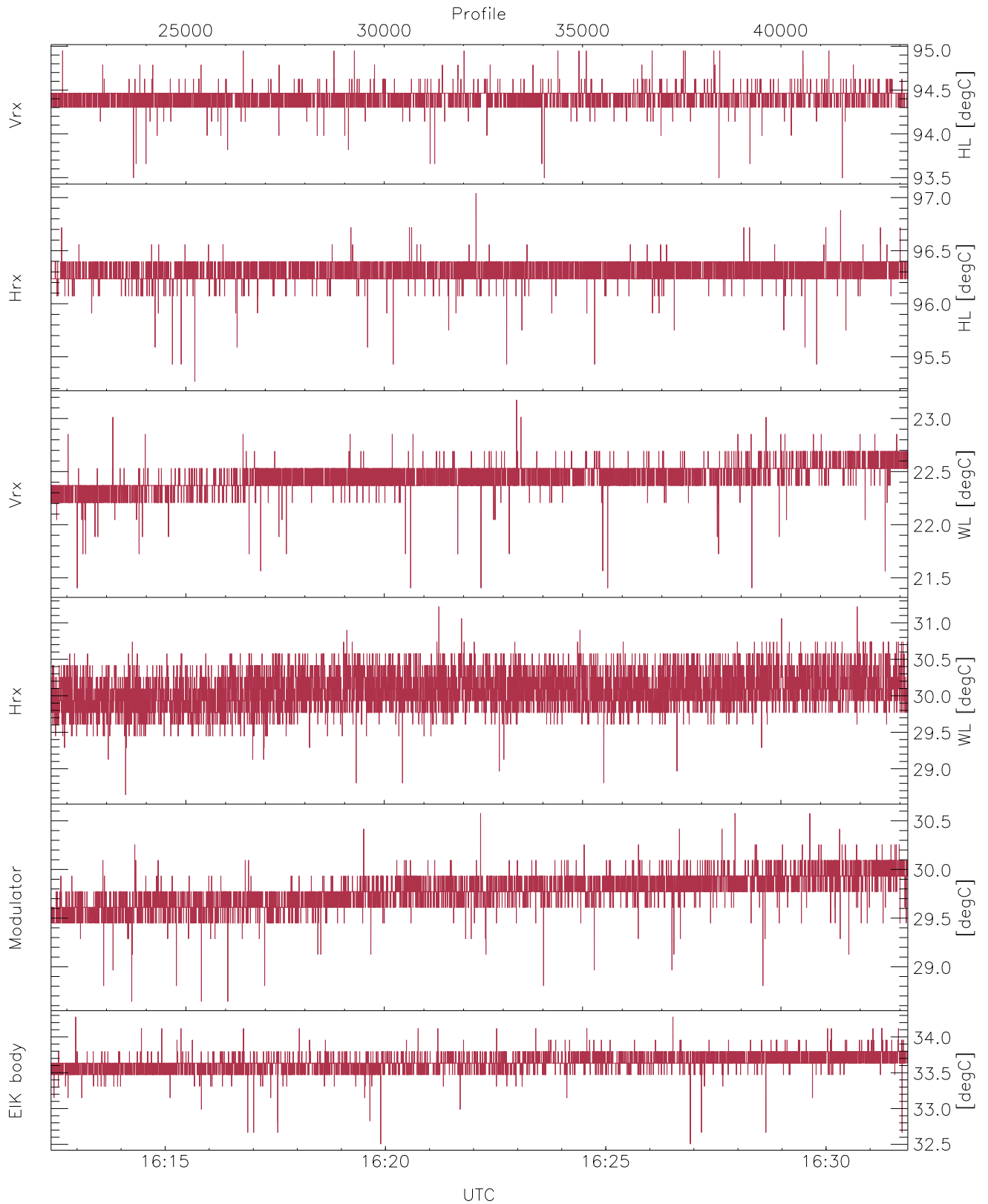


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

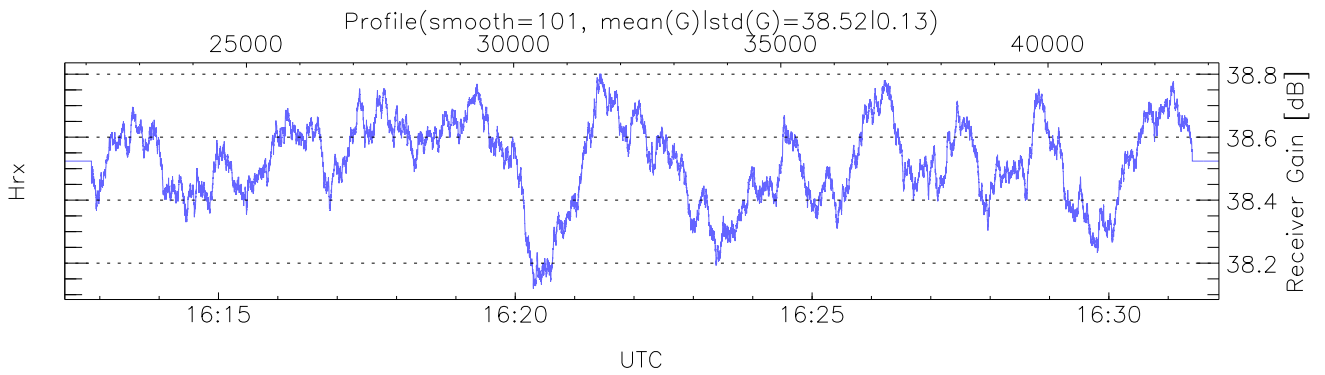
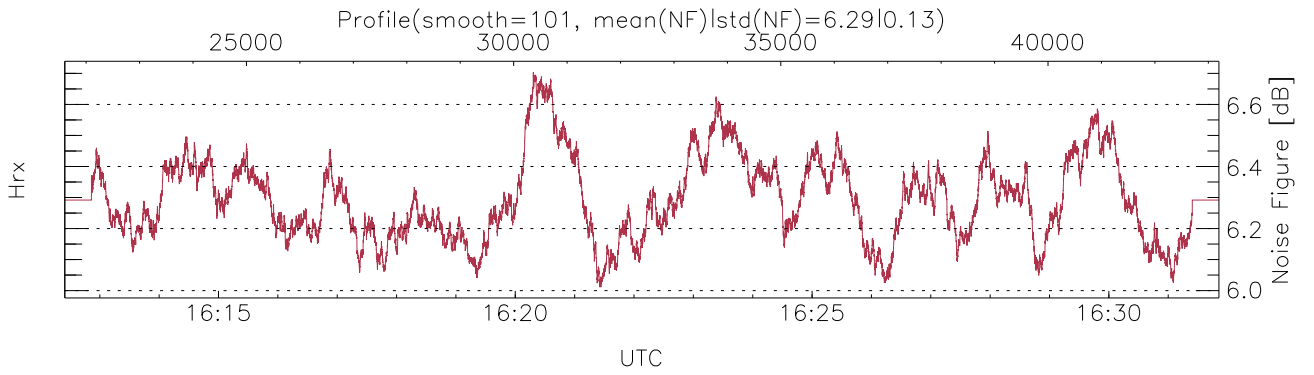
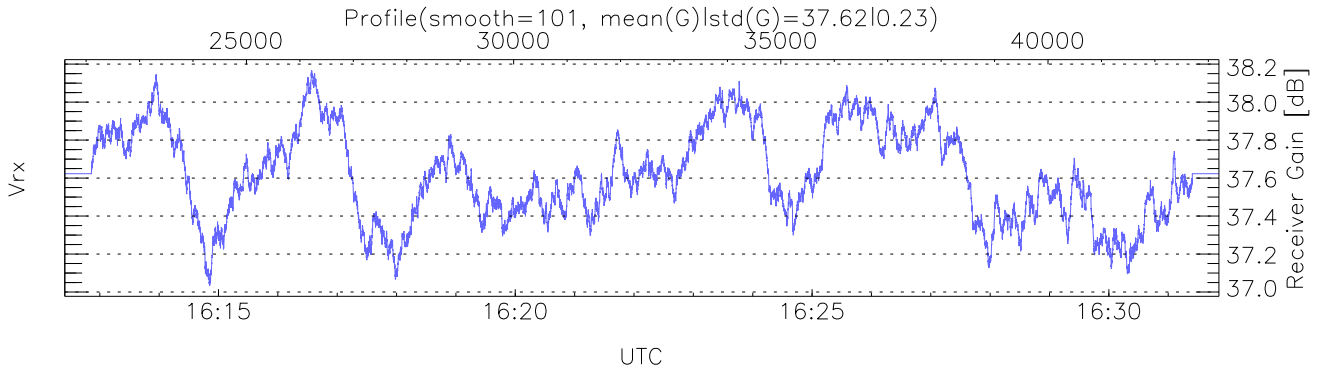
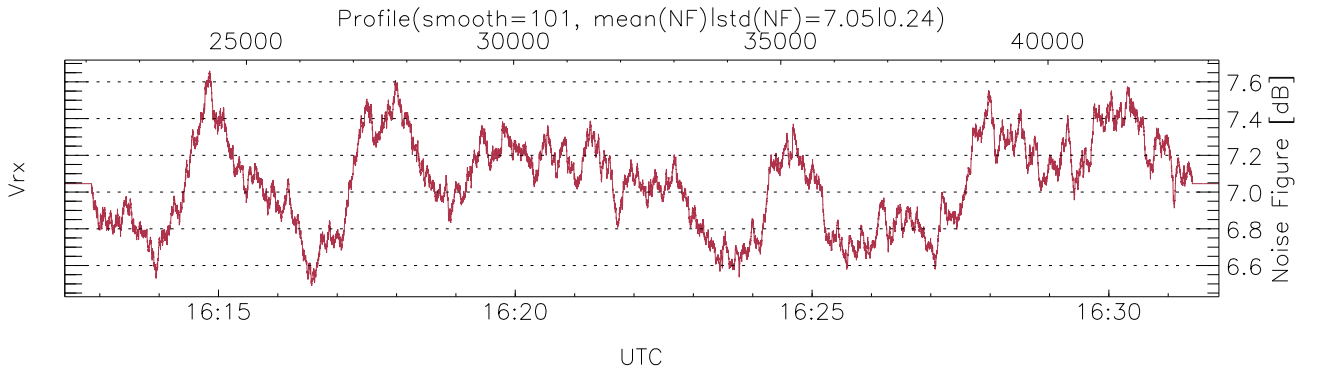
UTC: 15:52:58-16:40:58, Dur: 2880.00s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 21600/53321, 21600-43199/16:12:25-16:31:51
