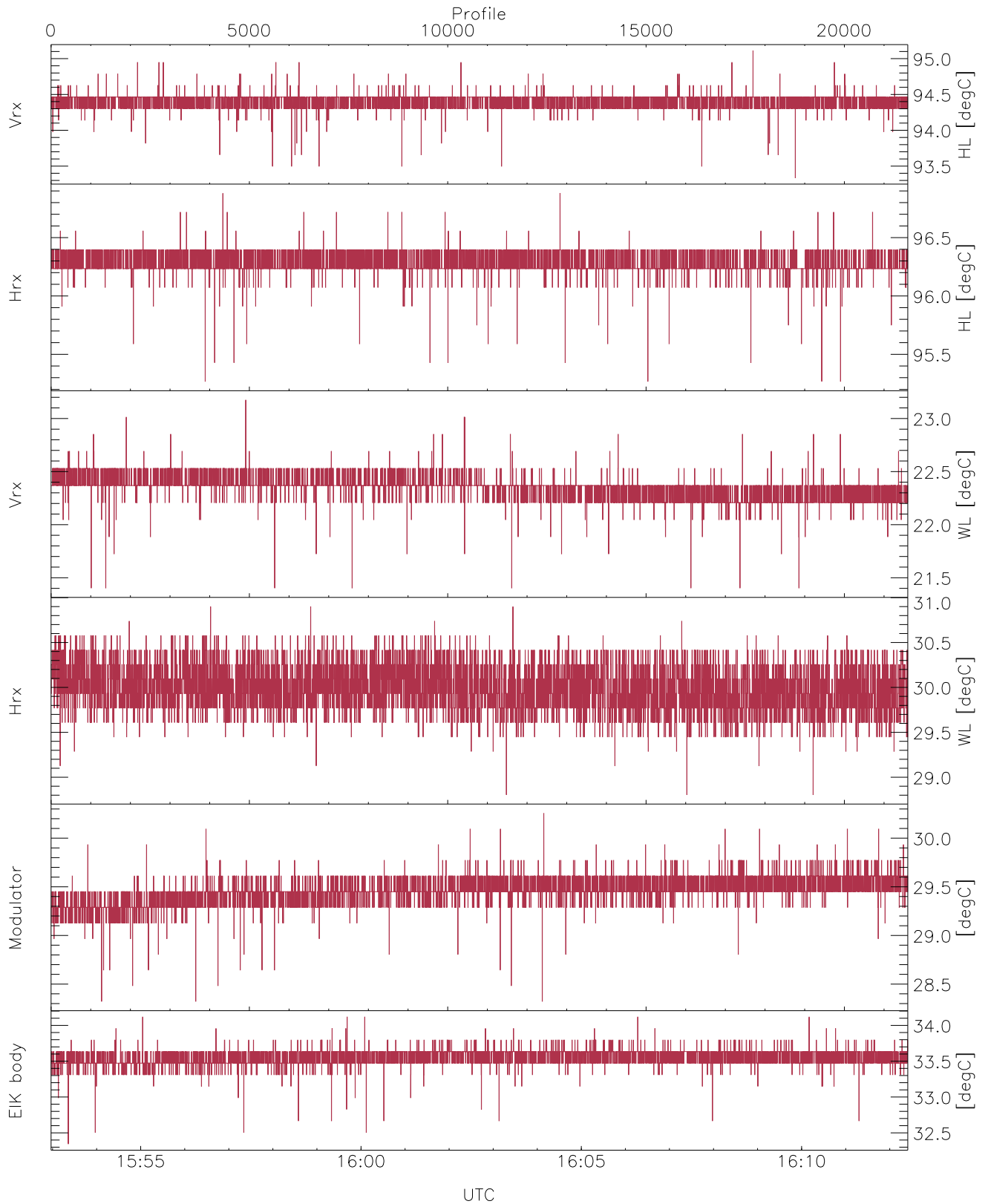


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

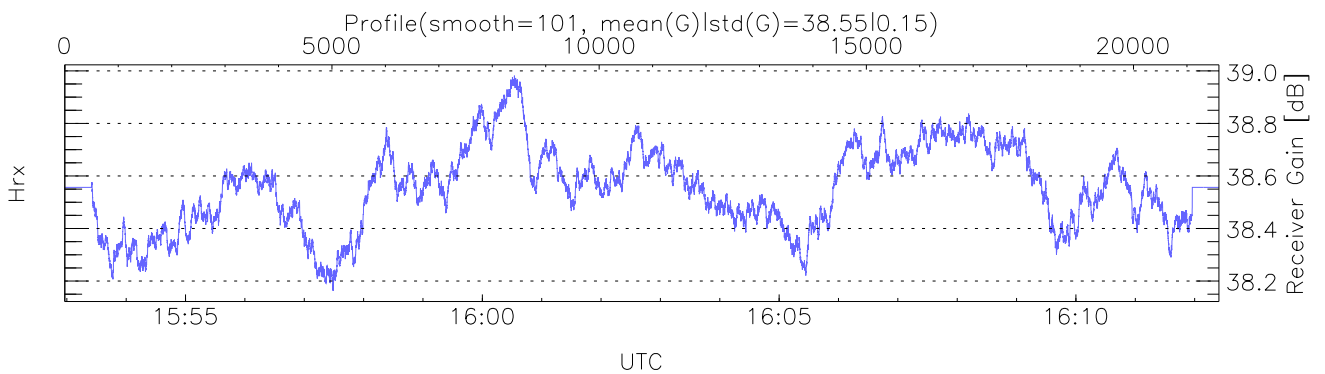
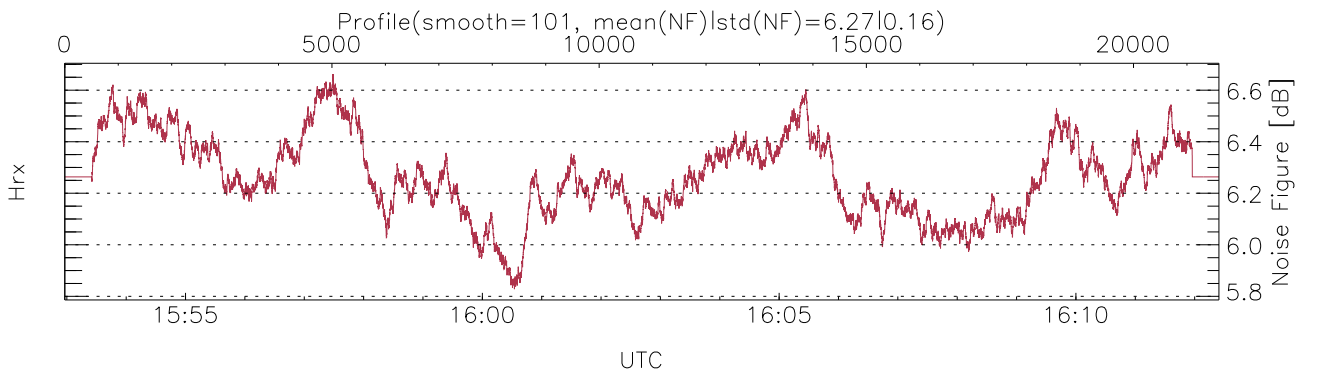
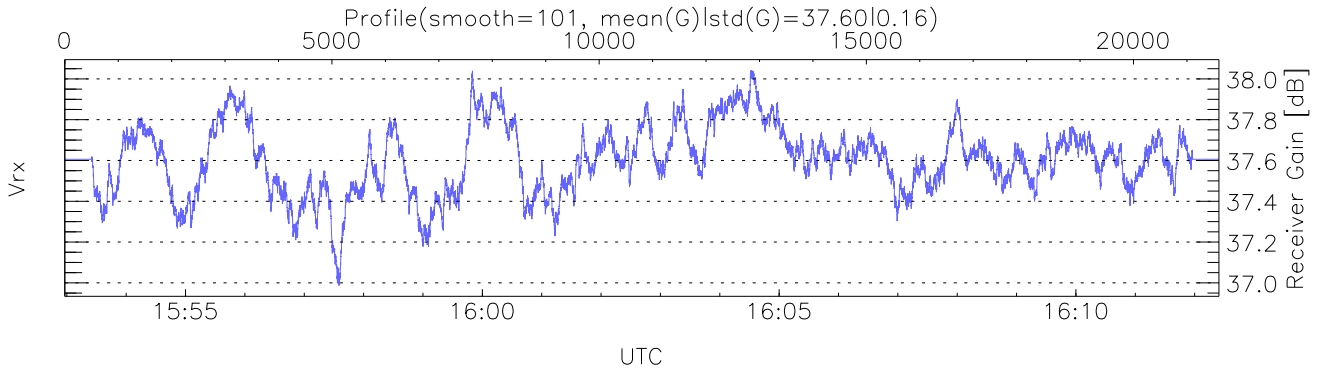
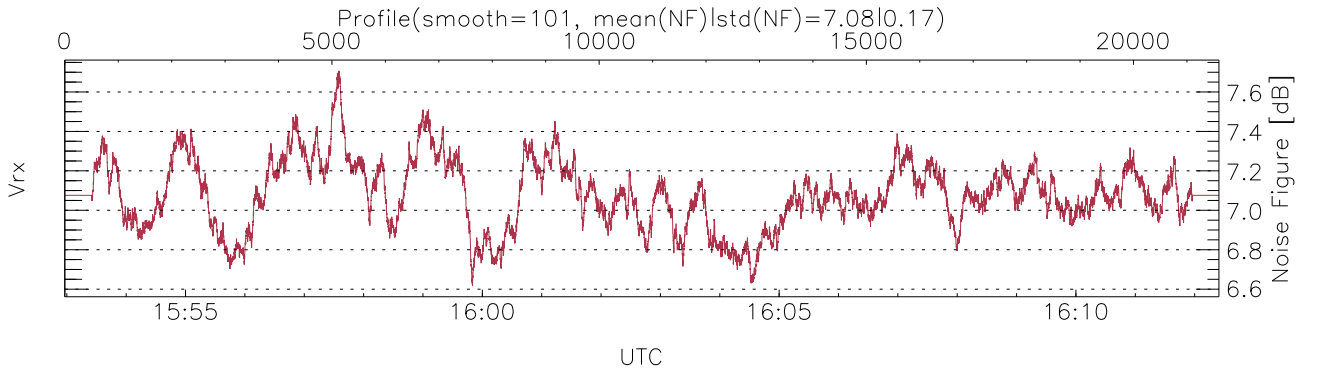
UTC: 15:52:58-16:40:58, Dur: 2880.00s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 21600/53321, 0-21599/15:52:58-16:12:25
