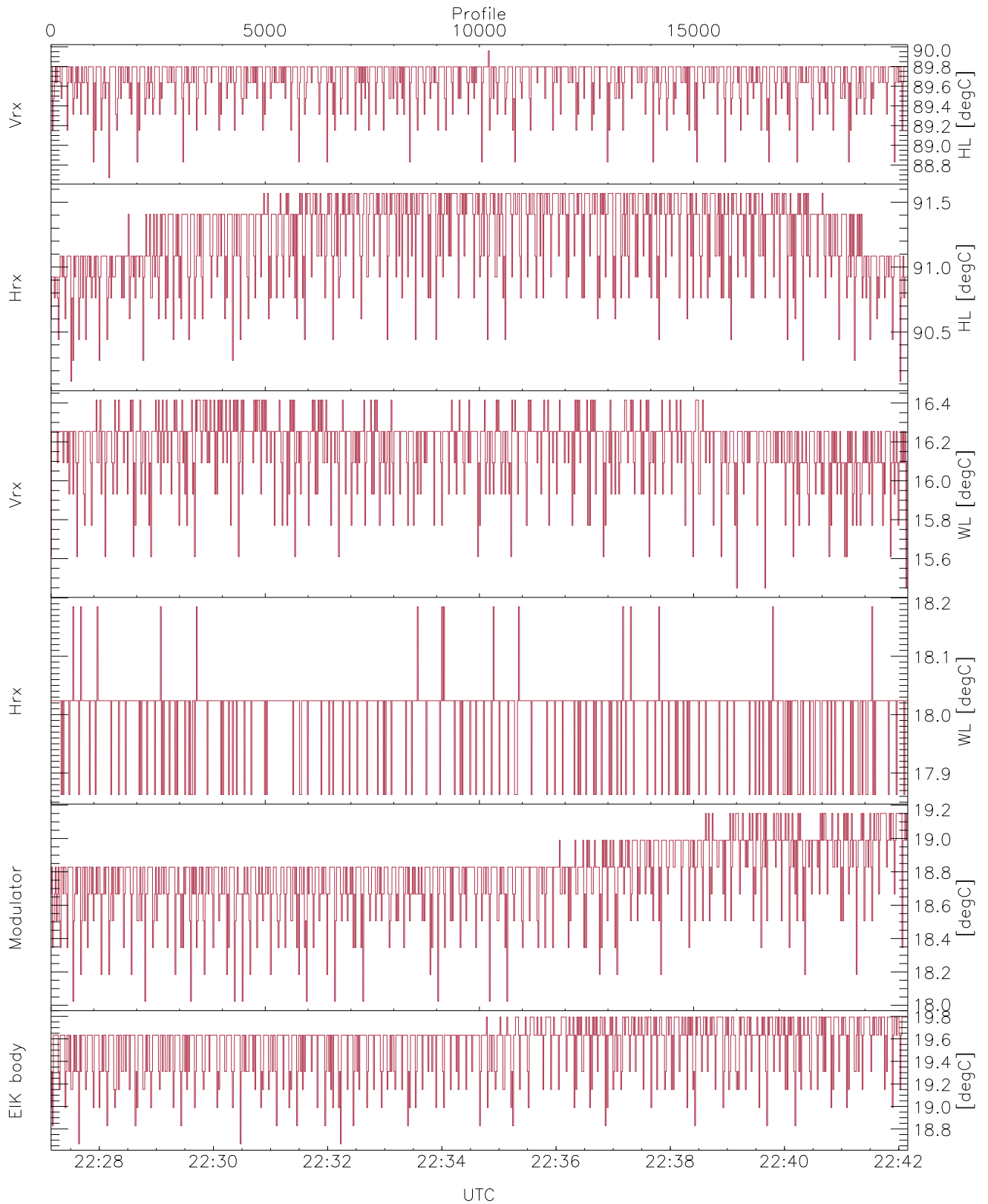


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

