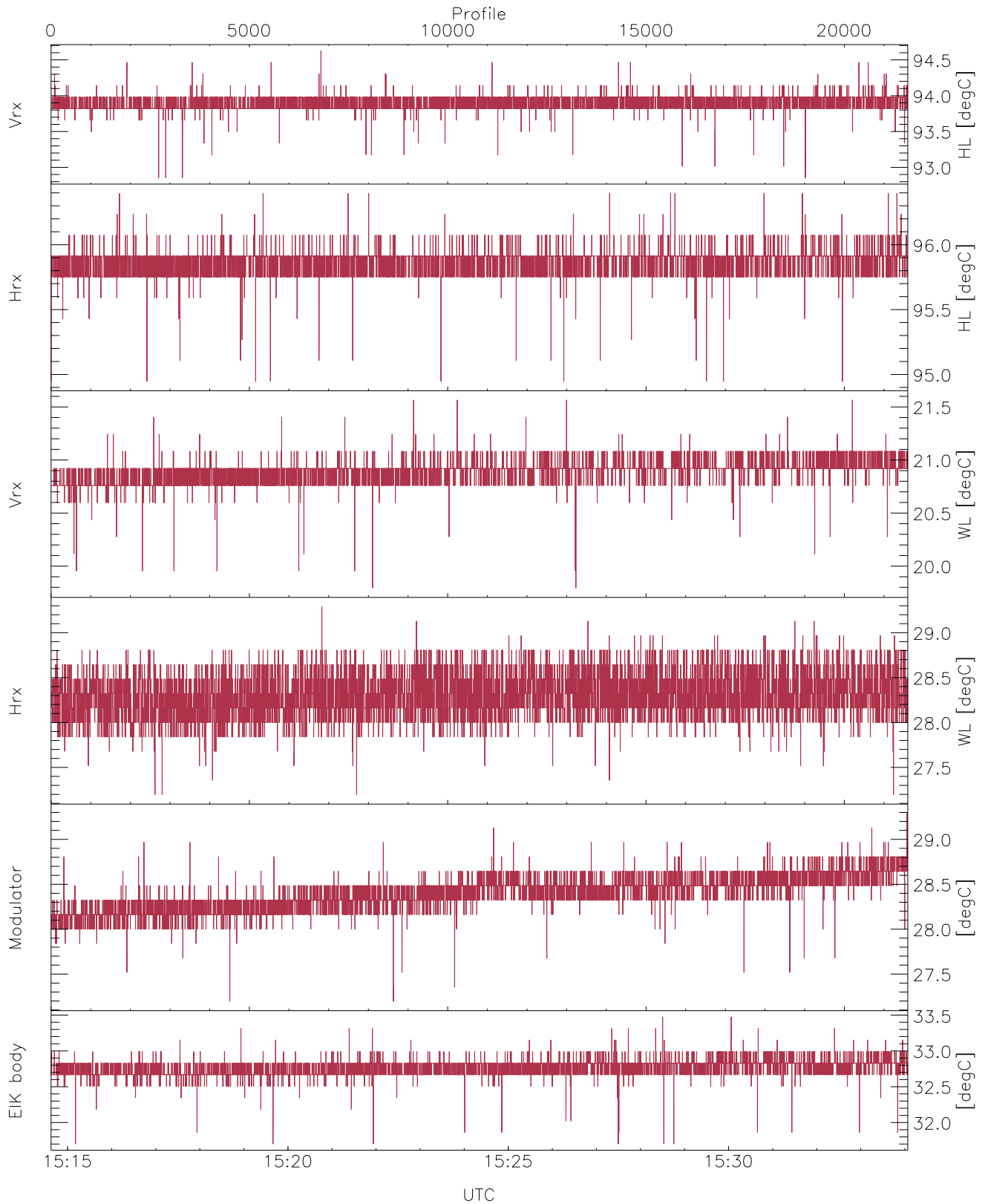


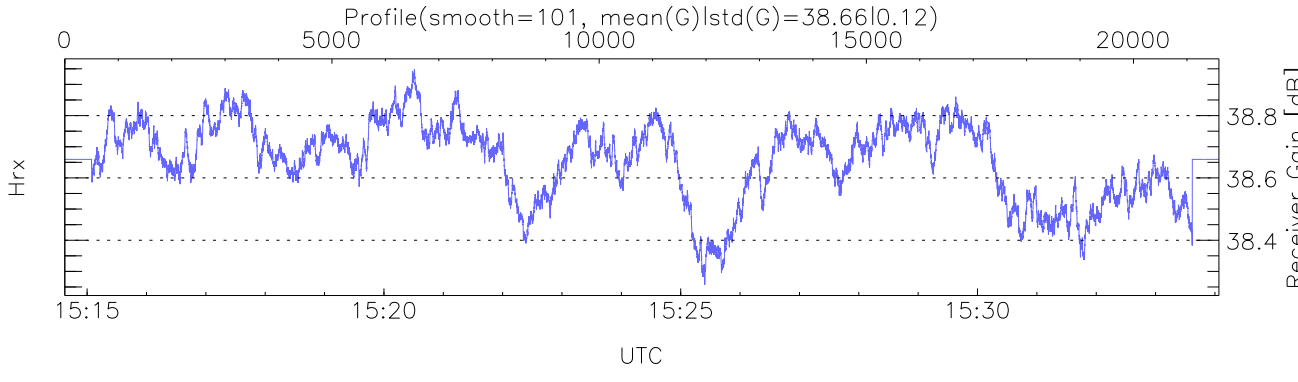
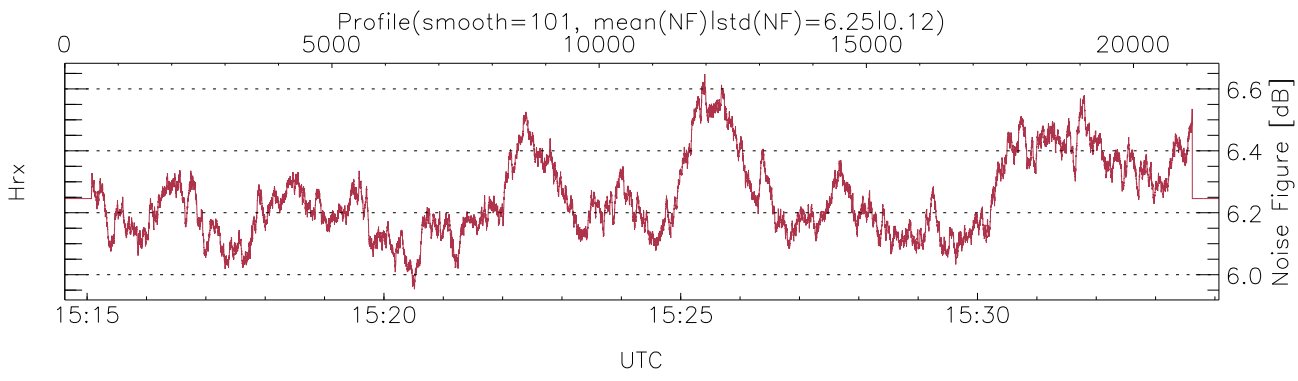
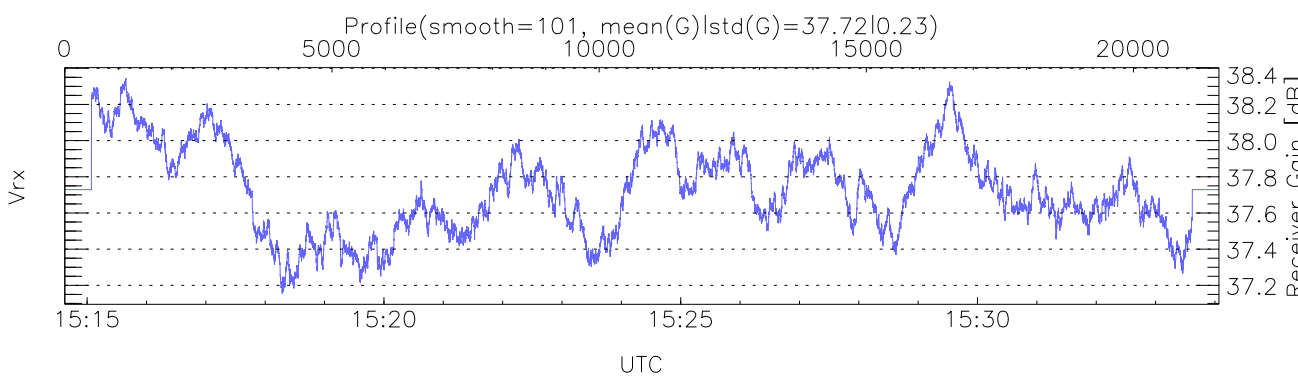
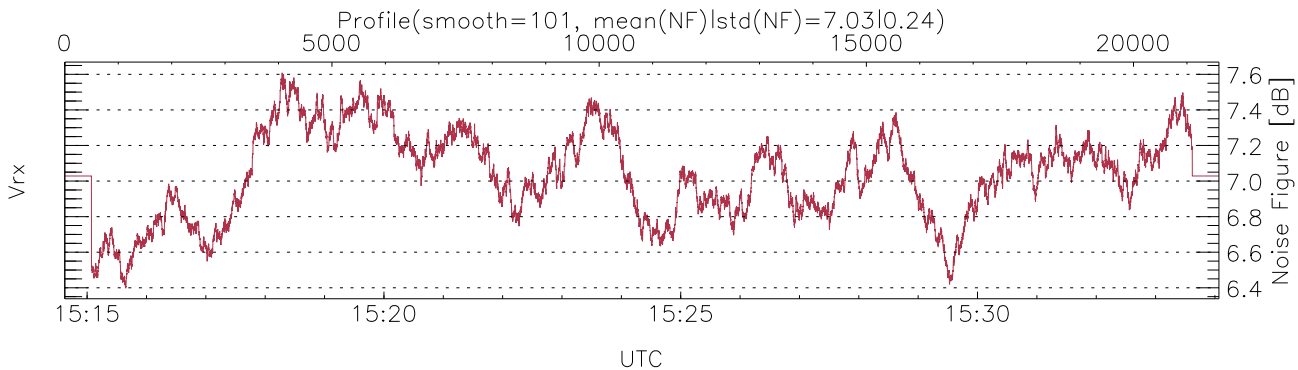
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:14:37-15:41:05, Dur: 1588.00s
 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): 21600/29401, 0-21599/15:14:37-15:34:04
