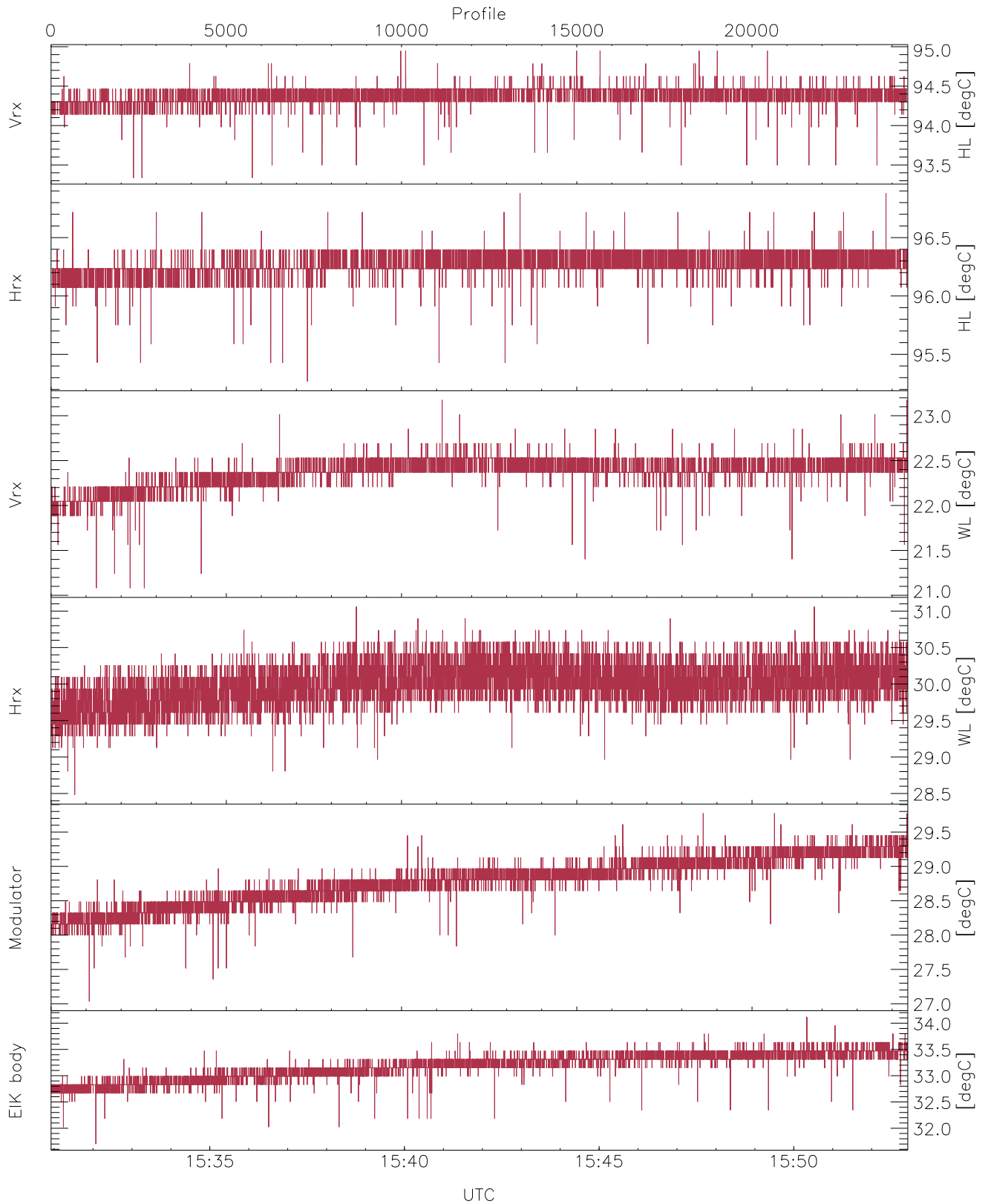


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

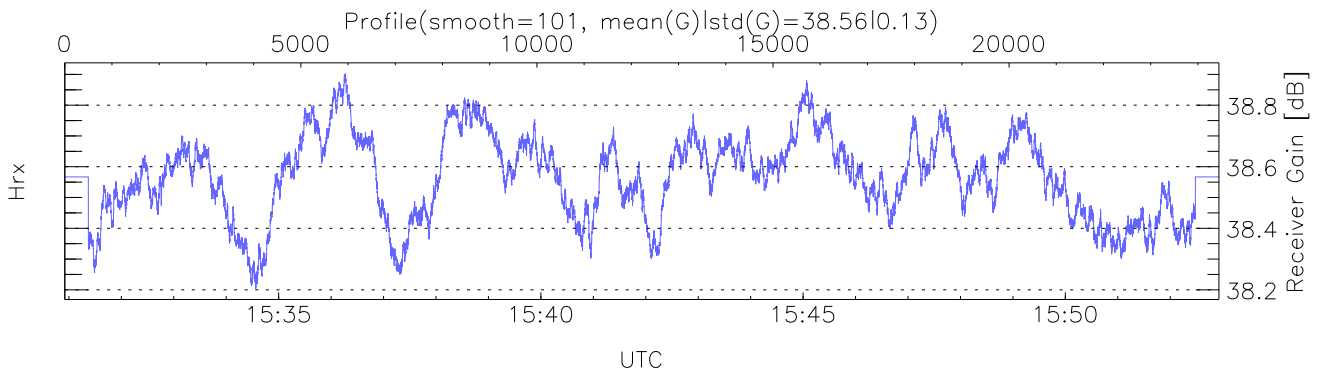
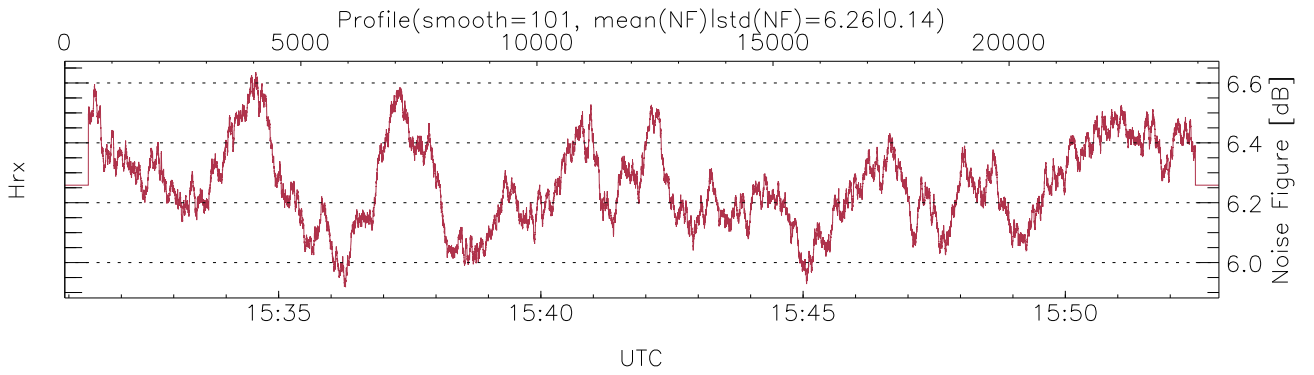
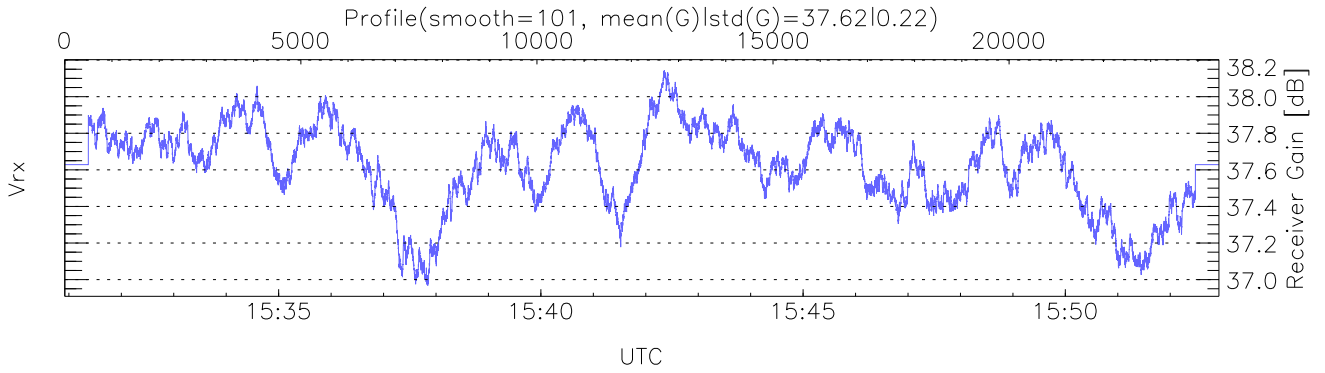
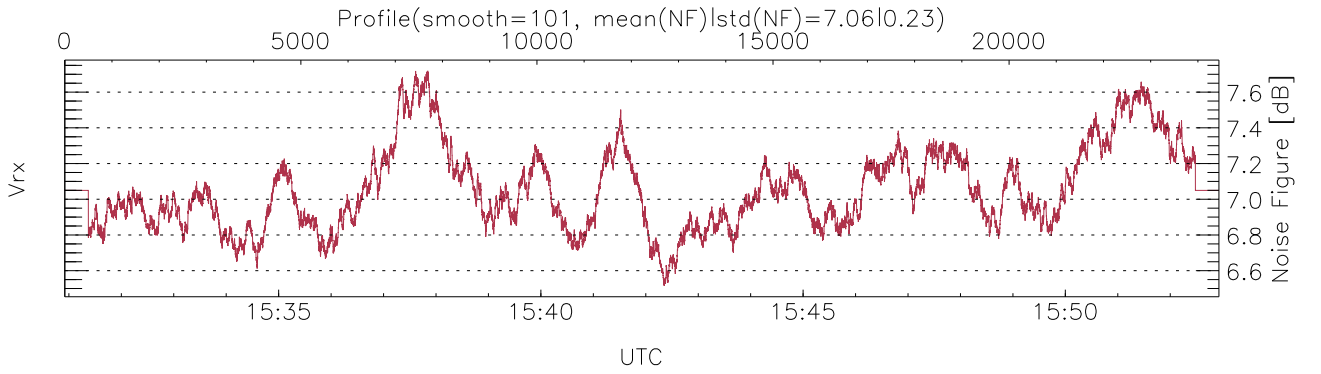
UTC: 15:30:55-15:52:56, Dur: 1320.41s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 24447/24447, 0-24446/15:30:55-15:52:56