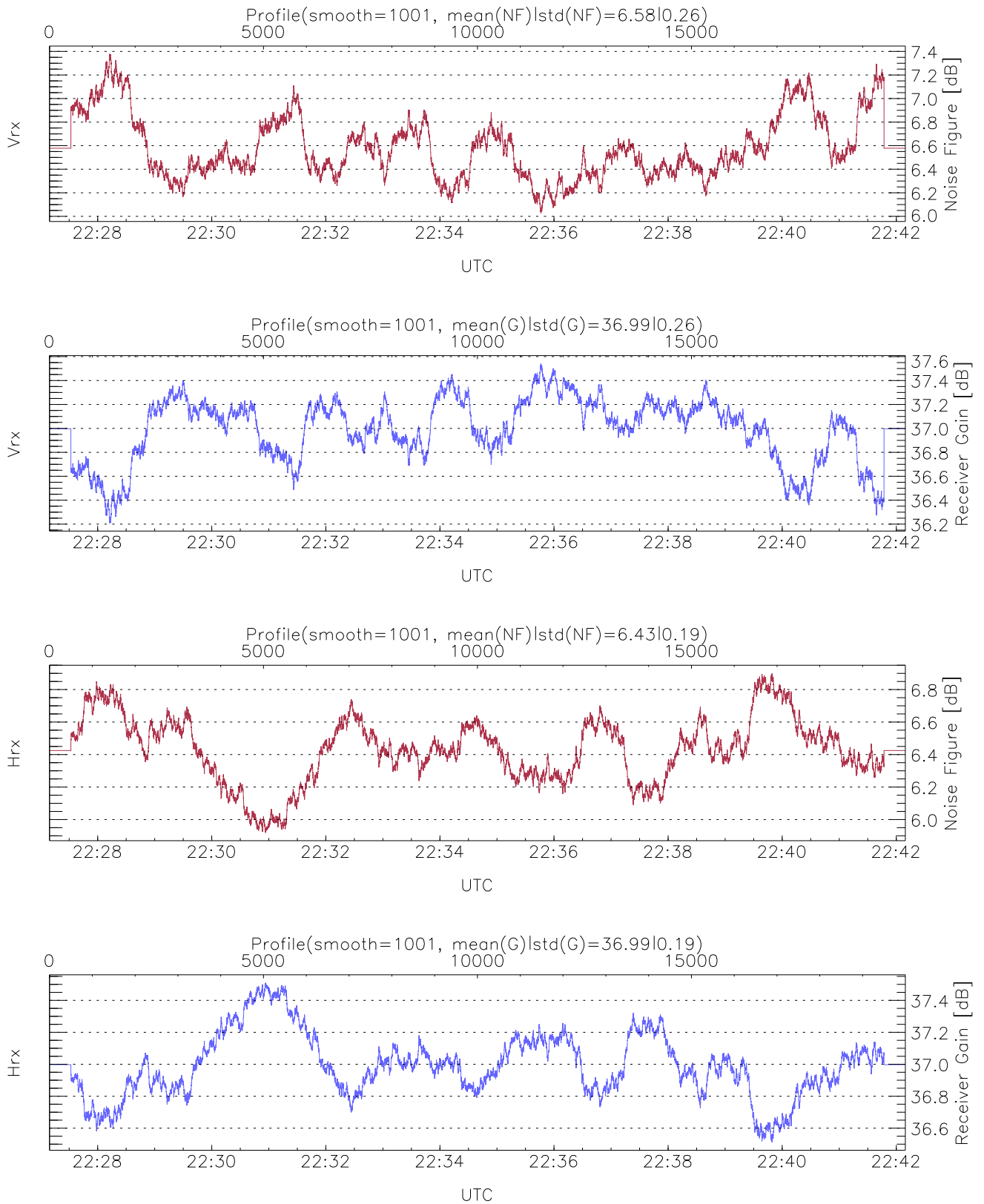
UTC: 22:27:09-22:50:58, TimeCor: 0.00s, Dur: 900.18s
 TimeFlg: 41, Using Host/Server time !