 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,rgs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



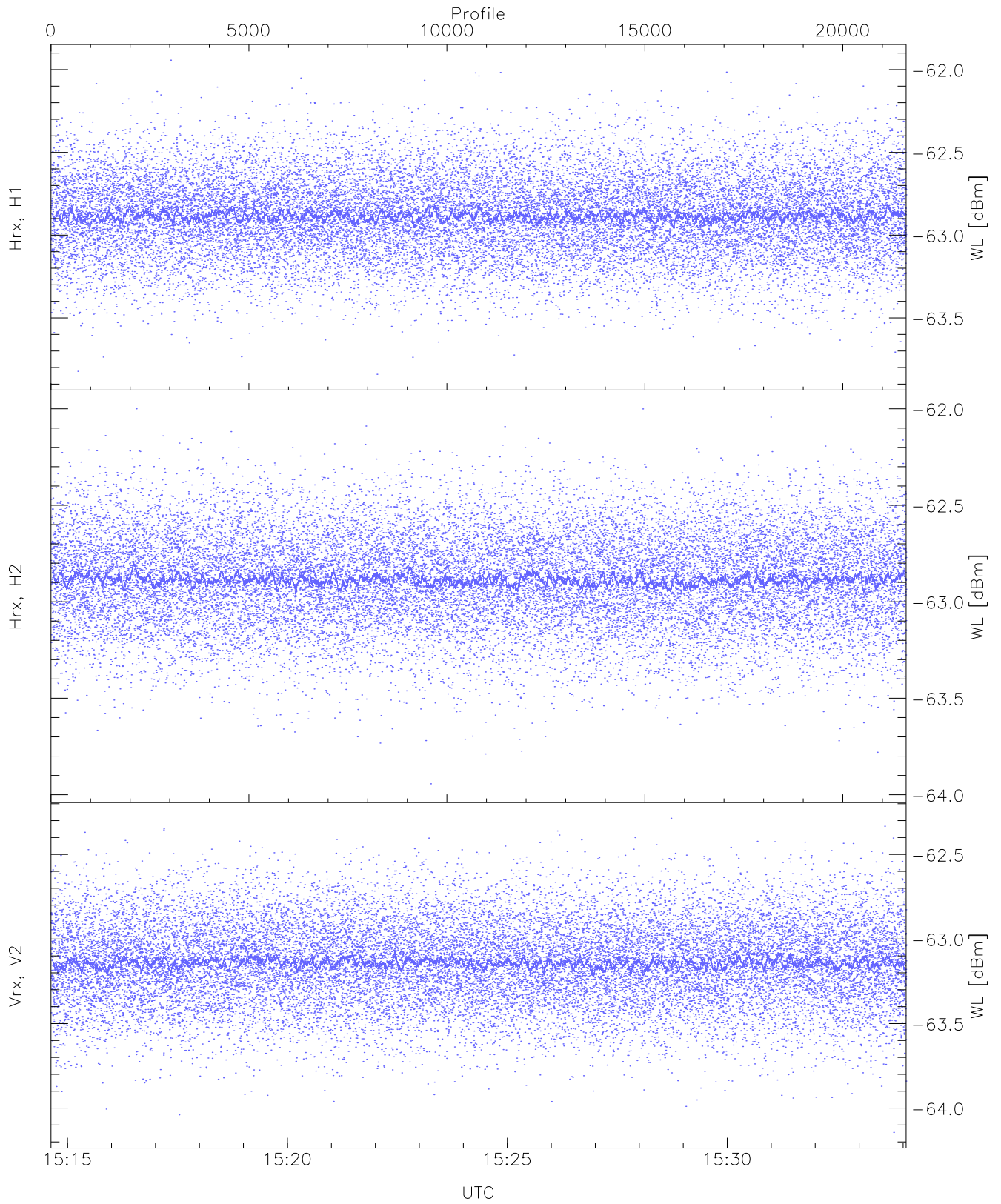
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,27,27,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,29,29,33
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (4,4,4,4,4,5)
