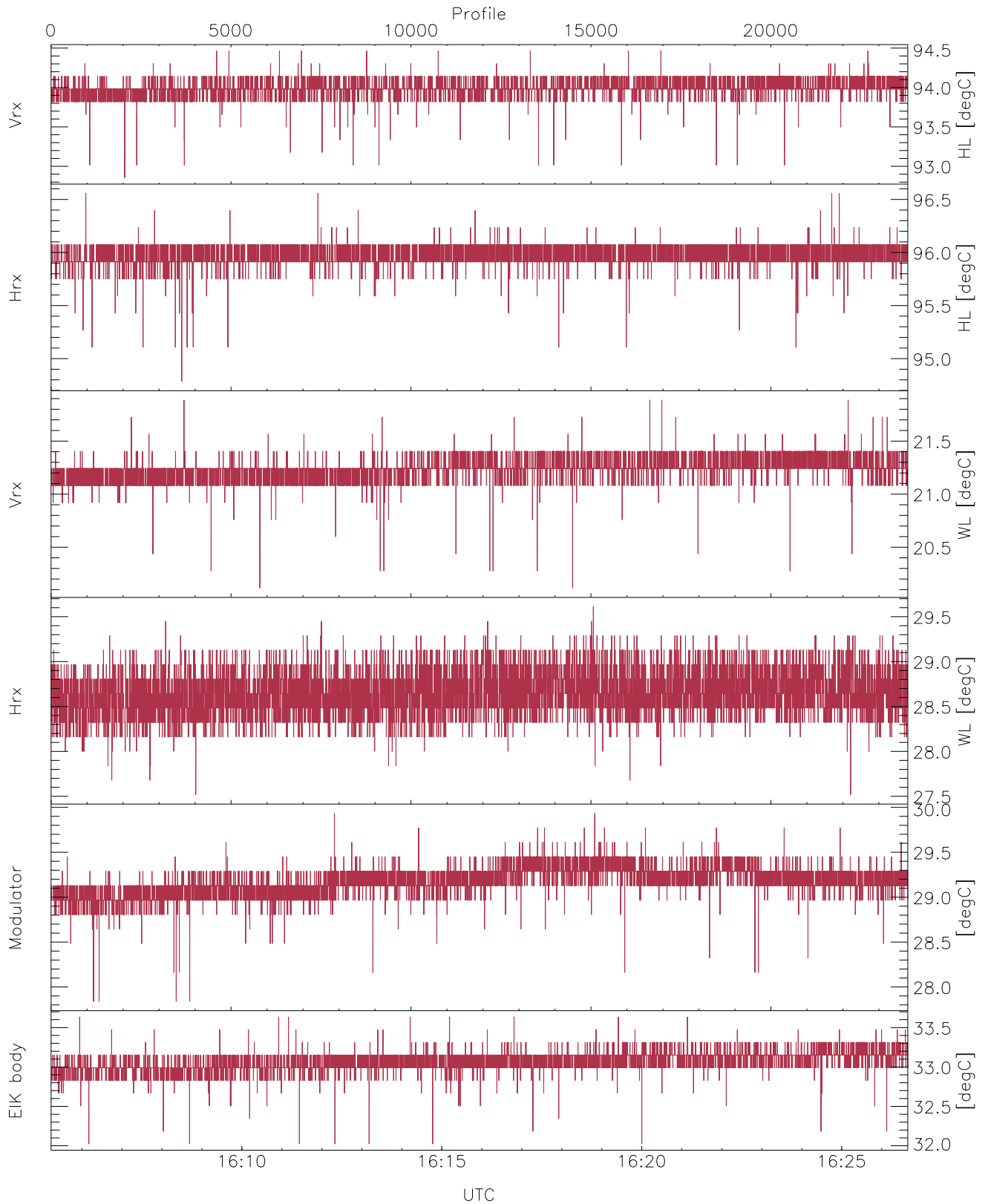


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

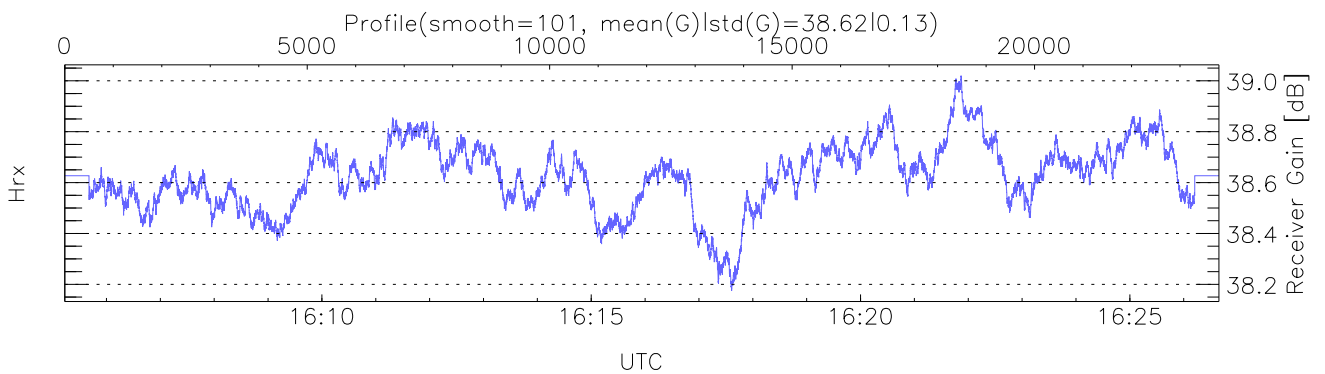
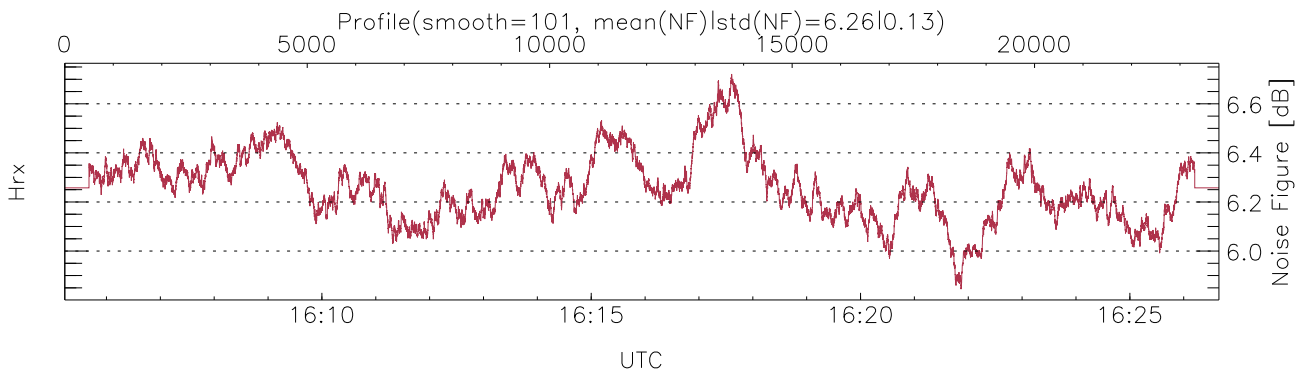
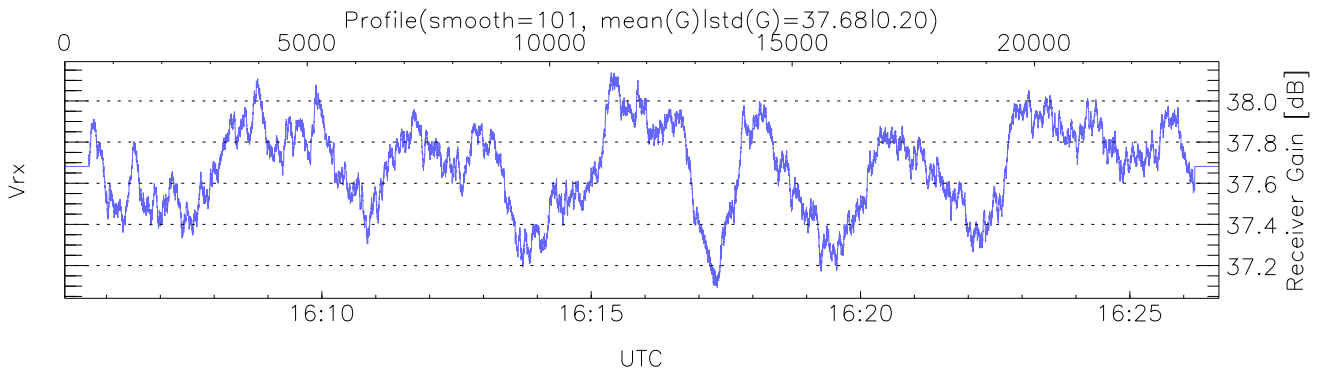
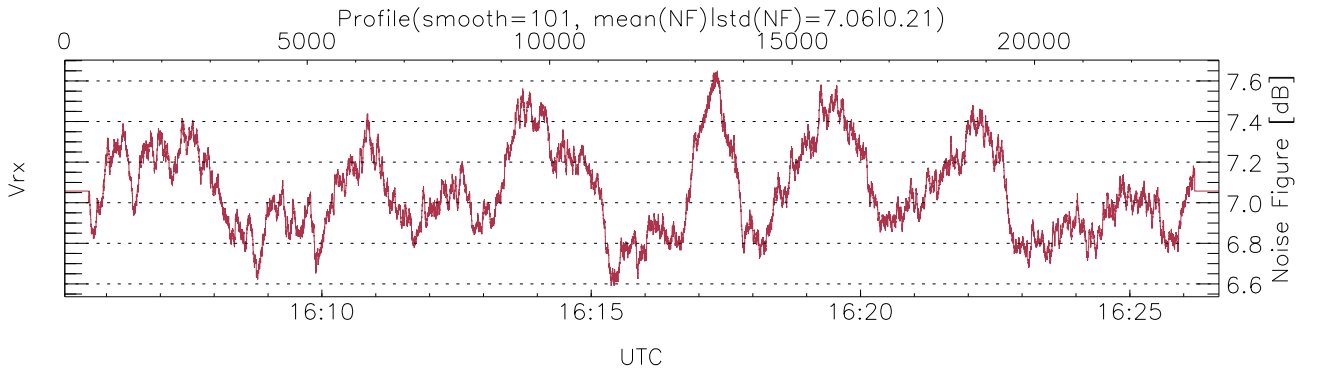
UTC: 16:05:14-16:26:39, Dur: 1285.68s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 23804/23804, 0-23803/16:05:14-16:26:39
