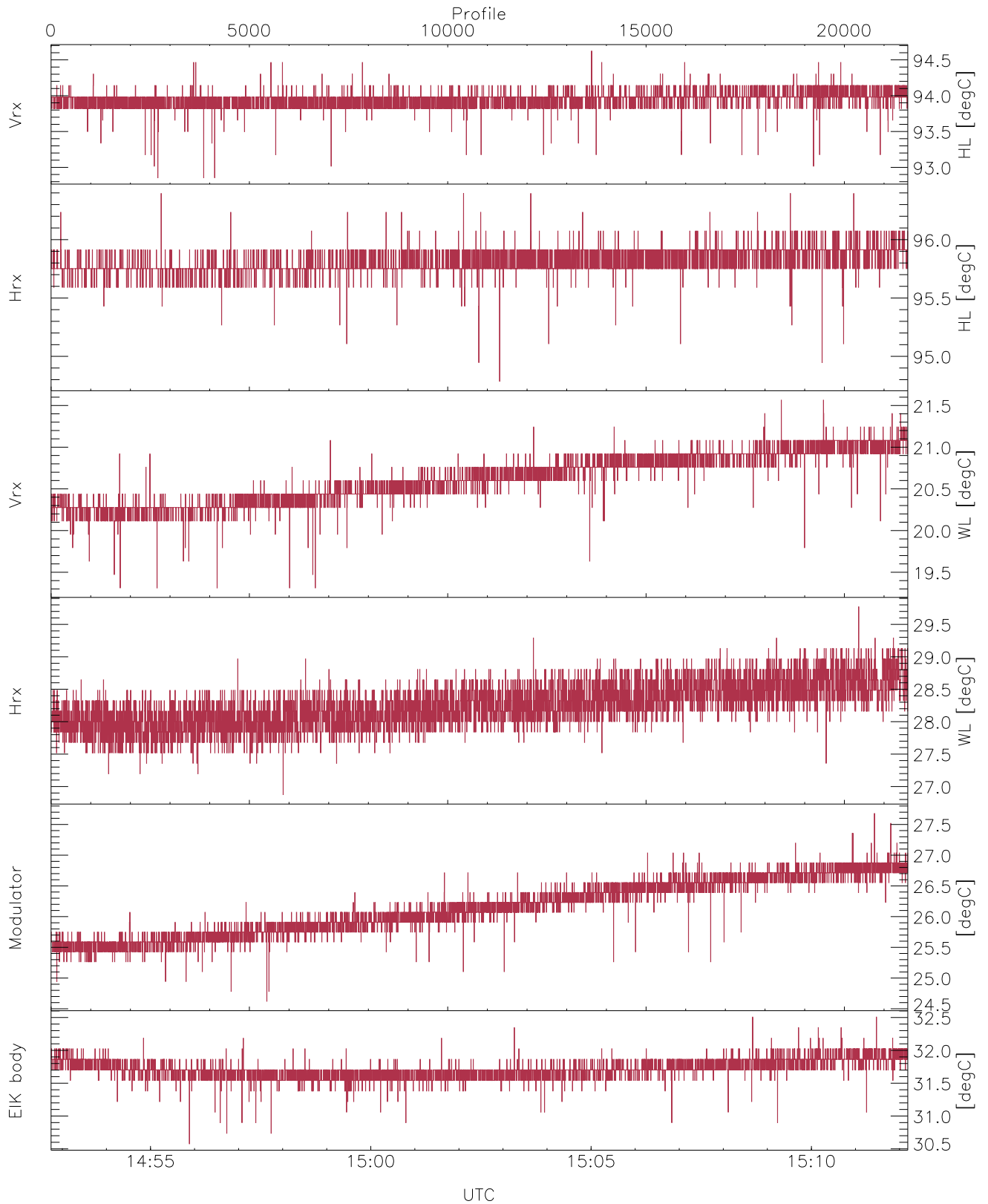


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

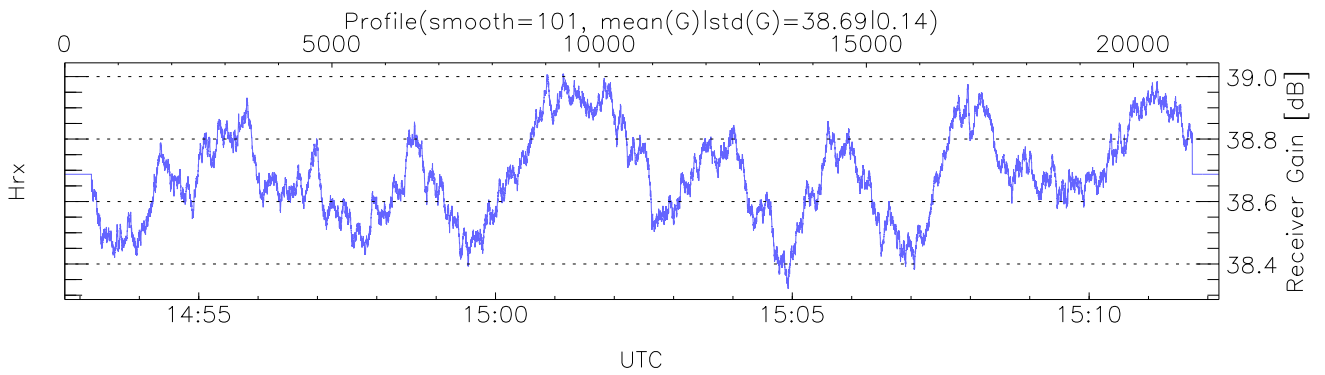
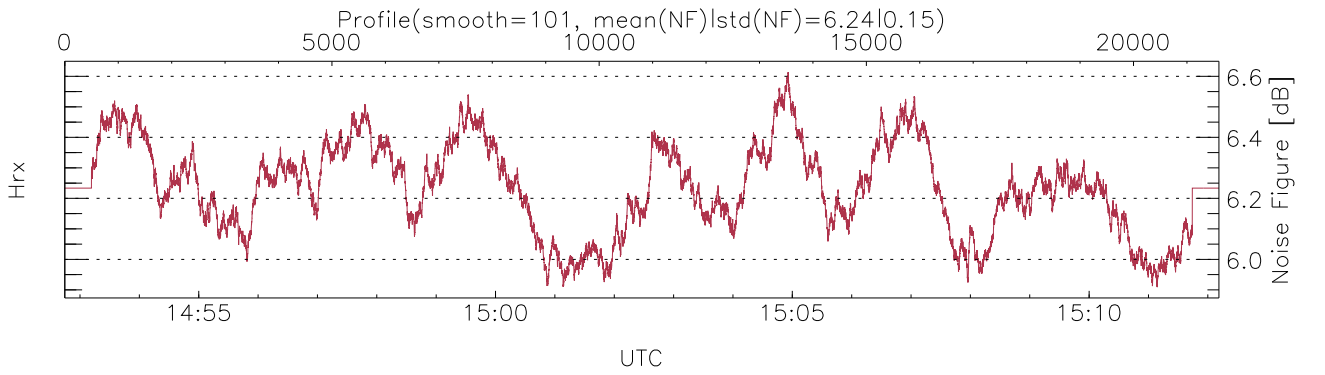
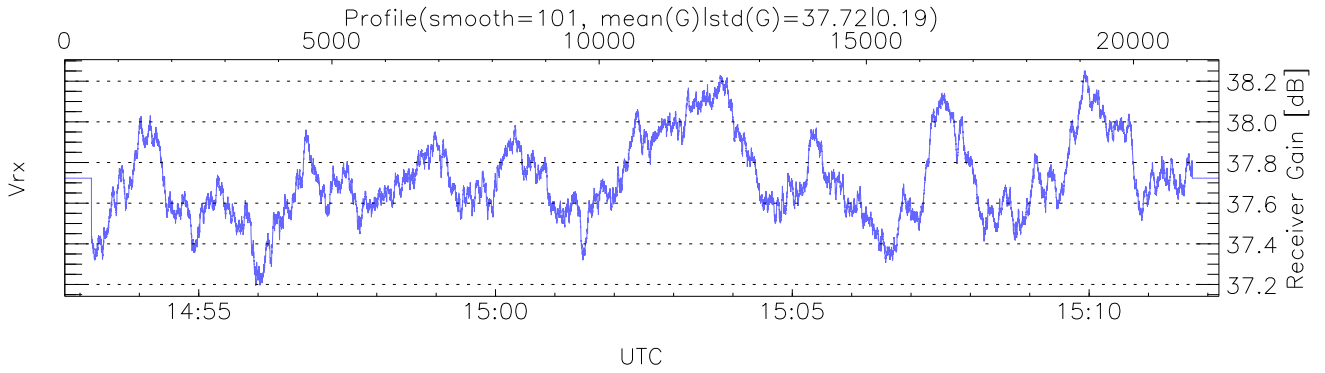
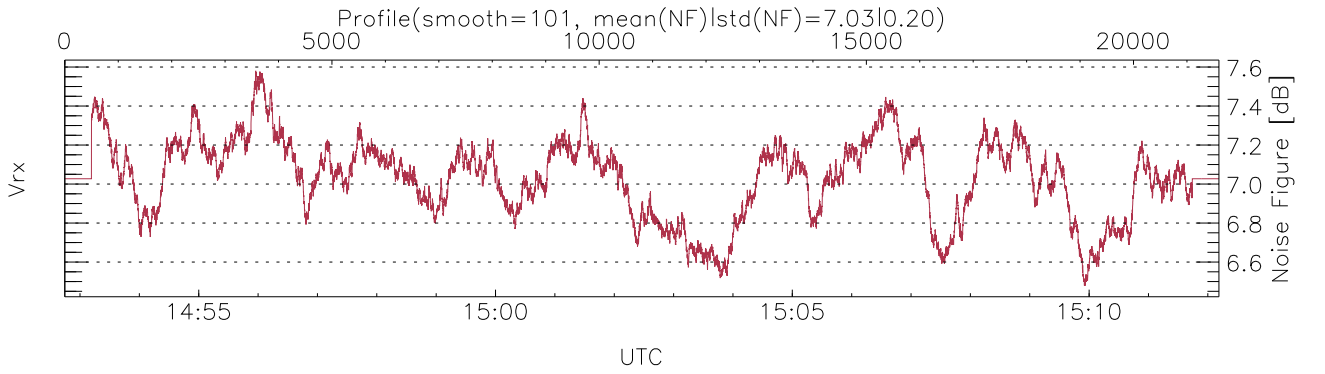
UTC: 14:52:45-15:30:53, Dur: 2288.50s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 21600/42370, 0-21599/14:52:45-15:12:11