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

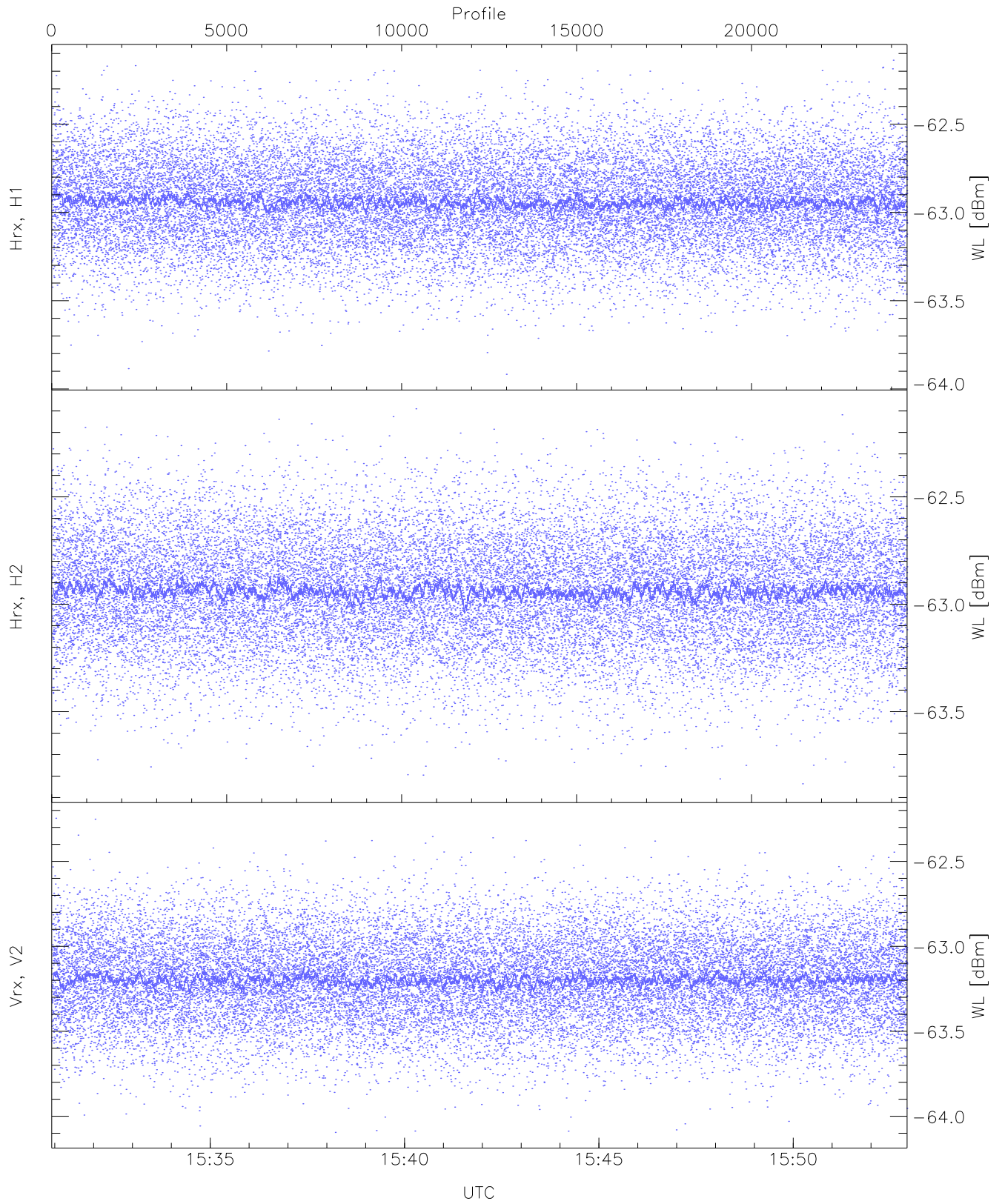
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,21,28,27,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,23,31,29,34
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (14,14,19,19,14,15)
    
```