 TimeInt/PPS(min,max,mn,std): 29.3,60.7,45.0,0.5 ms / 34.1,16.5,22.2
 NumRec(r/t): 20000/31741, 0-19999/22:27:09-22:42:10
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2
 PRF: 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-91011|2,3,9x = no mirror|sideluplerror): 1



WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

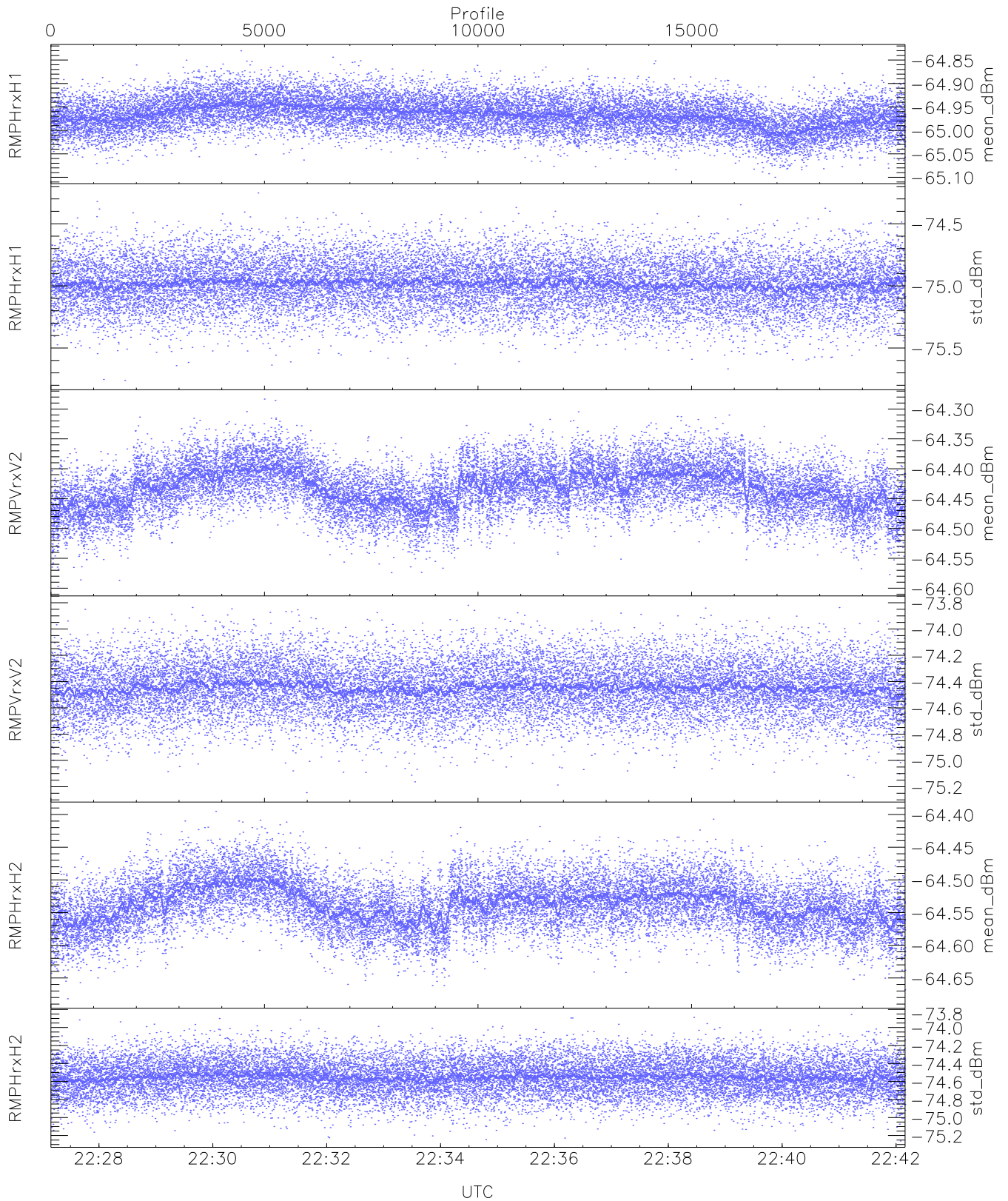
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 88,90,15,17,18,18
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,16,18,19,19
LOalarm(20,240,2817,14861 MHz): 0,0,92,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (24,24,47,24,47,47,24,24)
    
```