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

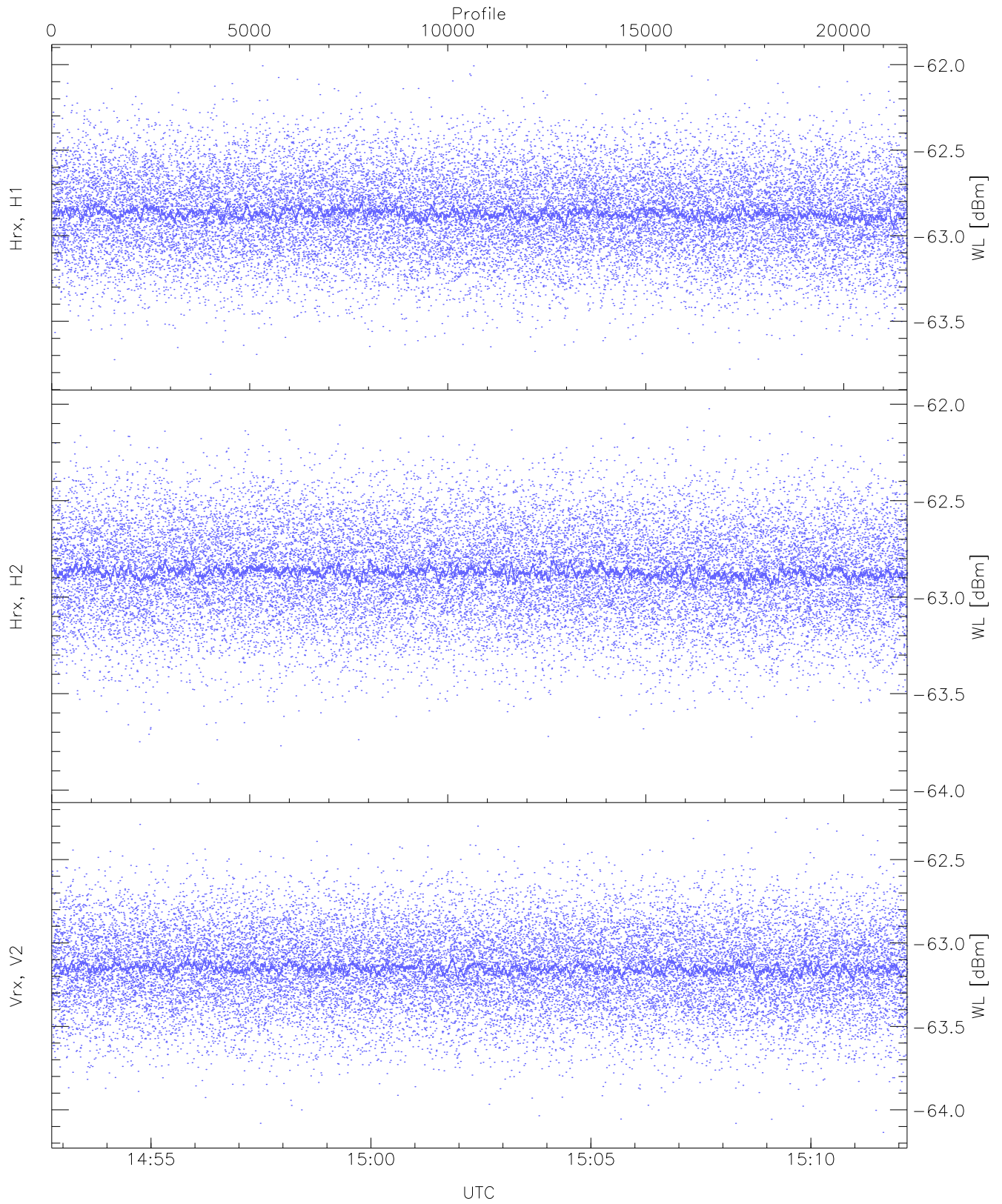
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,26,24,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,29,27,32
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT, CollT, BodyCurr, DeckF, OverDuty, HVPS (14,14,14,14,14,5)
    