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

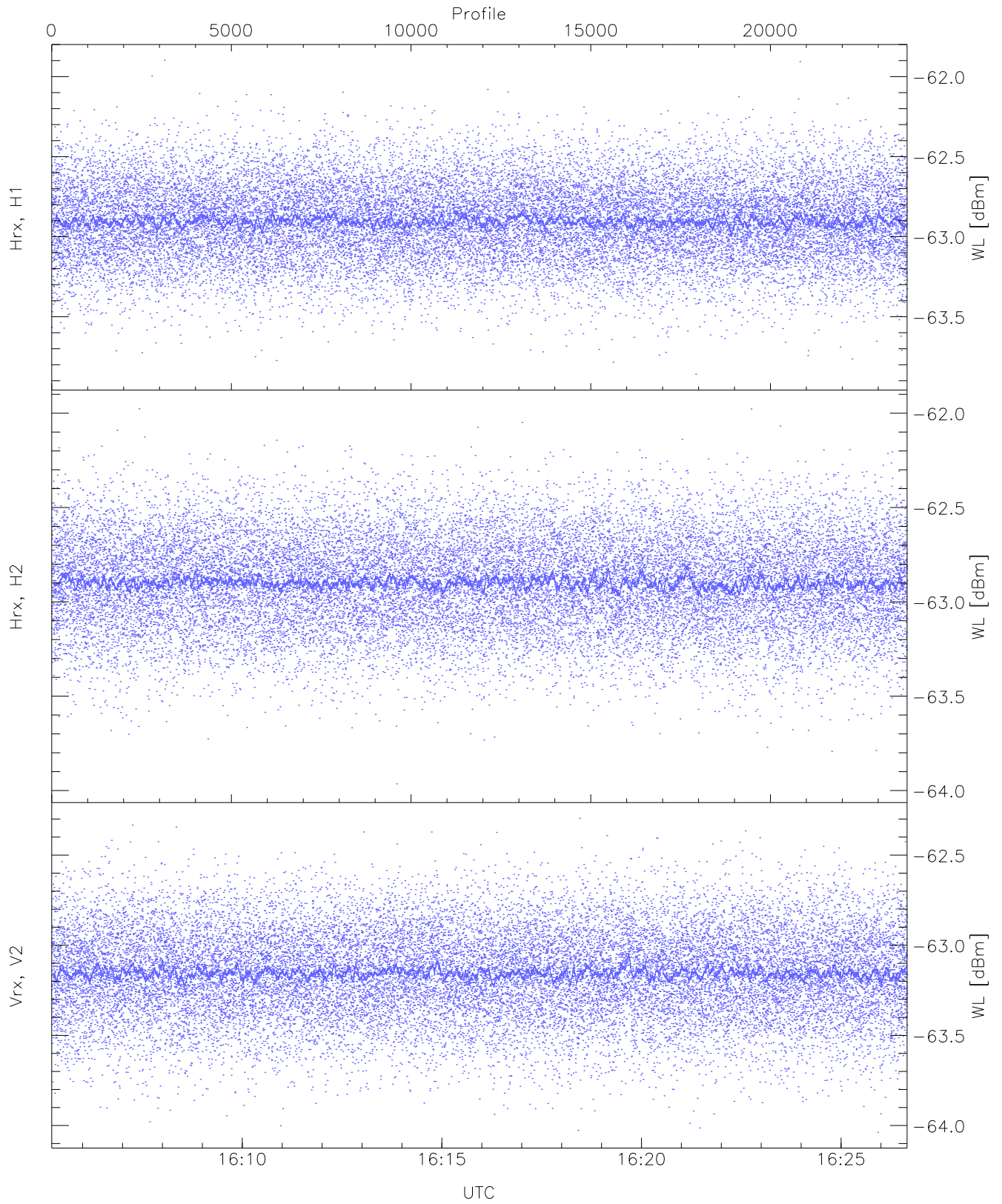
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,20,27,27,32
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 (20,20,24,24,20,13)
    
```



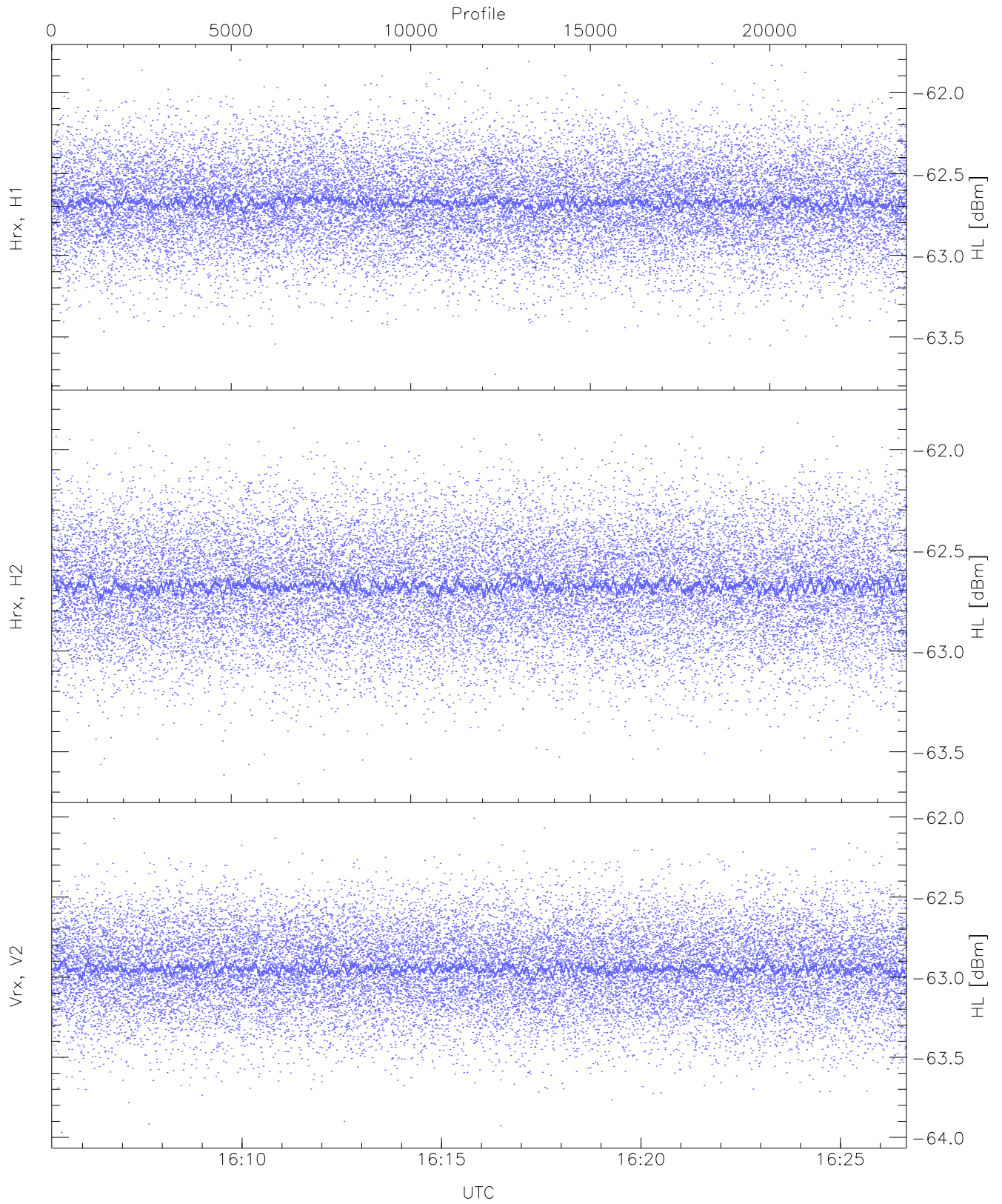