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 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

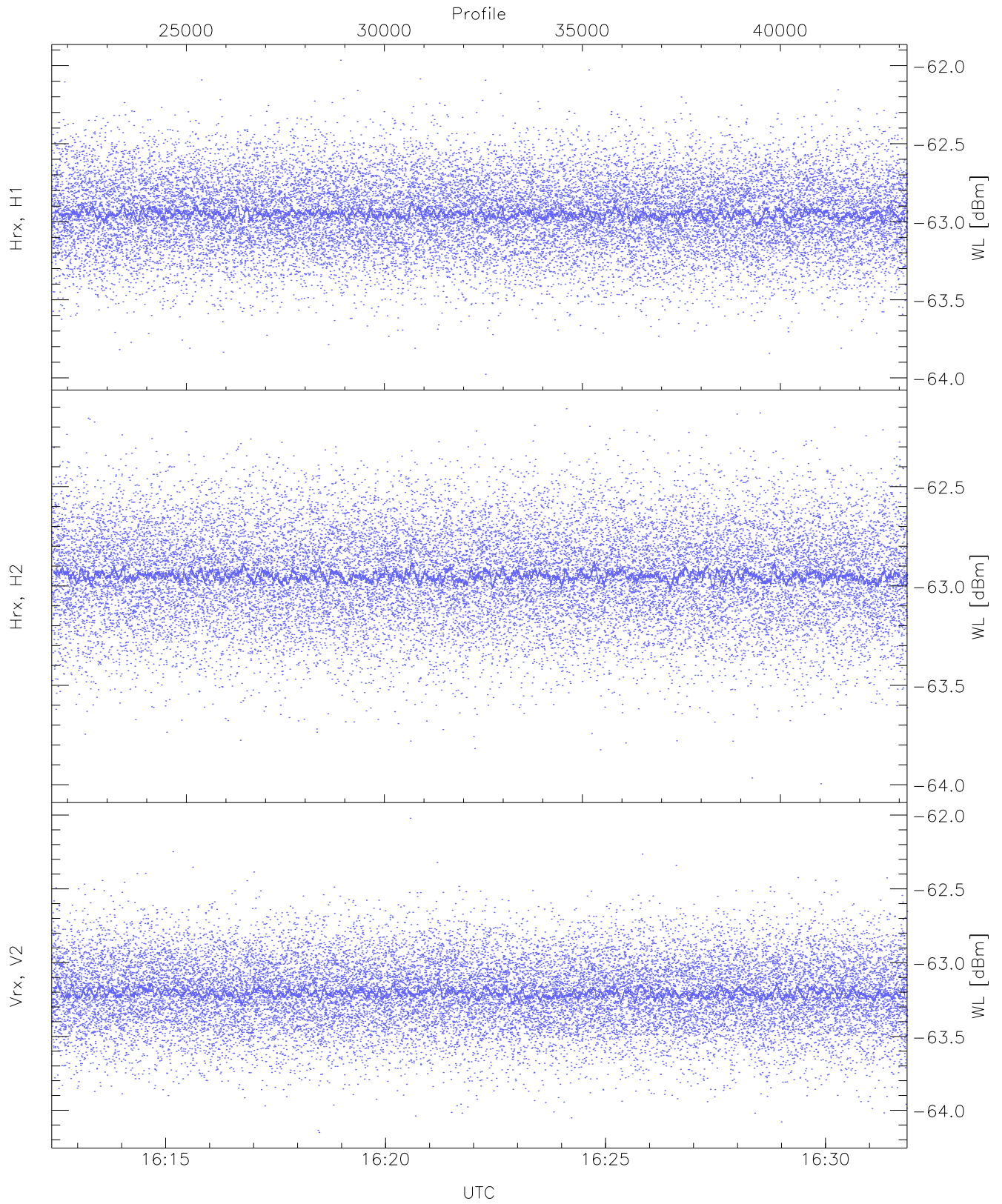
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,21,28,28,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,97,23,31,30,34