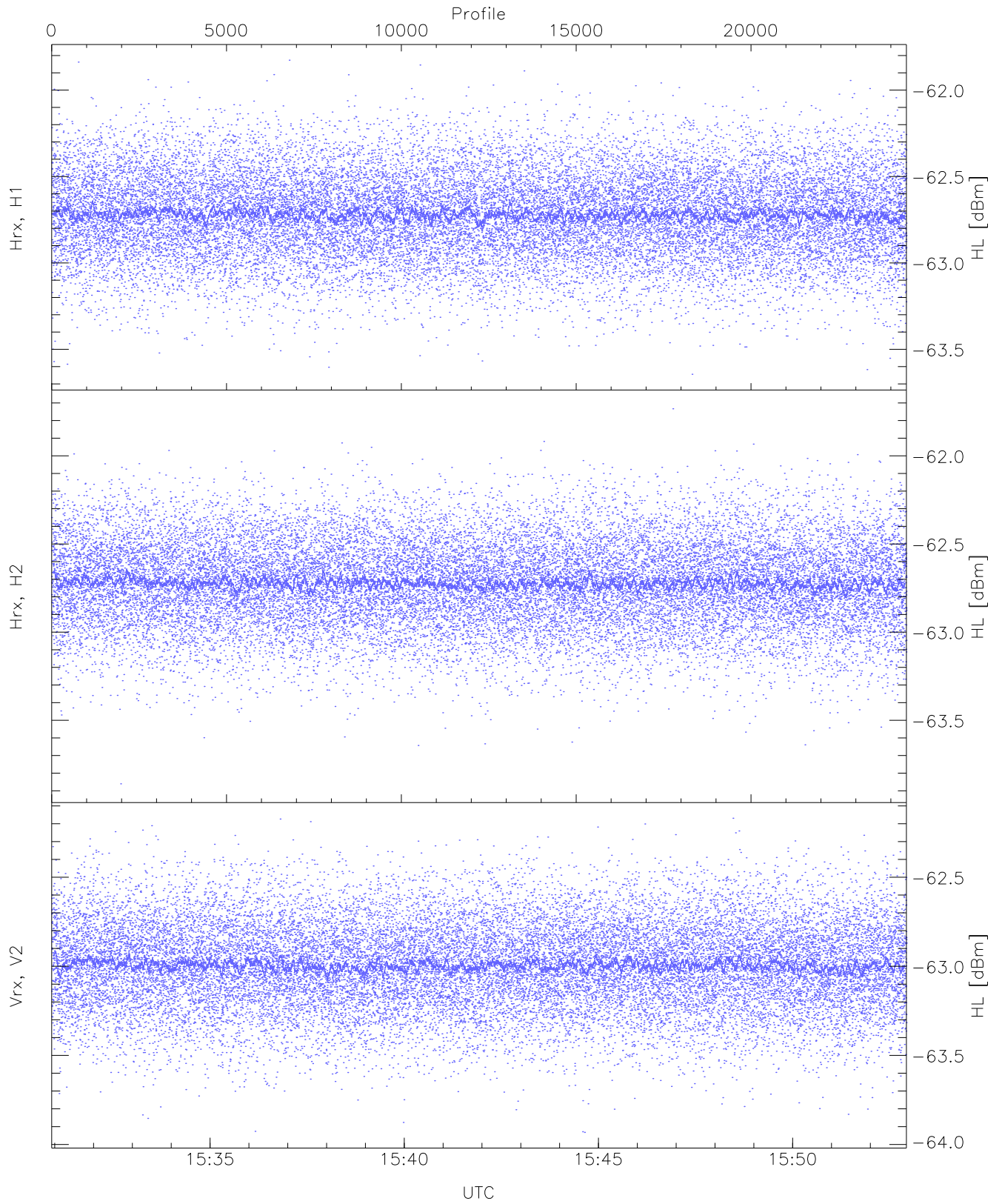
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 694 pixs, 52 gates, 661 profs, 2 prods



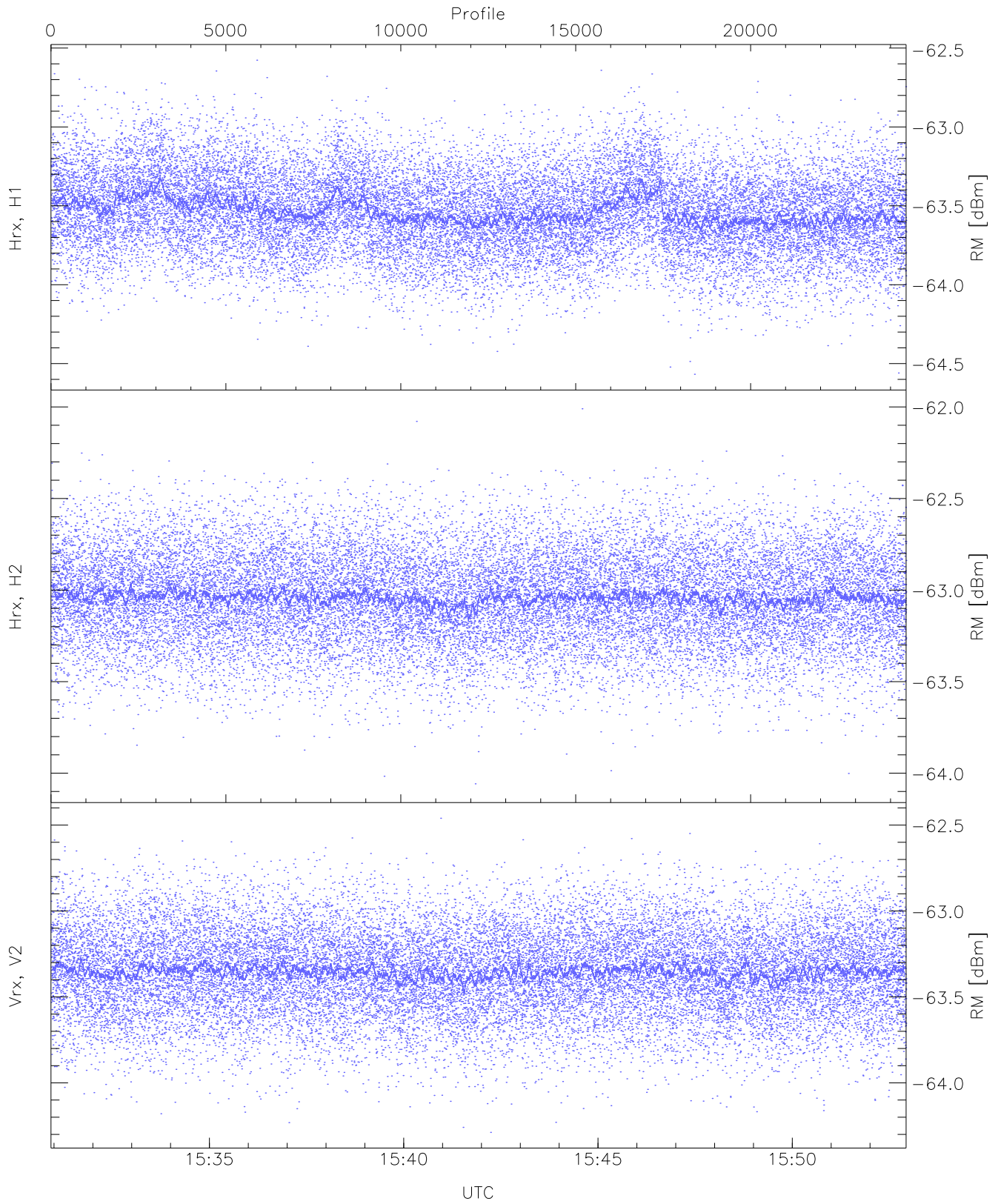
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.92	-62.14	-62.94	-62.94	-75.67
Hrx, H2(WL [dBm])	-63.84	-62.09	-62.94	-62.94	-75.63
Vrx, V2(WL [dBm])	-64.09	-62.25	-63.20	-63.20	-75.88



