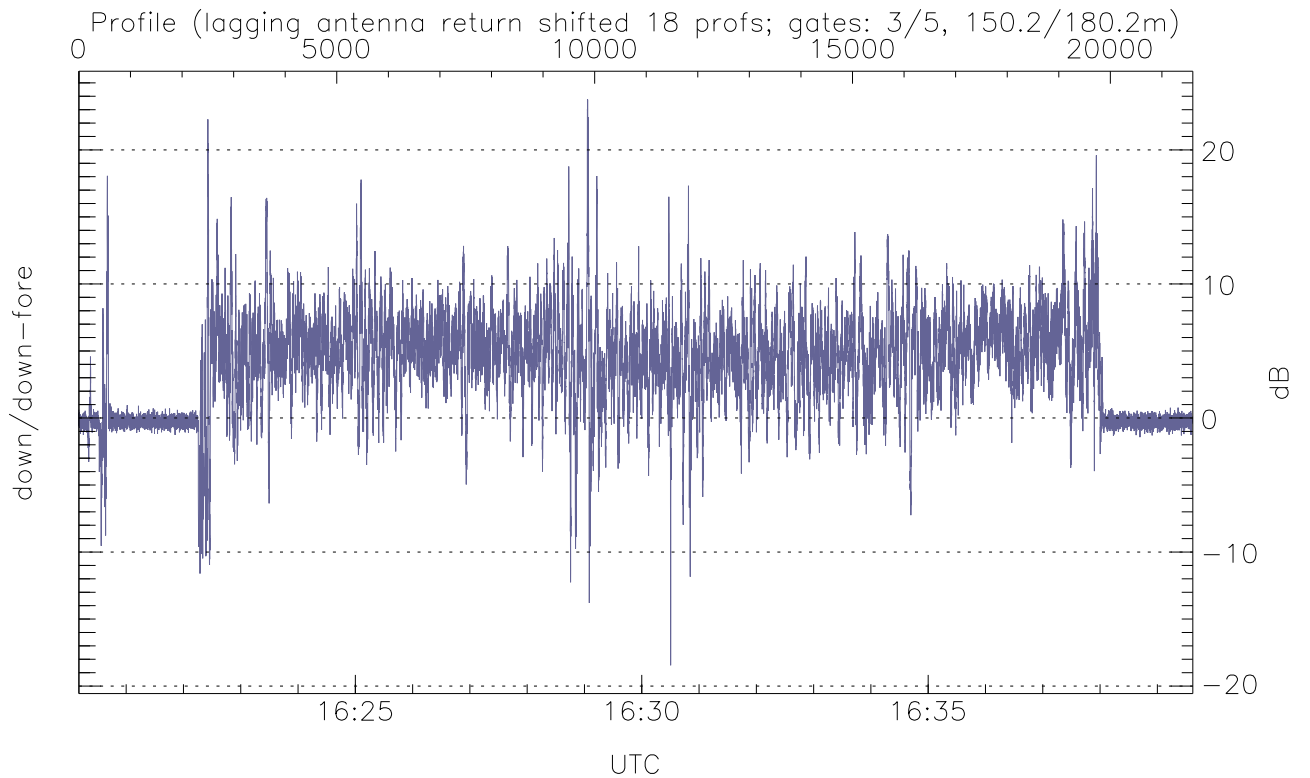
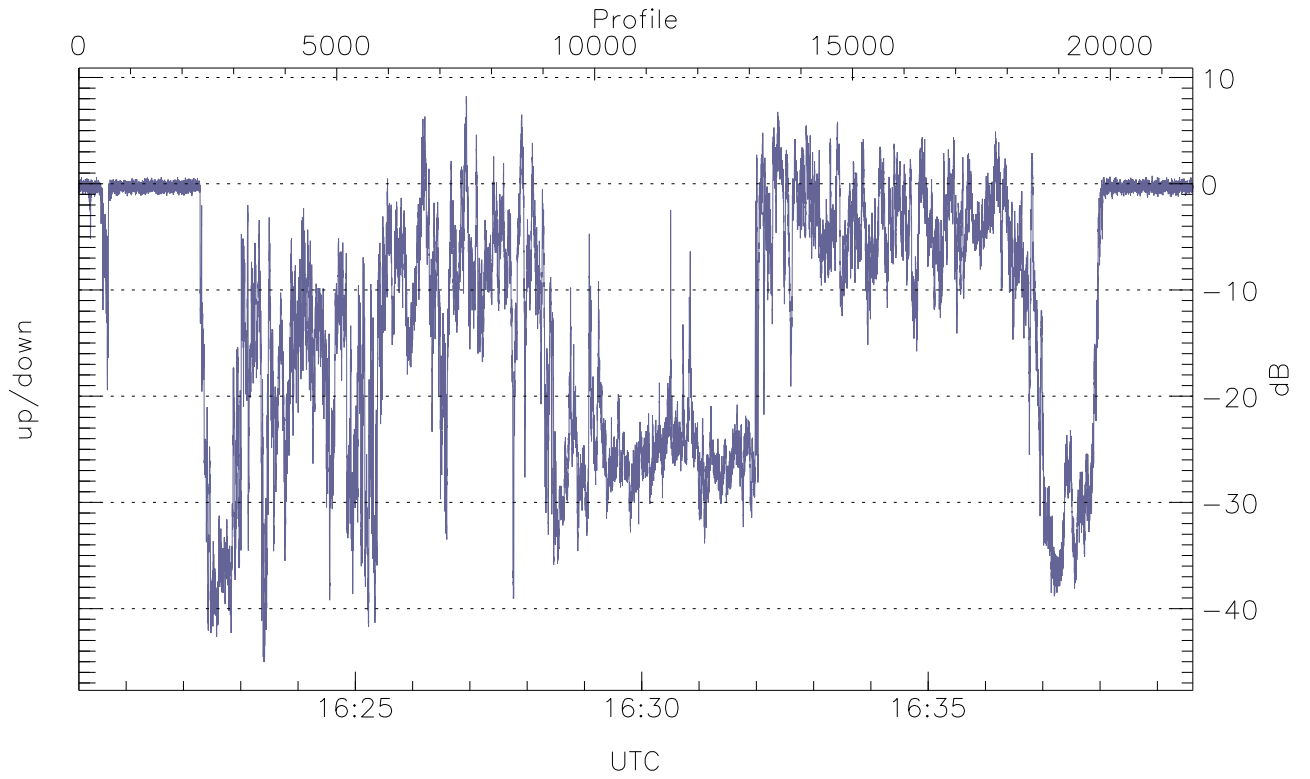