```



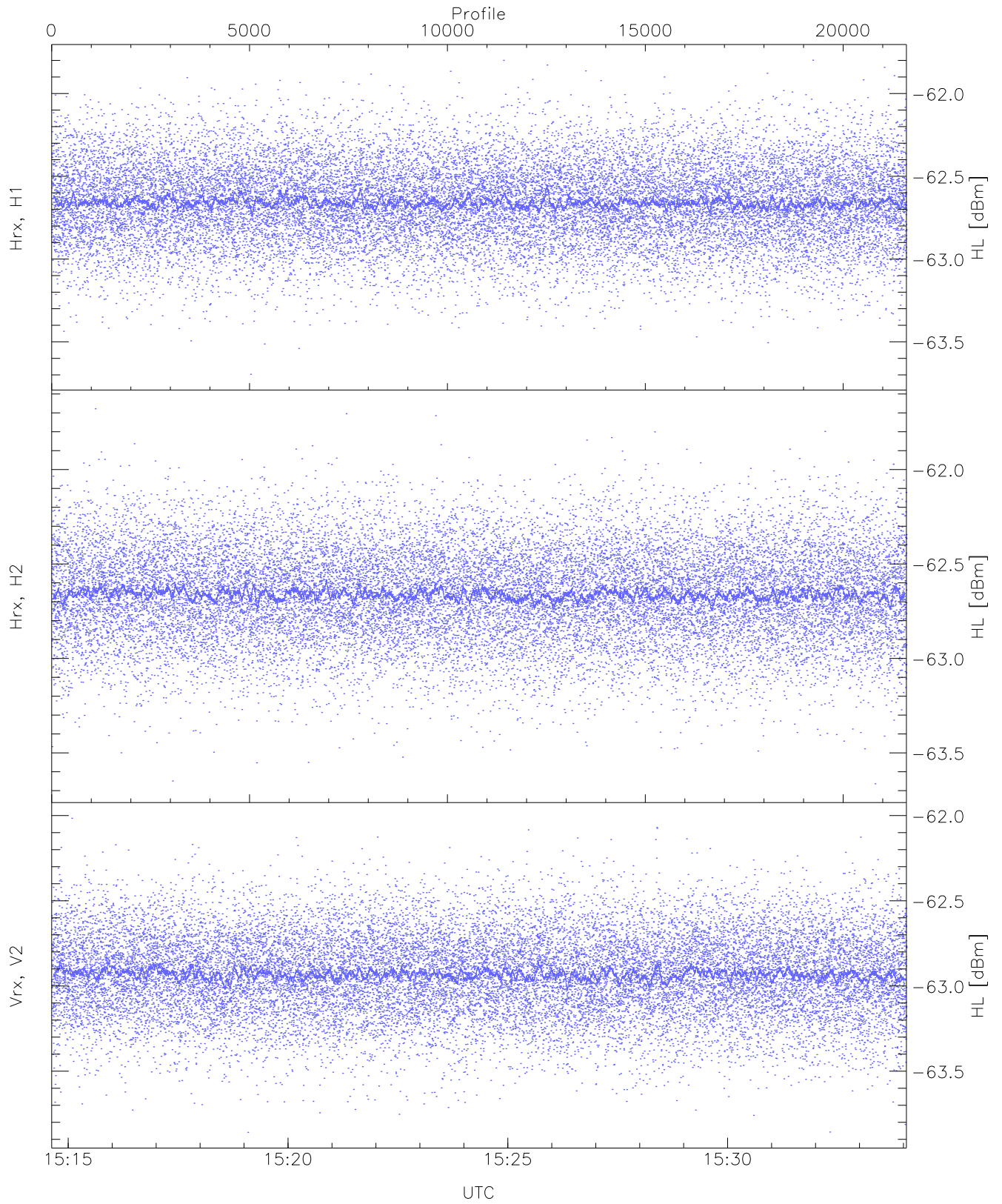
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2053 pixs, 53 gates, 2018 profs, 2 prods



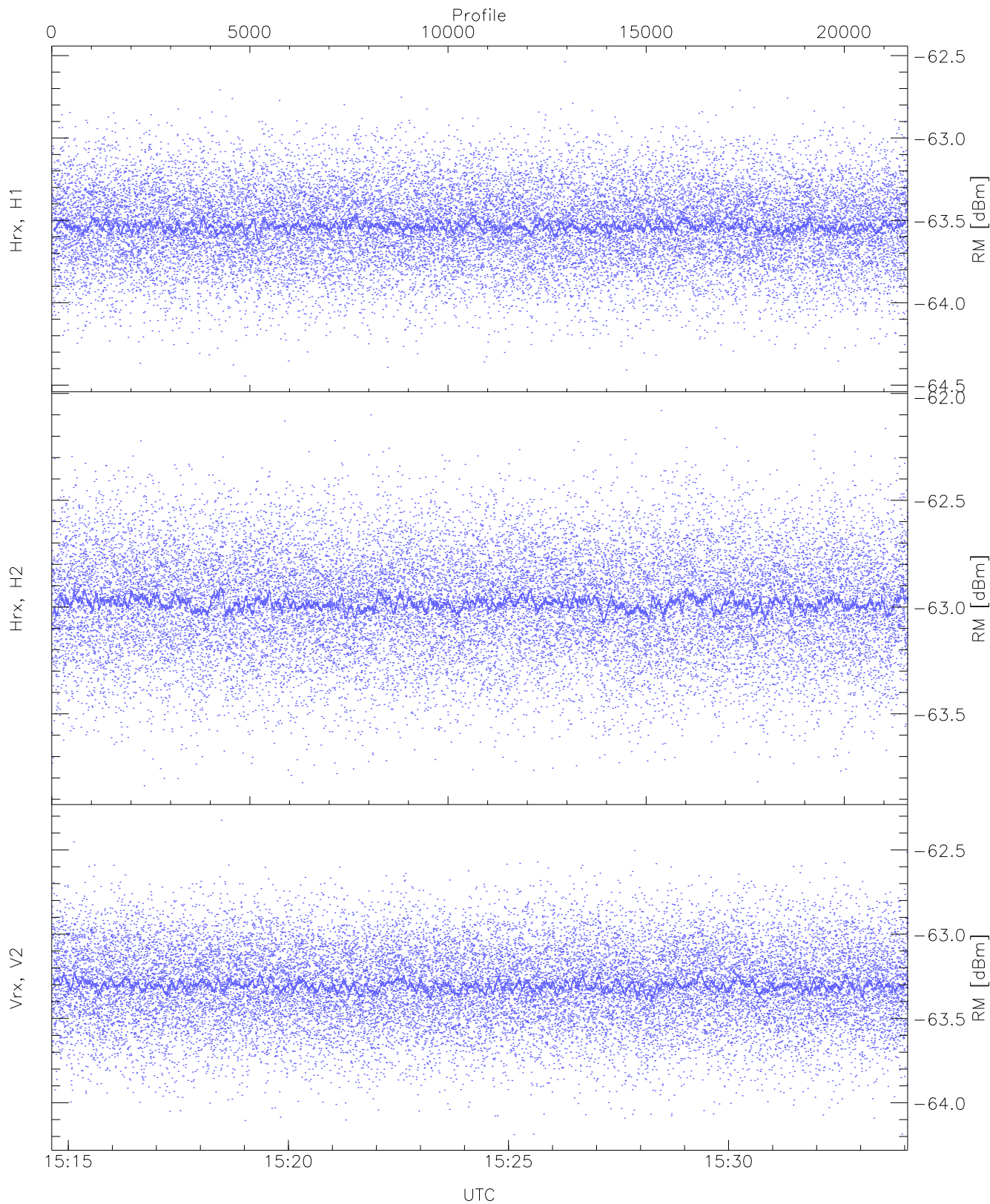
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.84	-61.94	-62.88	-62.89	-75.62
Hrx, H2(WL [dBm])	-63.94	-62.00	-62.88	-62.89	-75.60