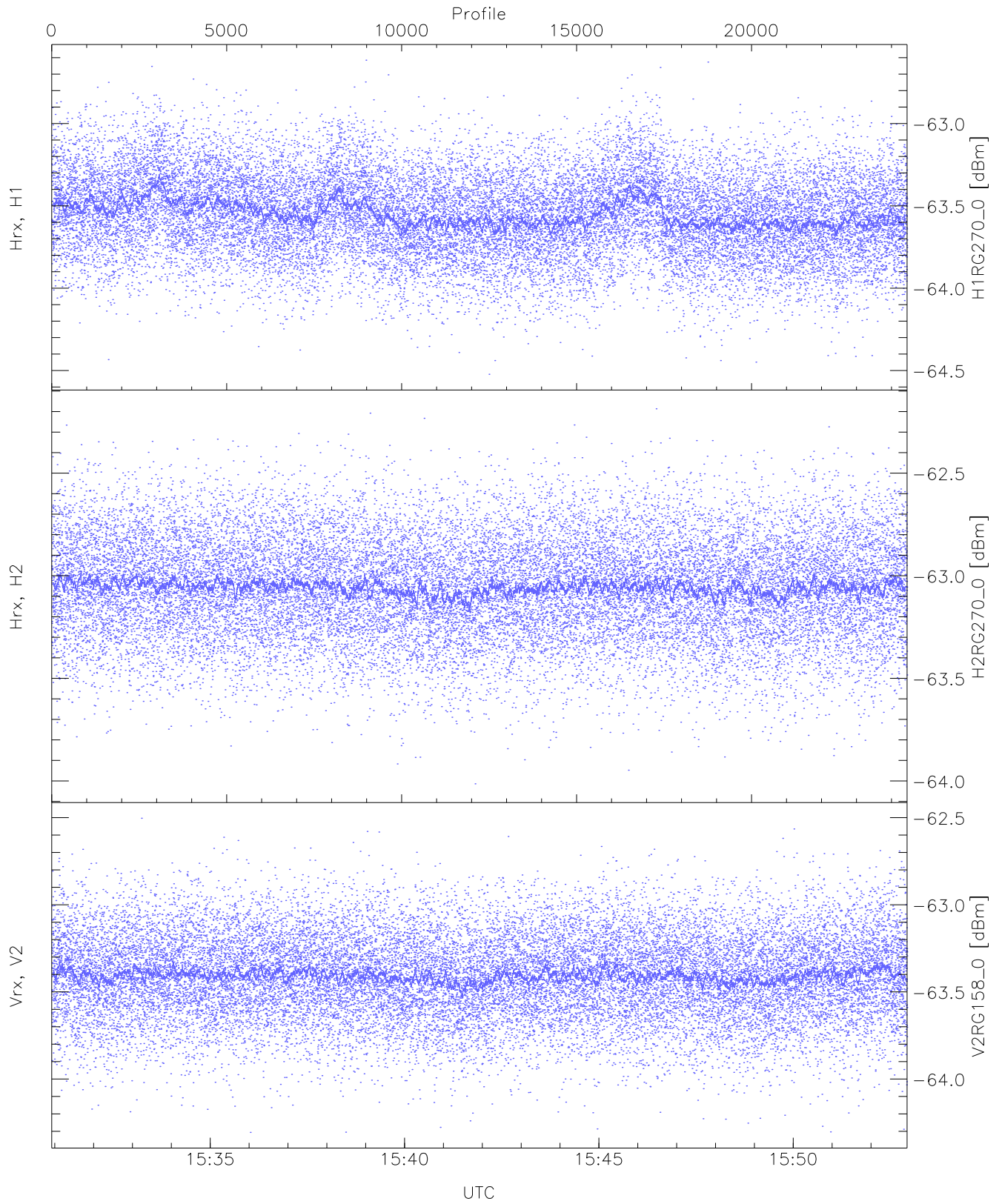
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.64	-61.83	-62.72	-62.72	-75.41
Hrx, H2 (HL [dBm])	-63.86	-61.73	-62.72	-62.72	-75.45
Vrx, V2 (HL [dBm])	-63.93	-62.17	-62.99	-63.00	-75.72



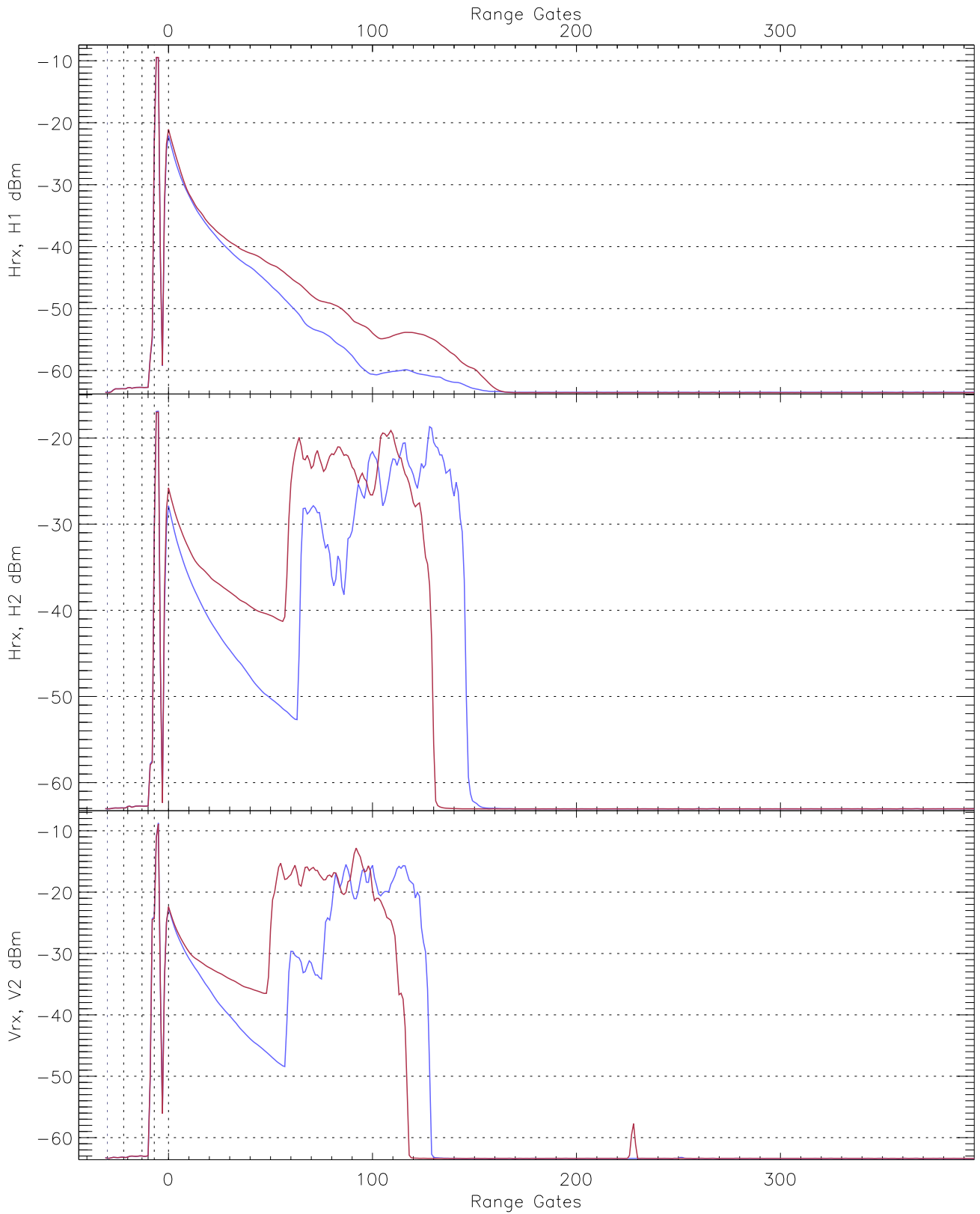
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.57	-62.58	-63.53	-63.54	-76.08
