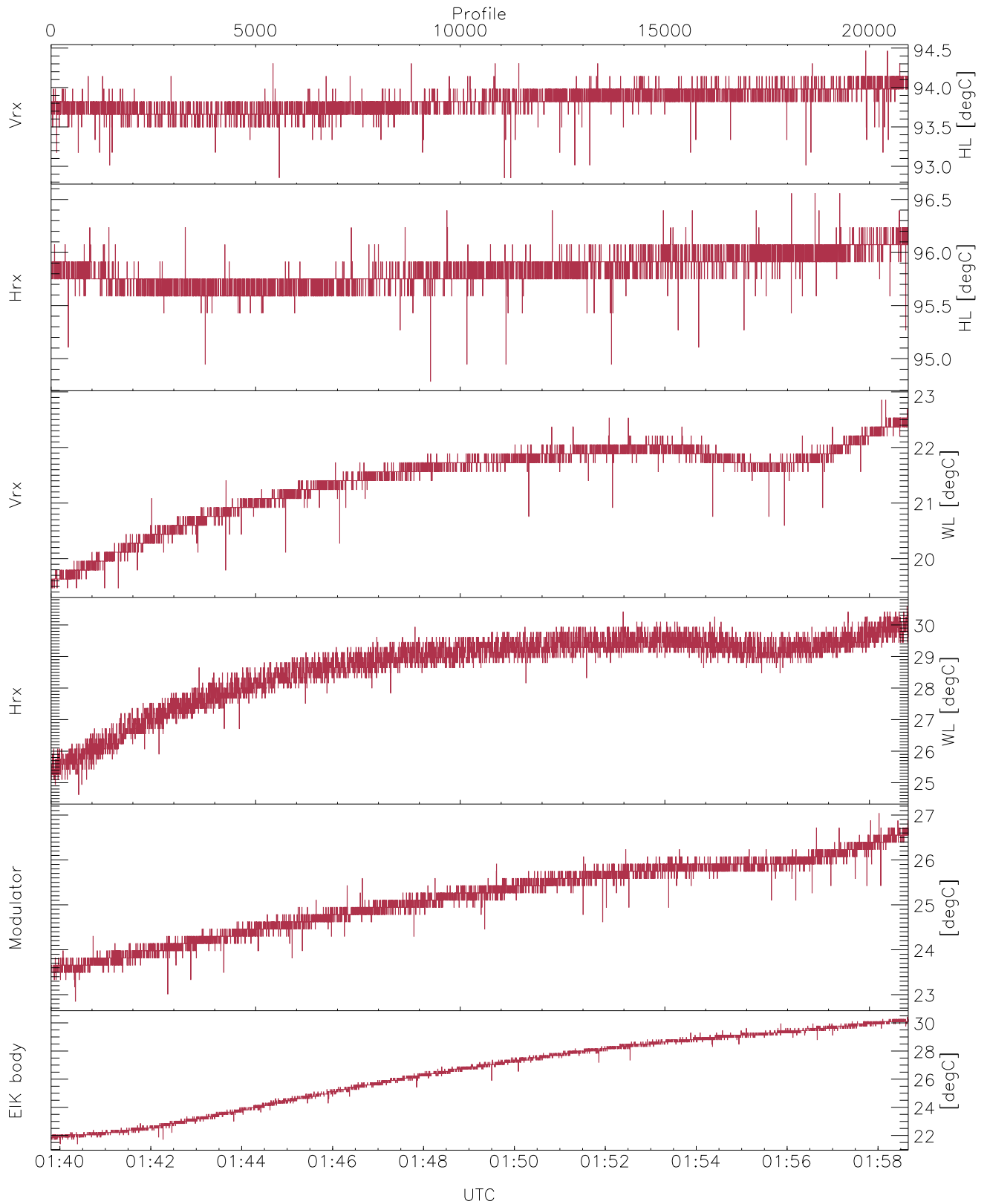


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

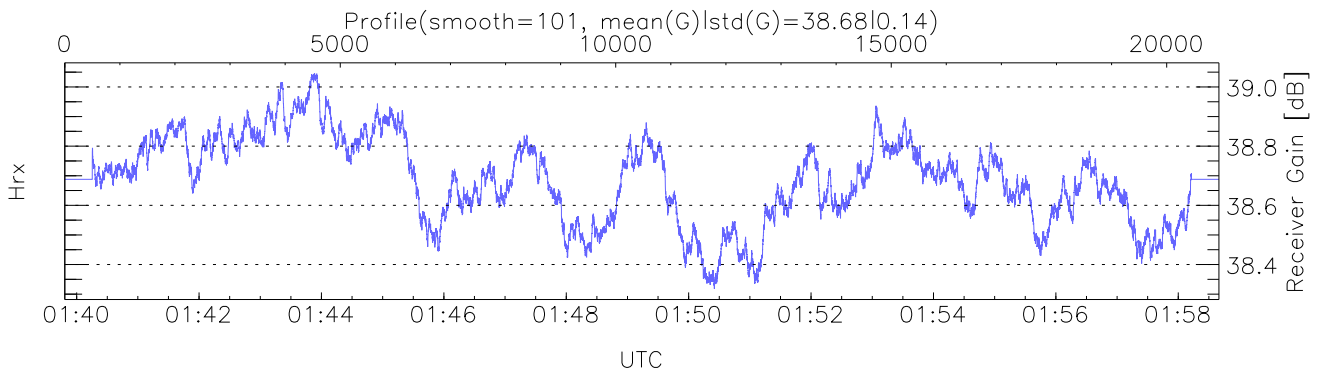
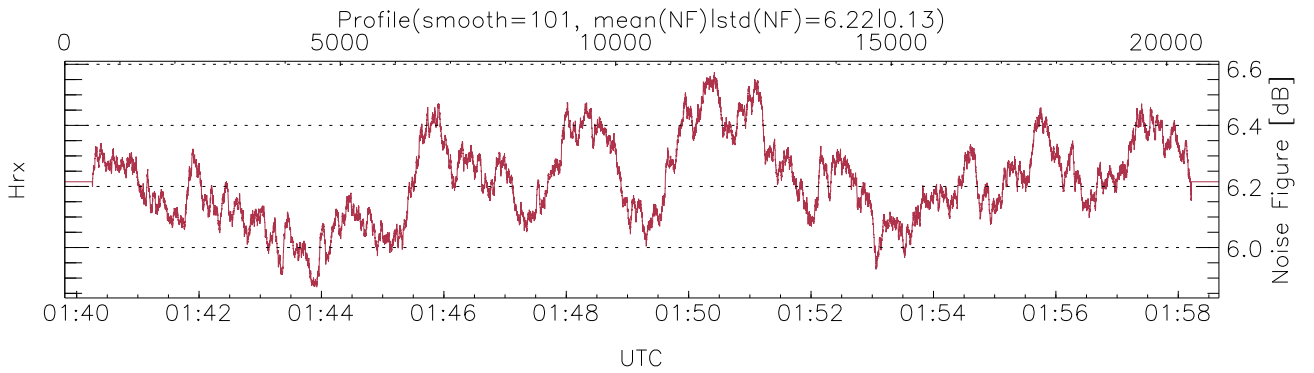
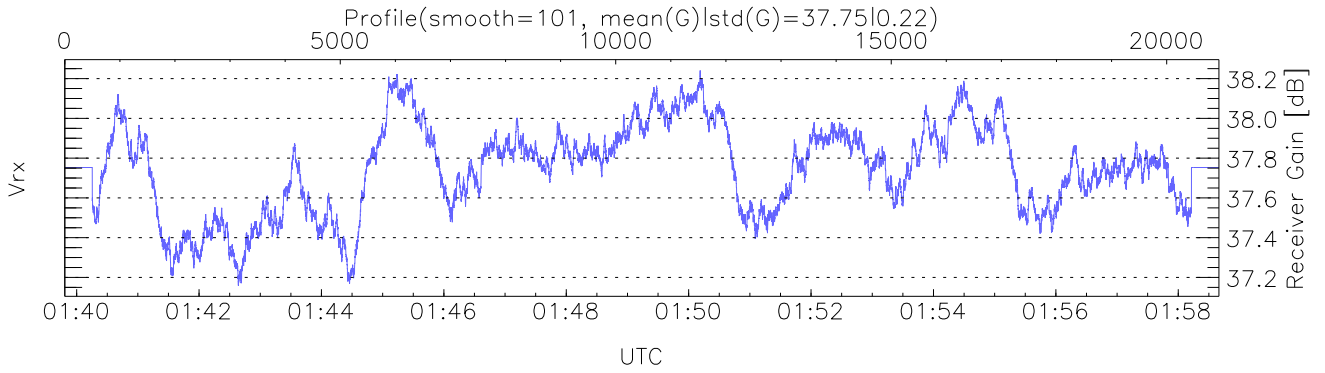
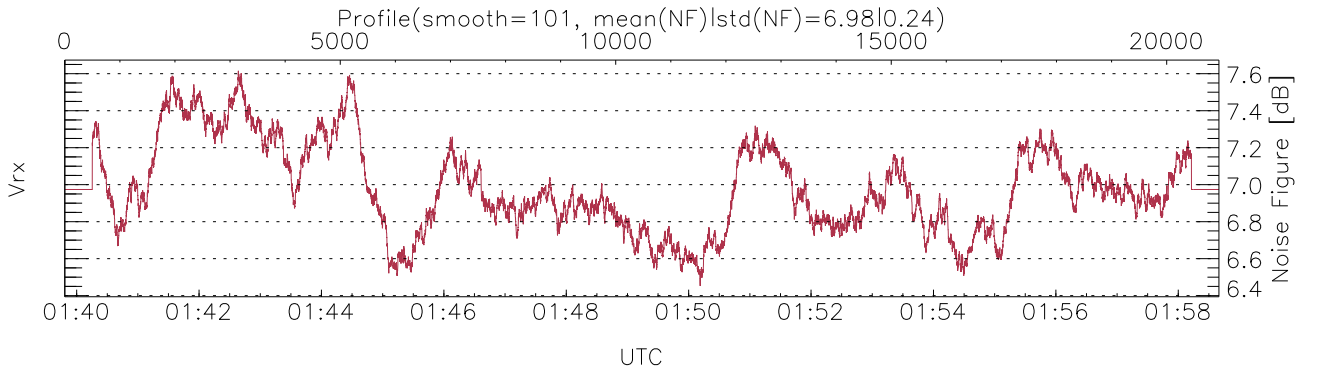
UTC: 01:39:48-01:58:40, Dur: 1131.53s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 20950/20950, 0-20949/01:39:48-01:58:40