```



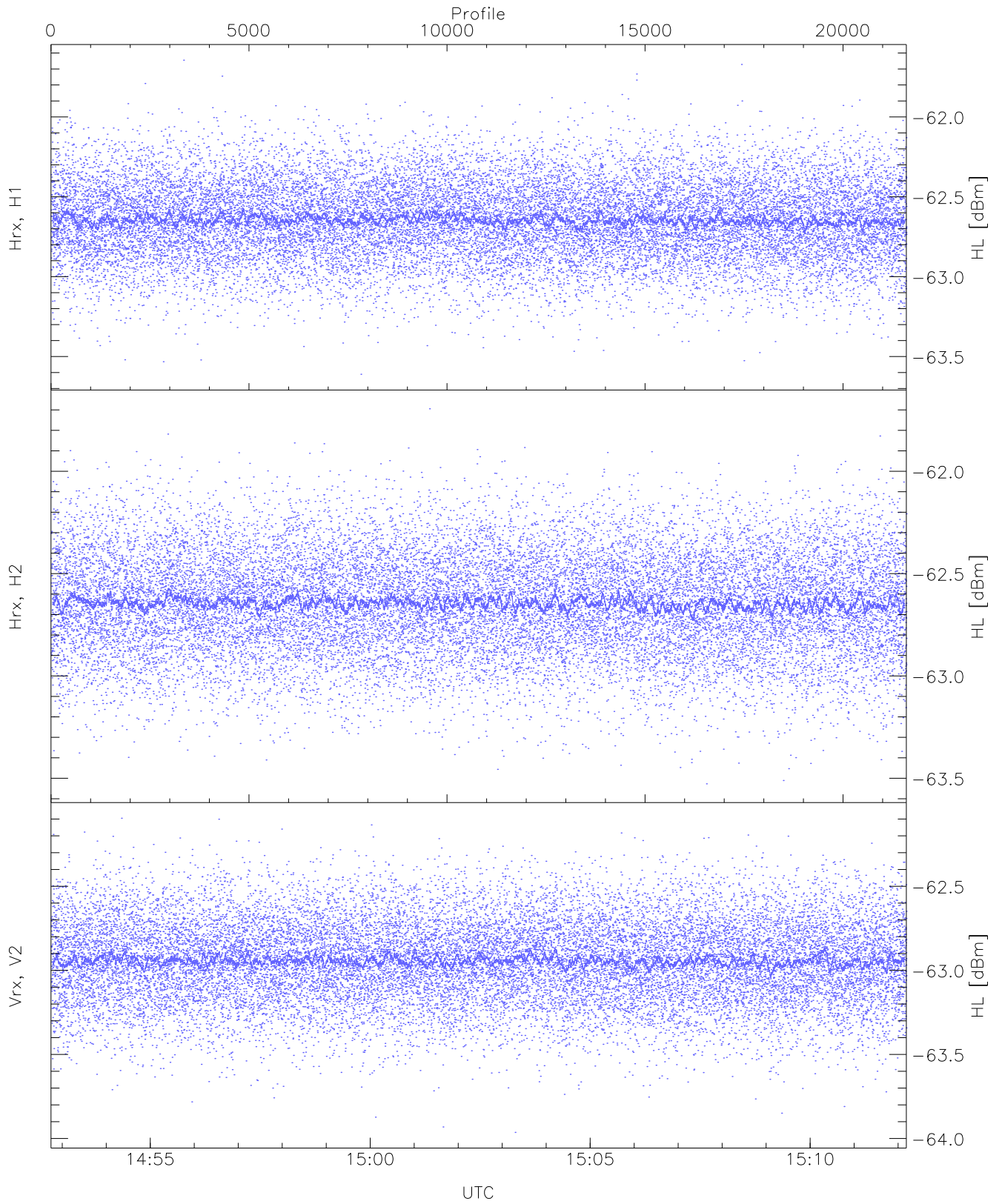
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1876 pixs, 58 gates, 1843 profs, 2 prods



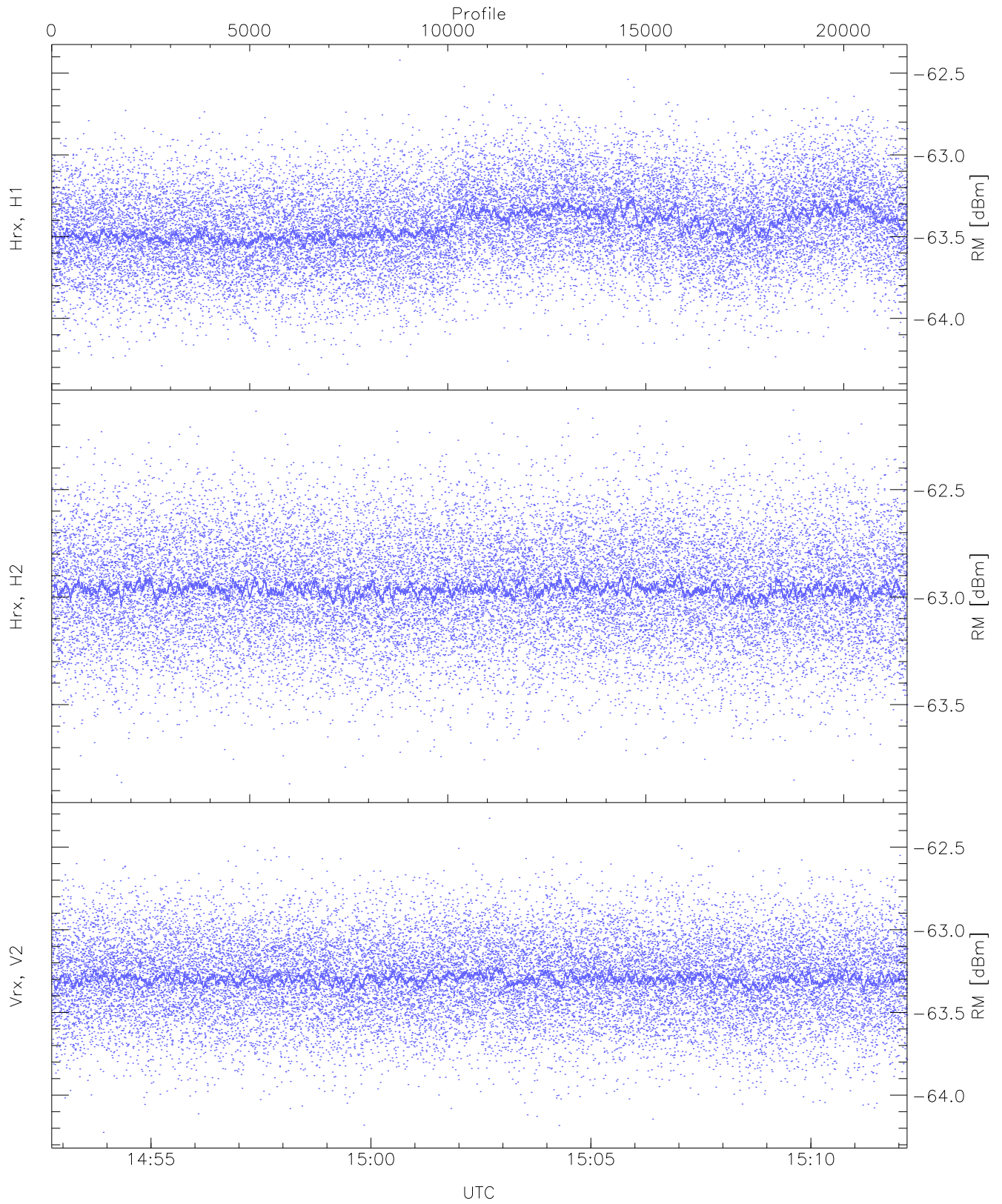
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.81	-61.97	-62.87	-62.87	-75.57
Hrx, H2(WL [dBm])	-63.97	-62.02	-62.87	-62.87	-75.58