Hrx, H2 (RM [dBm])	-64.06	-62.01	-63.04	-63.04	-75.72
Vrx, V2 (RM [dBm])	-64.29	-62.46	-63.35	-63.35	-76.00

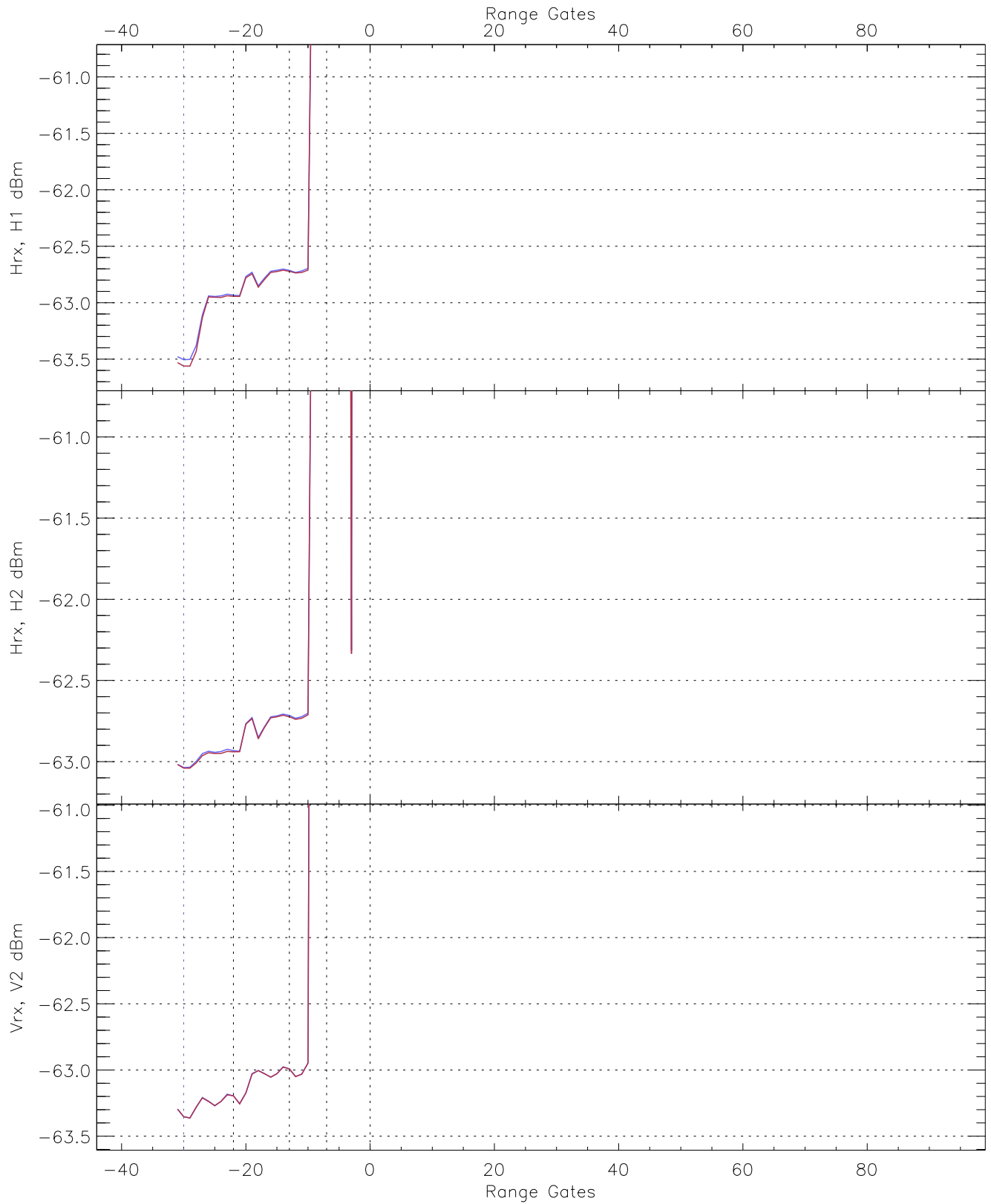


WCR2 CPP "Best" estimate Receivers Noise Power

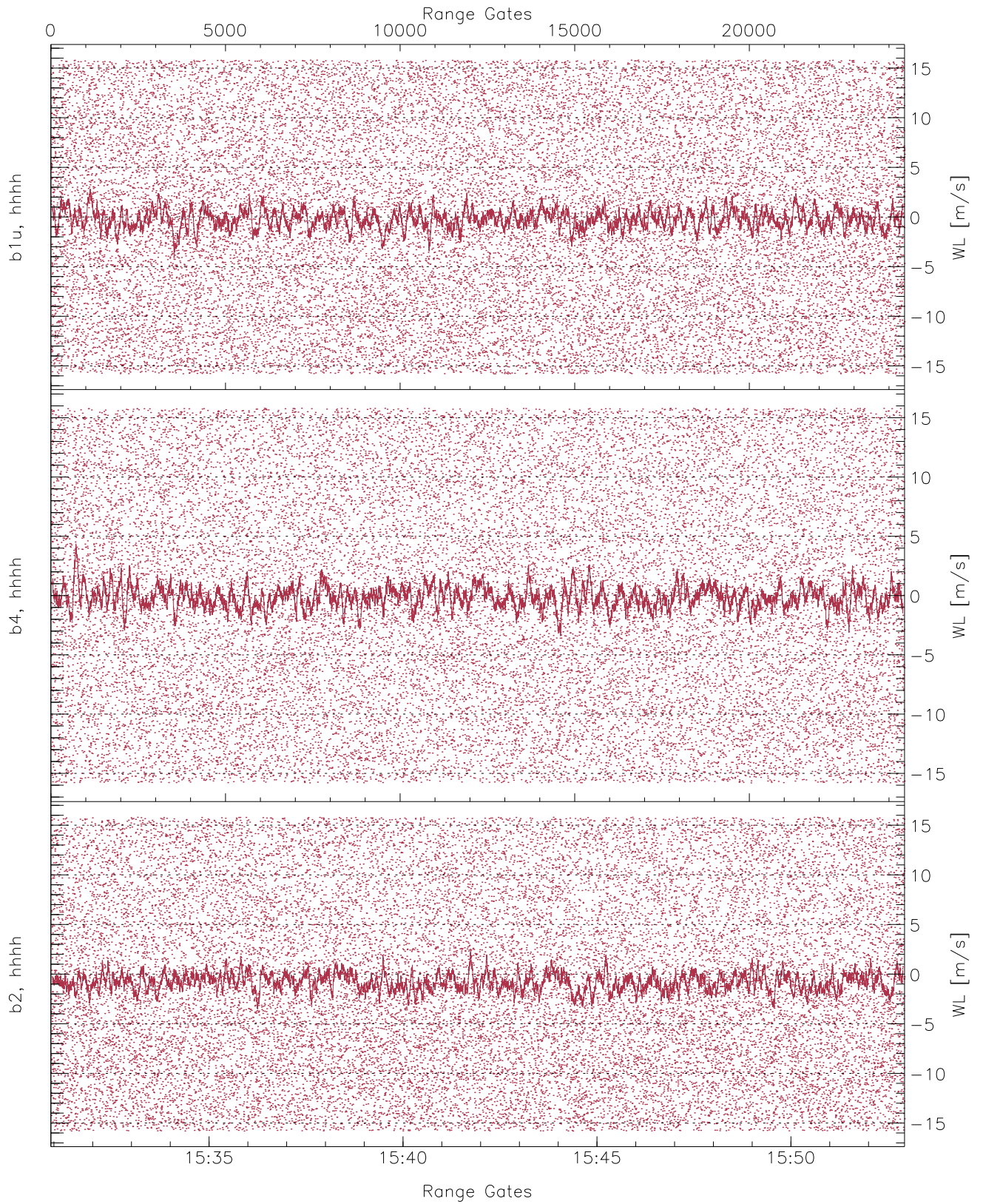
	Min	Max	Mean	Median	StDev
H1RG270_0 [dBm]	-64.52	-62.62	-63.55	-63.55	-76.10