Vrx, V2(WL [dBm])	-64.14	-62.29	-63.14	-63.14	-75.82



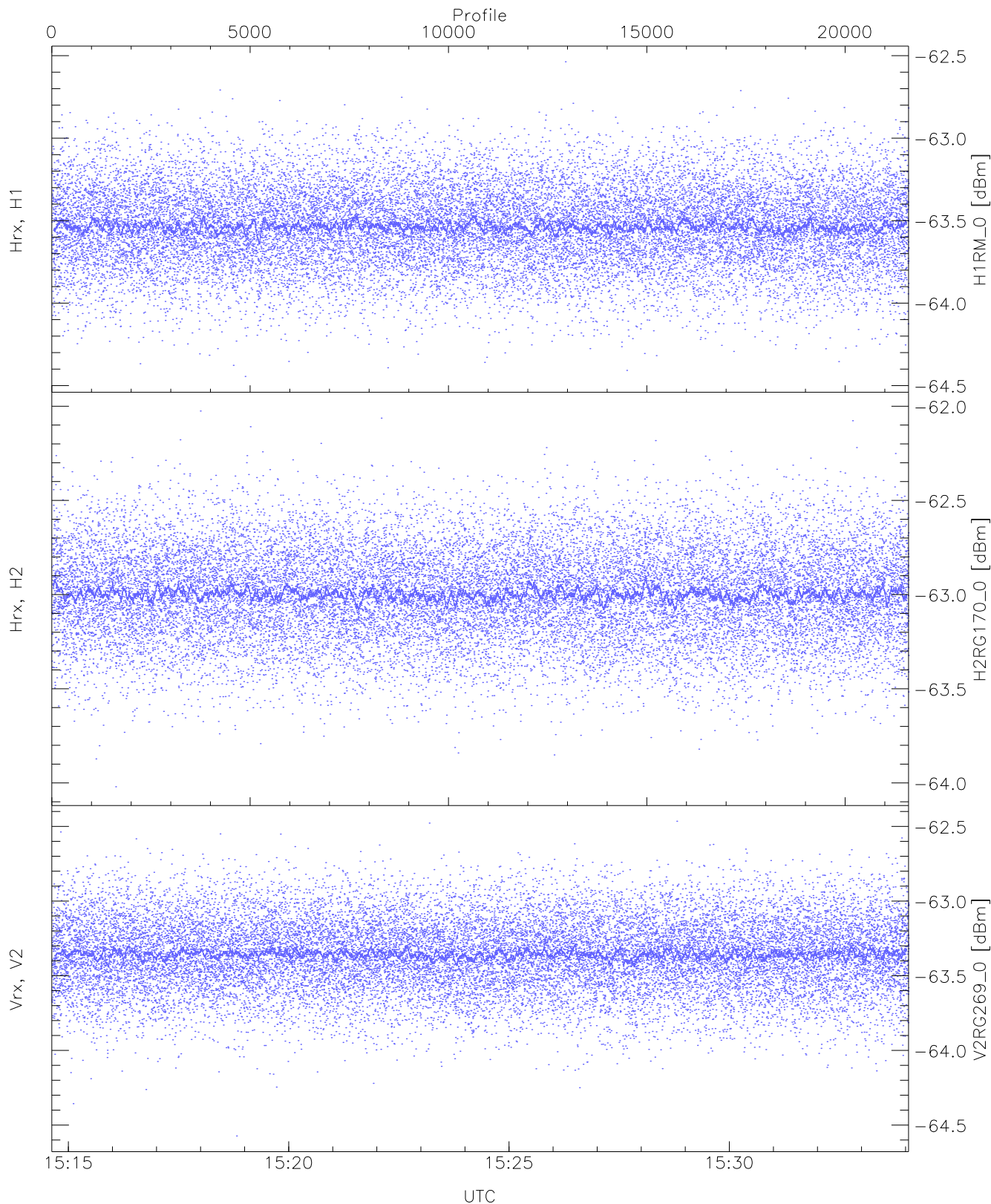
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.70	-61.80	-62.66	-62.66	-75.34
Hrx, H2 (HL [dBm])	-63.66	-61.68	-62.66	-62.66	-75.33
Vrx, V2 (HL [dBm])	-63.86	-62.02	-62.93	-62.93	-75.65



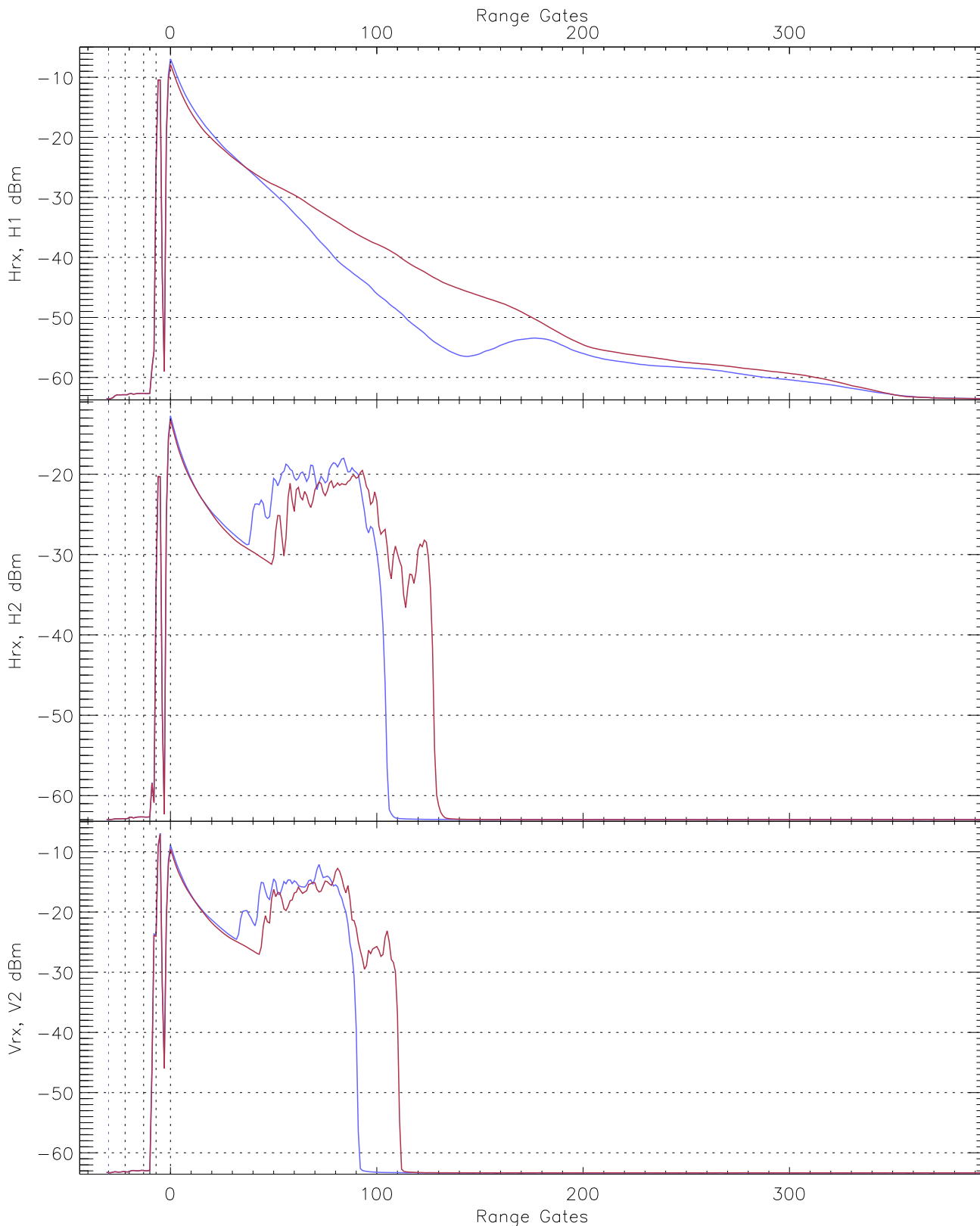