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (14,14,23,28,18,25)
    
```



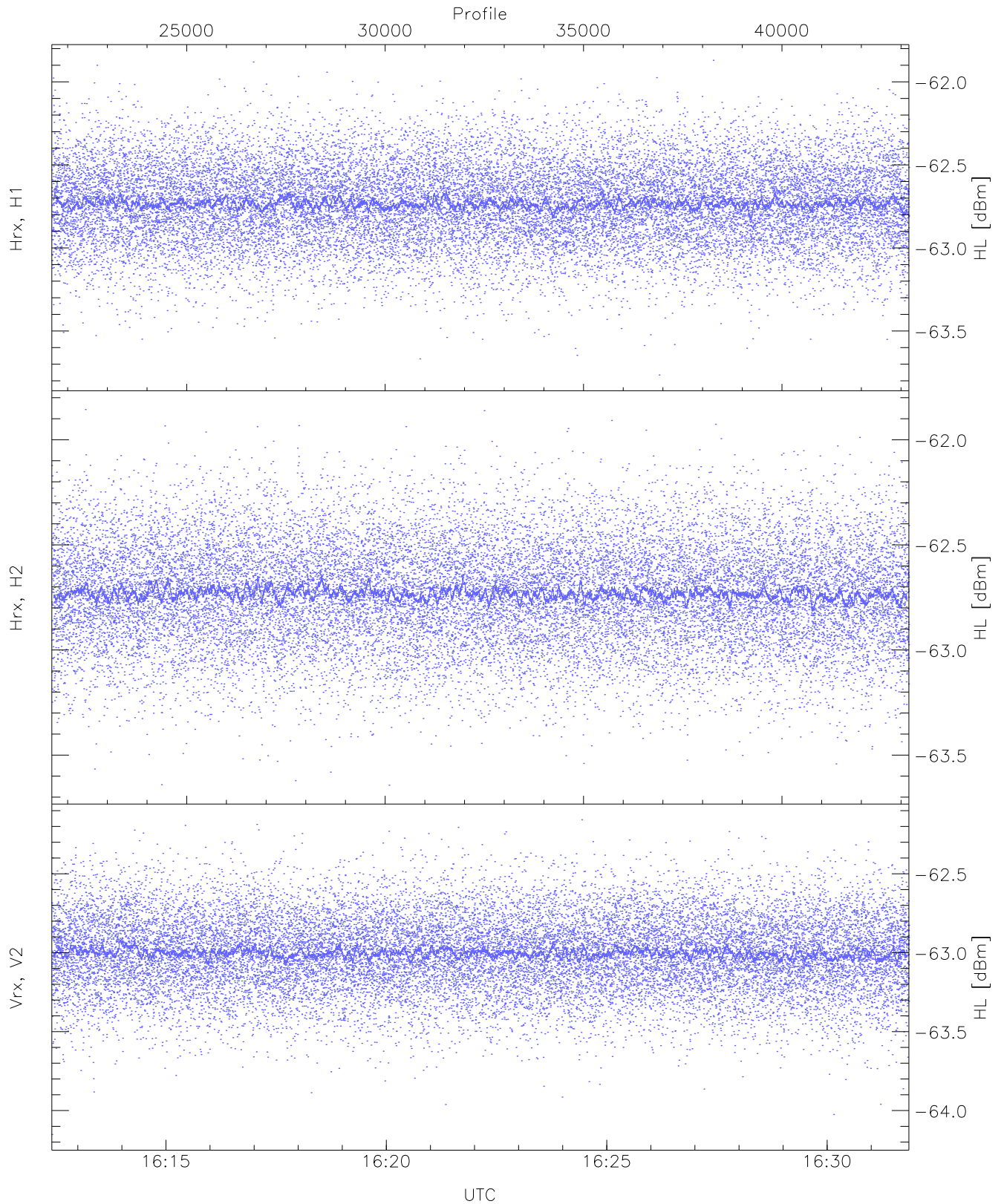
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1658 pixs, 51 gates, 1595 profs, 1 prods



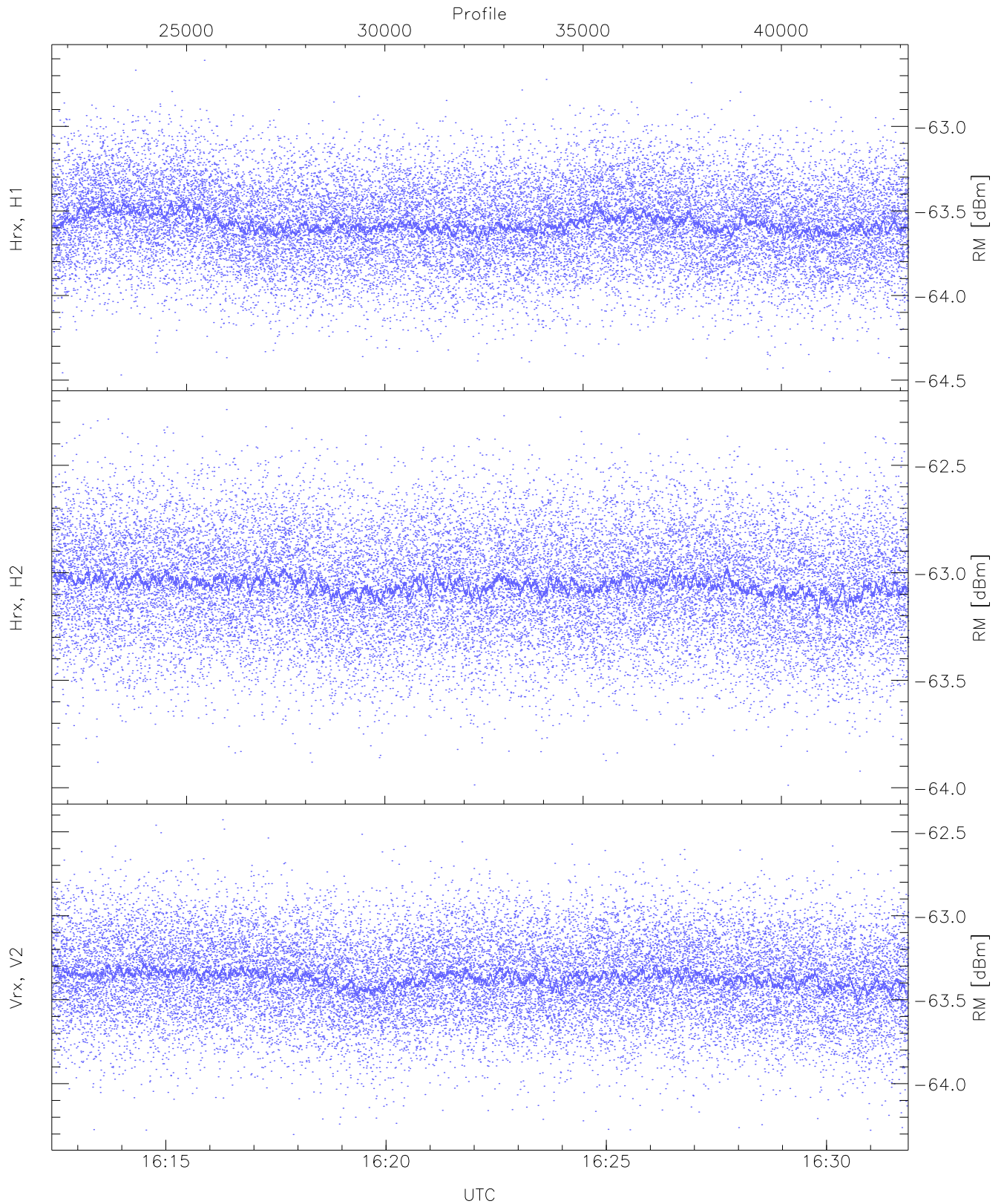
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.98	-61.97	-62.95	-62.95	-75.67
Hrx, H2(WL [dBm])	-64.00	-62.11	-62.94	-62.95	-75.71