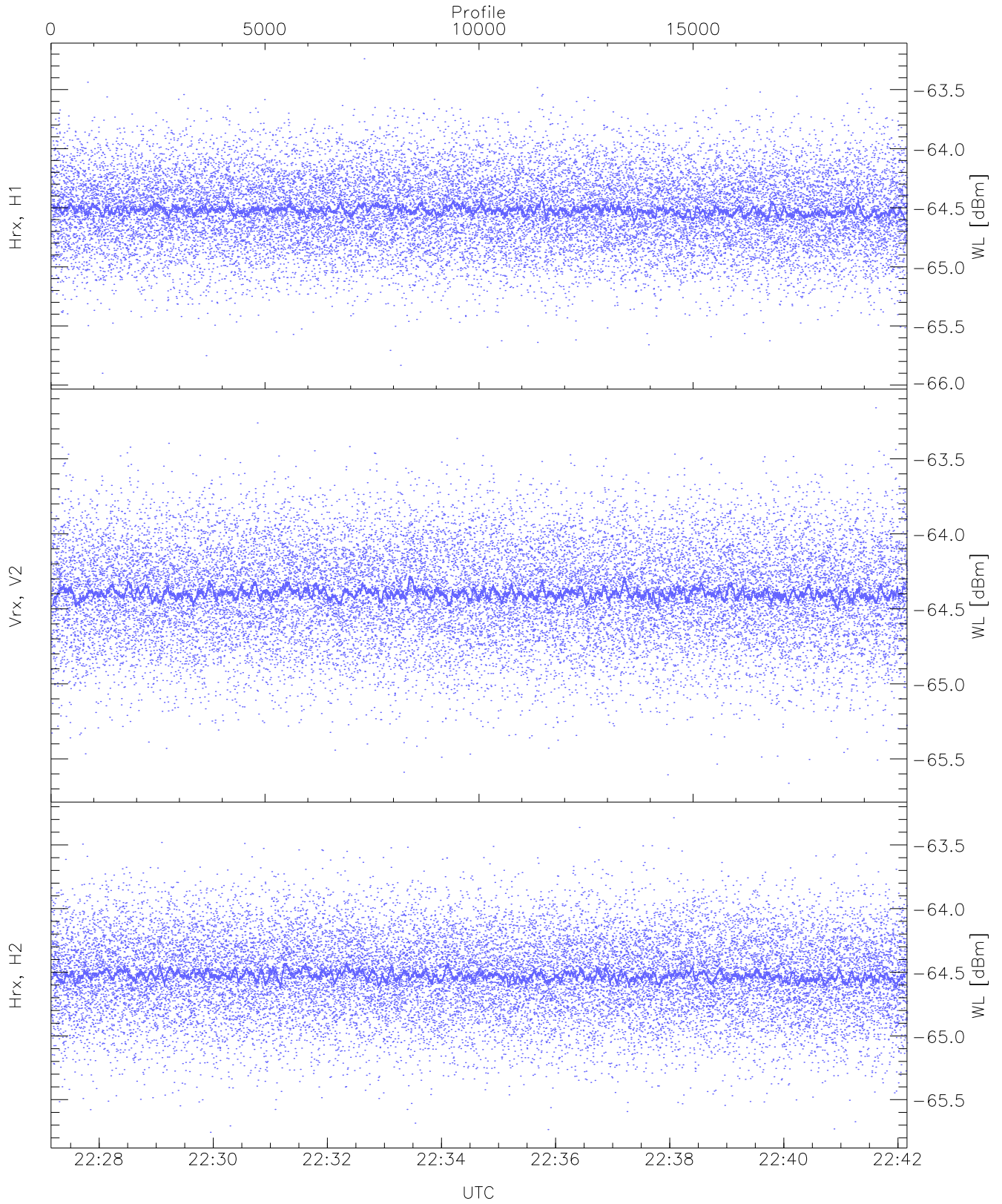
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 1 pixs, 1 gates, 1 profs, 1 prod(s)



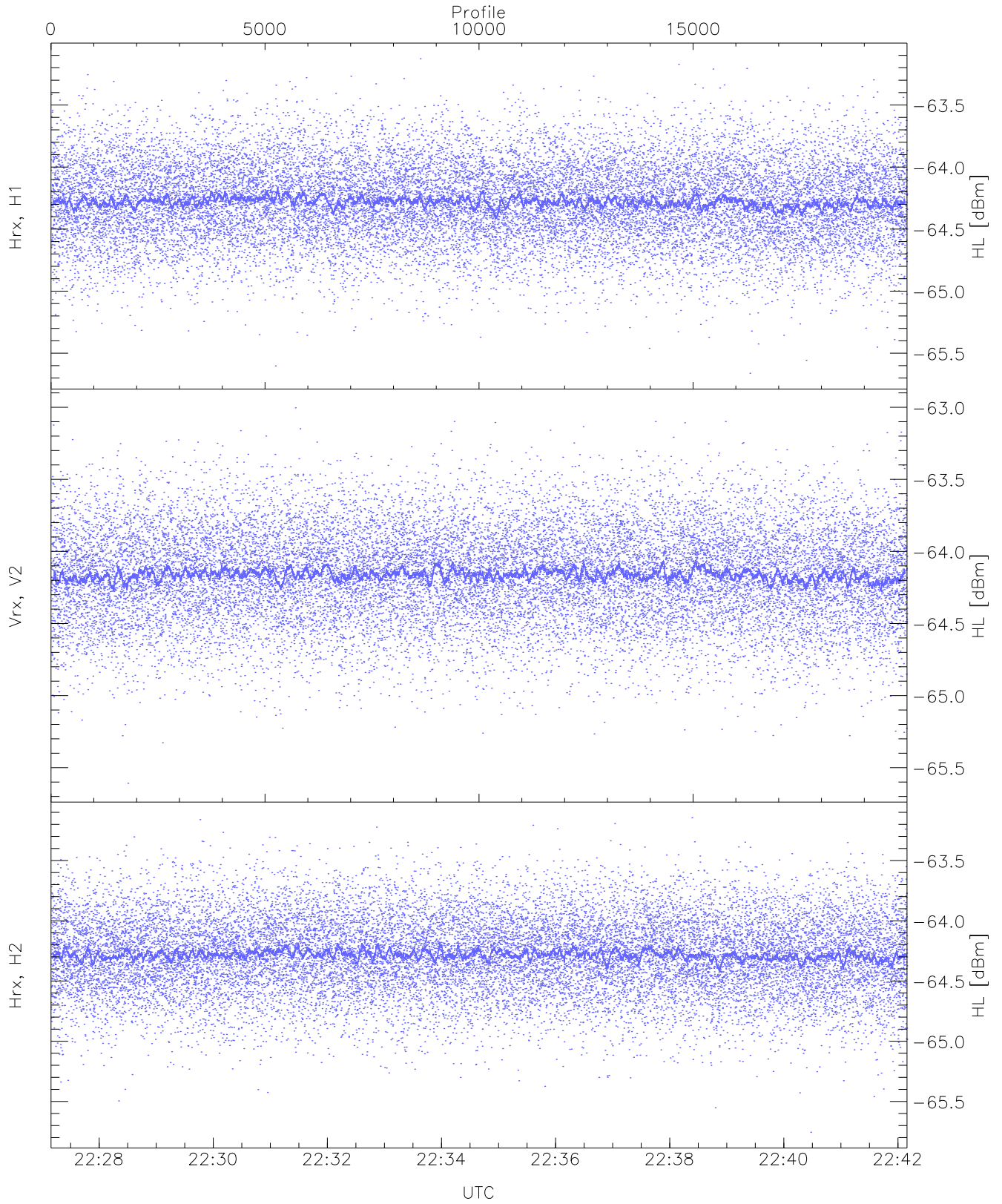
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.10	-64.83	-64.97	-64.97	-86.06
RMPHrxH1 (std_dBm)	-75.76	-74.25	-74.98	-74.99	-88.75
RMPVrxV2 (mean_dBm)	-64.60	-64.28	-64.43	-64.43	-84.88