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.44	-62.54	-63.53	-63.54	-76.24
Hrx, H2(RM [dBm])	-63.84	-62.08	-62.98	-62.98	-75.69
Vrx, V2(RM [dBm])	-64.19	-62.32	-63.30	-63.31	-76.00

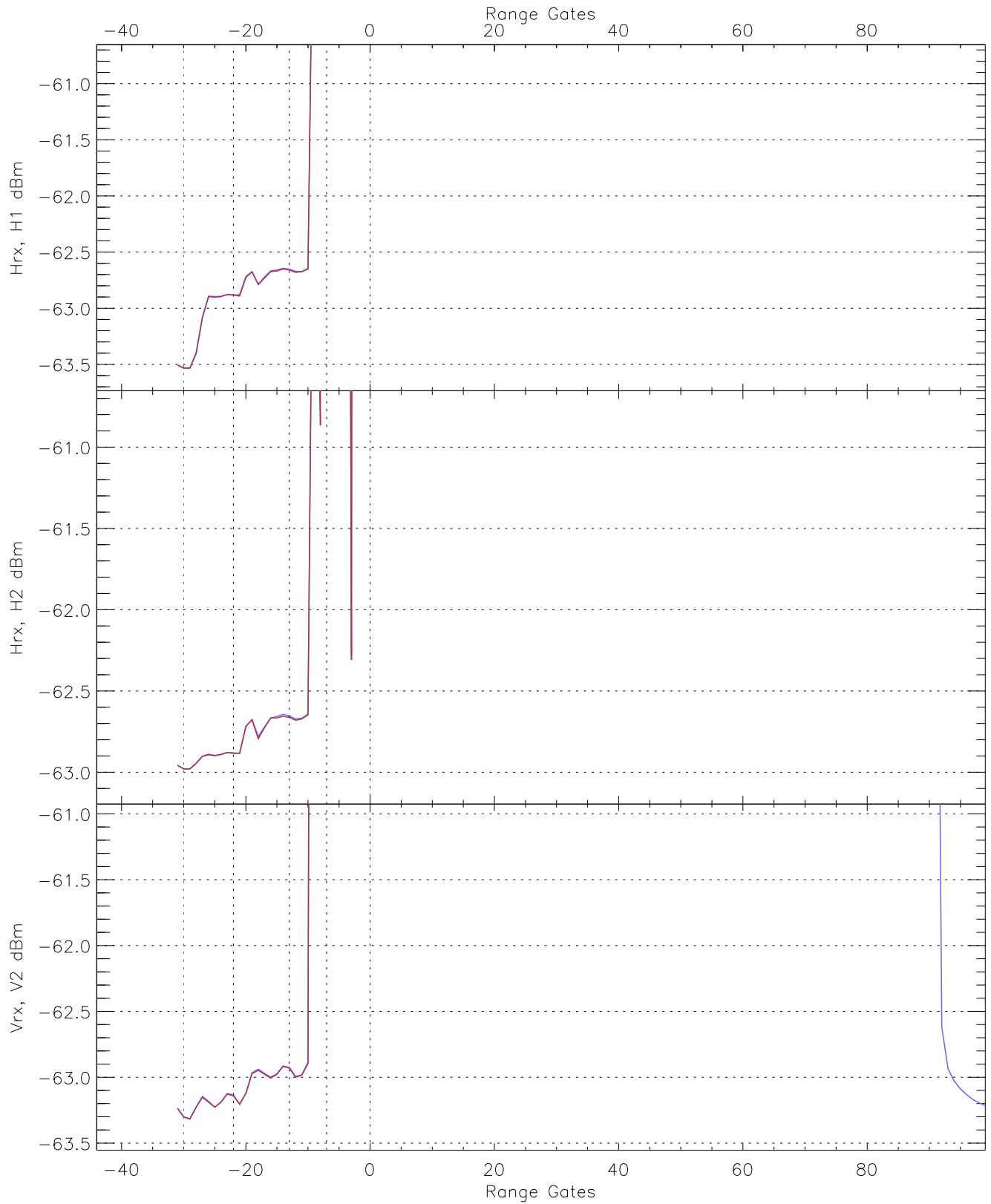


WCR2 CPP "Best" estimate Receivers Noise Power

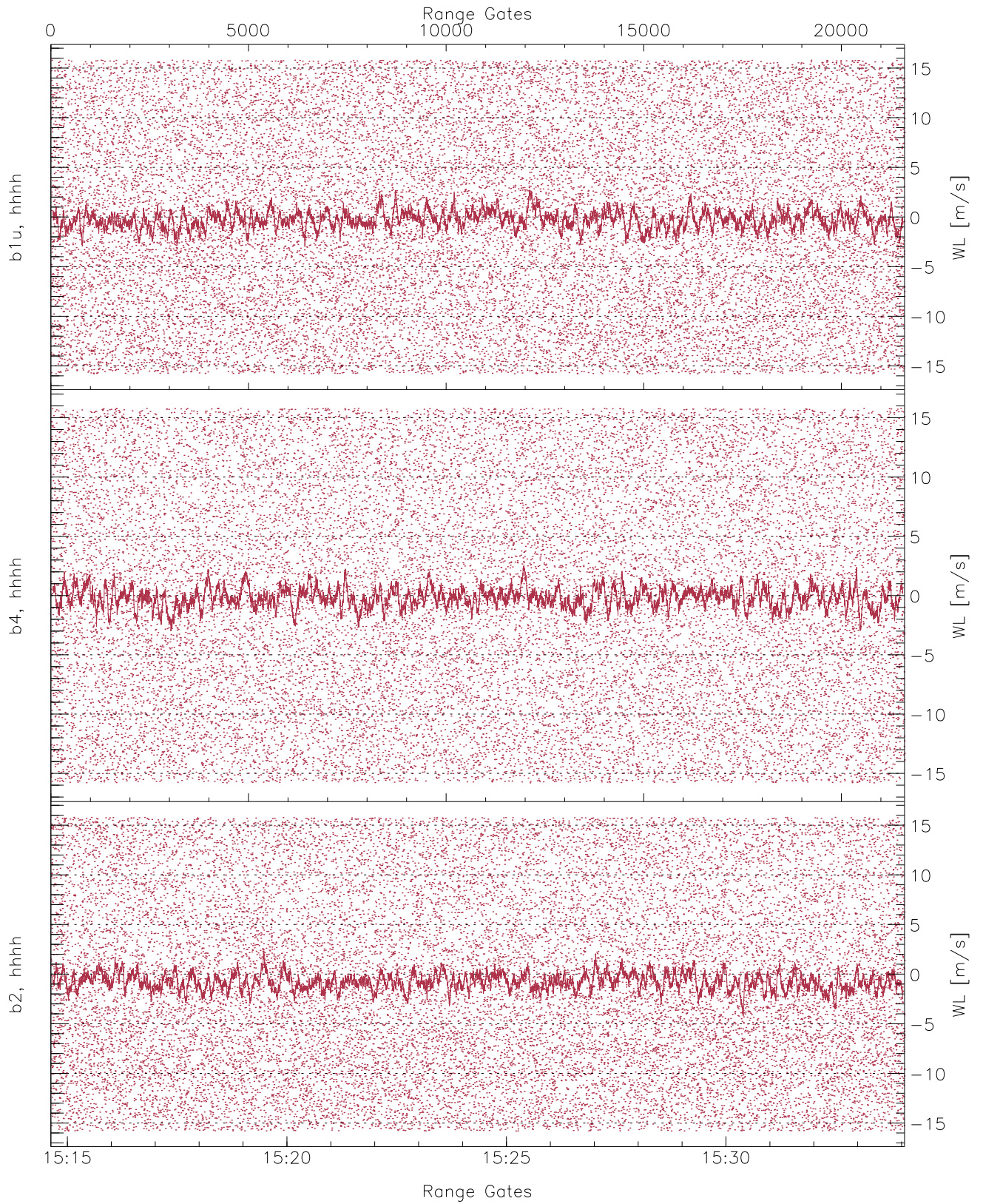
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-64.44	-62.54	-63.53	-63.54	-76.24