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

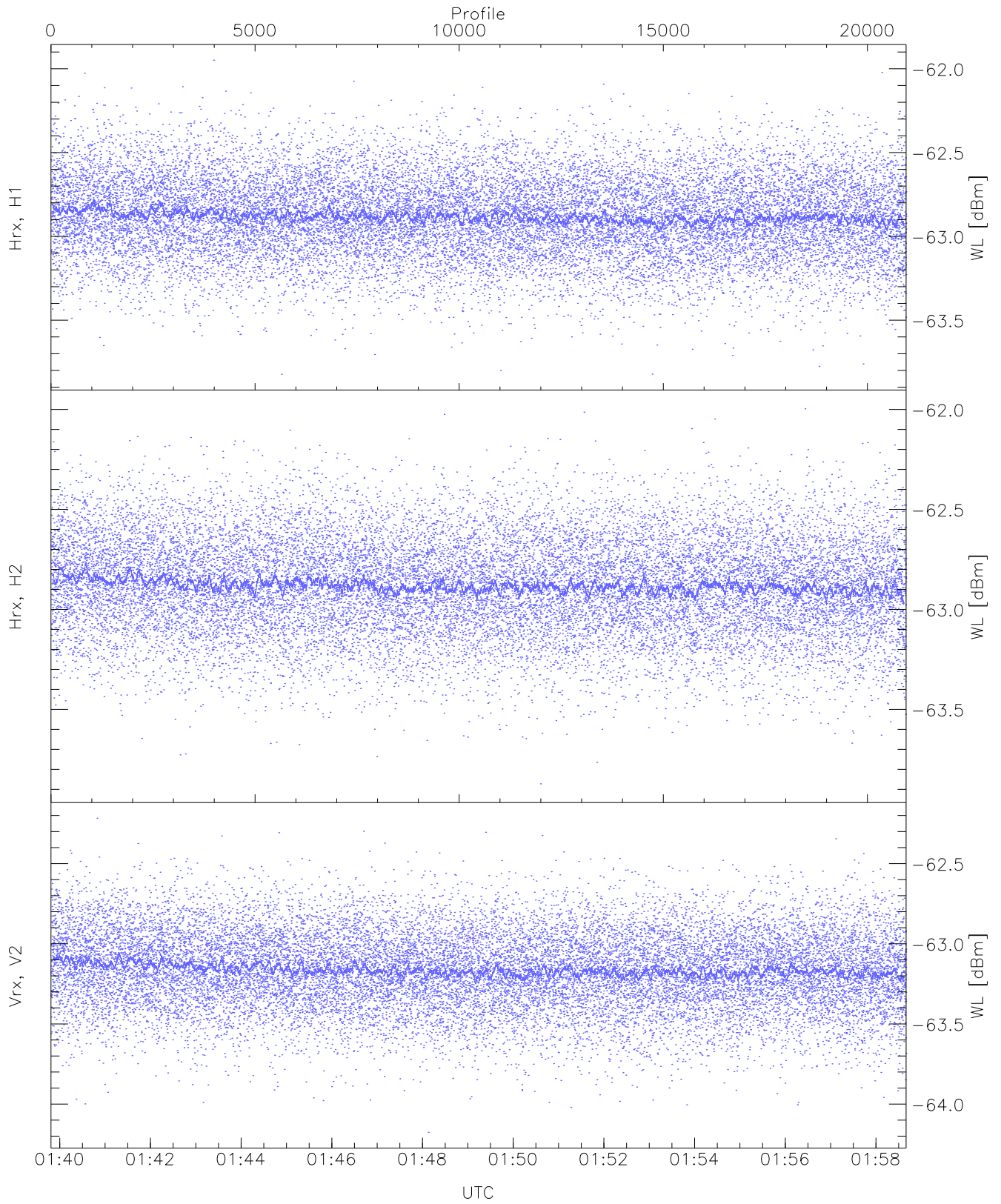
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,24,22,21
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,30,27,30
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,15)
    
```