RMPVrxV2 (std_dBm)	-75.25	-73.82	-74.45	-74.45	-88.22
RMPHrxH2 (mean_dBm)	-64.68	-64.40	-64.54	-64.54	-85.29
RMPHrxH2 (std_dBm)	-75.26	-73.86	-74.55	-74.55	-88.31



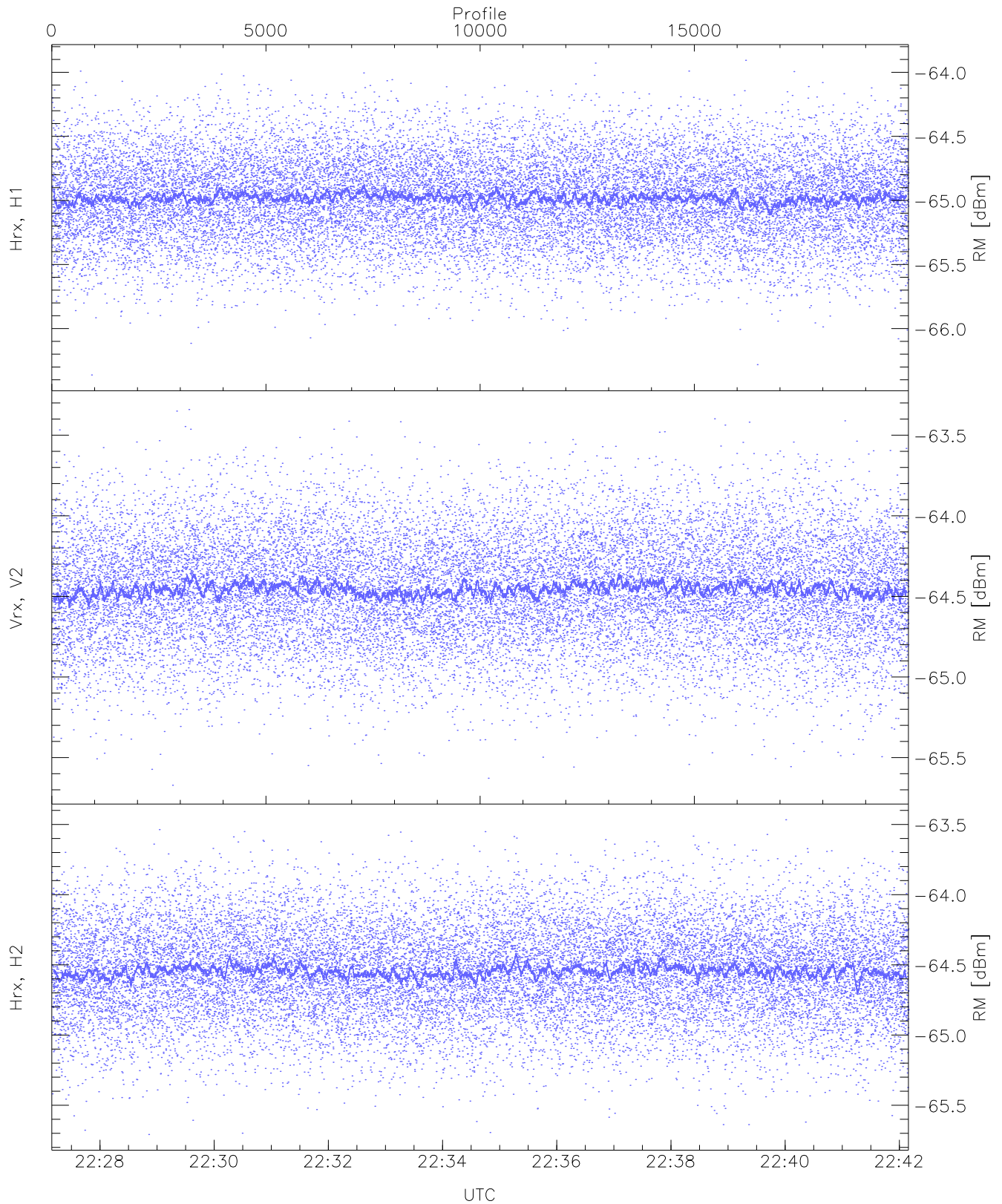
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.90	-63.24	-64.51	-64.52	-75.98