 AcqTime: 54.0ms, Rate: 287kB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

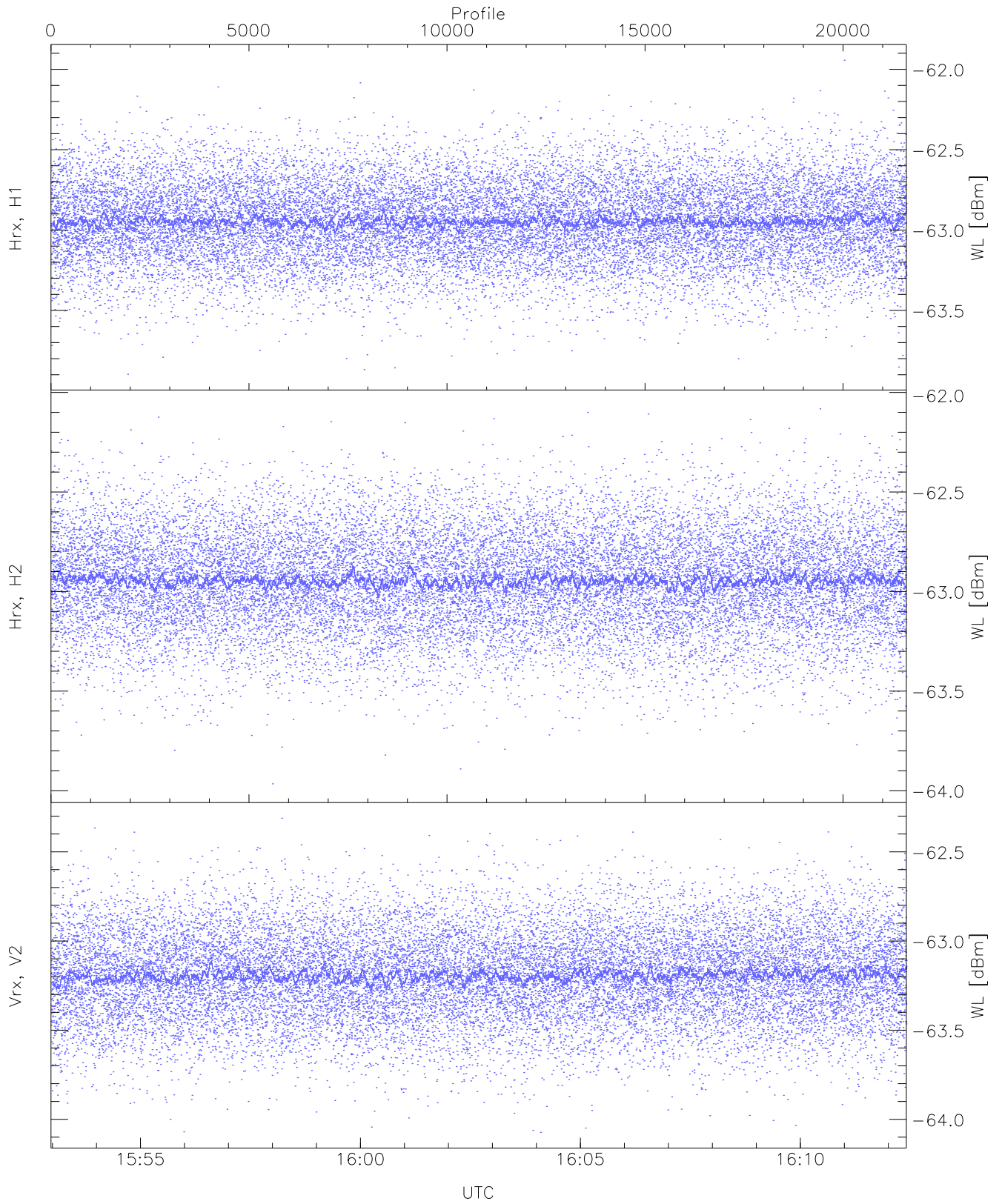
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,21,28,28,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 95,96,23,30,30,34
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (20,20,20,20,20,10)
    