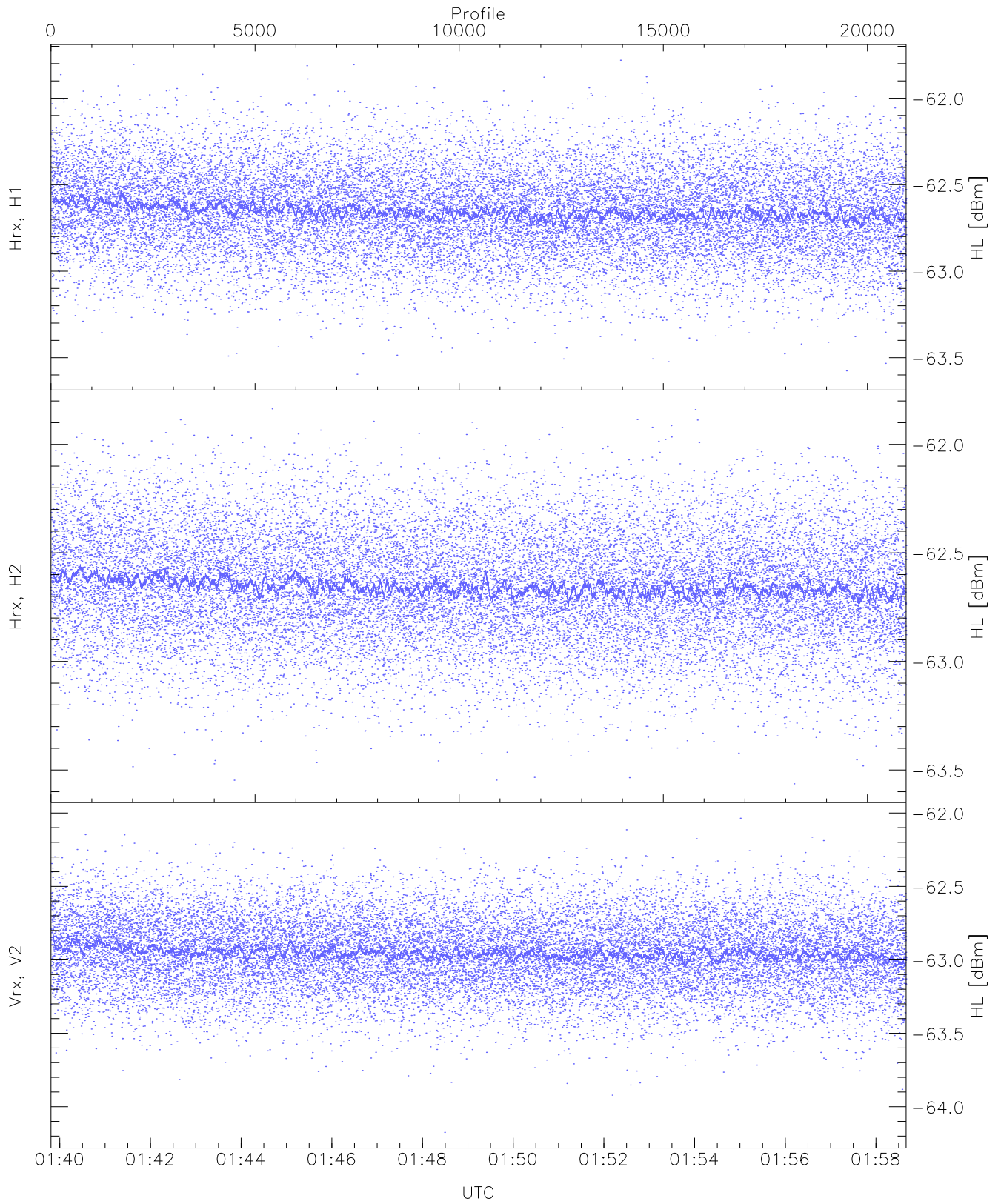
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 506 pixs, 43 gates, 475 profs, 2 prods



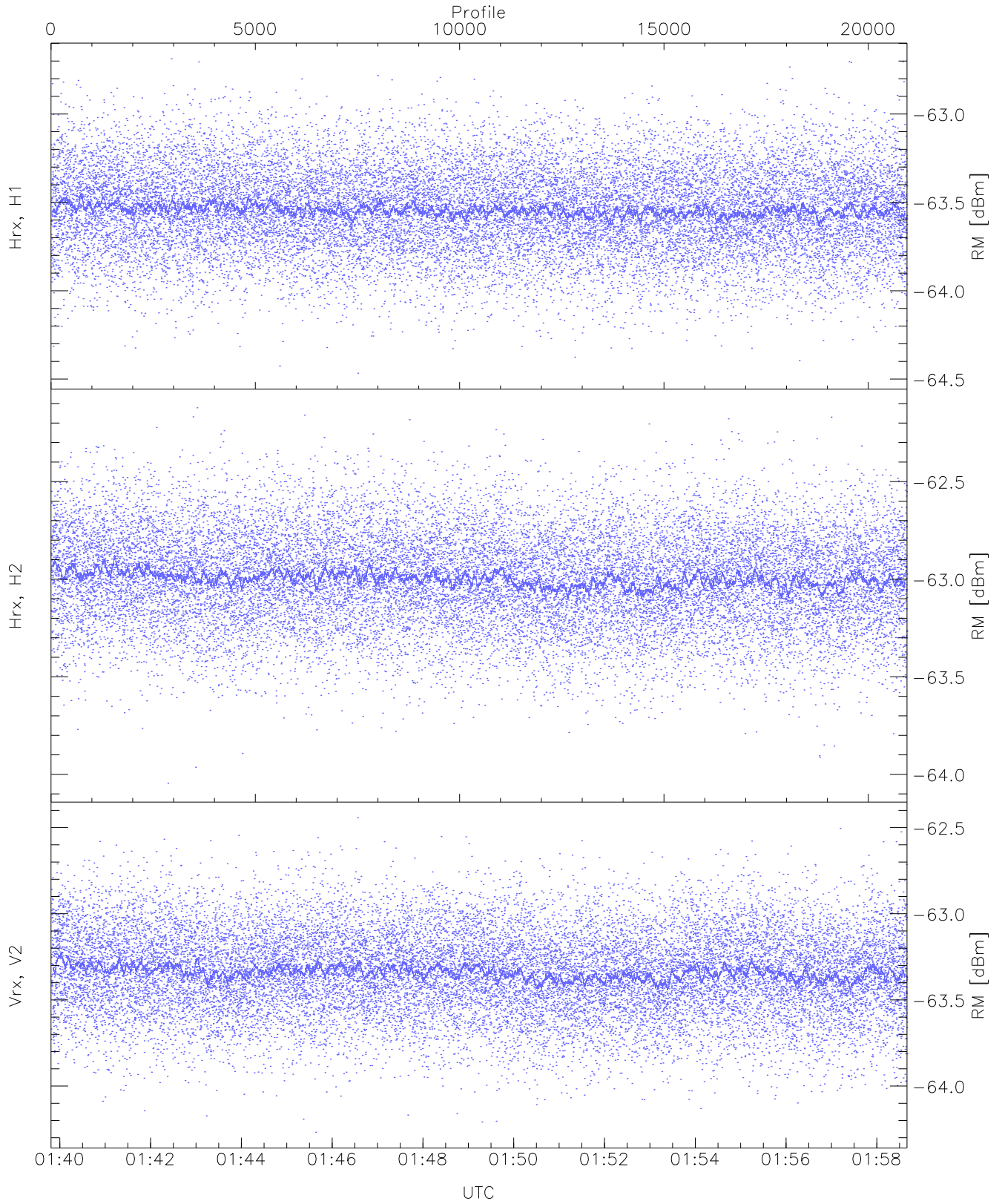
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.82	-61.95	-62.88	-62.88	-75.62
Hrx, H2 (WL [dBm])	-63.87	-62.00	-62.88	-62.88	-75.61
Vrx, V2 (WL [dBm])	-64.18	-62.22	-63.16	-63.16	-75.86