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 535 pixs, 52 gates, 530 profs, 2 prods



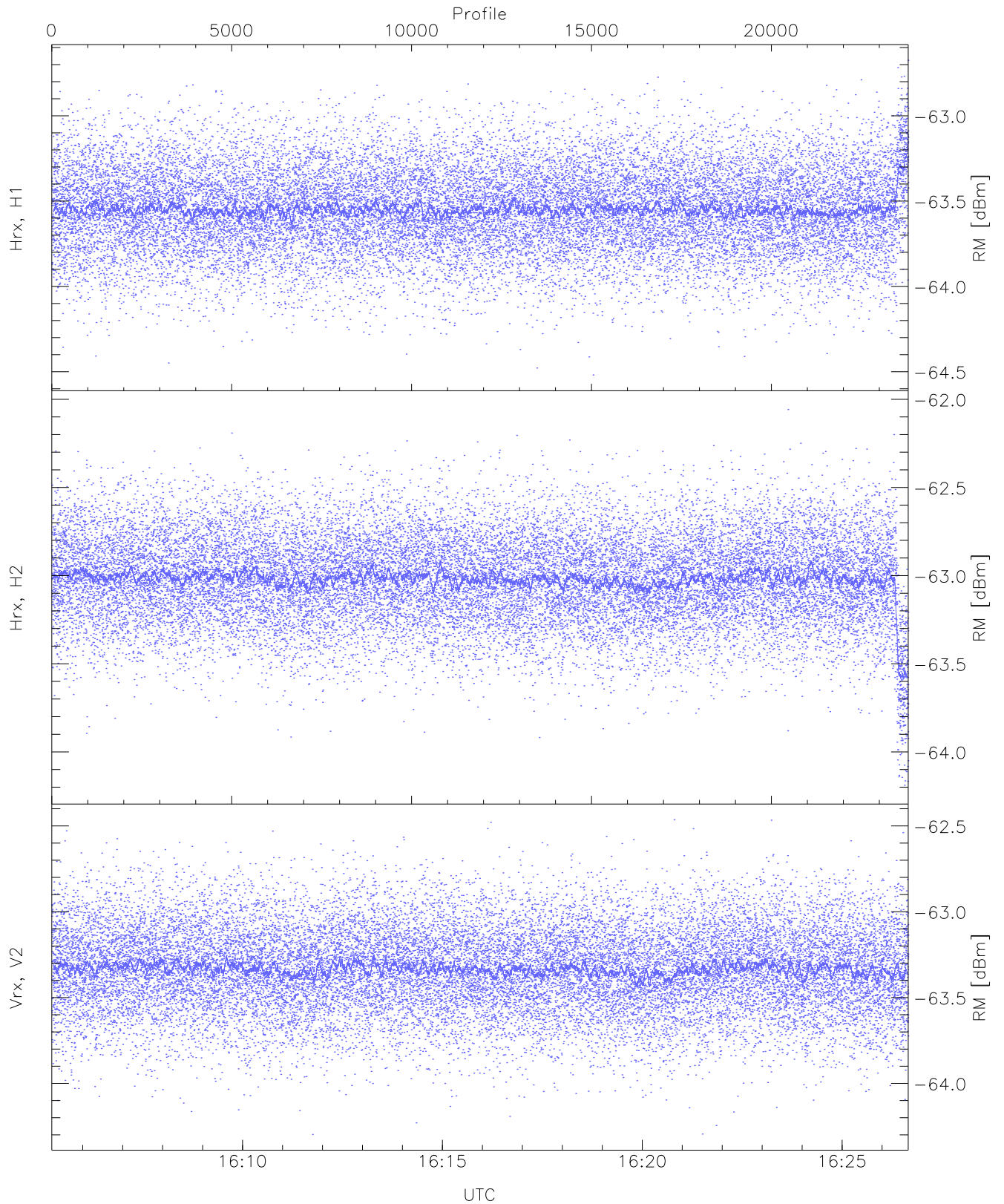
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.86	-61.90	-62.90	-62.91	-75.60
Hrx, H2(WL [dBm])	-63.96	-61.98	-62.90	-62.90	-75.61
Vrx, V2(WL [dBm])	-64.04	-62.30	-63.15	-63.15	-75.87