```



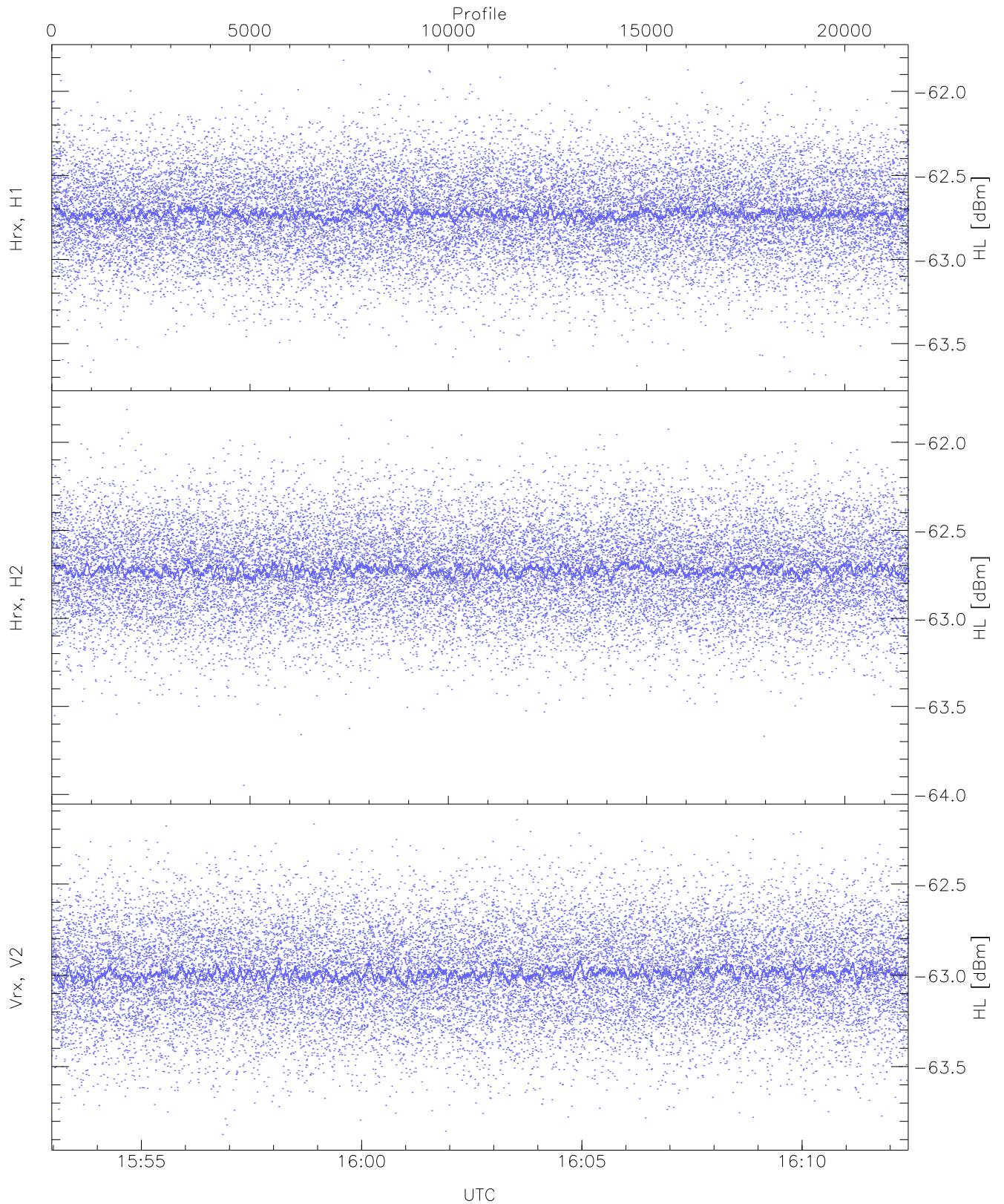
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1515 pixs, 56 gates, 1505 profs, 2 prods



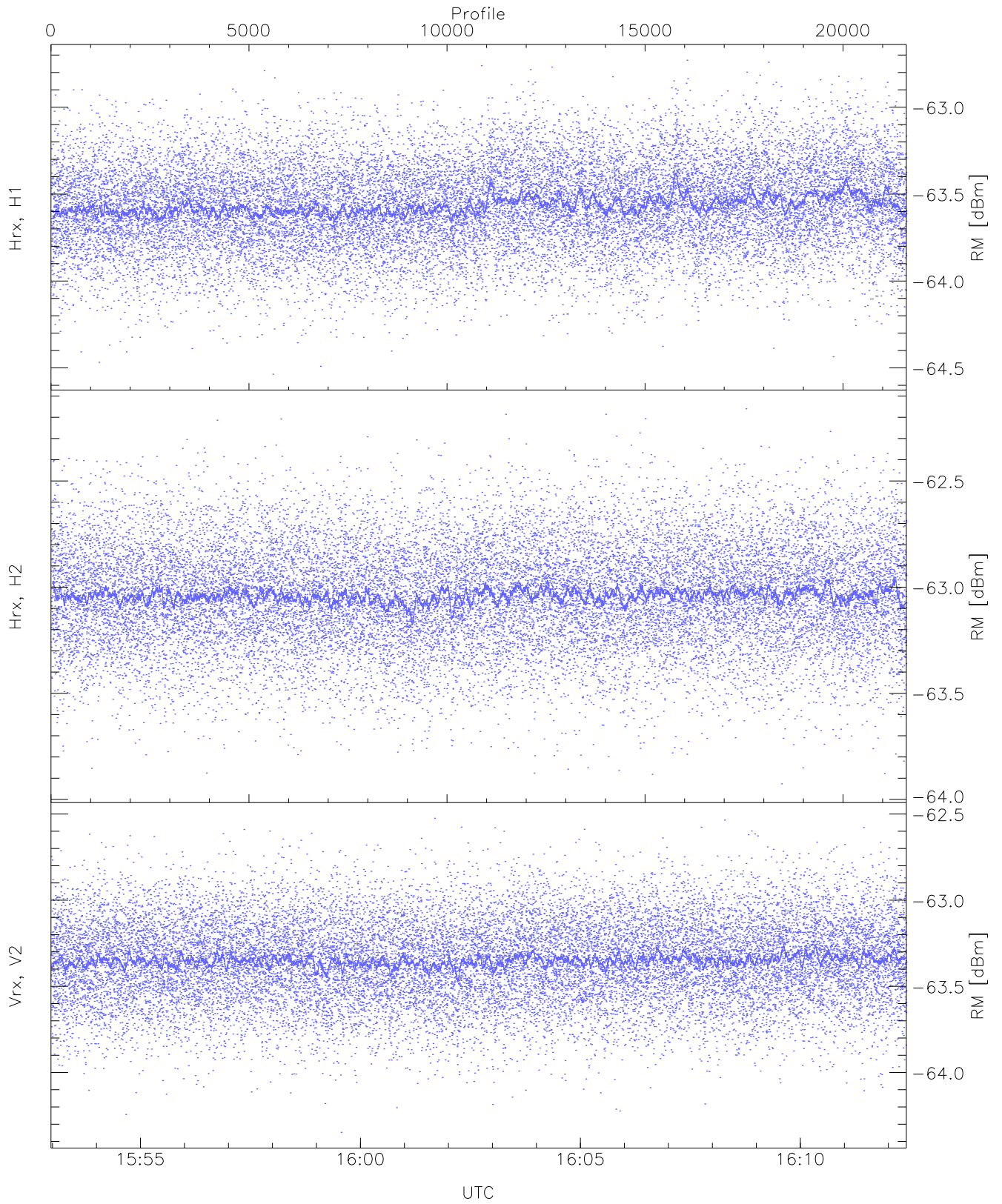
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.90	-61.94	-62.94	-62.95	-75.67
Hrx, H2(WL [dBm])	-63.97	-62.08	-62.94	-62.94	-75.65