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



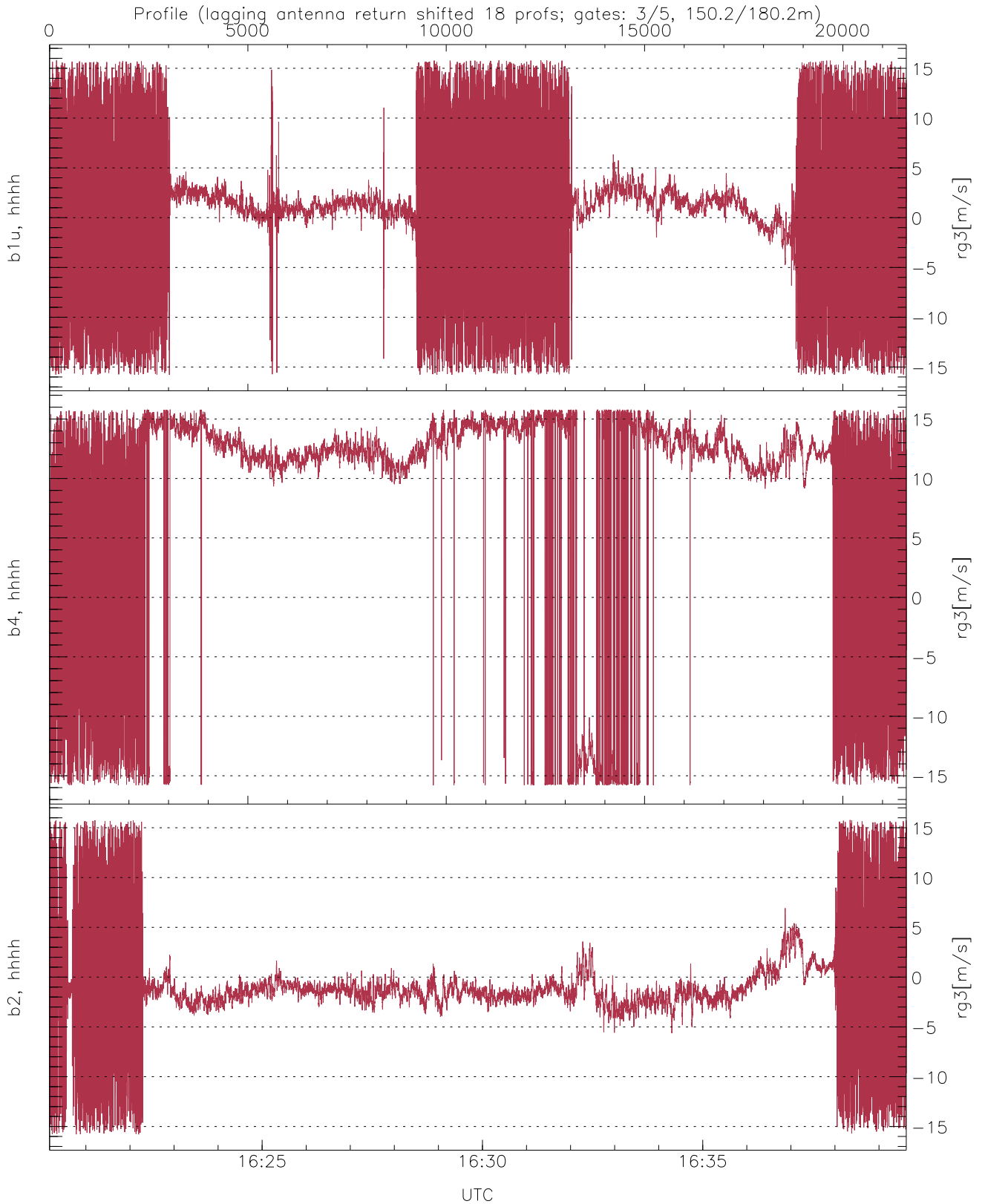
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh [dBm])	-64.59	-17.33	-31.63
down-fore(hh [dBm])	-63.89	-15.59	-29.02
down(hh [dBm])	-64.10	-12.92	-25.16



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

	Min	Max	Mean
up/down (dB)	-45.03	8.23	-12.24
down/down-fore (dB)	-18.45	23.76	3.91



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.79	15.79	0.58	6.15
b4, hhhh(rg3[m/s])	-15.80	15.80	8.65	9.13
b2, hhhh(rg3[m/s])	-15.79	15.78	-1.11	4.01