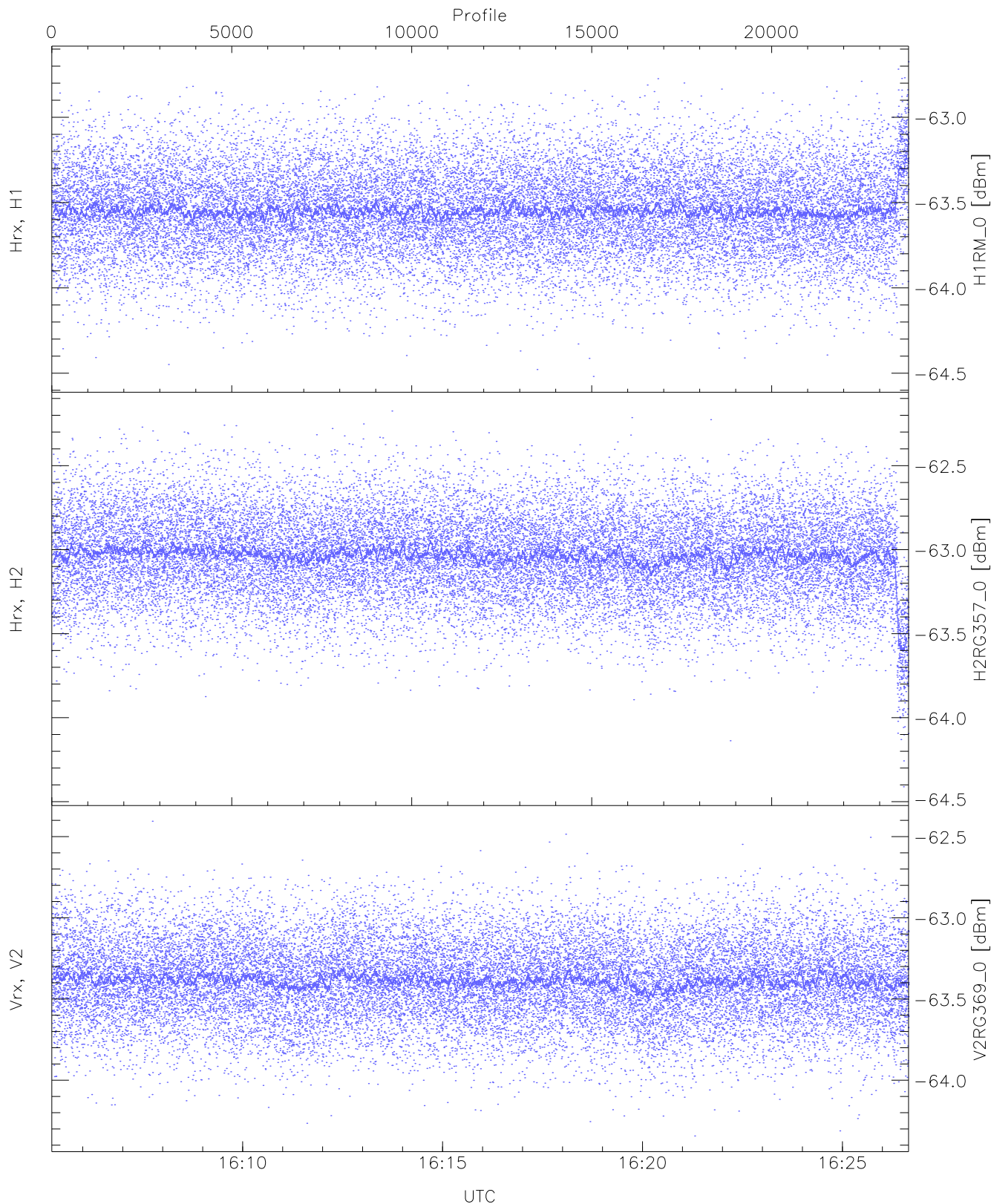
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.73	-61.80	-62.67	-62.68	-75.41
Hrx, H2 (HL [dBm])	-63.66	-61.80	-62.67	-62.68	-75.41
Vrx, V2 (HL [dBm])	-63.97	-62.01	-62.94	-62.95	-75.67



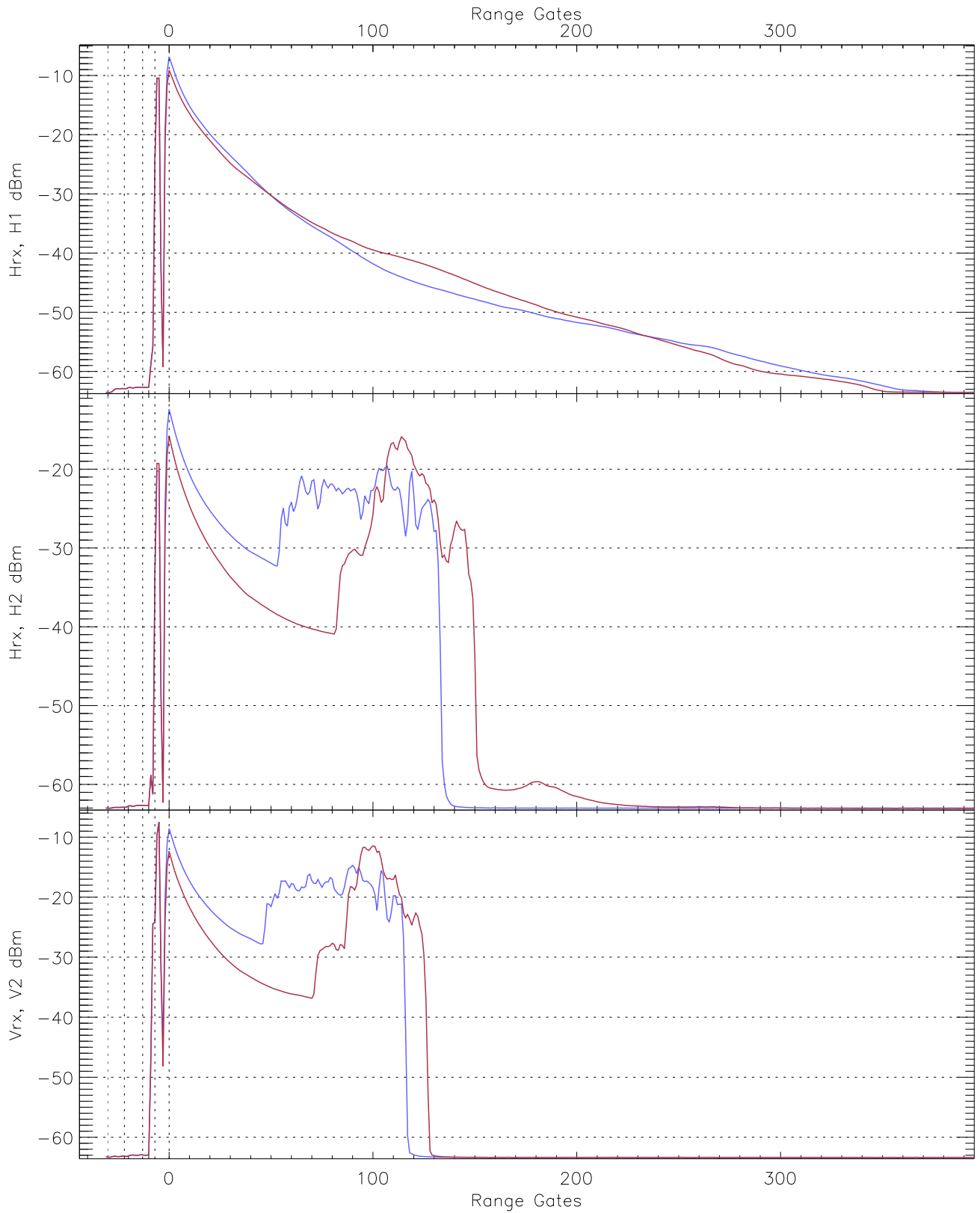
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.52	-62.67	-63.54	-63.55	-76.19