Vrx, V2(WL [dBm])	-64.07	-62.31	-63.19	-63.20	-75.93



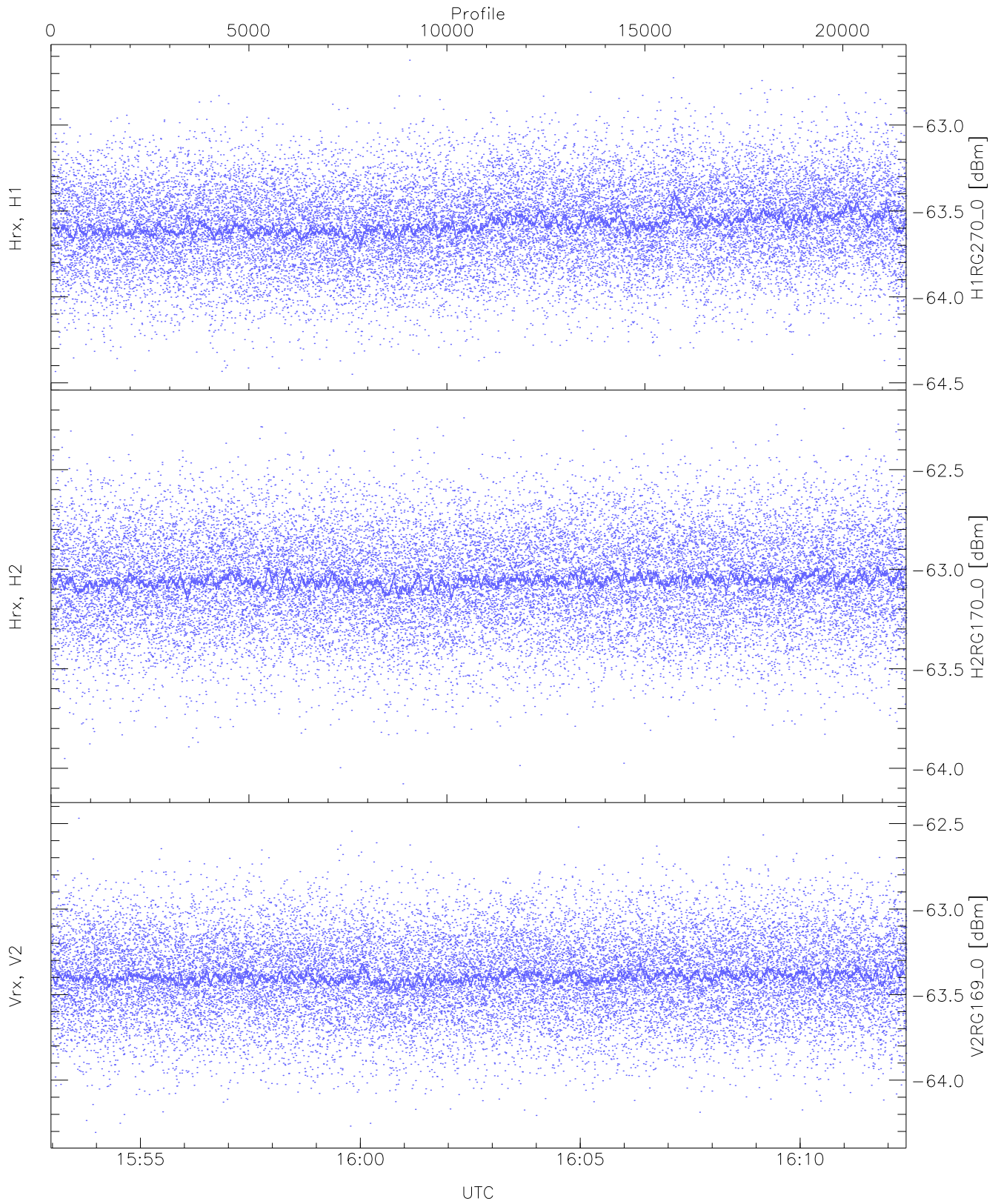
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.69	-61.82	-62.73	-62.73	-75.43
Hrx, H2 (HL [dBm])	-63.95	-61.81	-62.72	-62.73	-75.43
Vrx, V2 (HL [dBm])	-63.87	-62.15	-62.99	-62.99	-75.64



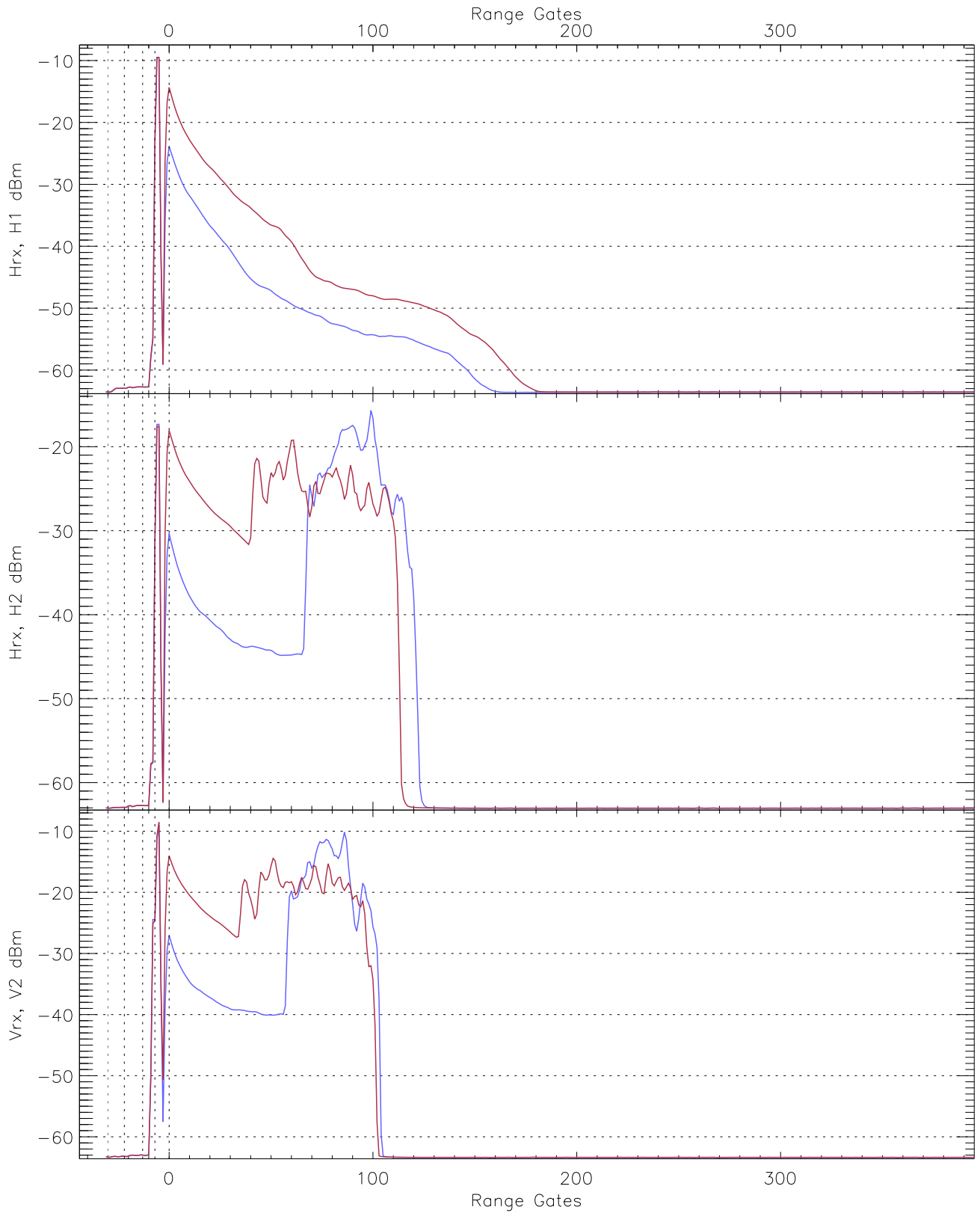