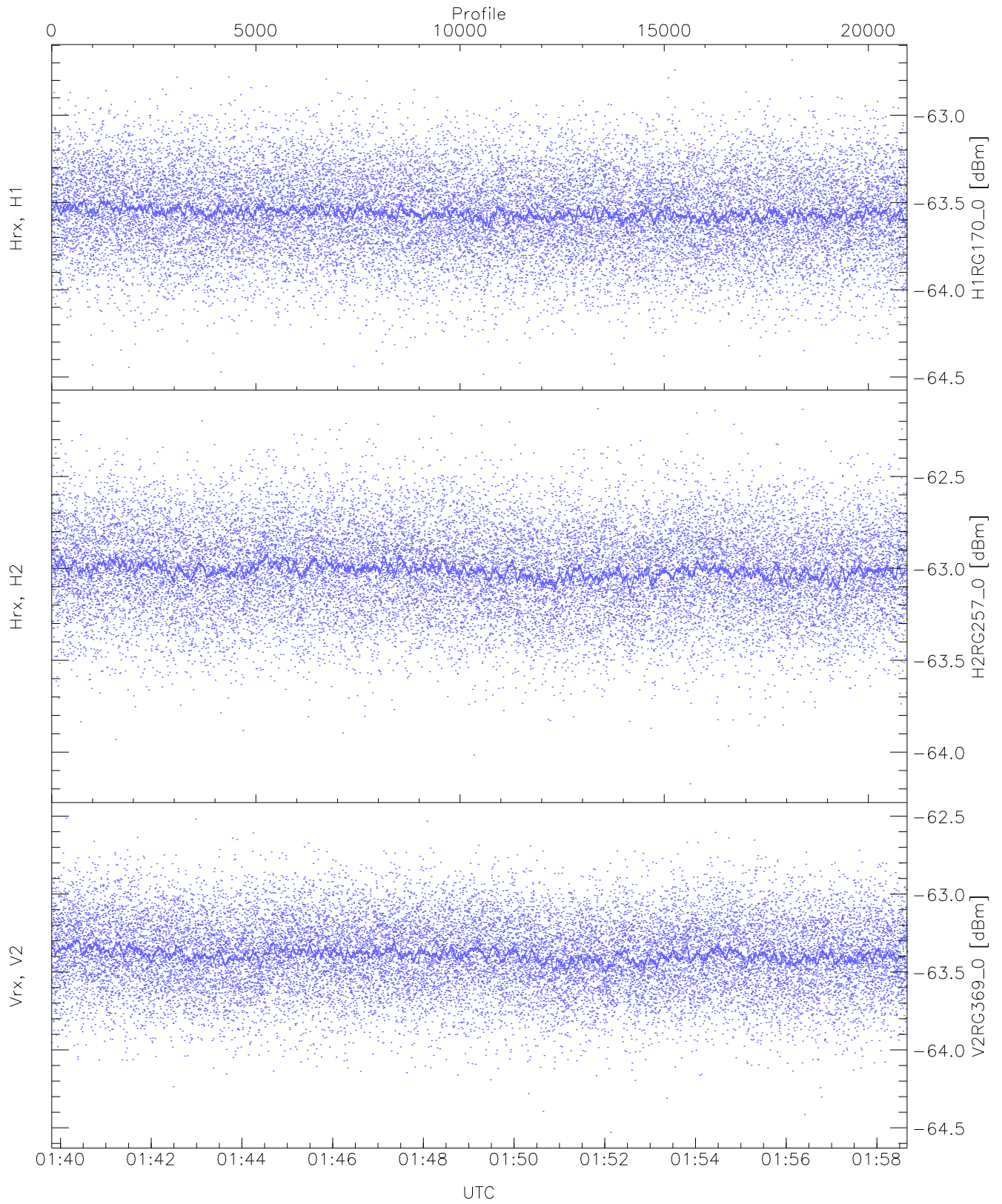
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.60	-61.78	-62.65	-62.66	-75.36
Hrx, H2 (HL [dBm])	-63.56	-61.84	-62.65	-62.66	-75.30
Vrx, V2 (HL [dBm])	-64.17	-62.04	-62.95	-62.95	-75.64



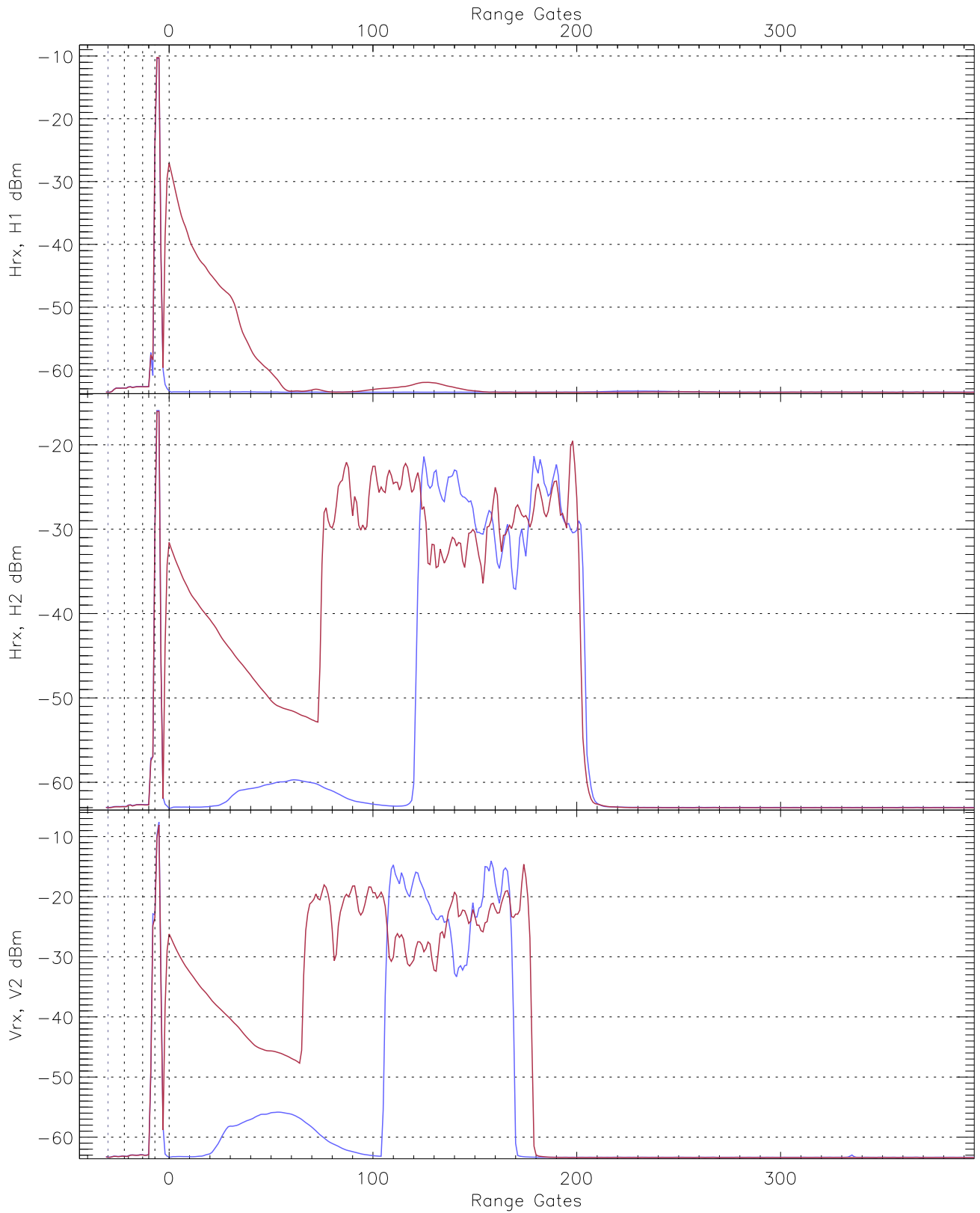
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.47	-62.69	-63.54	-63.54	-76.23