Hrx, H2 (RM [dBm])	-64.19	-62.06	-63.02	-63.02	-75.58
Vrx, V2 (RM [dBm])	-64.30	-62.46	-63.33	-63.34	-76.02

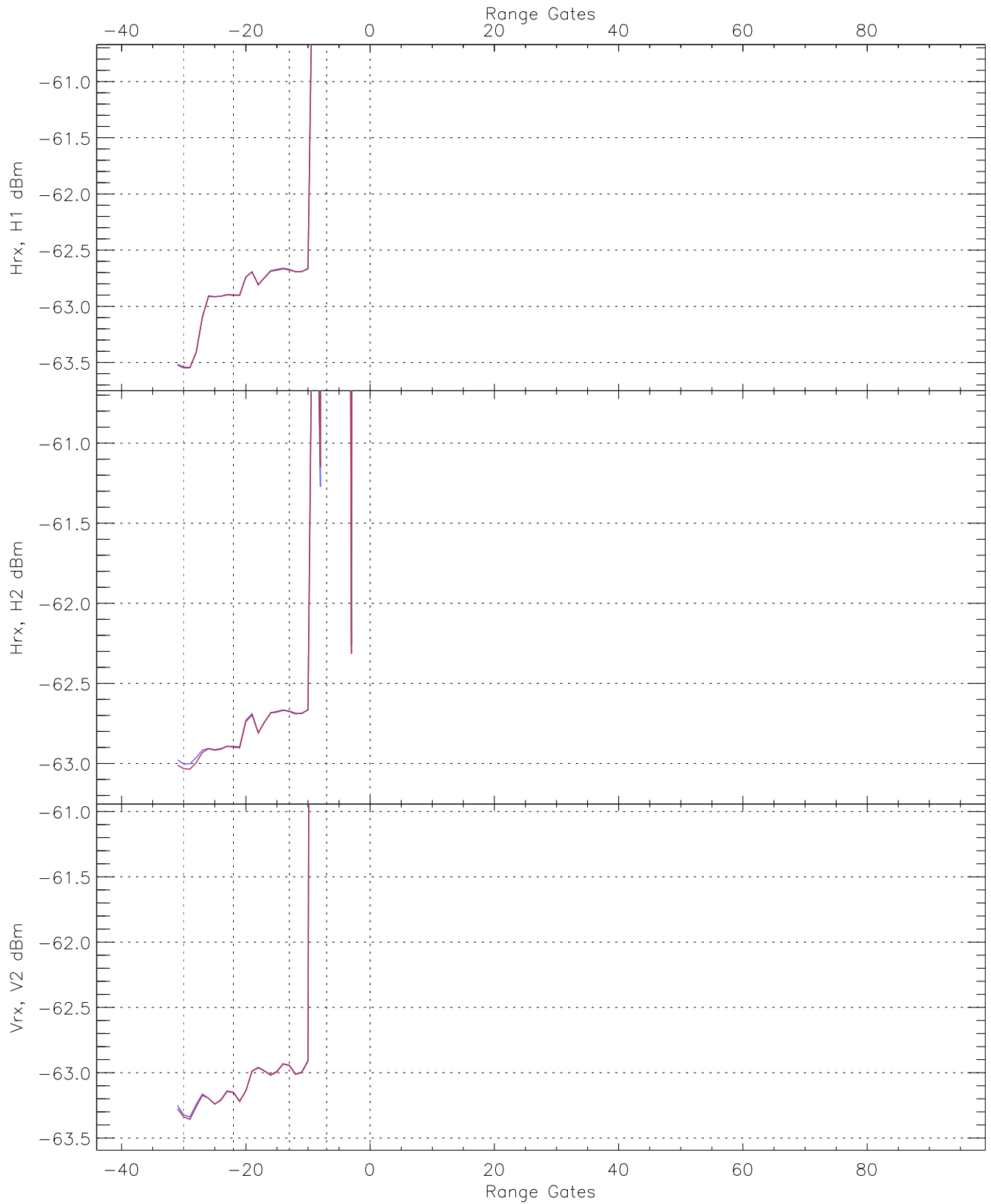


WCR2 CPP "Best" estimate Receivers Noise Power

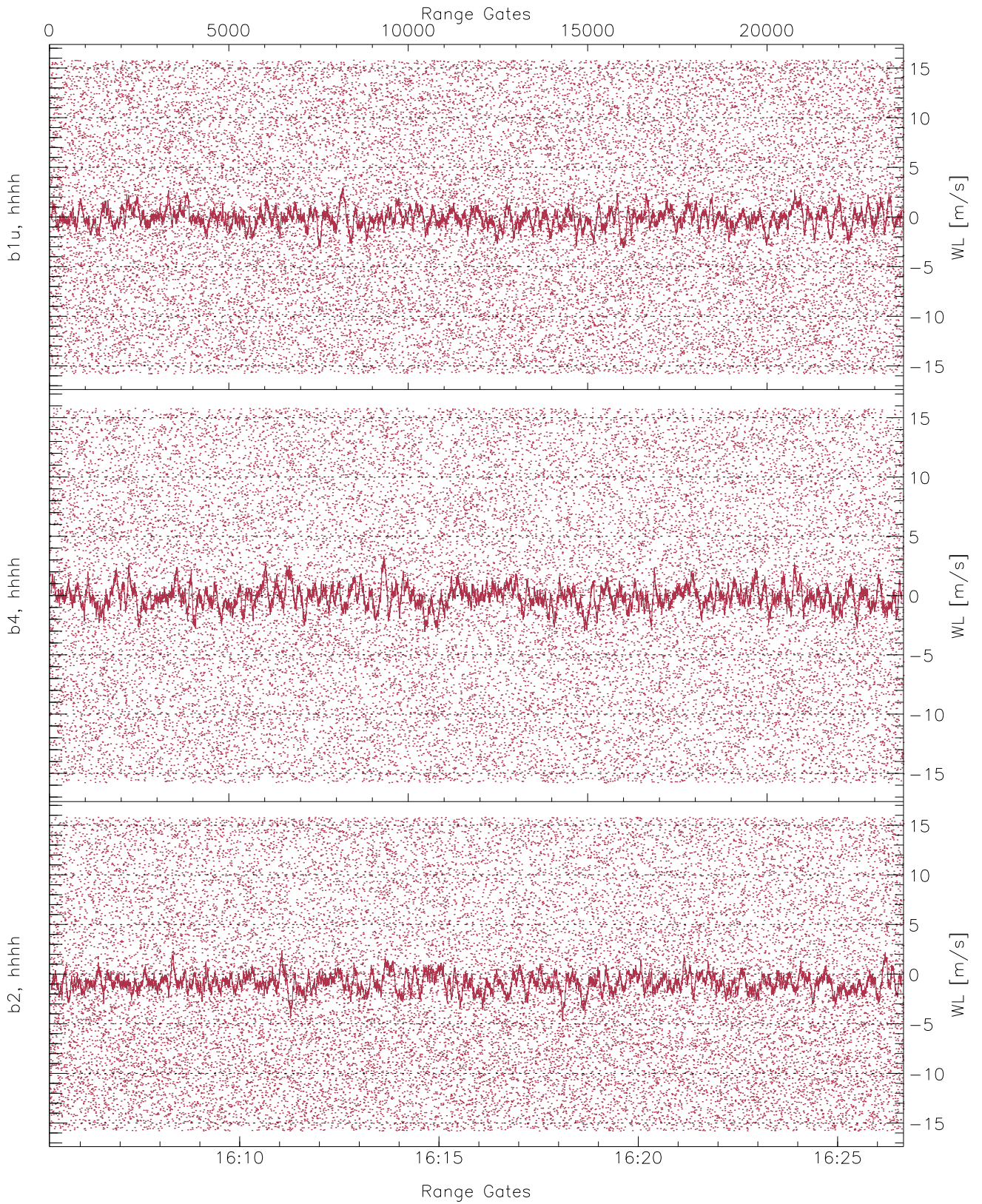
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-64.52	-62.67	-63.54	-63.55	-76.19