Vrx, V2(WL [dBm])	-64.15	-62.02	-63.20	-63.21	-75.89



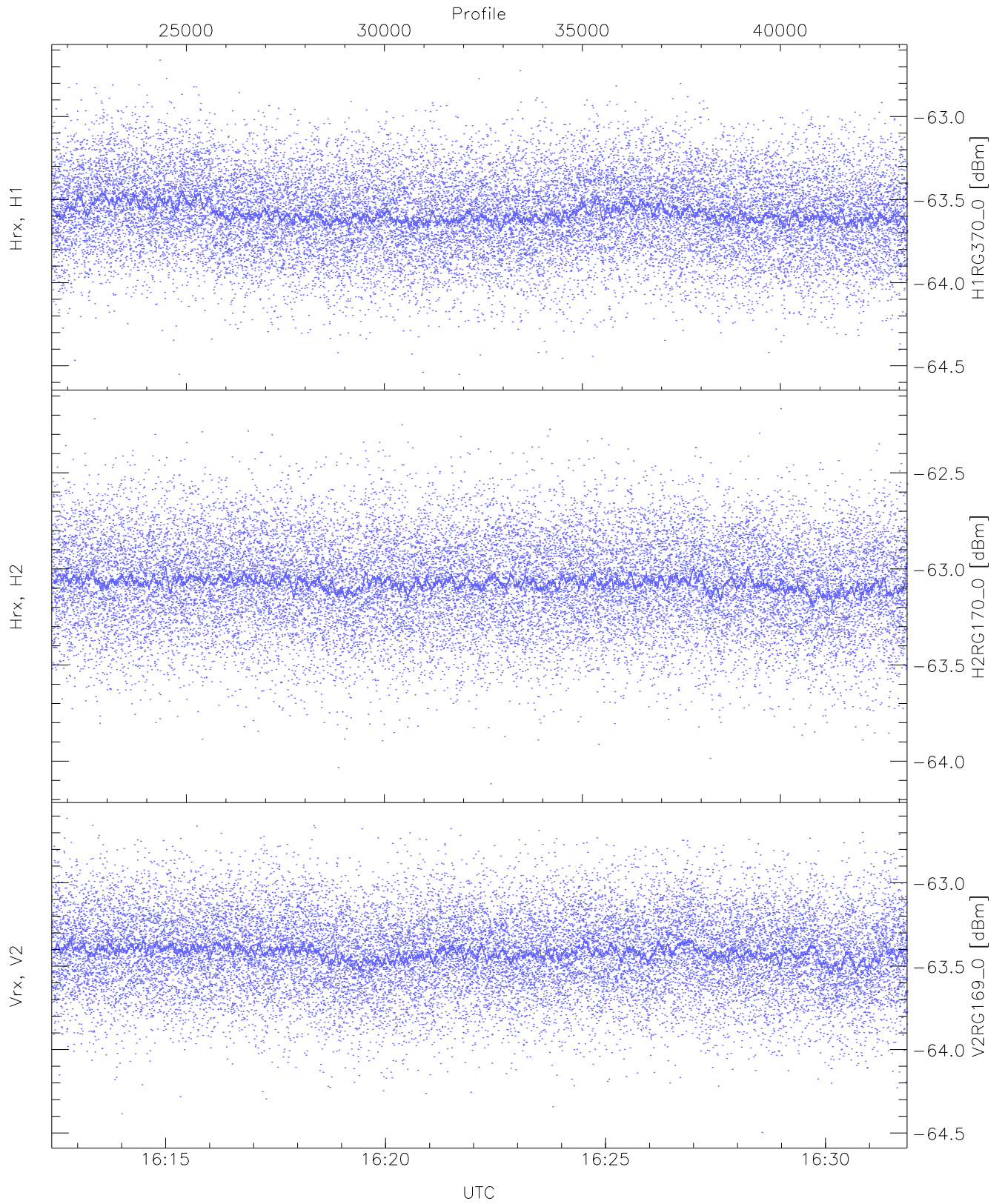
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.76	-61.87	-62.73	-62.73	-75.44
Hrx, H2 (HL [dBm])	-63.64	-61.86	-62.73	-62.73	-75.42
Vrx, V2 (HL [dBm])	-64.15	-62.16	-63.00	-63.00	-75.72



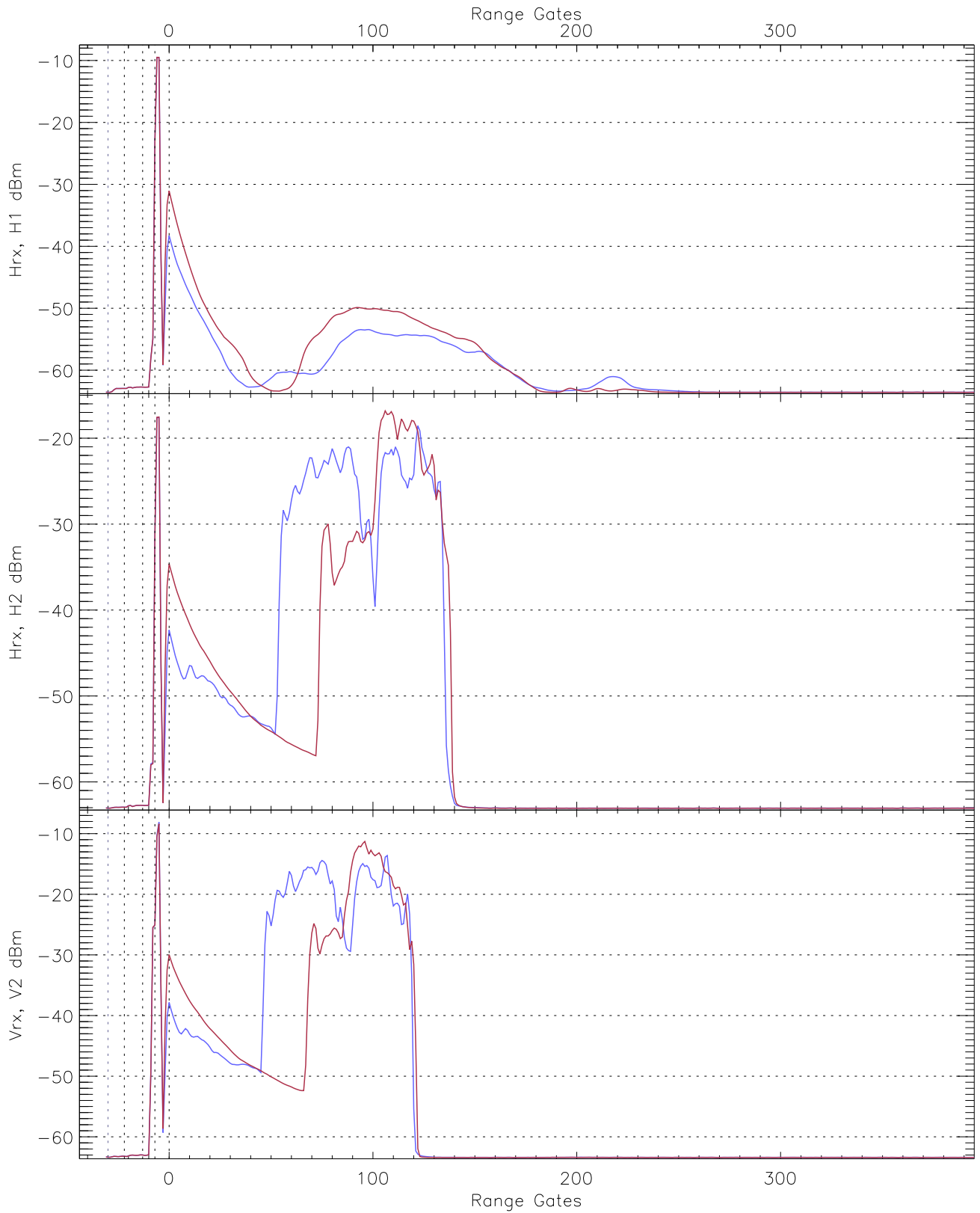