Hrx, H2 (RM [dBm])	-64.05	-62.12	-62.99	-63.00	-75.69
Vrx, V2 (RM [dBm])	-64.27	-62.44	-63.34	-63.34	-75.99

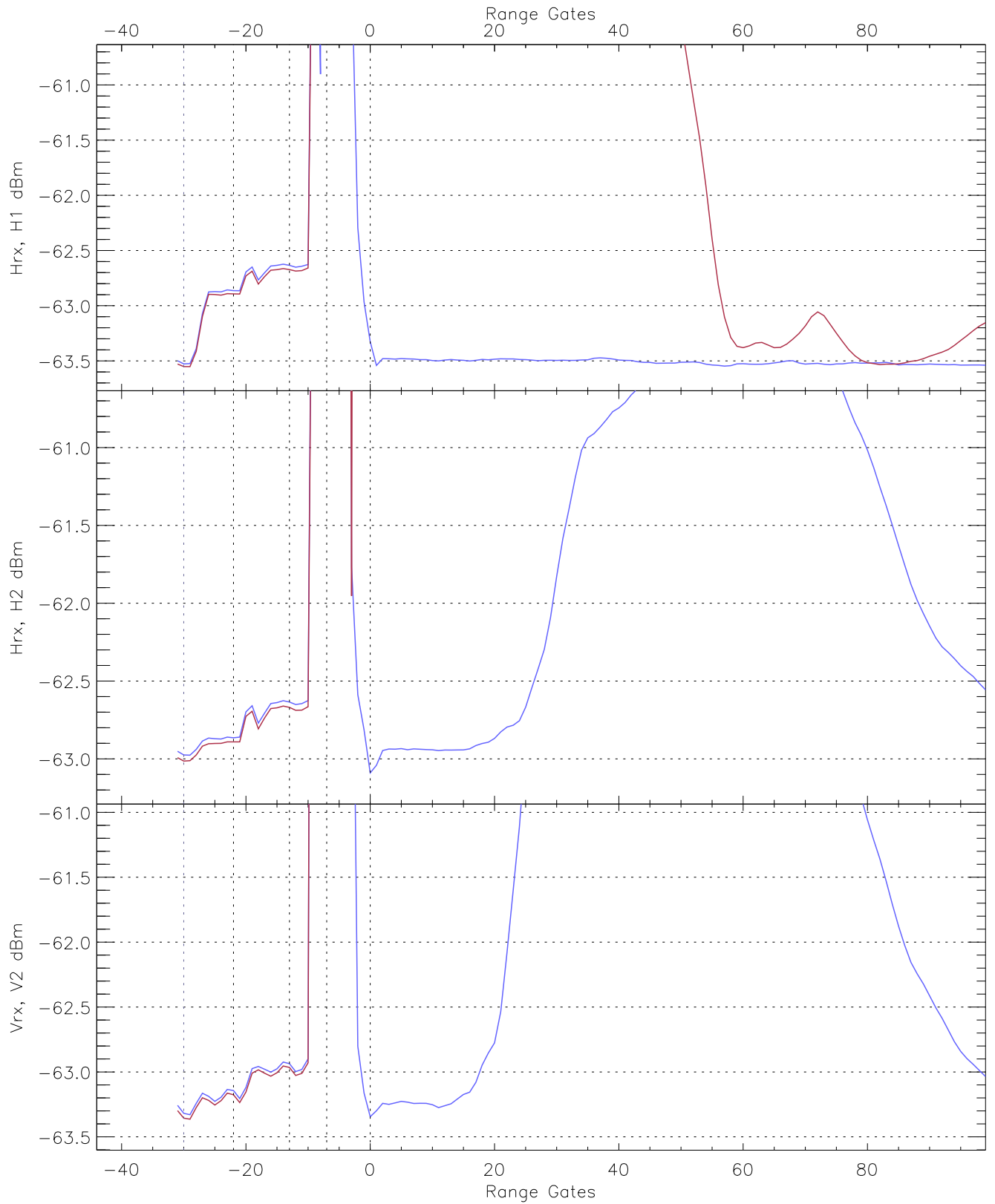


WCR2 CPP "Best" estimate Receivers Noise Power

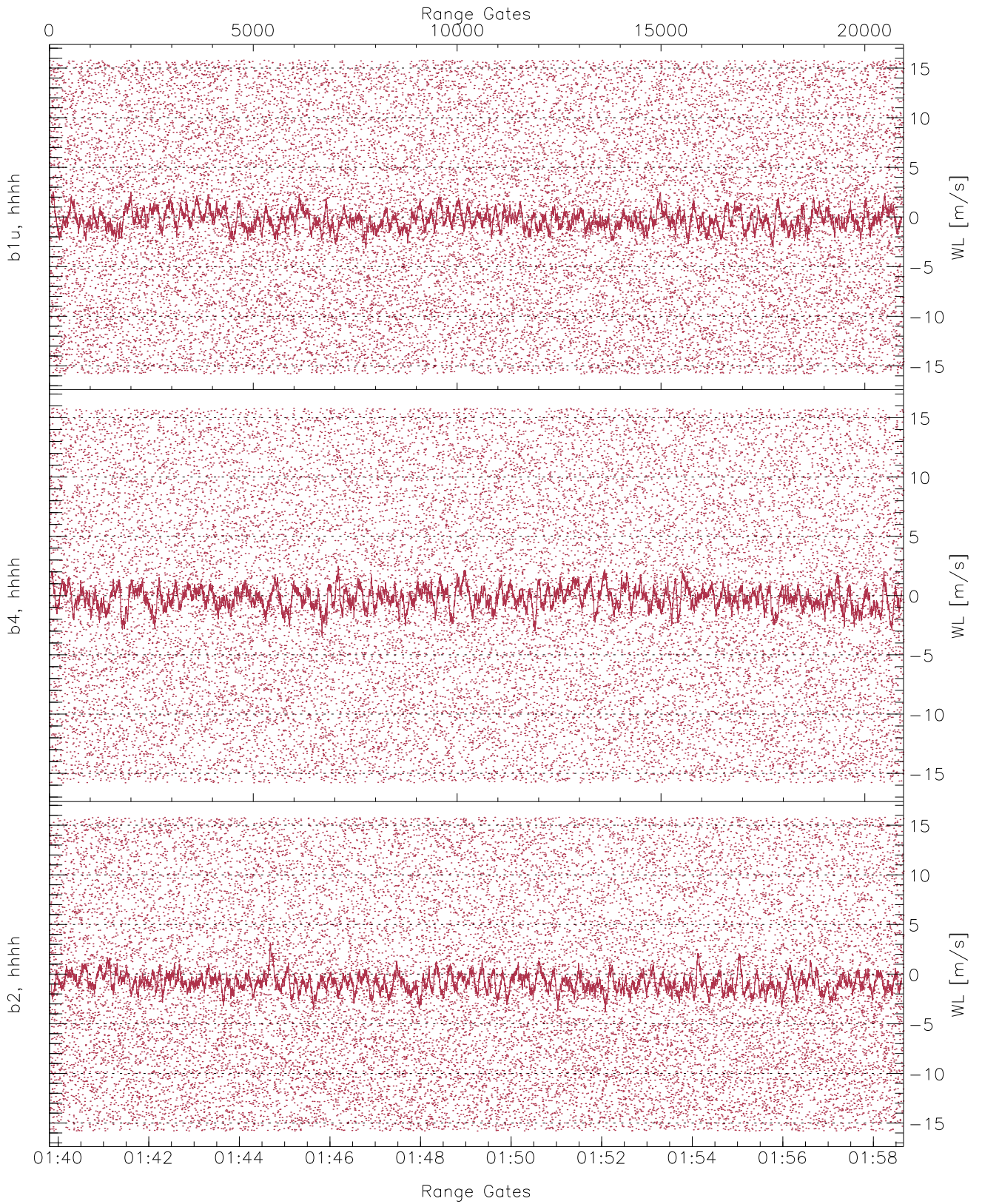
	Min	Max	Mean	Median	StDev
H1RG170_0 [dBm]	-64.48	-62.68	-63.56	-63.56	-76.26