H2RG357_0 [dBm]	-64.41	-62.17	-63.03	-63.03	-75.59
V2RG369_0 [dBm]	-64.34	-62.41	-63.38	-63.39	-76.07



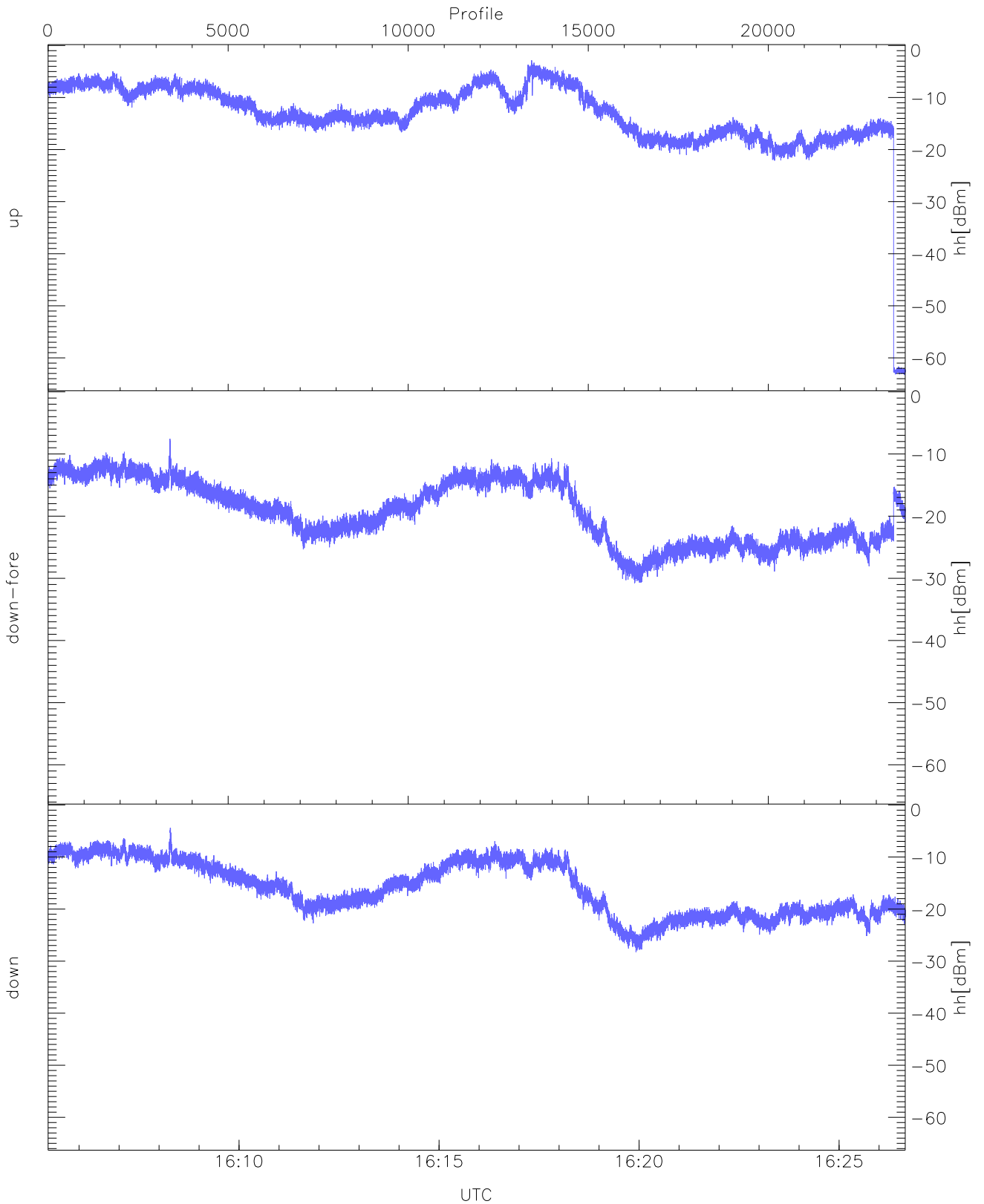
WCR2 CPP Averaged Received power for all recorded gates
blue: 160514-161556, 11903 profiles averaged
red: 161556-162639, 11902 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 160514-161556, 11903 profiles averaged