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.47	-62.61	-63.57	-63.57	-76.22
Hrx, H2 (RM [dBm])	-63.99	-62.24	-63.05	-63.06	-75.74
Vrx, V2 (RM [dBm])	-64.30	-62.43	-63.37	-63.37	-75.96

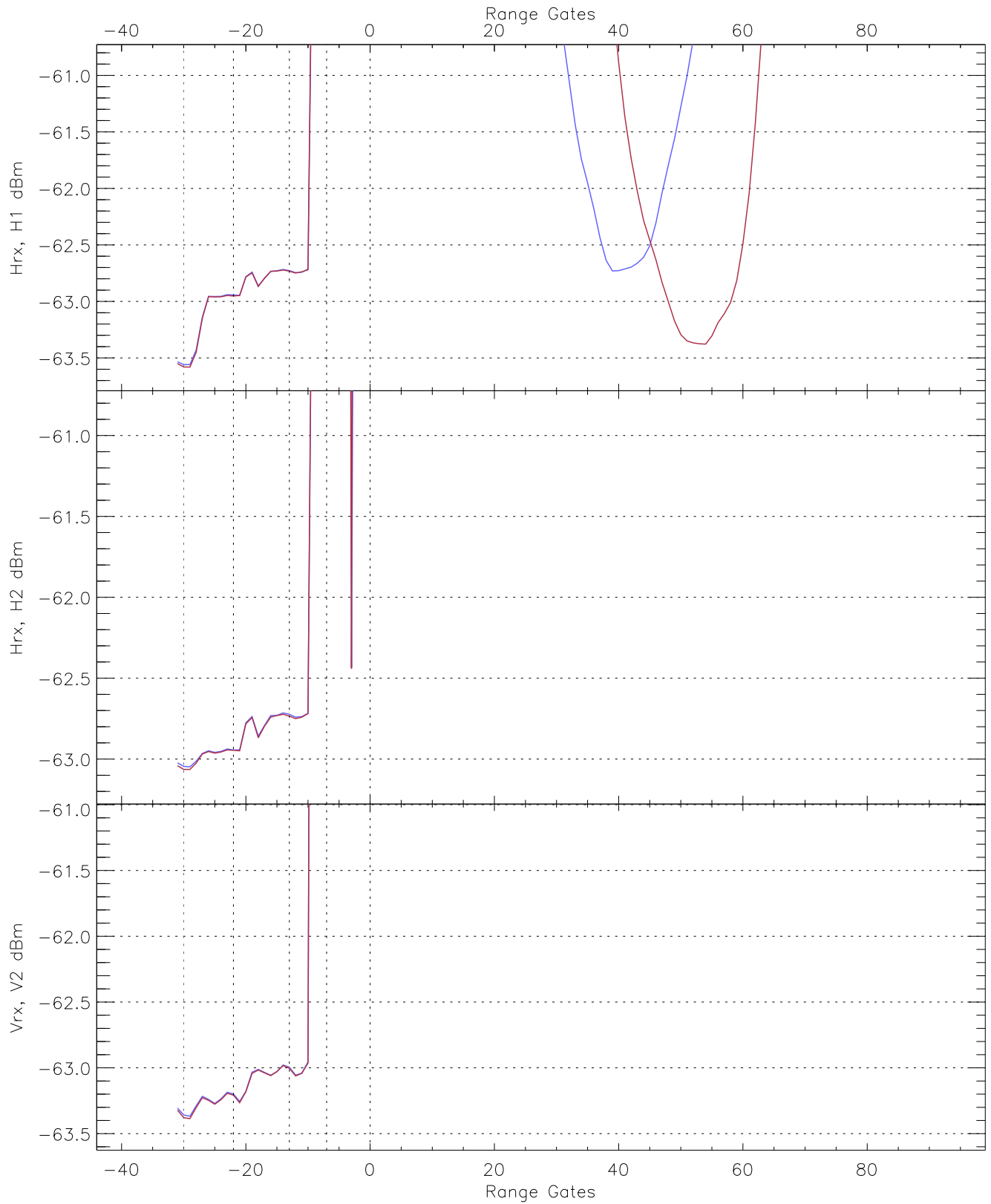


WCR2 CPP "Best" estimate Receivers Noise Power

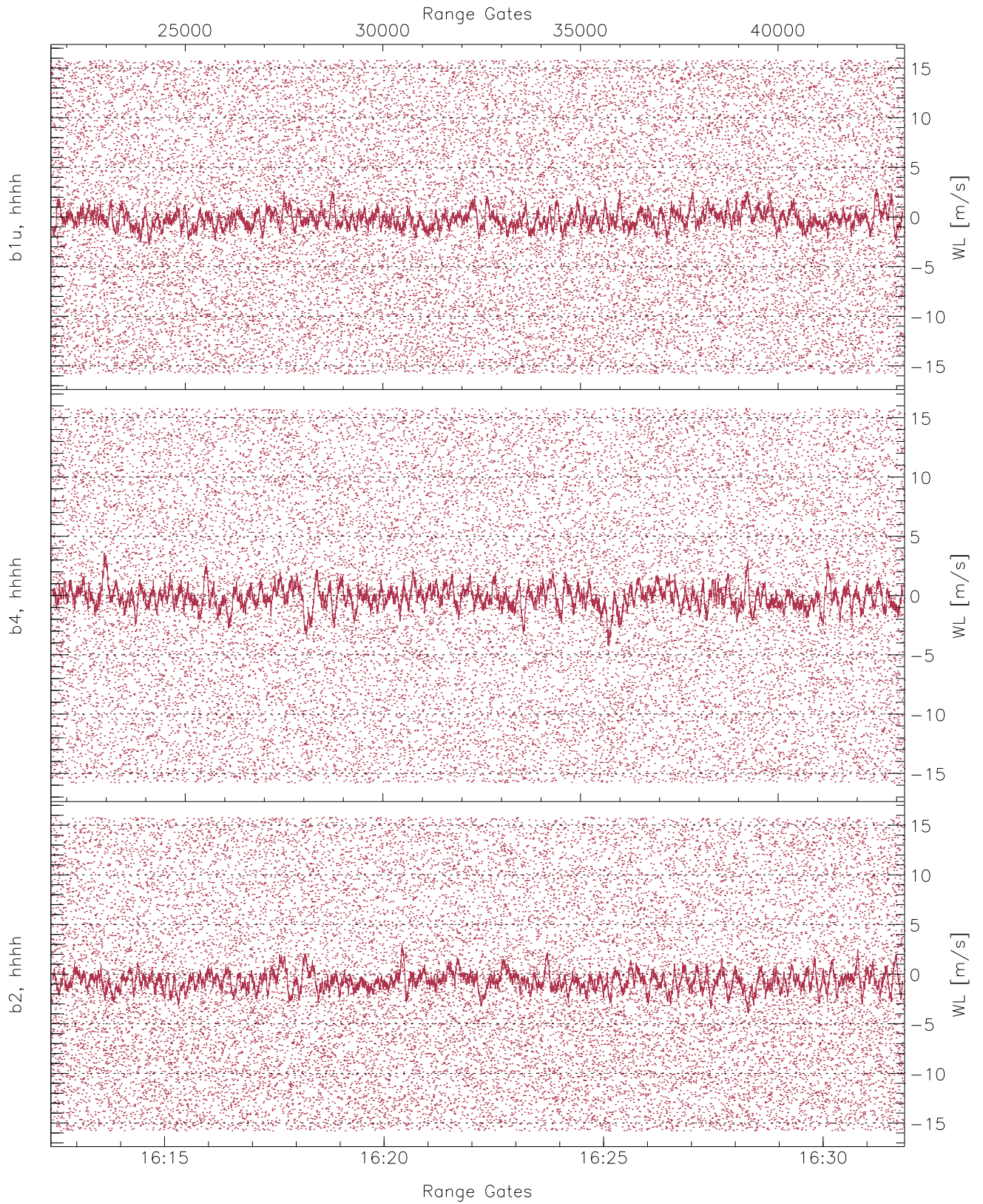
	Min	Max	Mean	Median	StDev