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.54	-62.73	-63.56	-63.57	-76.21
Hrx, H2(RM [dBm])	-63.93	-62.16	-63.04	-63.04	-75.77
Vrx, V2(RM [dBm])	-64.35	-62.52	-63.35	-63.35	-76.07

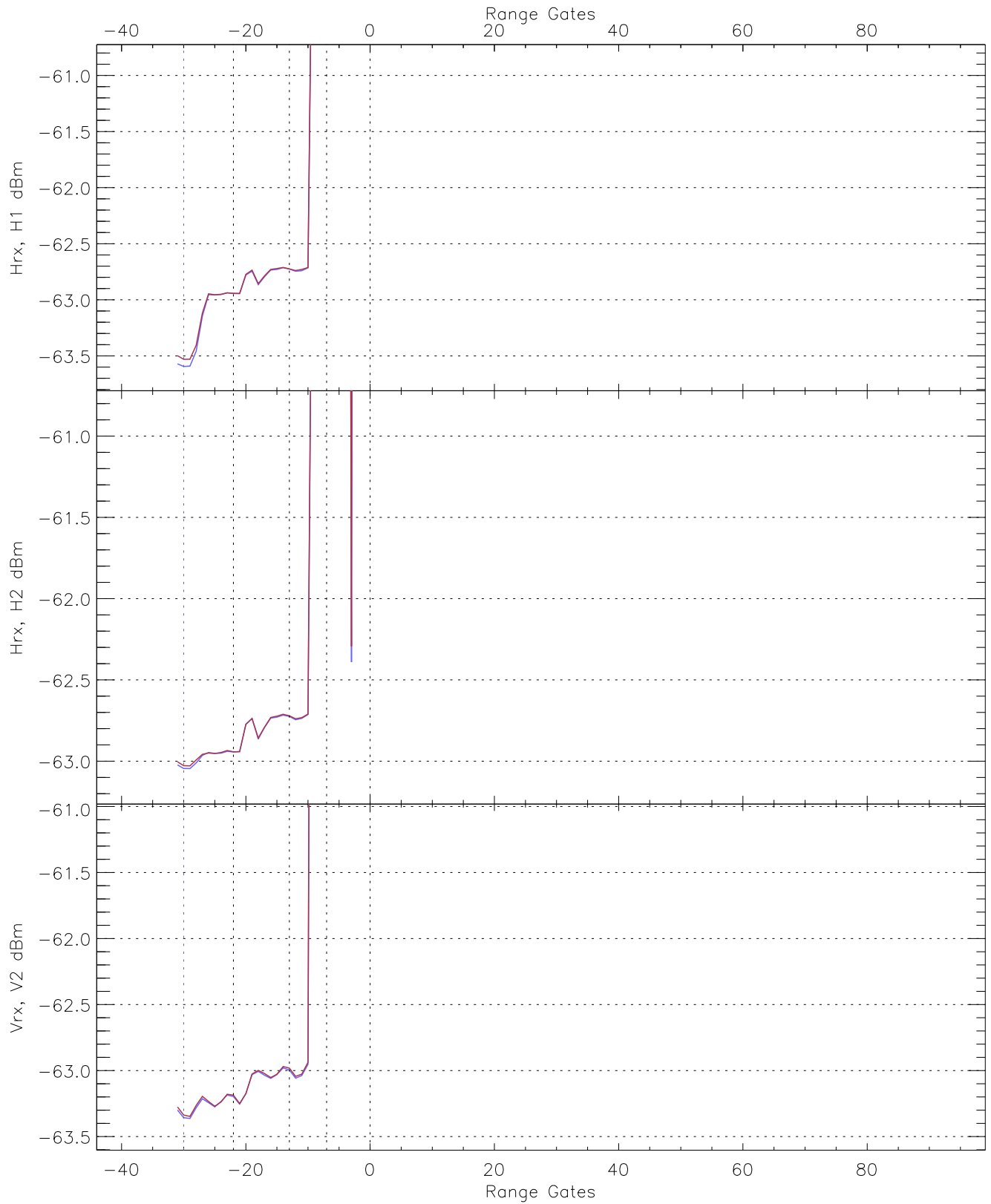


WCR2 CPP "Best" estimate Receivers Noise Power

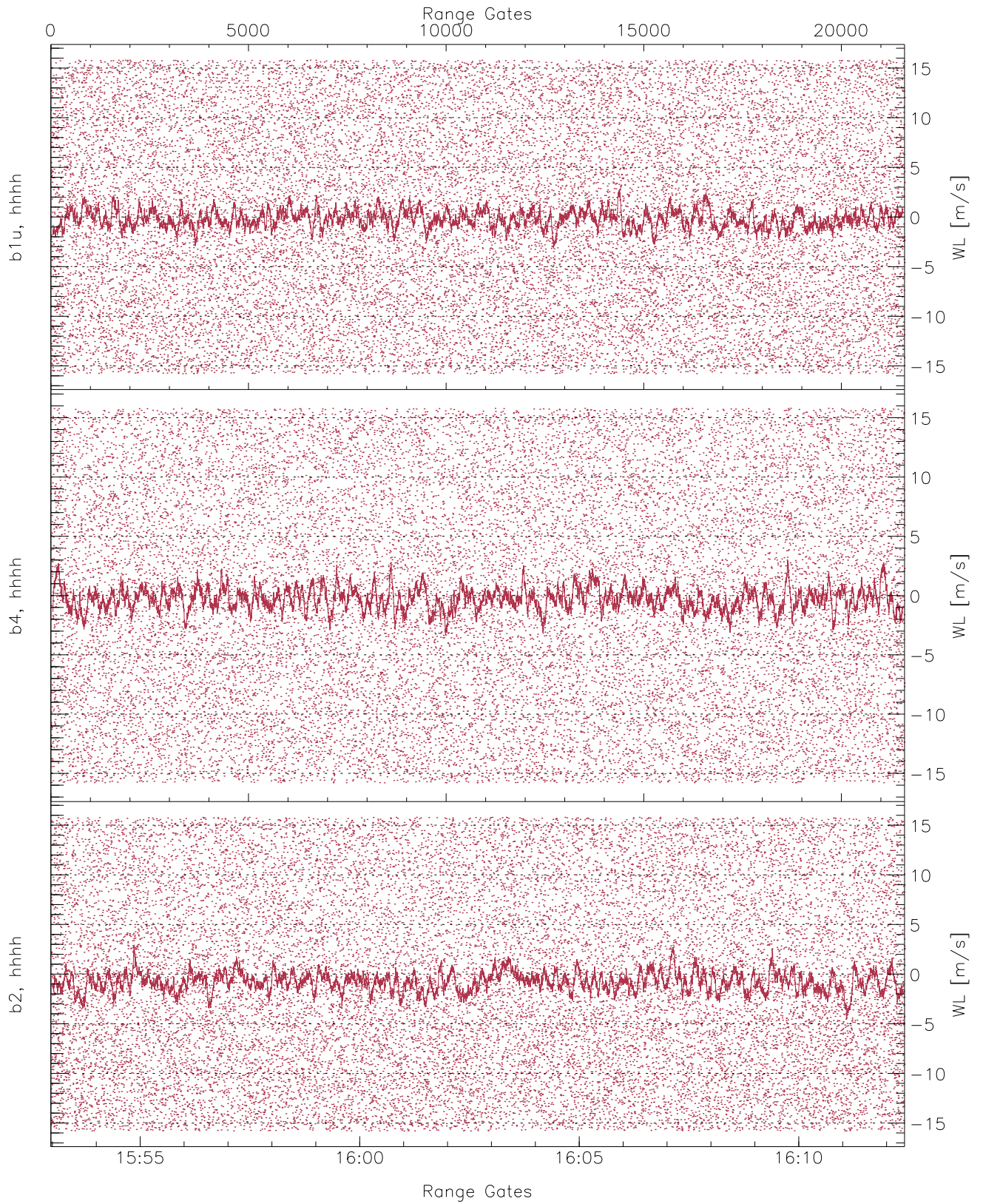
	Min	Max	Mean	Median	StDev