Vrx, V2(WL [dBm])	-64.14	-62.25	-63.15	-63.15	-75.85



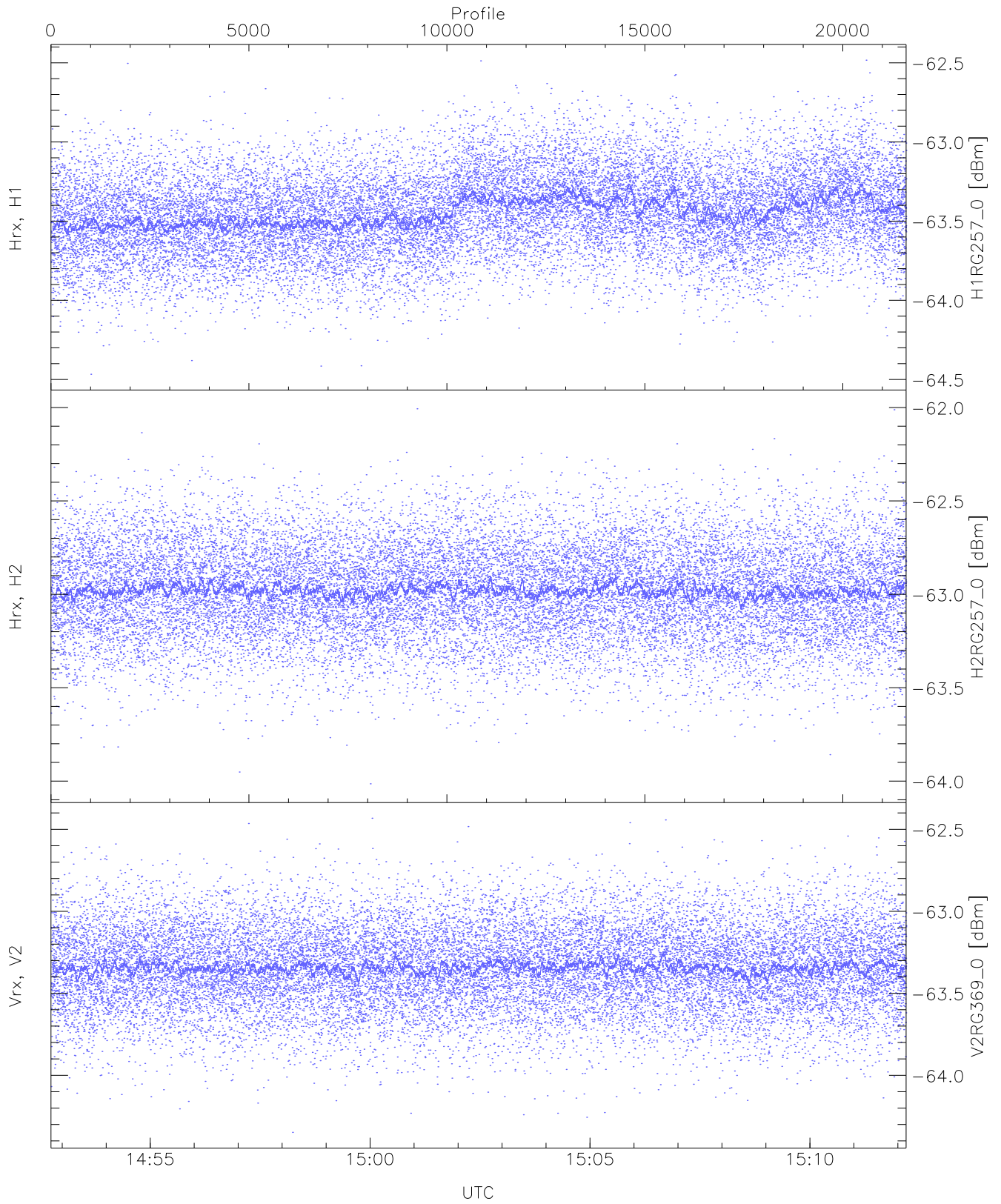
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.61	-61.64	-62.64	-62.65	-75.39
Hrx, H2 (HL [dBm])	-63.53	-61.69	-62.64	-62.64	-75.35
Vrx, V2 (HL [dBm])	-63.96	-62.10	-62.94	-62.94	-75.63



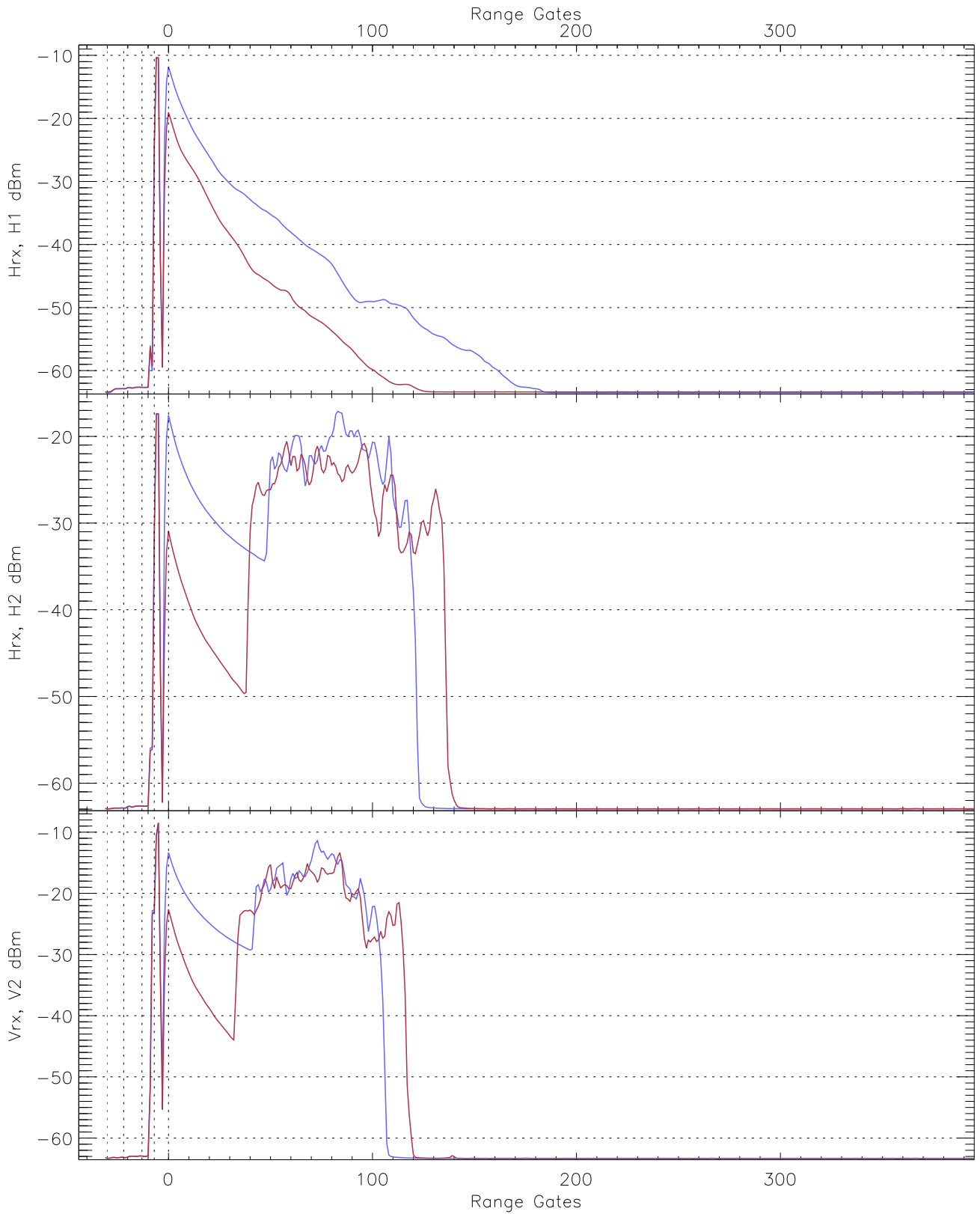