H1RG370_0 [dBm]	-64.55	-62.66	-63.58	-63.58	-76.19
H2RG170_0 [dBm]	-64.12	-62.17	-63.07	-63.07	-75.74
V2RG169_0 [dBm]	-64.50	-62.61	-63.42	-63.42	-76.08



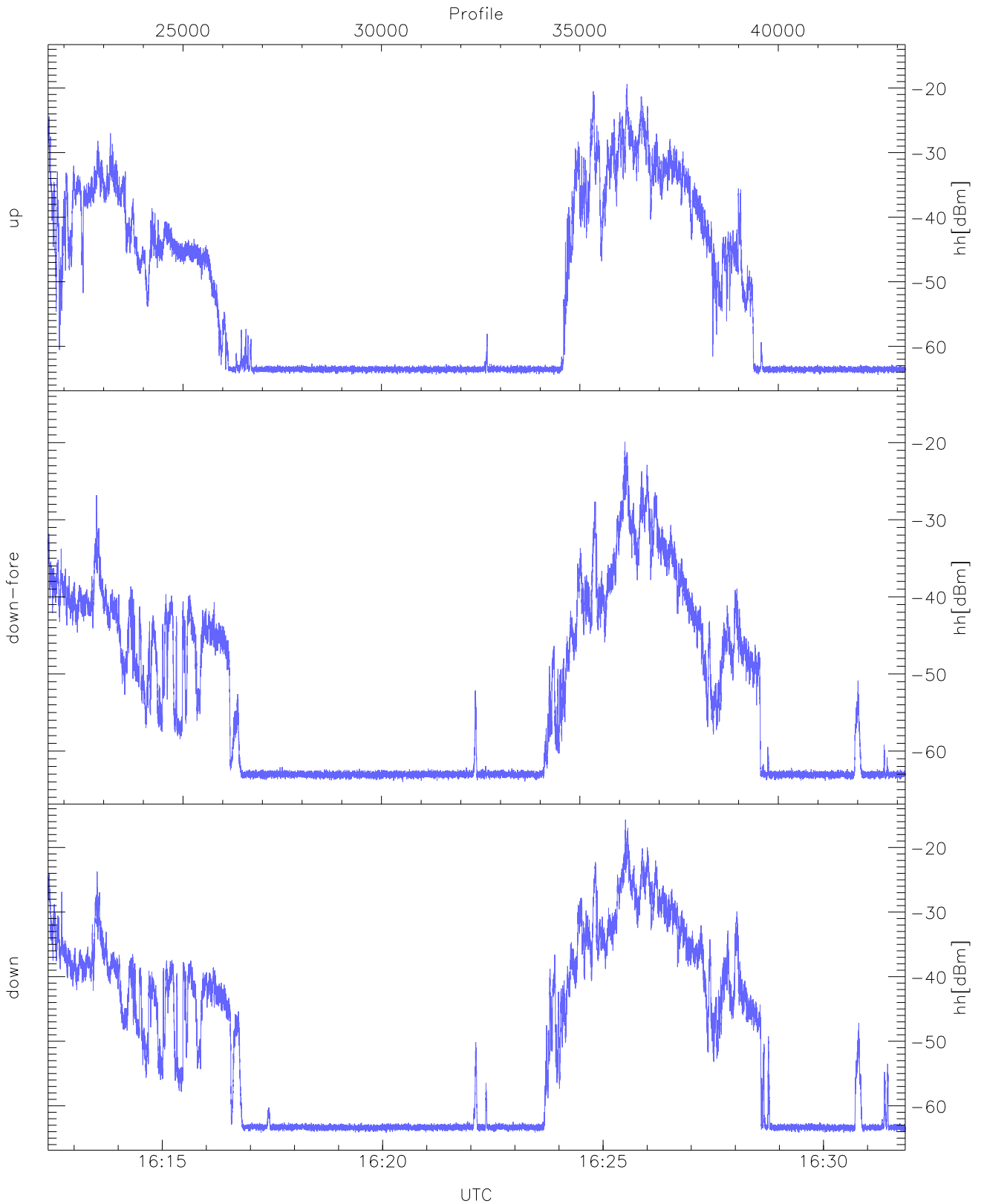
WCR2 CPP Averaged Received power for all recorded gates
blue: 161225-162208, 10801 profiles averaged
red: 162208-163151, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 161225-162208, 10801 profiles averaged