H2RG270_0 [dBm]	-64.01	-62.19	-63.05	-63.06	-75.73
V2RG158_0 [dBm]	-64.31	-62.50	-63.40	-63.41	-76.13



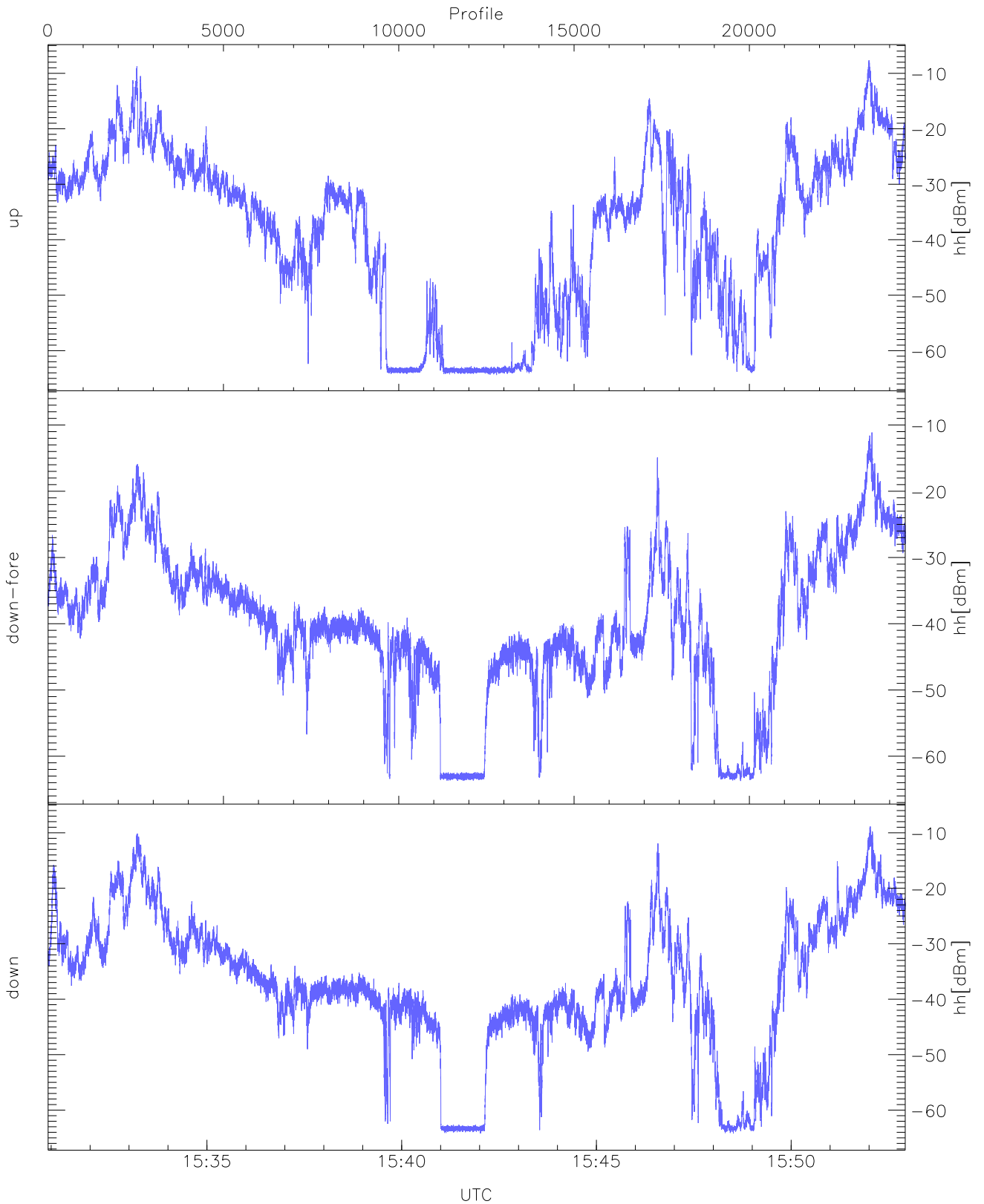
WCR2 CPP Averaged Received power for all recorded gates
blue: 153055-154156, 12224 profiles averaged
red: 154156-155256, 12224 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 153055-154156, 12224 profiles averaged