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.34	-62.42	-63.43	-63.44	-75.94
Hrx, H2 (RM [dBm])	-63.87	-62.12	-62.96	-62.97	-75.67
Vrx, V2 (RM [dBm])	-64.23	-62.33	-63.29	-63.30	-75.98

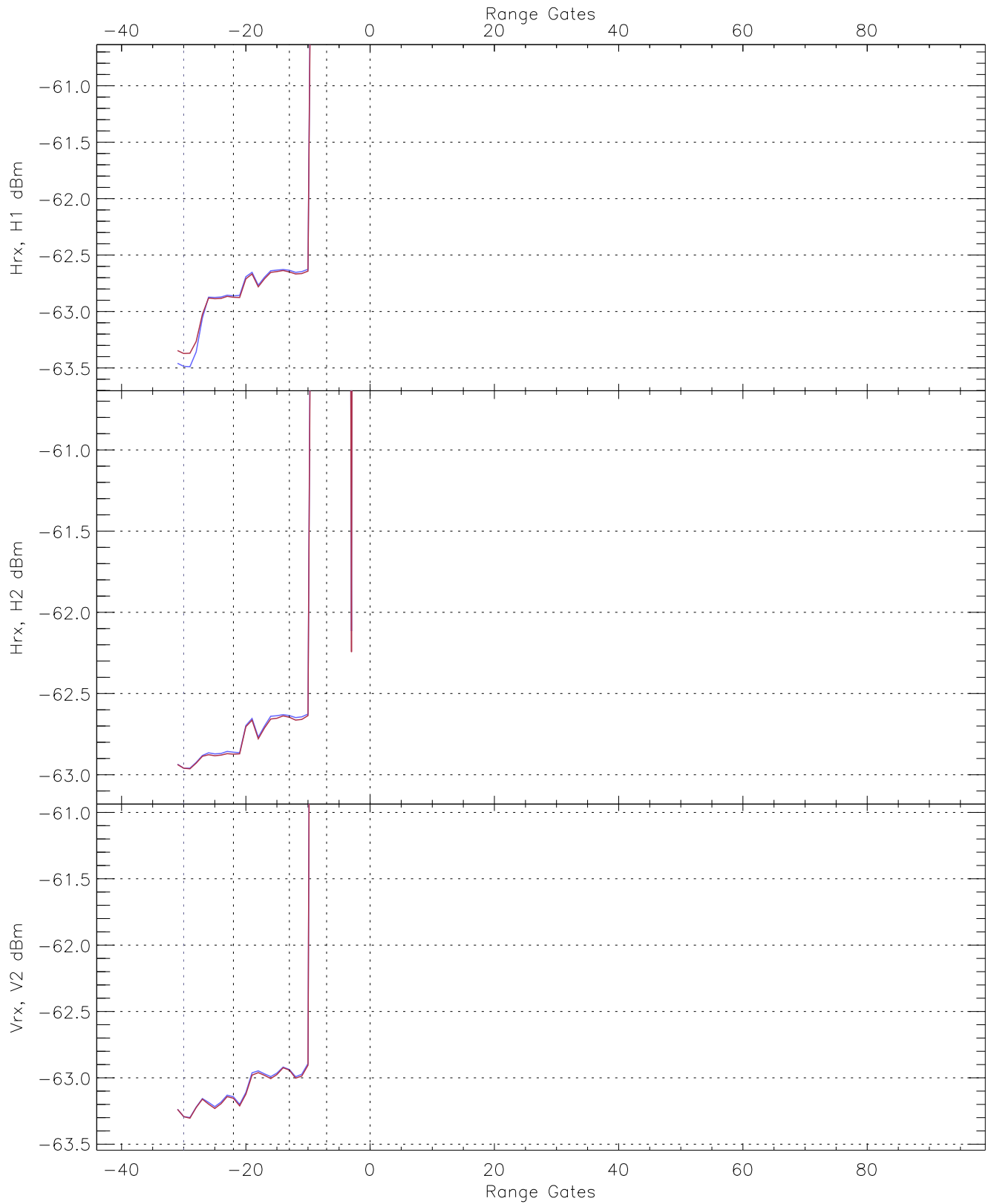


WCR2 CPP "Best" estimate Receivers Noise Power

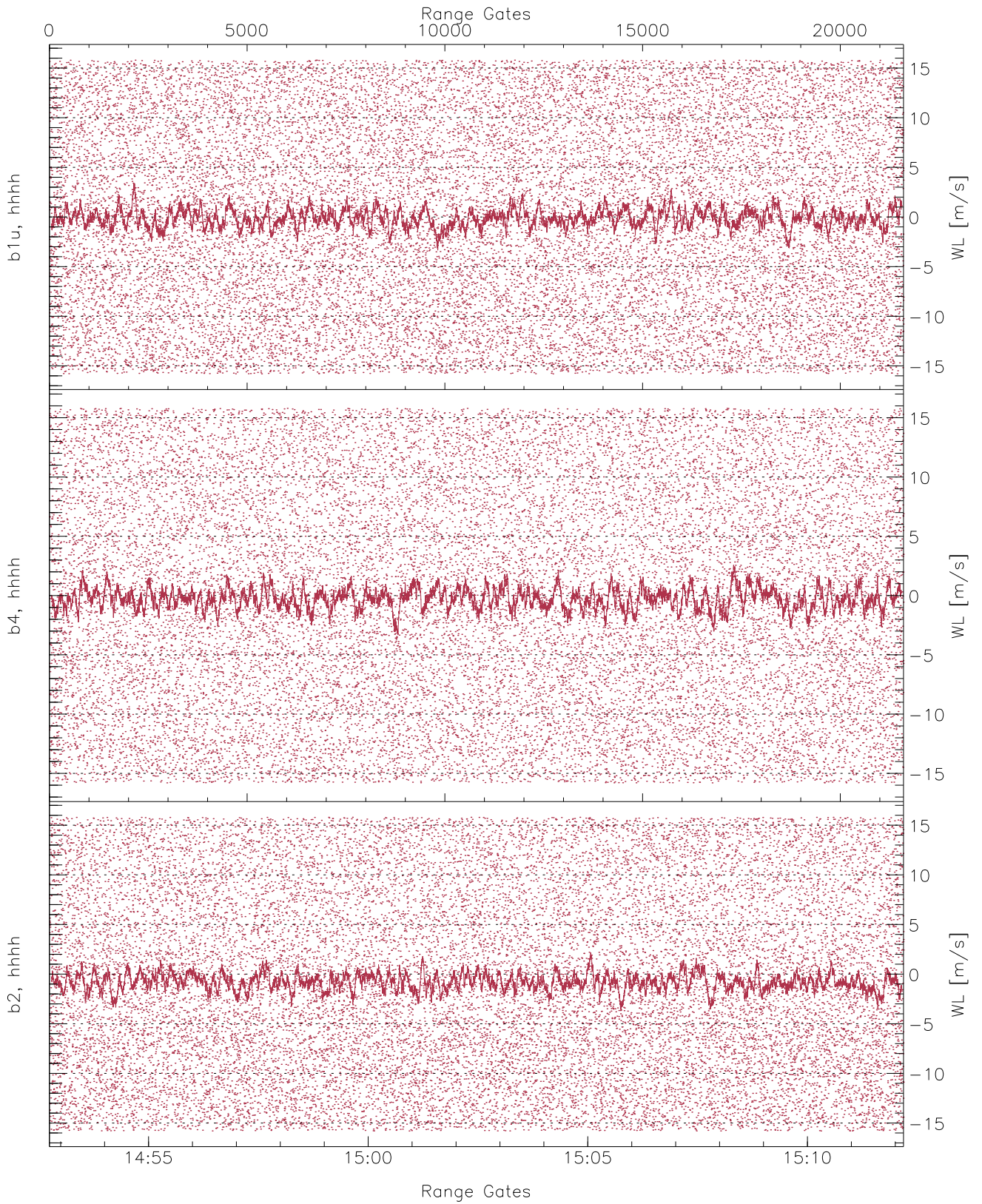
	Min	Max	Mean	Median	StDev
H1RG257_0 [dBm]	-64.47	-62.48	-63.44	-63.45	-75.92