H1RG270_0 [dBm]	-64.45	-62.62	-63.58	-63.58	-76.20
H2RG170_0 [dBm]	-64.08	-62.19	-63.05	-63.06	-75.78
V2RG169_0 [dBm]	-64.31	-62.47	-63.39	-63.40	-76.11



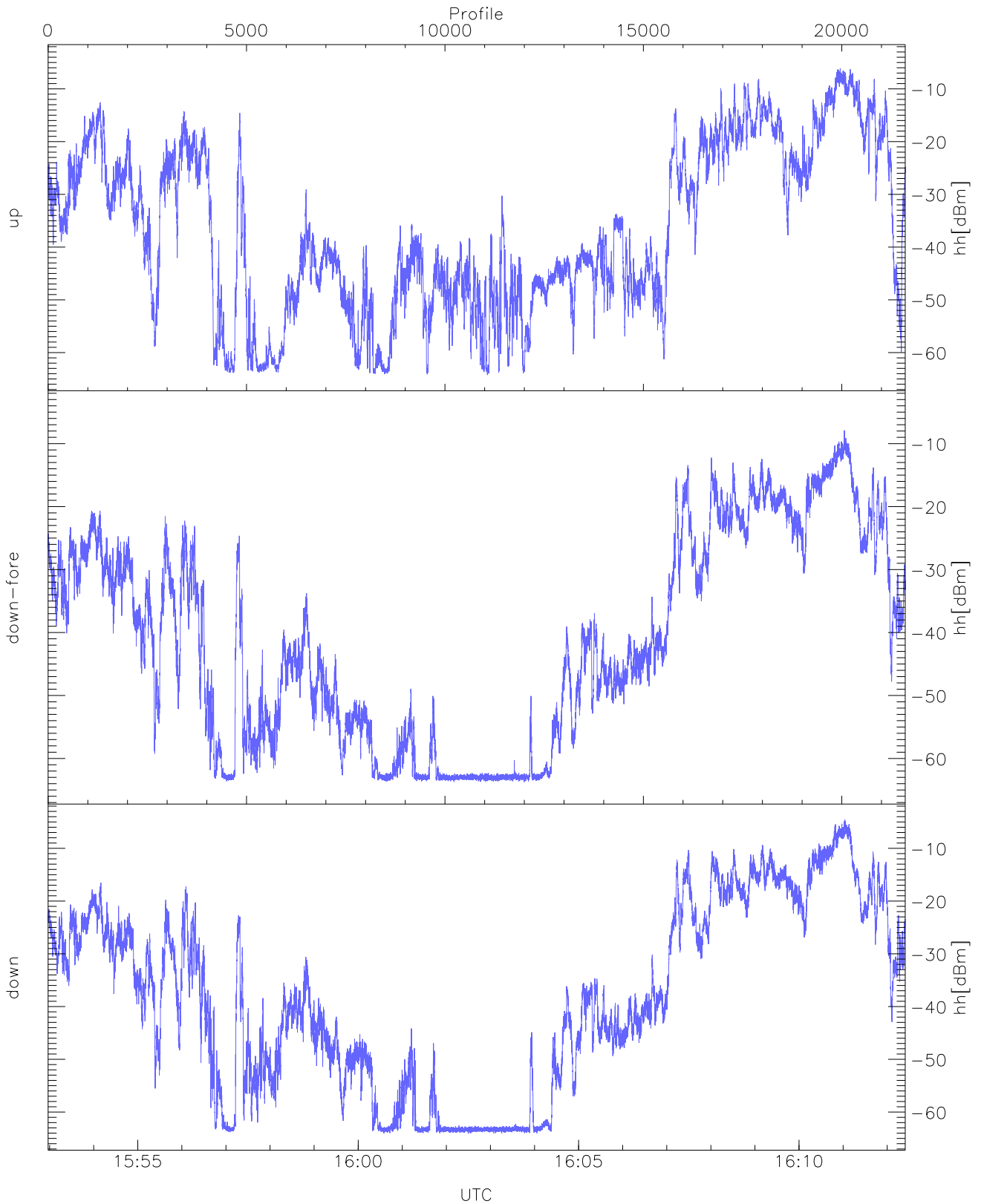
WCR2 CPP Averaged Received power for all recorded gates
blue: 155258-160241, 10801 profiles averaged
red: 160241-161225, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 155258-160241, 10801 profiles averaged