red: 154156-155256, 12224 profiles averaged

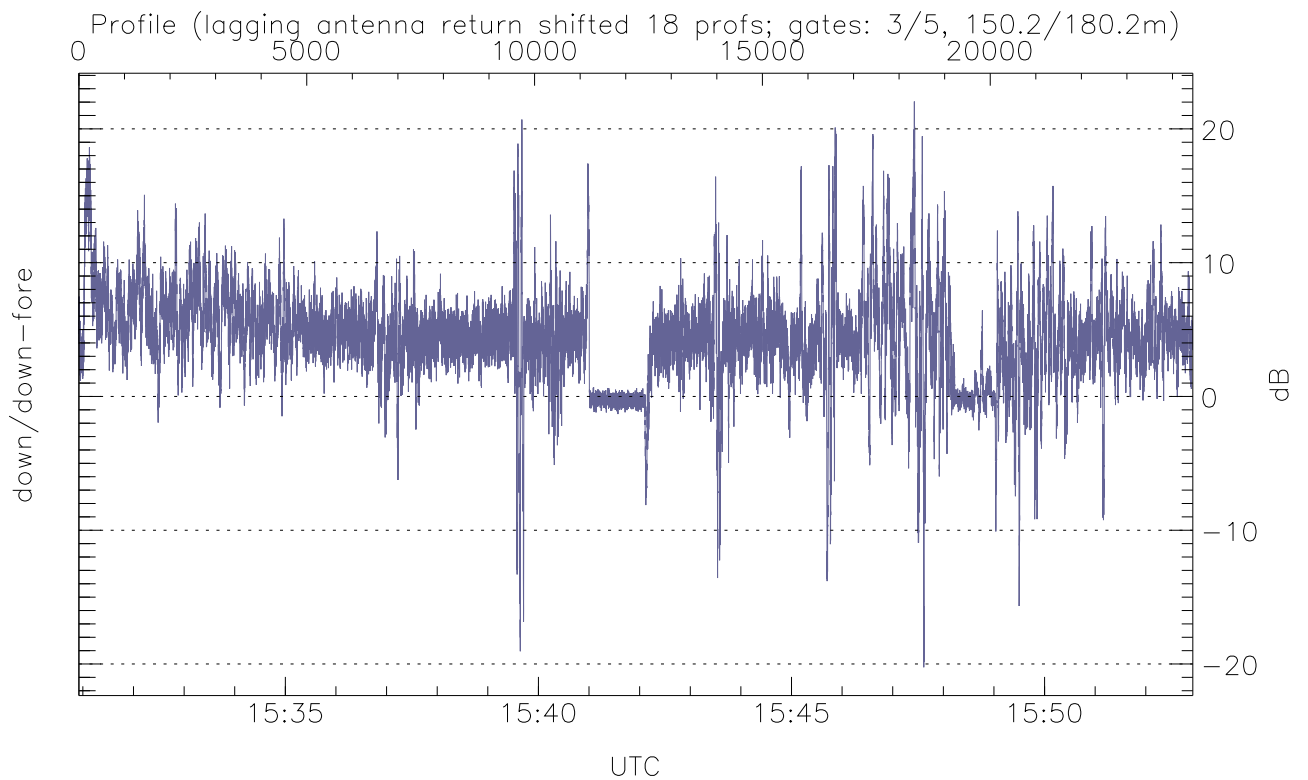
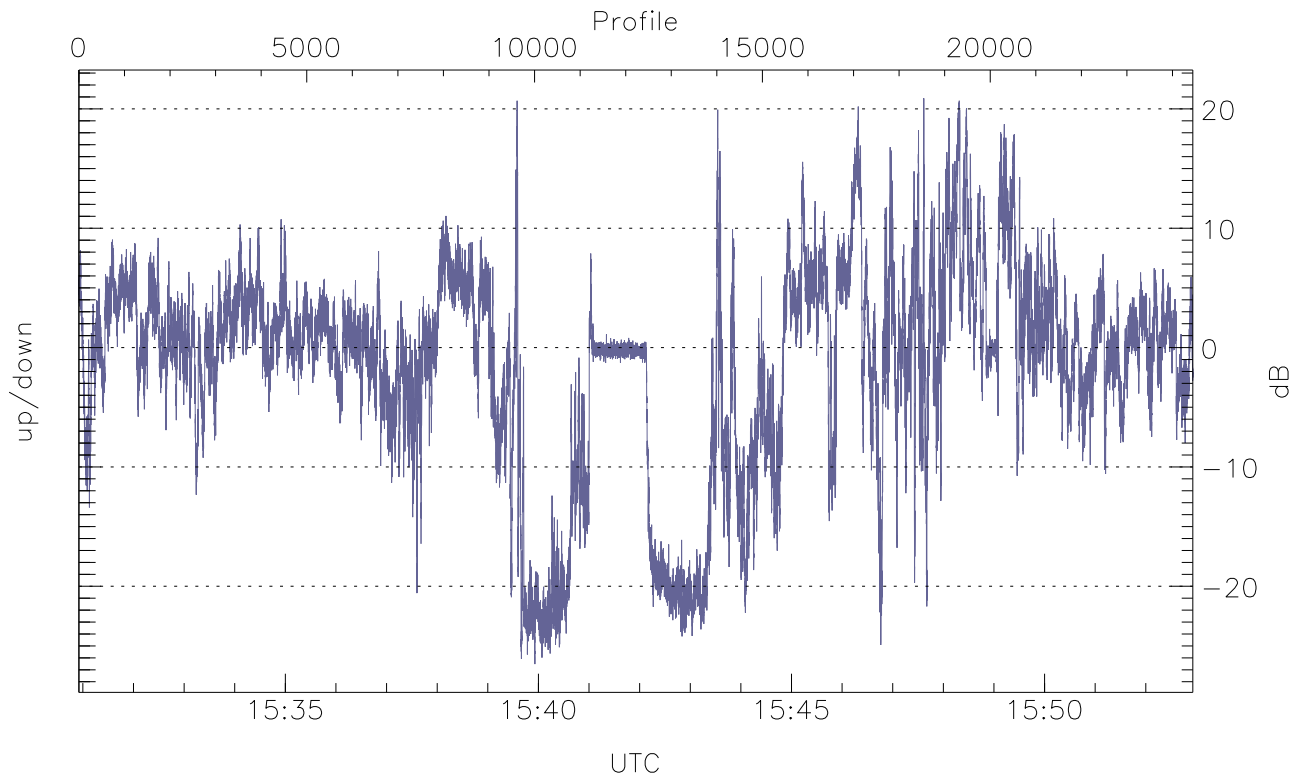


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



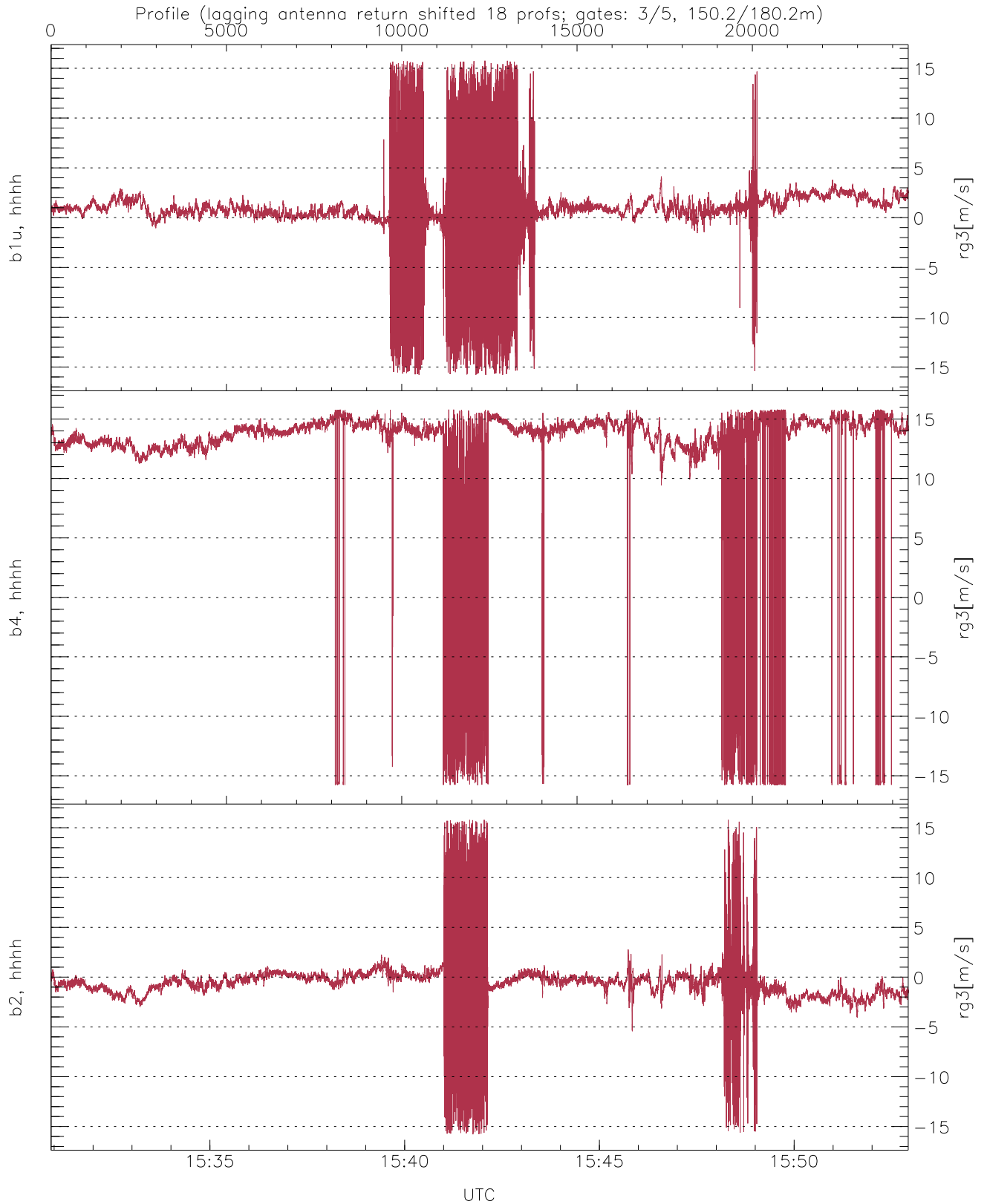
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.39	-7.66	-25.20
down-fore(hh[dBm])	-63.75	-11.12	-29.55
down(hh[dBm])	-64.22	-8.86	-25.58



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

	Min	Max	Mean
up/down (dB)	-26.52	20.89	-1.60
down/down-fore (dB)	-20.24	22.05	4.38



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.79	15.77	0.83	3.28
b4, hhhh(rg3[m/s])	-15.80	15.80	12.15	6.25
b2, hhhh(rg3[m/s])	-15.79	15.79	-0.63	2.52