H2RG257_0 [dBm]	-64.17	-62.13	-63.01	-63.01	-75.69
V2RG369_0 [dBm]	-64.53	-62.51	-63.39	-63.39	-76.08



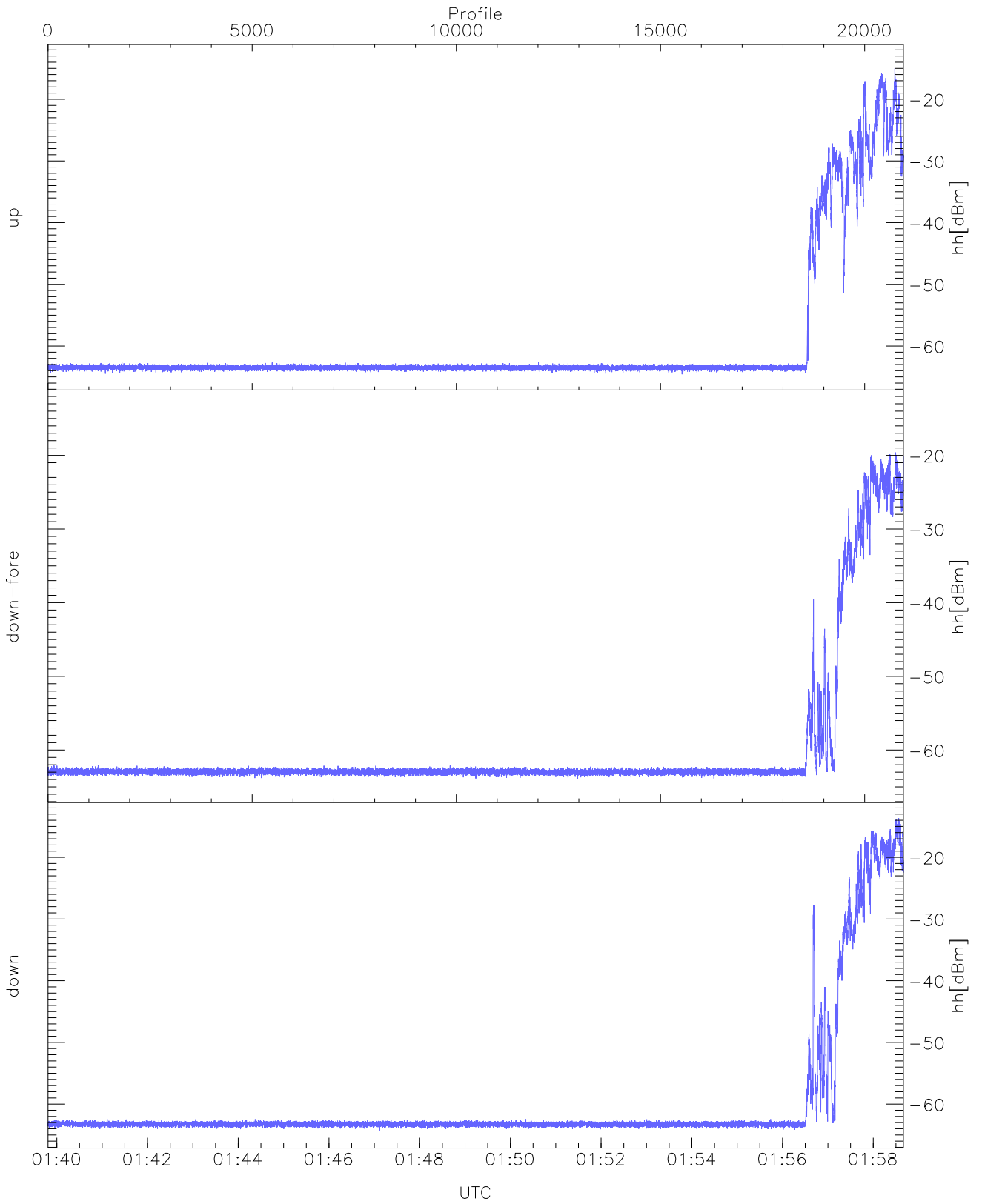
WCR2 CPP Averaged Received power for all recorded gates
blue: 013948-014914, 10476 profiles averaged
red: 014914-015840, 10475 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 013948-014914, 10476 profiles averaged