red: 161556-162639, 11902 profiles averaged

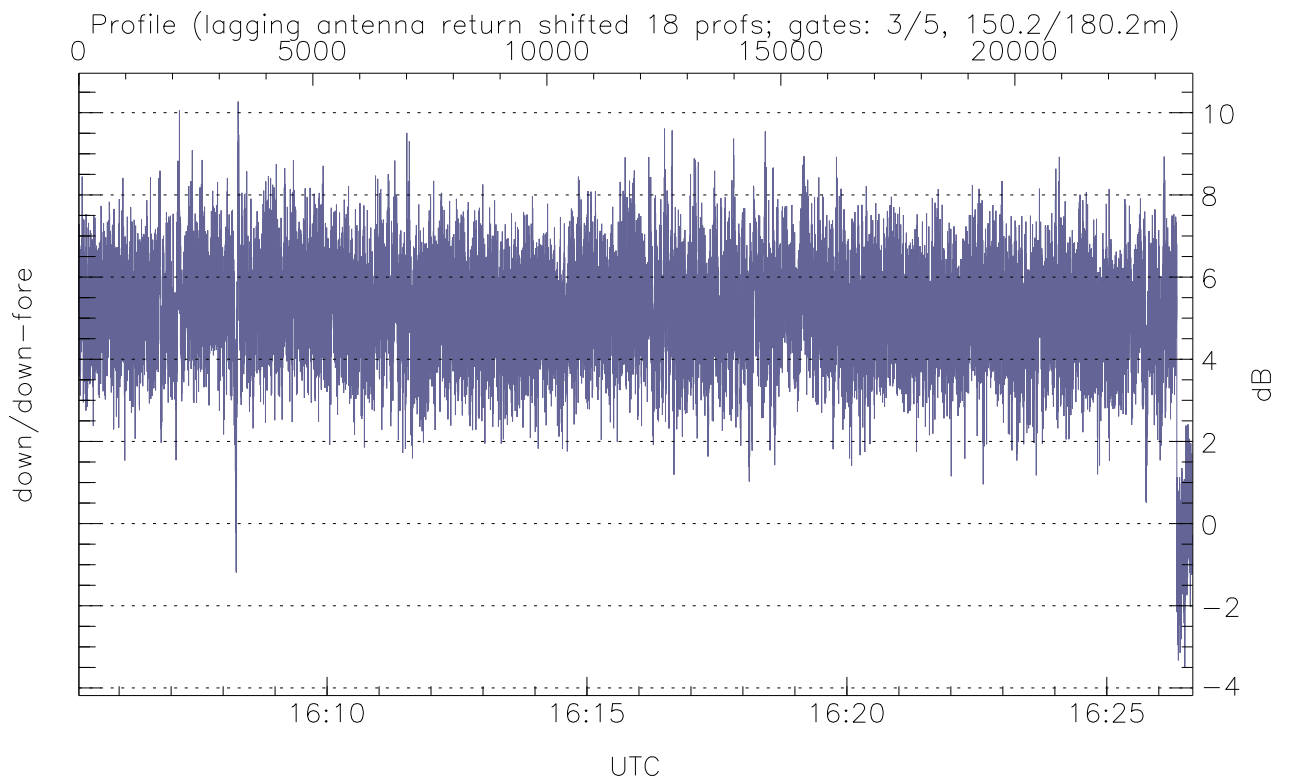
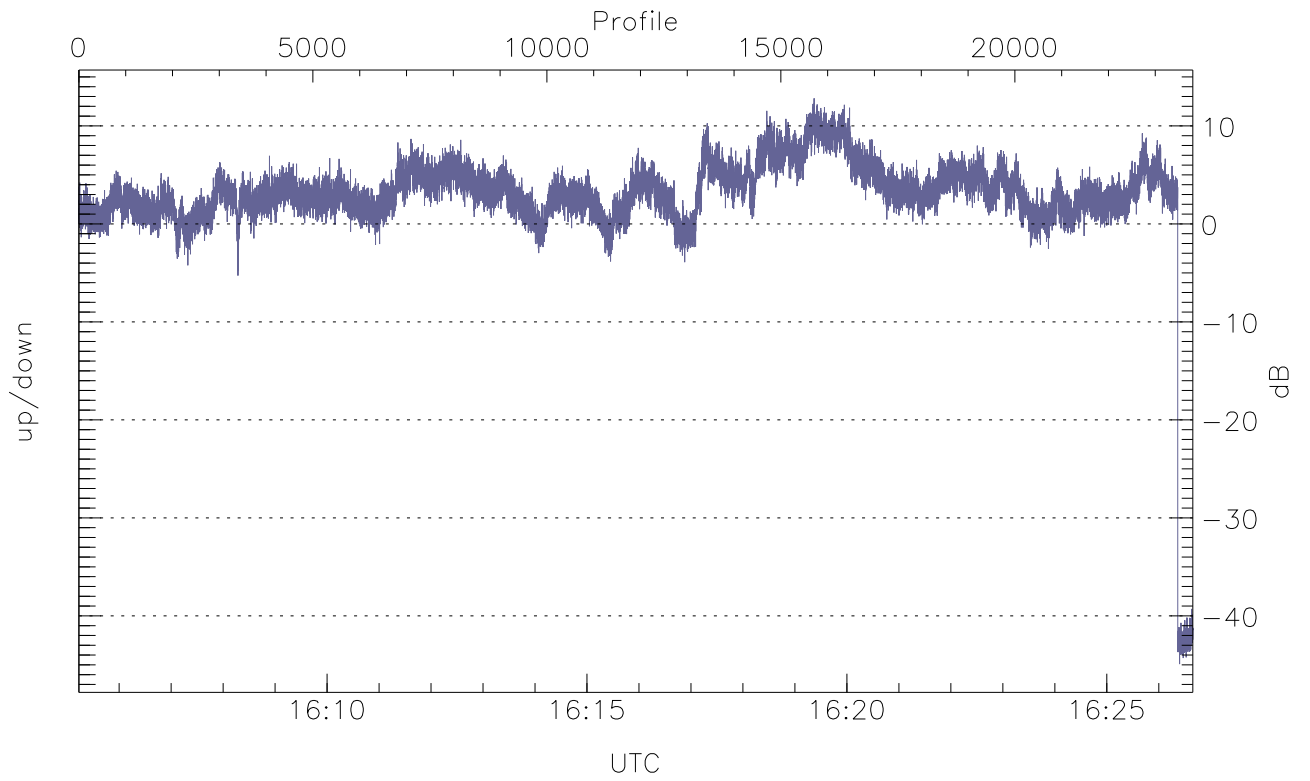


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



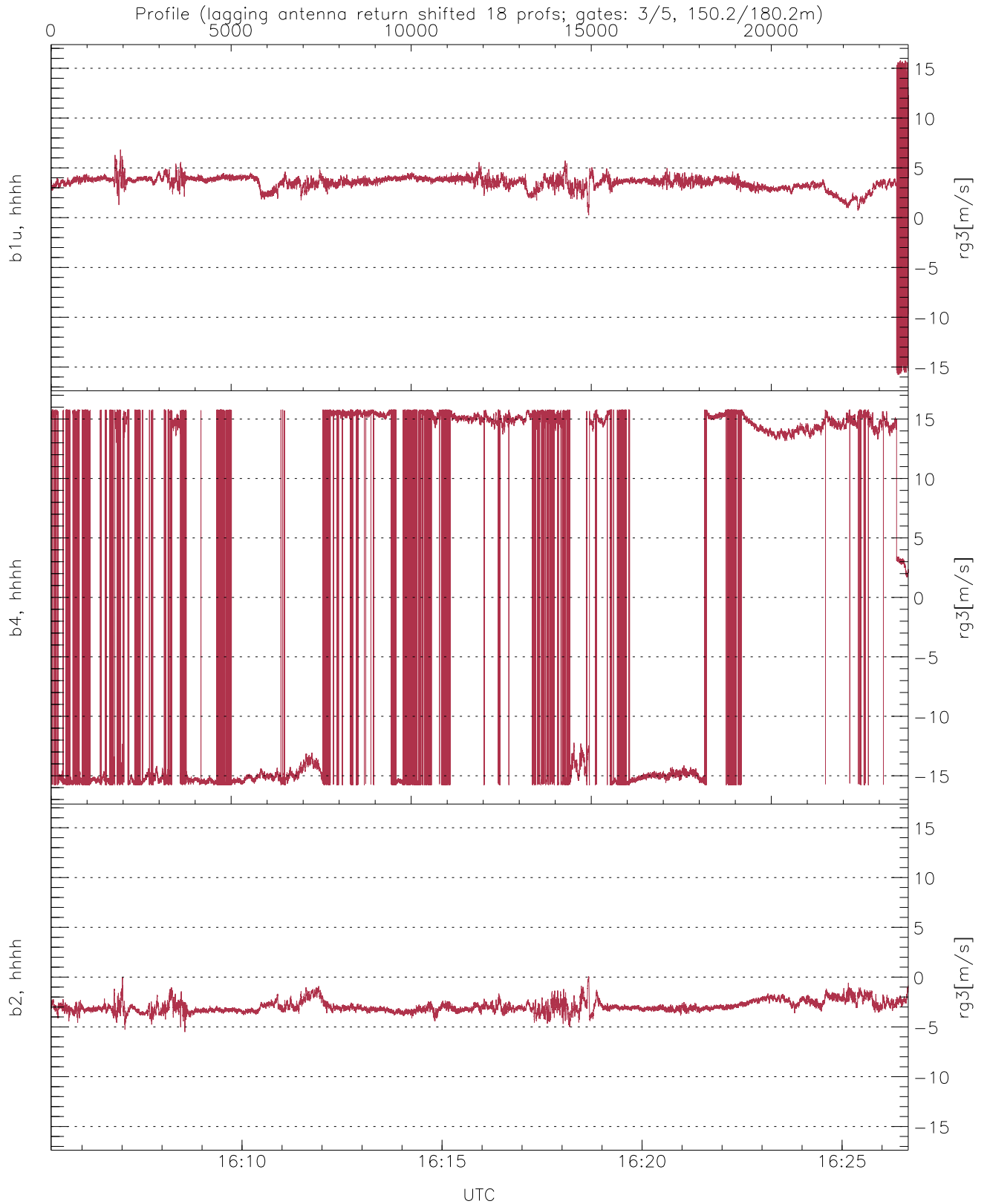
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.29	-2.85	-10.70
down-fore(hh[dBm])	-30.79	-7.55	-16.87
down(hh[dBm])	-28.27	-4.40	-13.43



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

	Min	Max	Mean
up/down (dB)	-44.92	12.82	2.76
down/down-fore (dB)	-3.50	10.27	5.12



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.78	15.78	3.45	1.63
b4, hhhh(rg3[m/s])	-15.80	15.80	1.25	14.93
b2, hhhh(rg3[m/s])	-5.52	0.08	-2.94	0.58