H2RG257_0 [dBm]	-64.01	-62.01	-62.98	-62.98	-75.67
V2RG369_0 [dBm]	-64.35	-62.43	-63.34	-63.35	-76.01



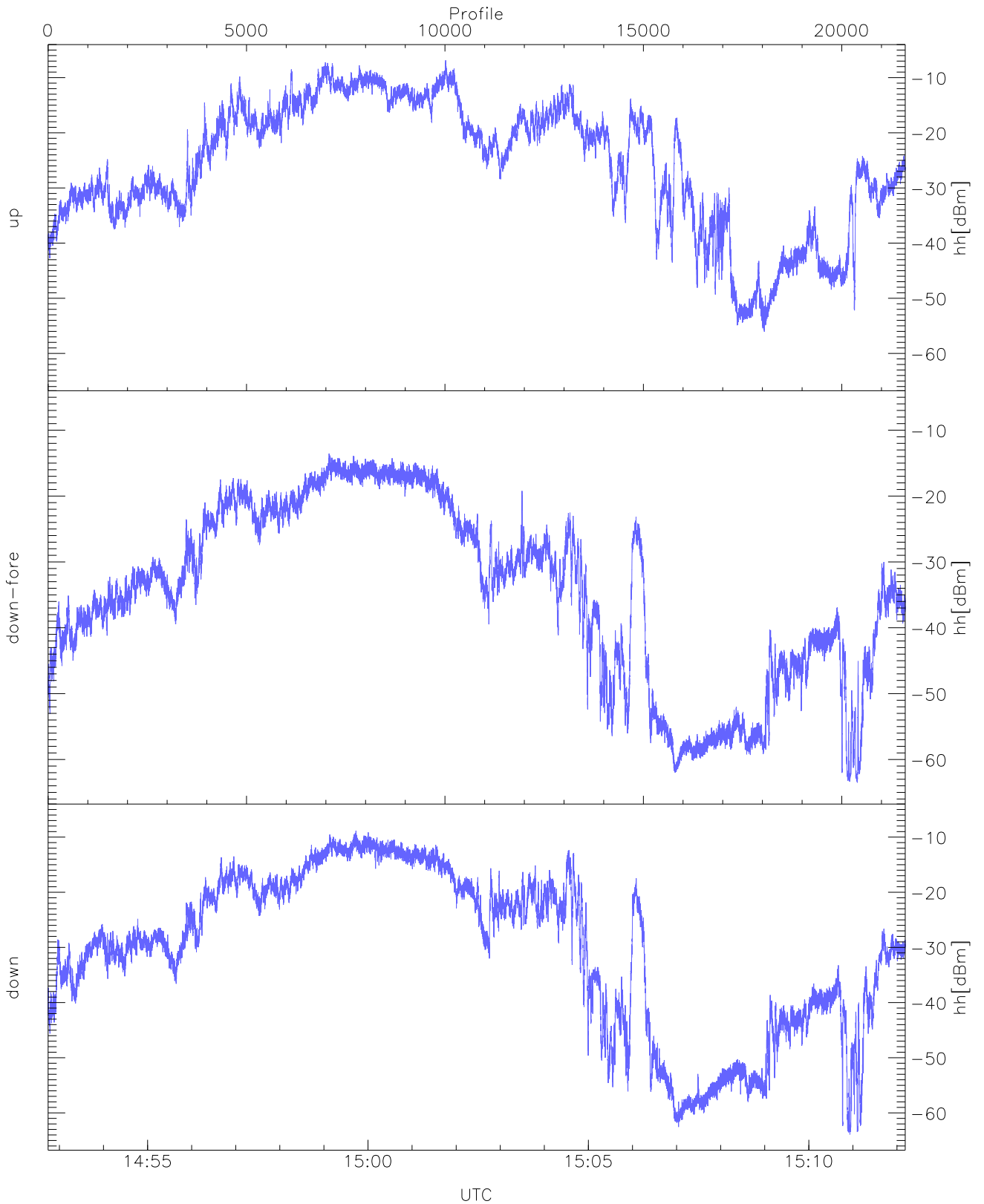
WCR2 CPP Averaged Received power for all recorded gates
blue: 145245-150228, 10801 profiles averaged
red: 150228-151211, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 145245-150228, 10801 profiles averaged