H2RG170_0 [dBm]	-64.02	-62.03	-62.99	-63.00	-75.69
V2RG269_0 [dBm]	-64.57	-62.47	-63.35	-63.36	-76.04



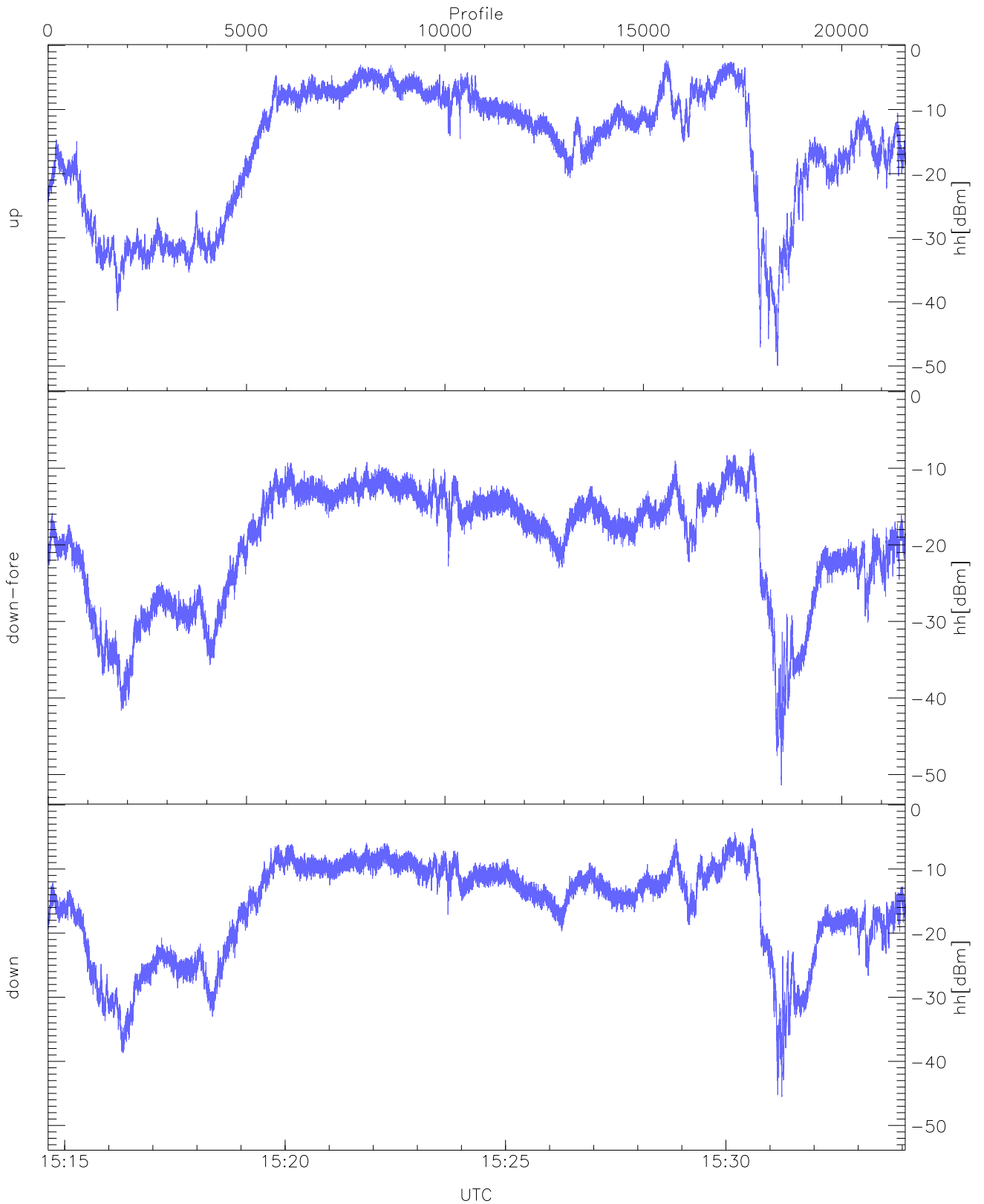
WCR2 CPP Averaged Received power for all recorded gates
blue: 151437-152421, 10801 profiles averaged
red: 152421-153404, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 151437-152421, 10801 profiles averaged