red: 162208-163151, 10800 profiles averaged

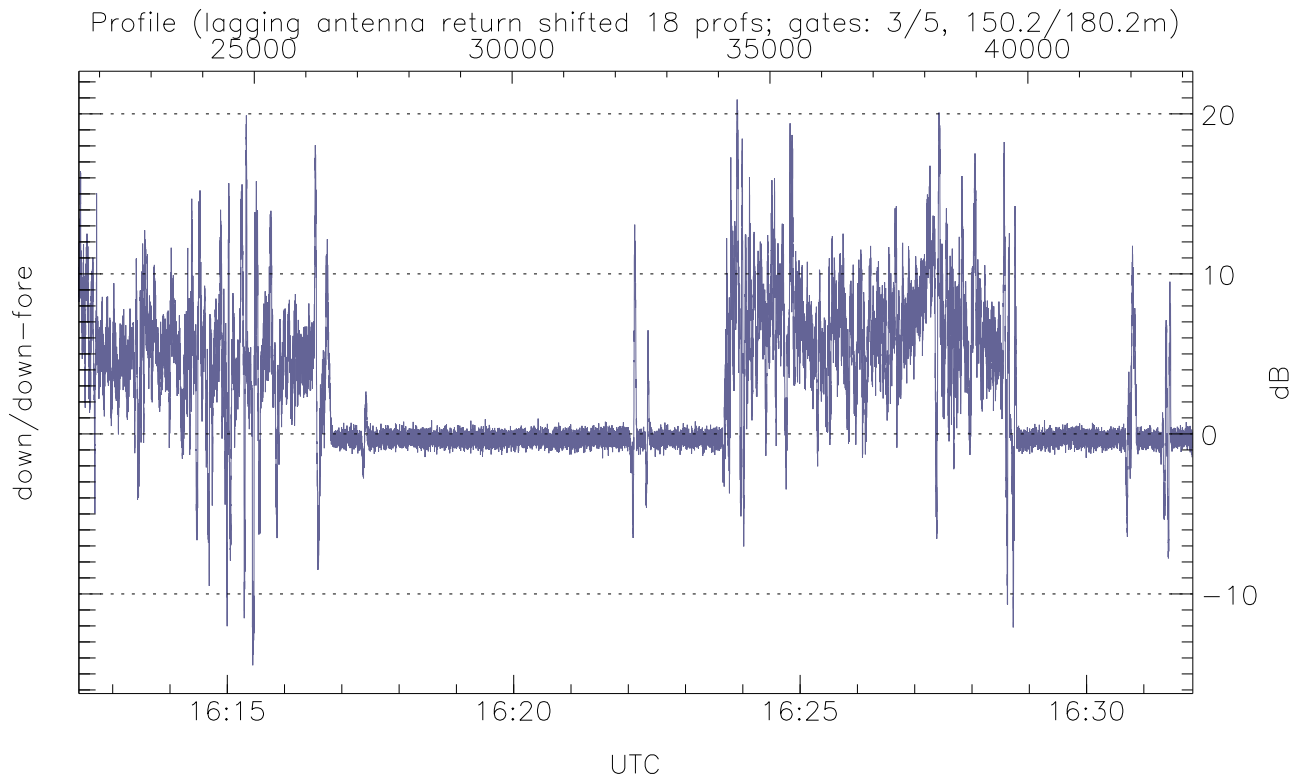
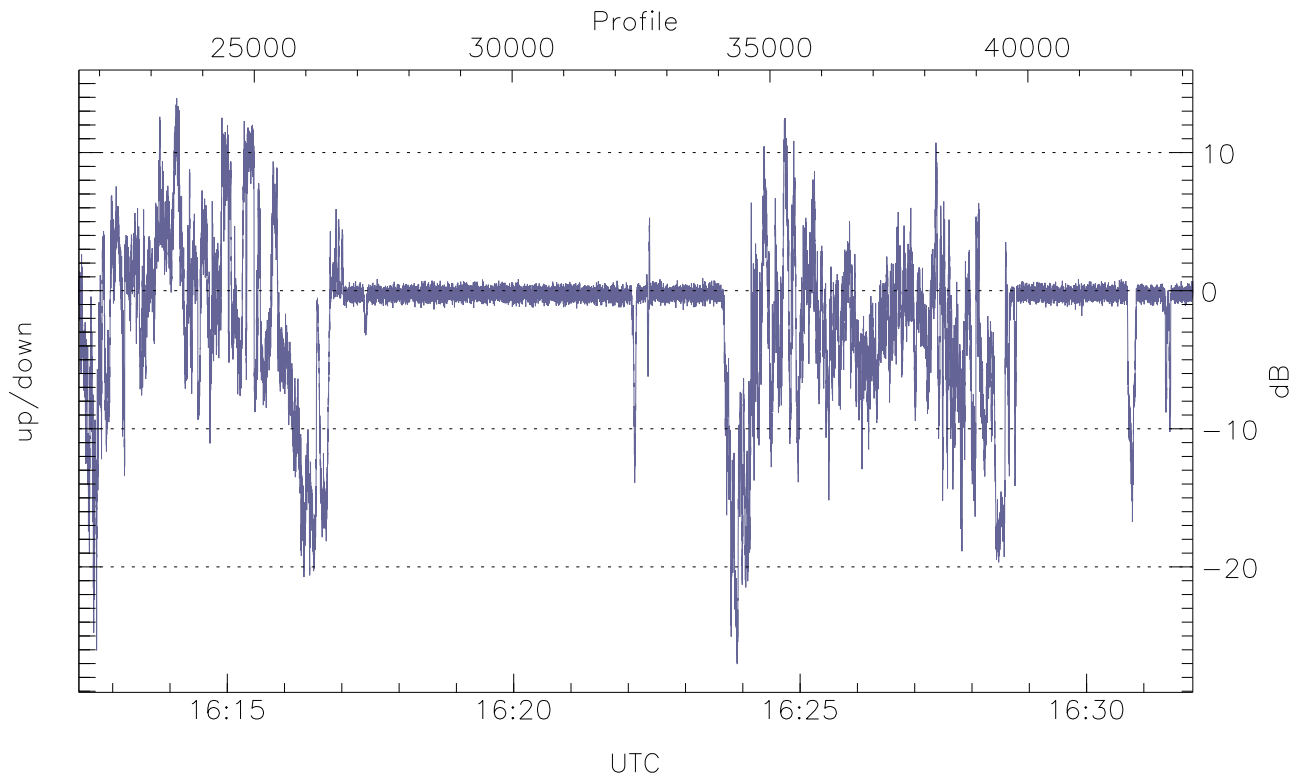


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



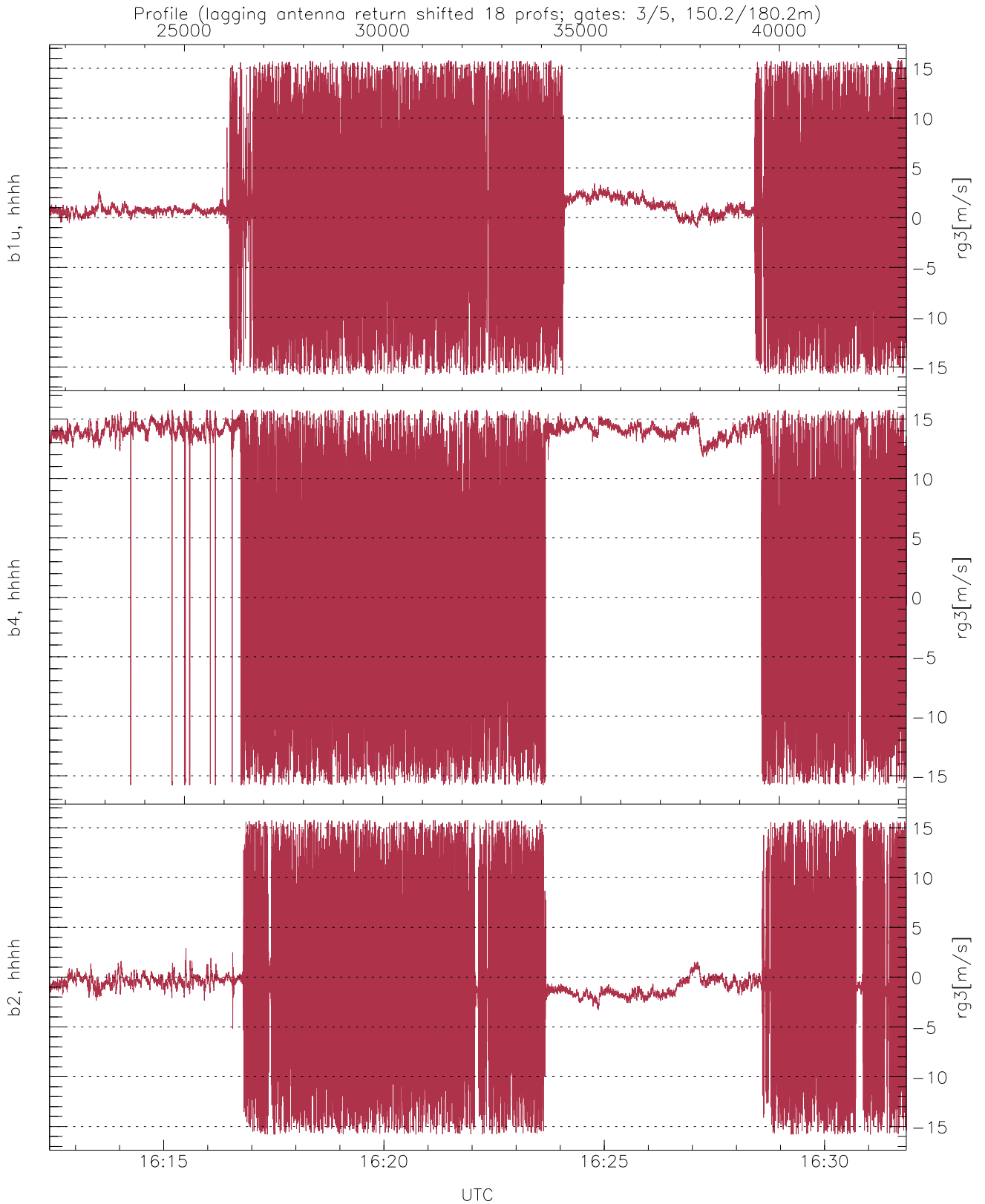
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.43	-19.39	-37.35
down-fore(hh[dBm])	-63.99	-19.90	-39.60
down(hh[dBm])	-64.18	-15.71	-35.24



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

	Min	Max	Mean
up/down (dB)	-27.03	13.93	-1.81
down/down-fore (dB)	-14.46	20.90	2.63



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.79	15.80	0.27	6.71
b4, hhhh(rg3[m/s])	-15.80	15.80	6.72	9.74
b2, hhhh(rg3[m/s])	-15.80	15.80	-0.63	6.28