red: 150228-151211, 10800 profiles averaged

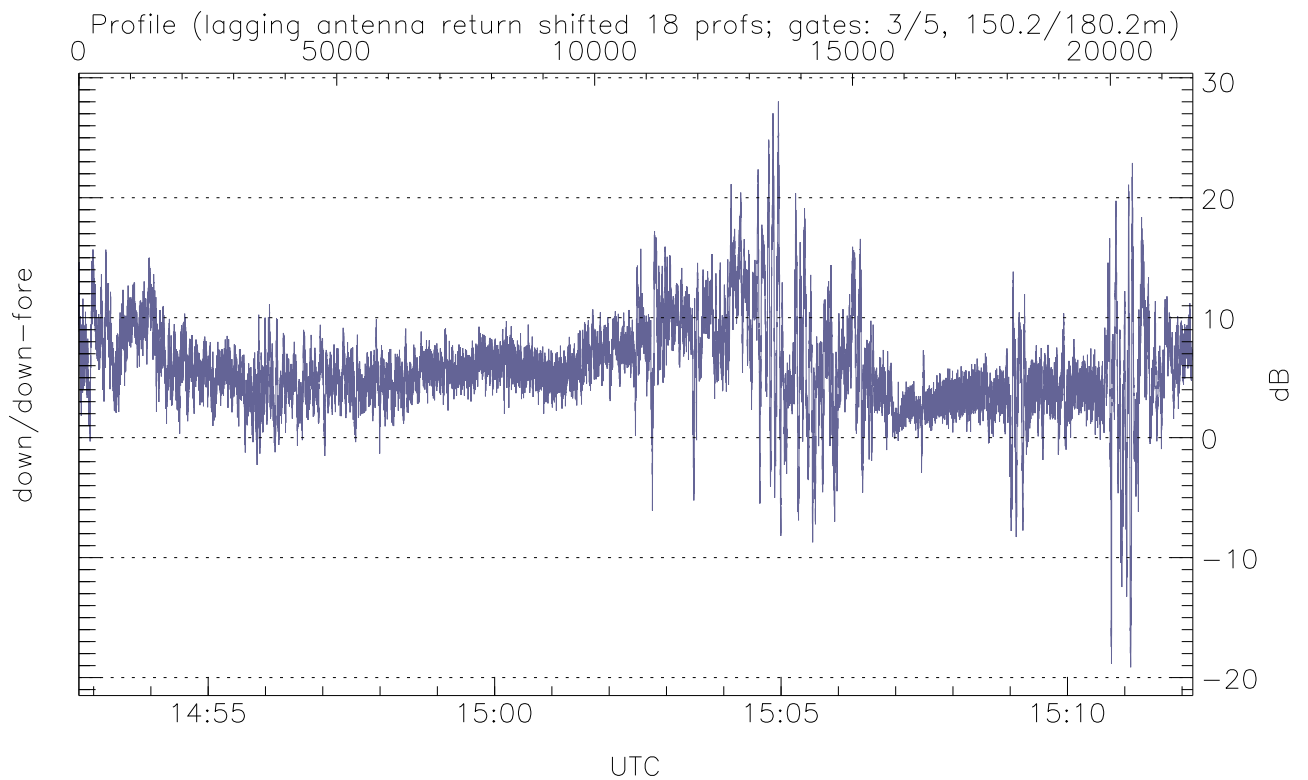
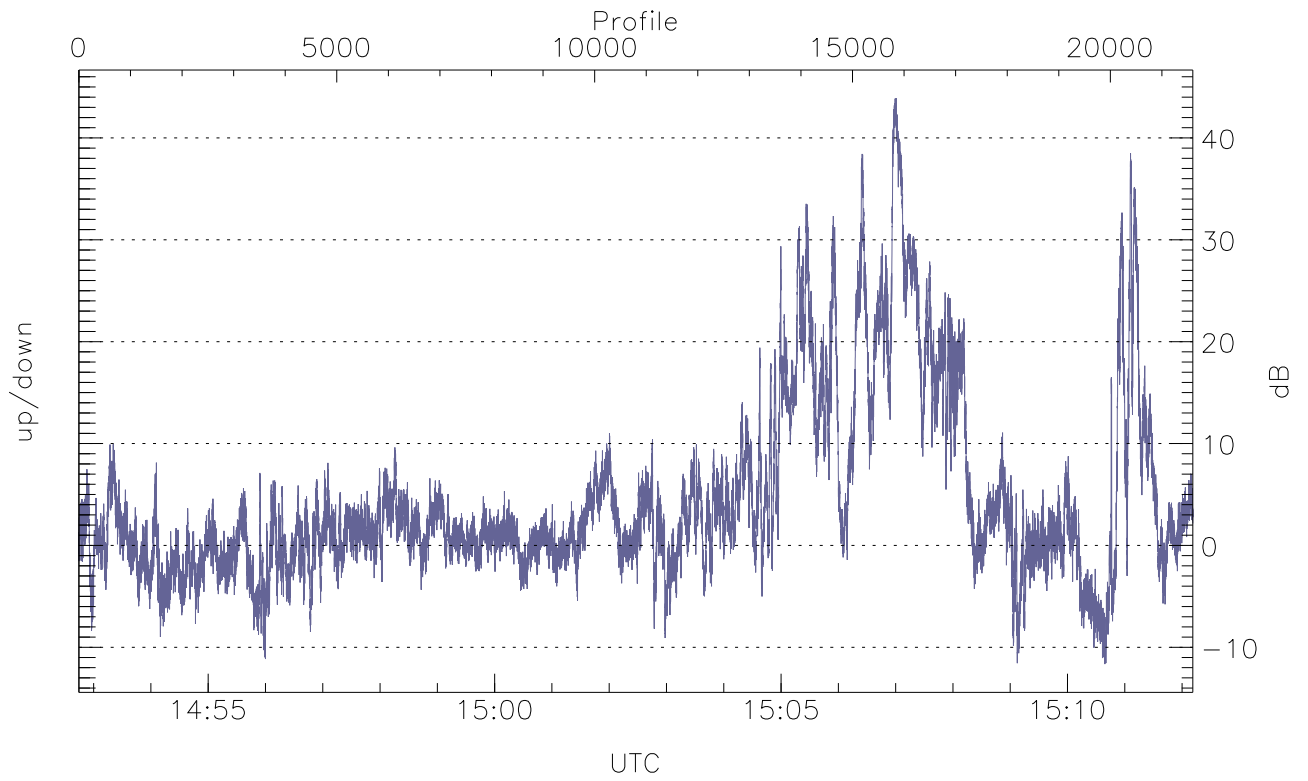


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



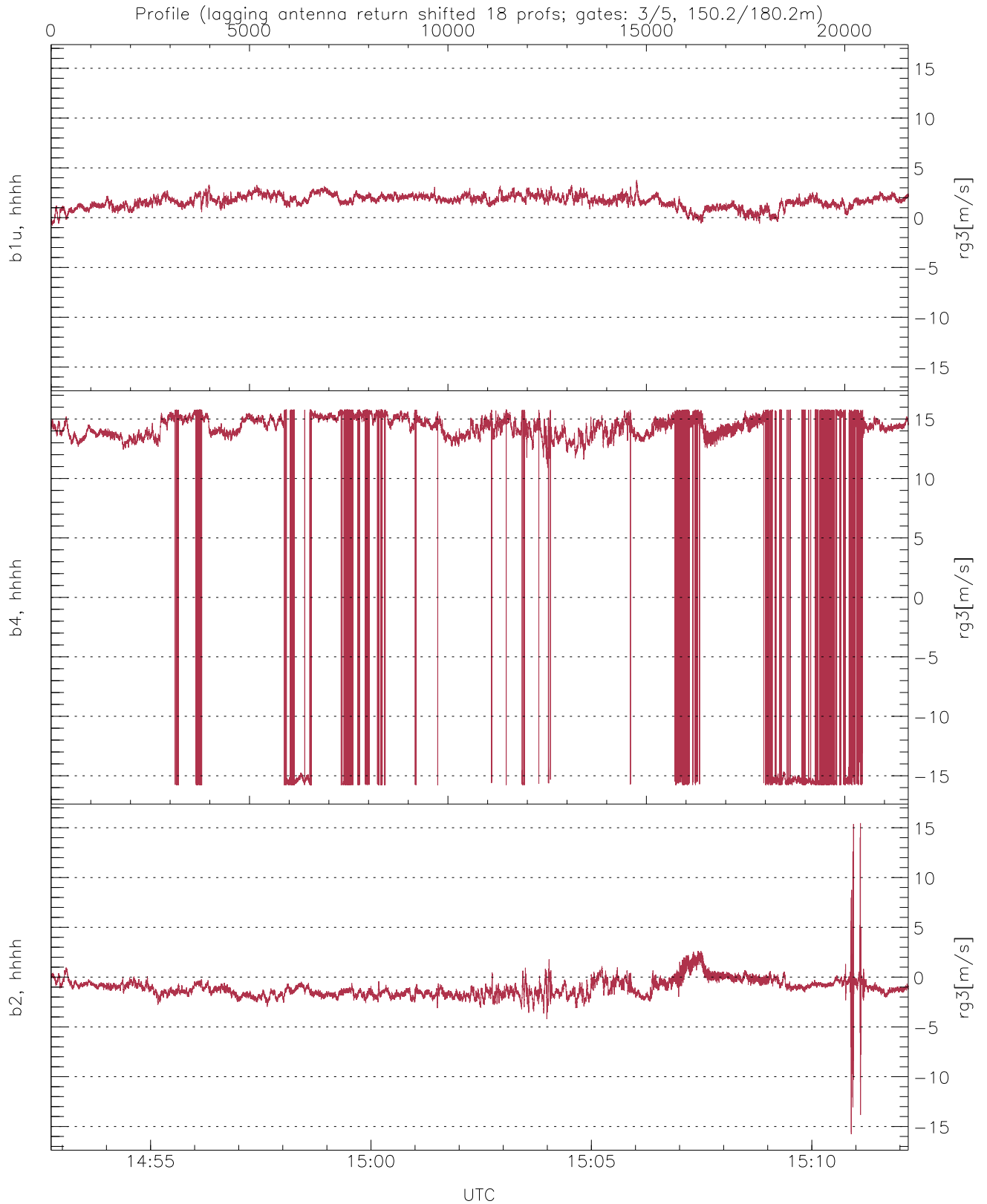
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-56.05	-6.86	-17.28
down-fore(hh[dBm])	-63.51	-13.54	-23.26
down(hh[dBm])	-63.91	-8.83	-19.00



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

	Min	Max	Mean
up/down (dB)	-11.65	43.89	4.53
down/down-fore (dB)	-19.14	28.02	5.80



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-0.77	3.77	1.64	0.65
b4, hhhh(rg3[m/s])	-15.80	15.80	10.64	9.89
b2, hhhh(rg3[m/s])	-15.76	15.46	-1.08	0.92