red: 160241-161225, 10800 profiles averaged

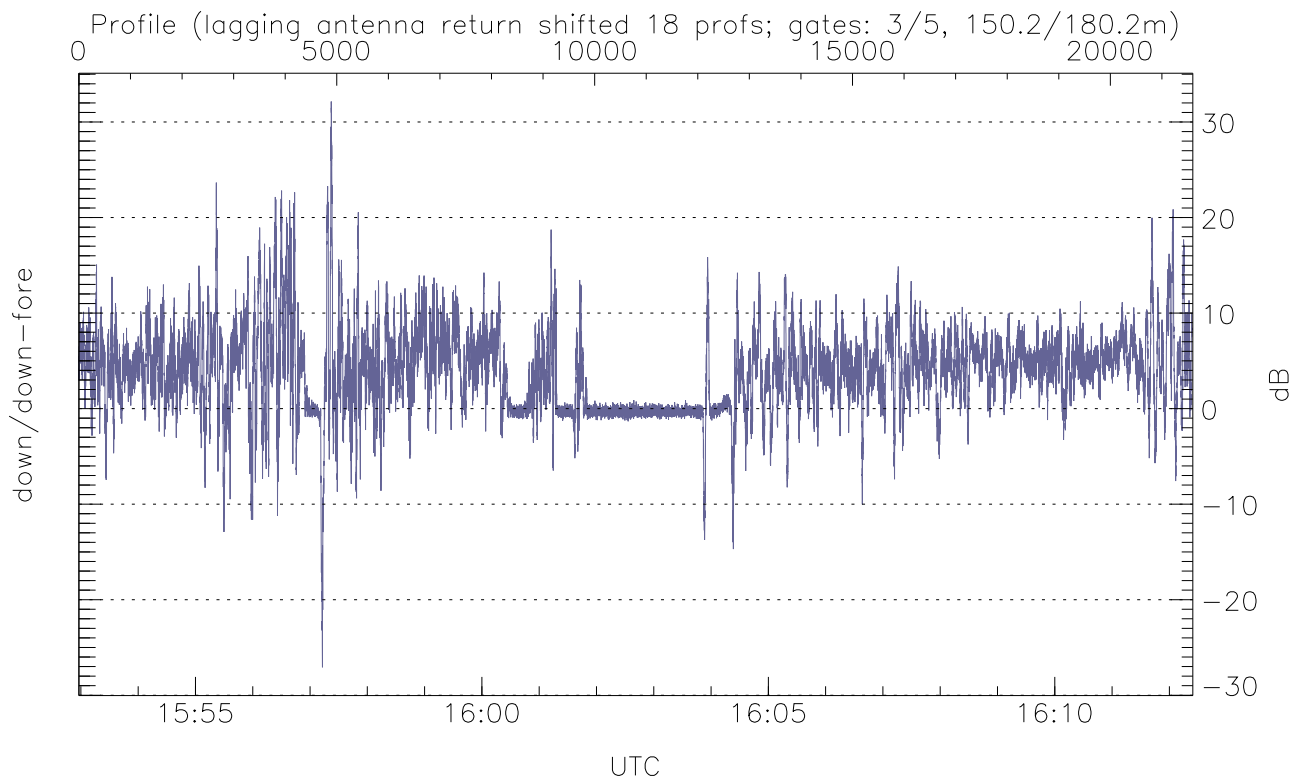
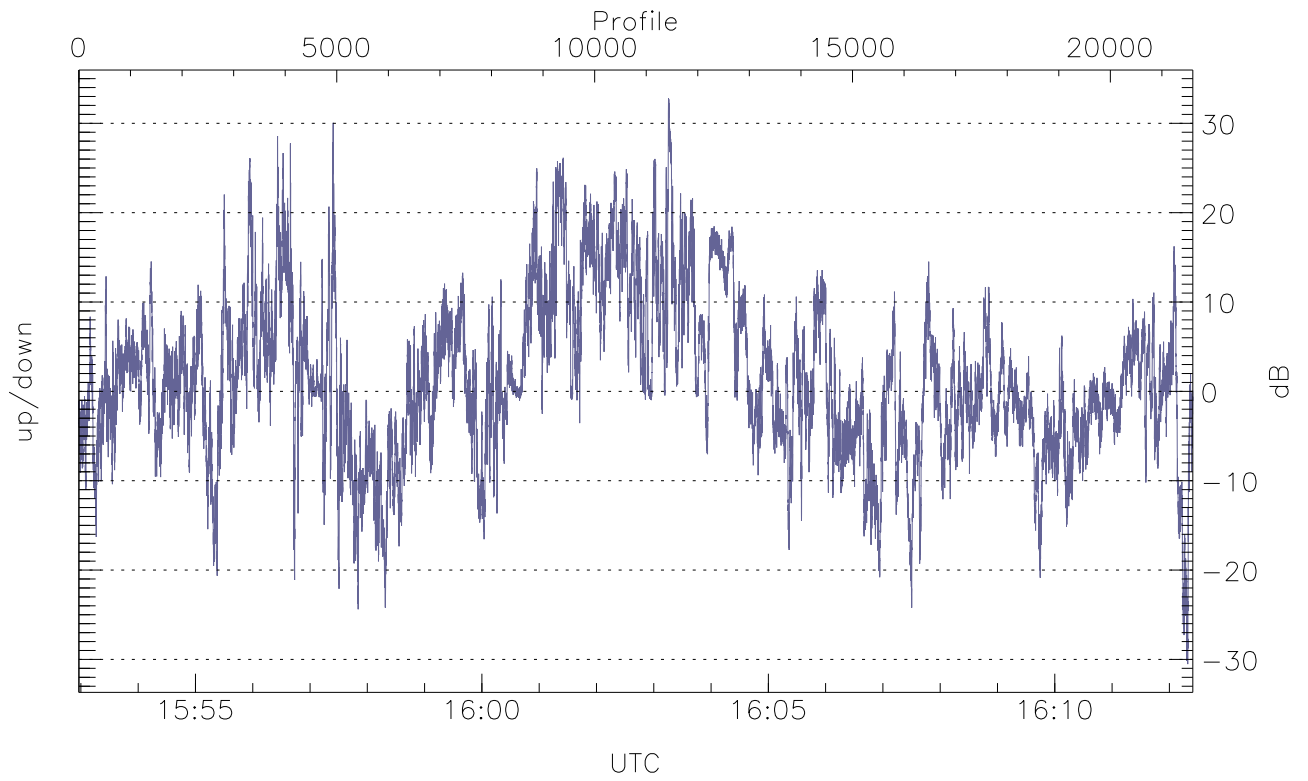


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



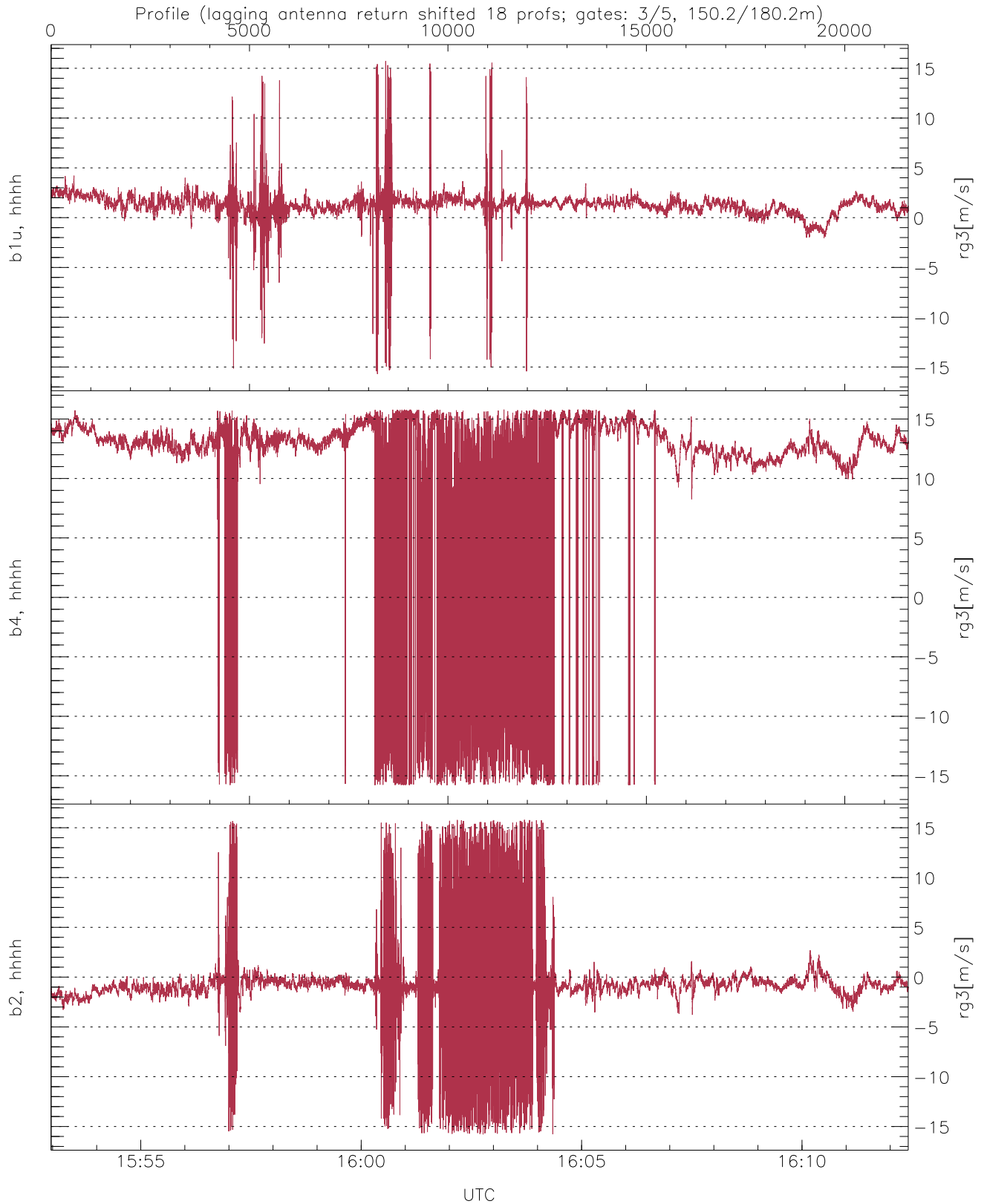
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.25	-6.15	-20.27
down-fore(hh[dBm])	-63.74	-7.91	-23.25
down(hh[dBm])	-64.10	-4.58	-19.52



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

	Min	Max	Mean
up/down (dB)	-30.52	32.80	1.53
down/down-fore (dB)	-27.07	32.15	3.84



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.70	15.72	1.25	1.40
b4, hhhh(rg3[m/s])	-15.80	15.80	10.35	7.48
b2, hhhh(rg3[m/s])	-15.79	15.80	-0.83	3.55