red: 014914-015840, 10475 profiles averaged

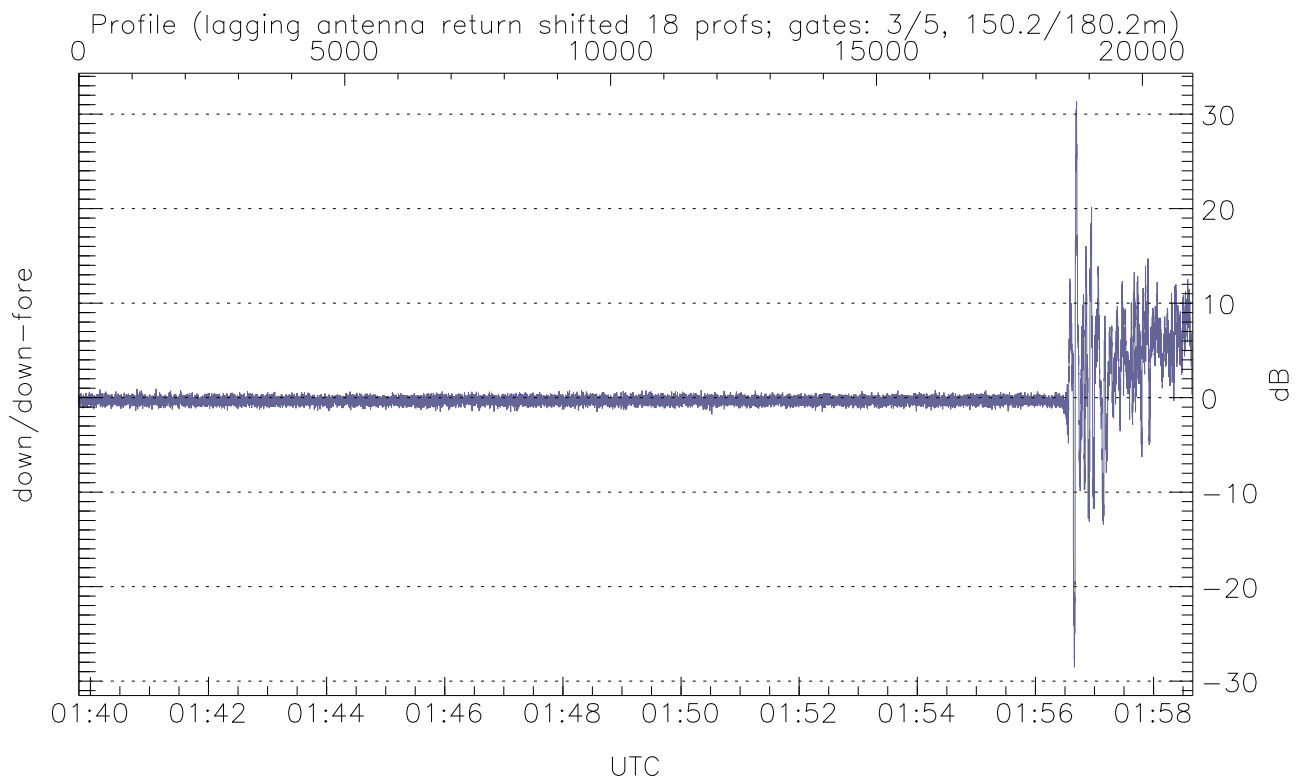
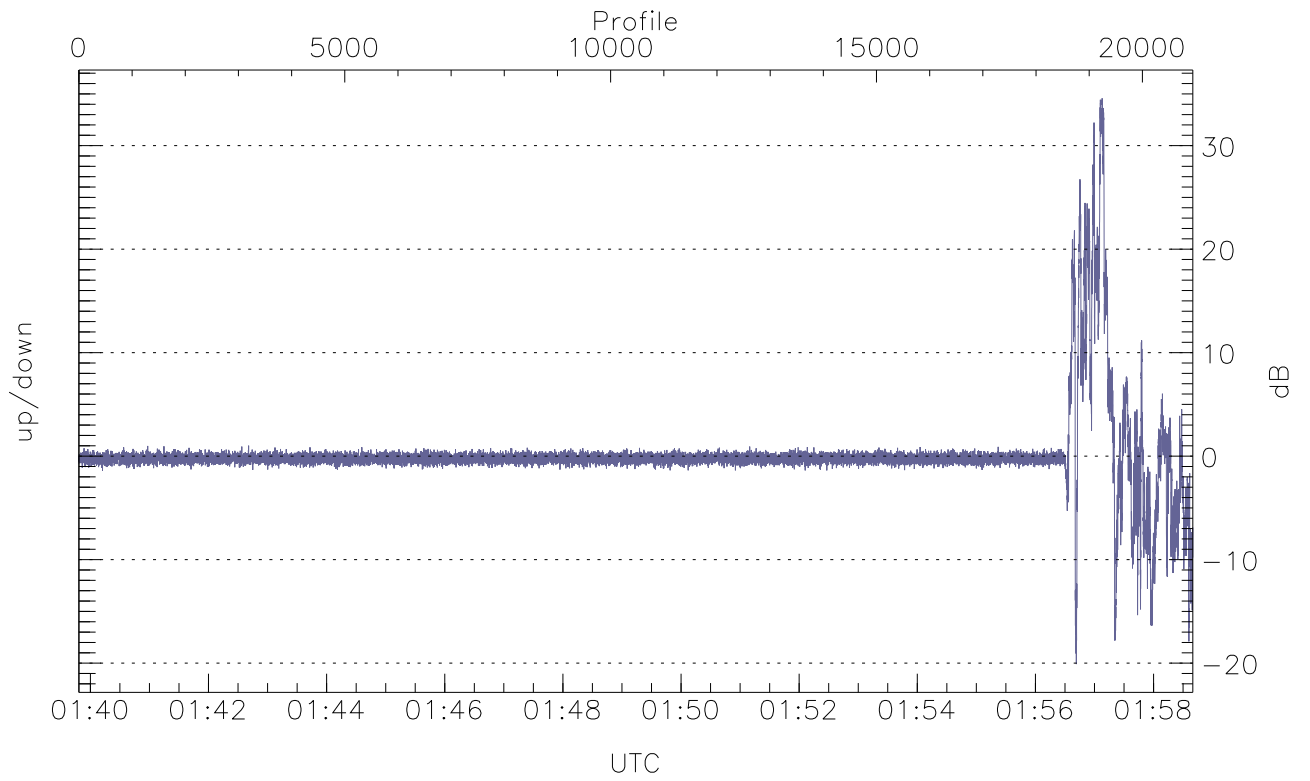


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



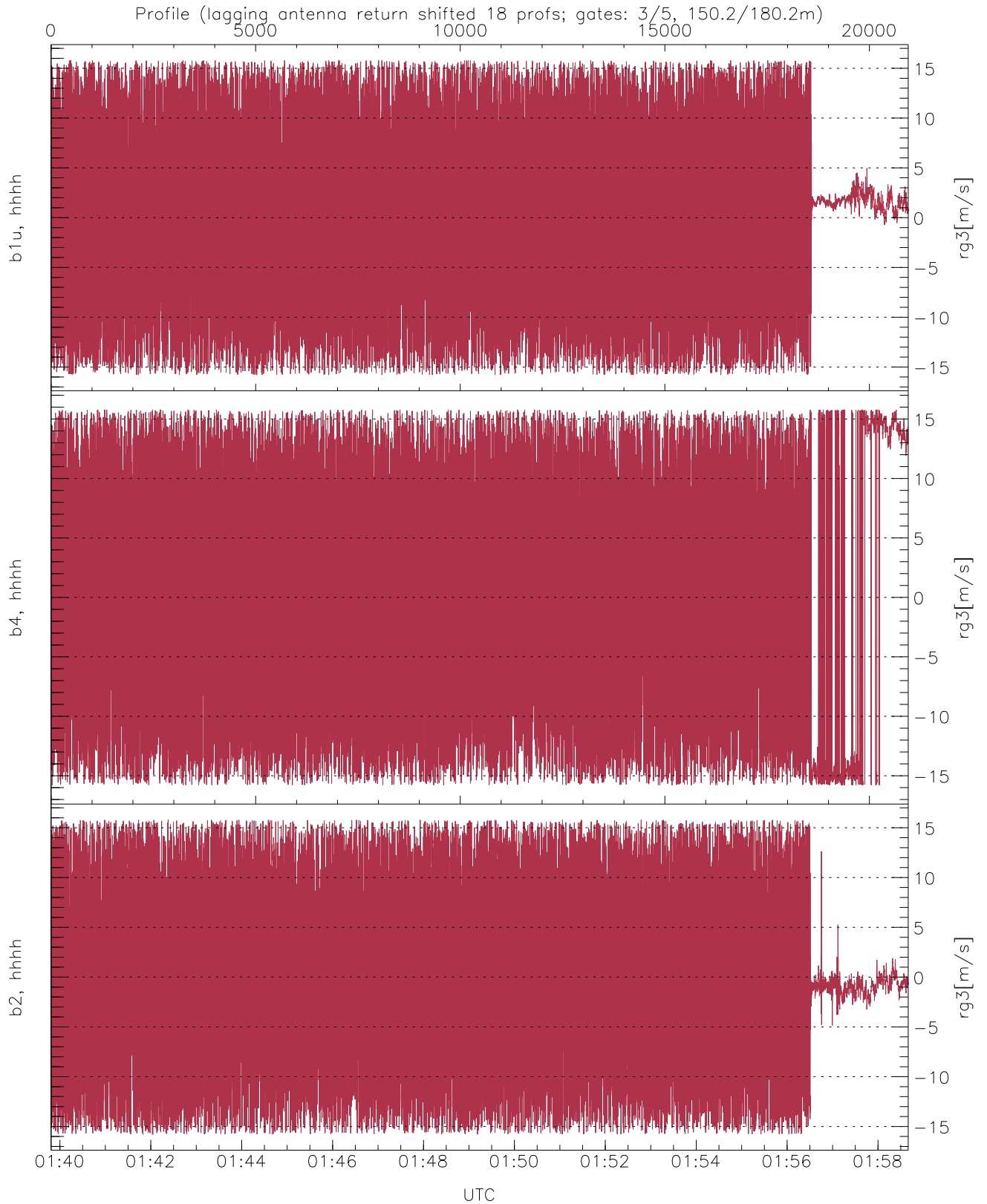
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.58	-15.03	-34.36
down-fore(hh[dBm])	-63.87	-19.60	-36.60
down(hh[dBm])	-64.27	-13.67	-31.43



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

	Min	Max	Mean
up/down (dB)	-20.09	34.57	0.09
down/down-fore (dB)	-28.53	31.34	0.19



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.80	-0.07	8.53
b4, hhhh(rg3[m/s])	-15.80	15.80	-0.16	9.85
b2, hhhh(rg3[m/s])	-15.80	15.80	-0.60	8.49