red: 152421-153404, 10800 profiles averaged

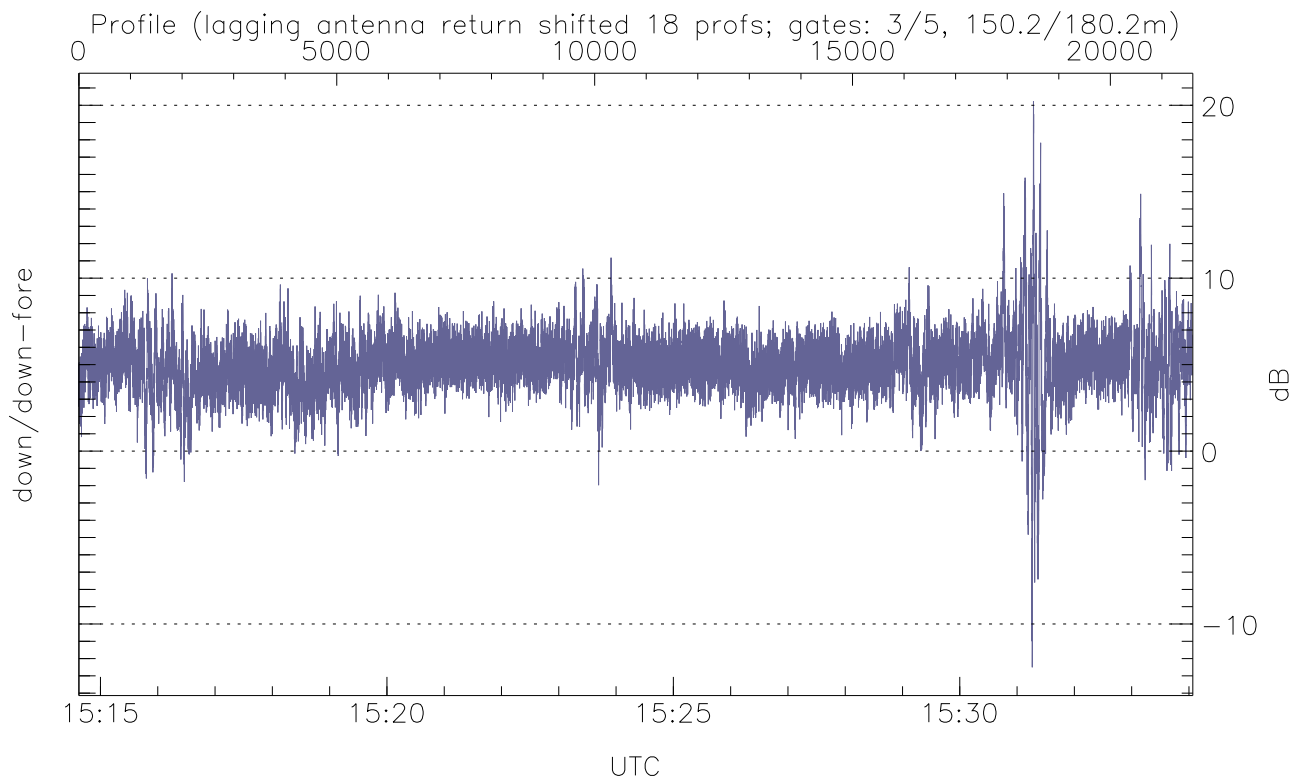
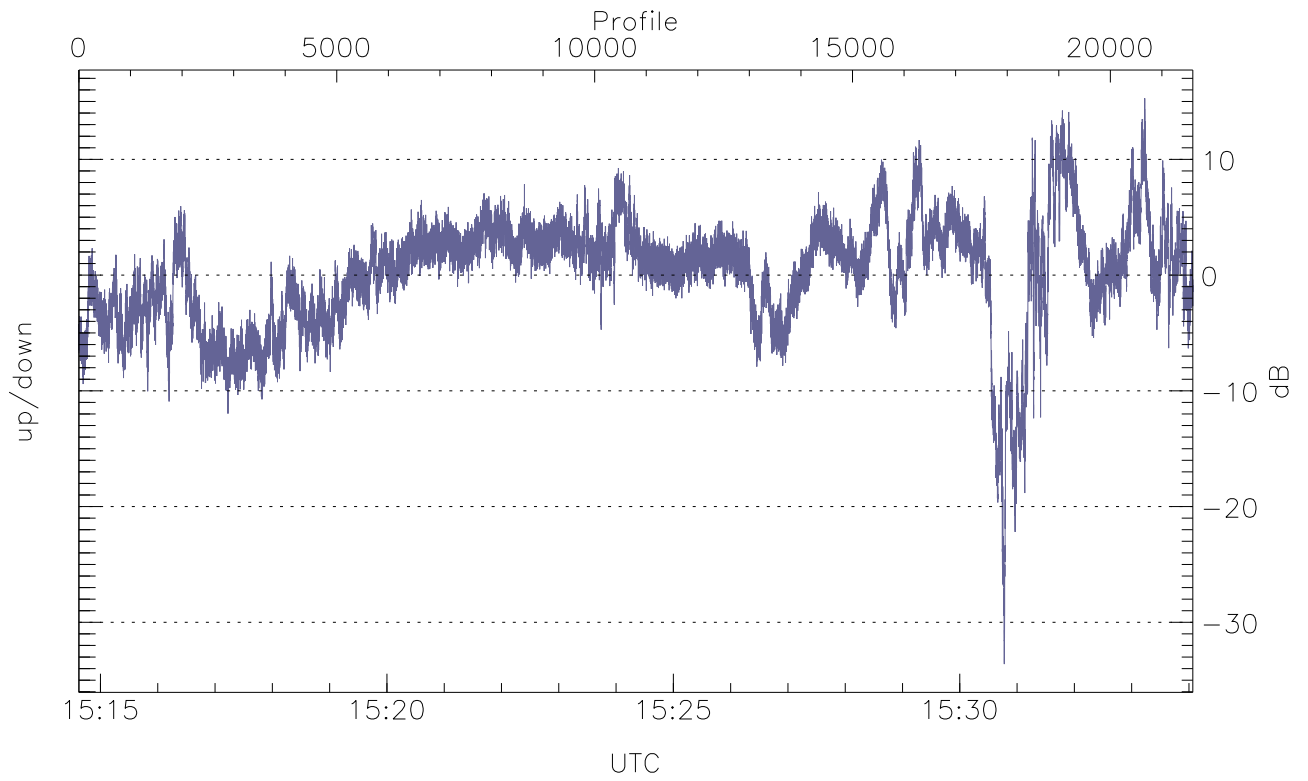


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



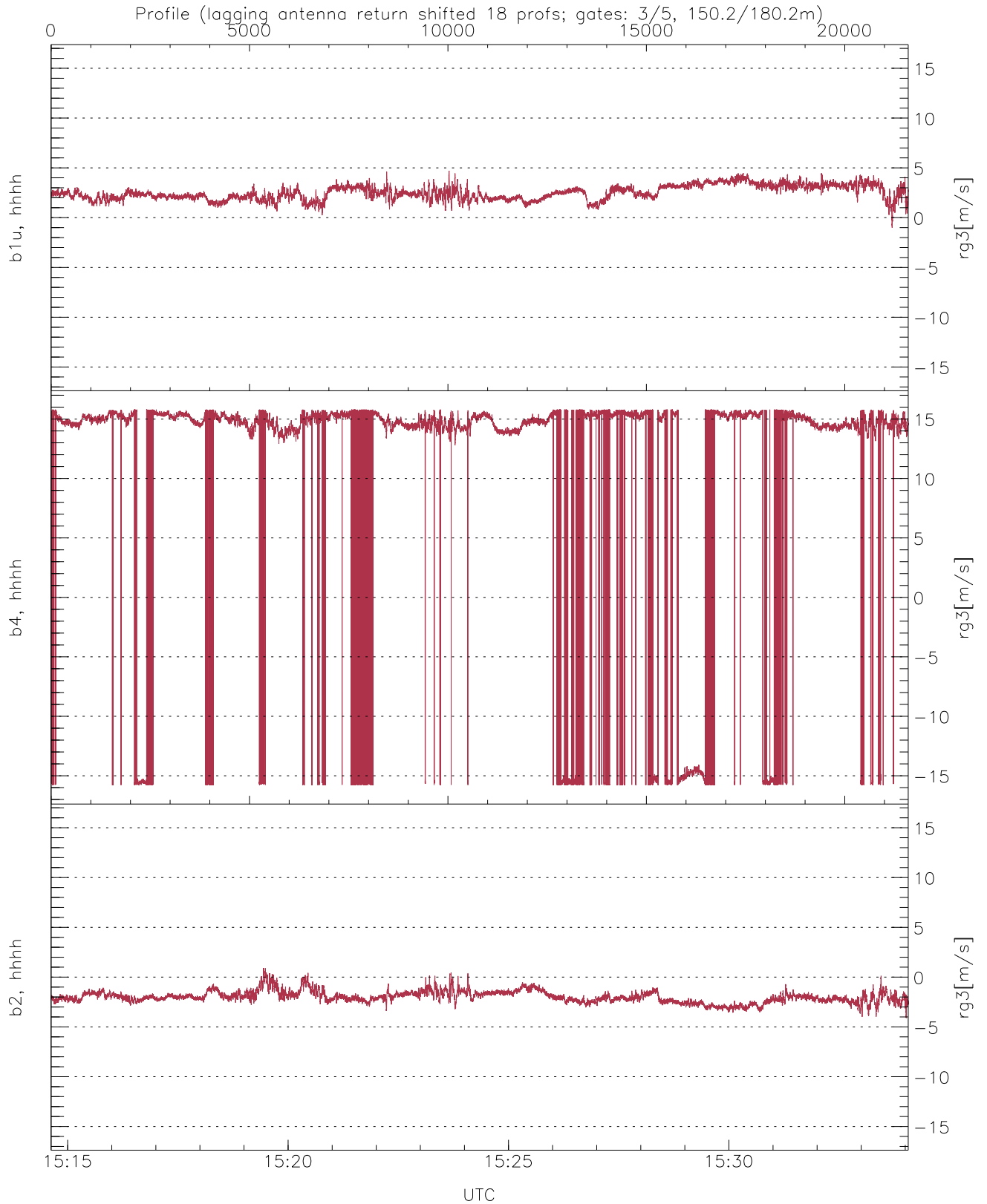
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-49.97	-2.32	-10.14
down-fore(hh[dBm])	-51.40	-7.51	-15.87
down(hh[dBm])	-45.51	-3.66	-12.32



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

	Min	Max	Mean
up/down (dB)	-33.61	15.28	0.12
down/down-fore (dB)	-12.50	20.22	5.01



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
$b1u, hhhh(rg3[m/s])$	-1.00	4.70	2.49	0.72
$b4, hhhh(rg3[m/s])$	-15.80	15.80	10.70	10.57
$b2, hhhh(rg3[m/s])$	-4.10	0.90	-1.98	0.60