Vrx, V2 (WL [dBm])	-65.66	-63.16	-64.39	-64.40	-75.88
Hrx, H2 (WL [dBm])	-65.76	-63.29	-64.52	-64.53	-75.99



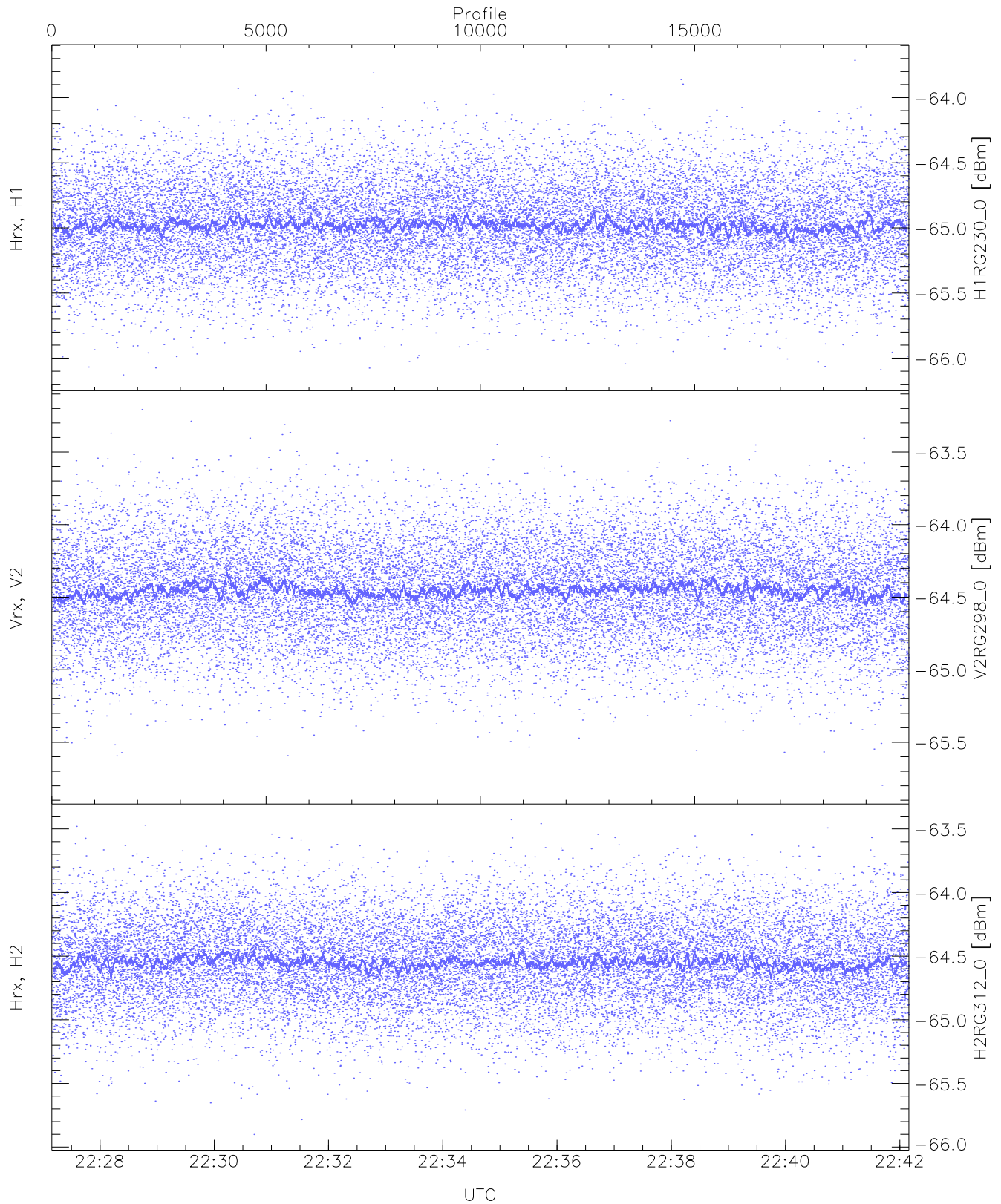
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.66	-63.13	-64.27	-64.28	-75.76
Vrx, V2 (HL [dBm])	-65.61	-63.00	-64.15	-64.16	-75.62
Hrx, H2 (HL [dBm])	-65.76	-63.15	-64.28	-64.28	-75.77



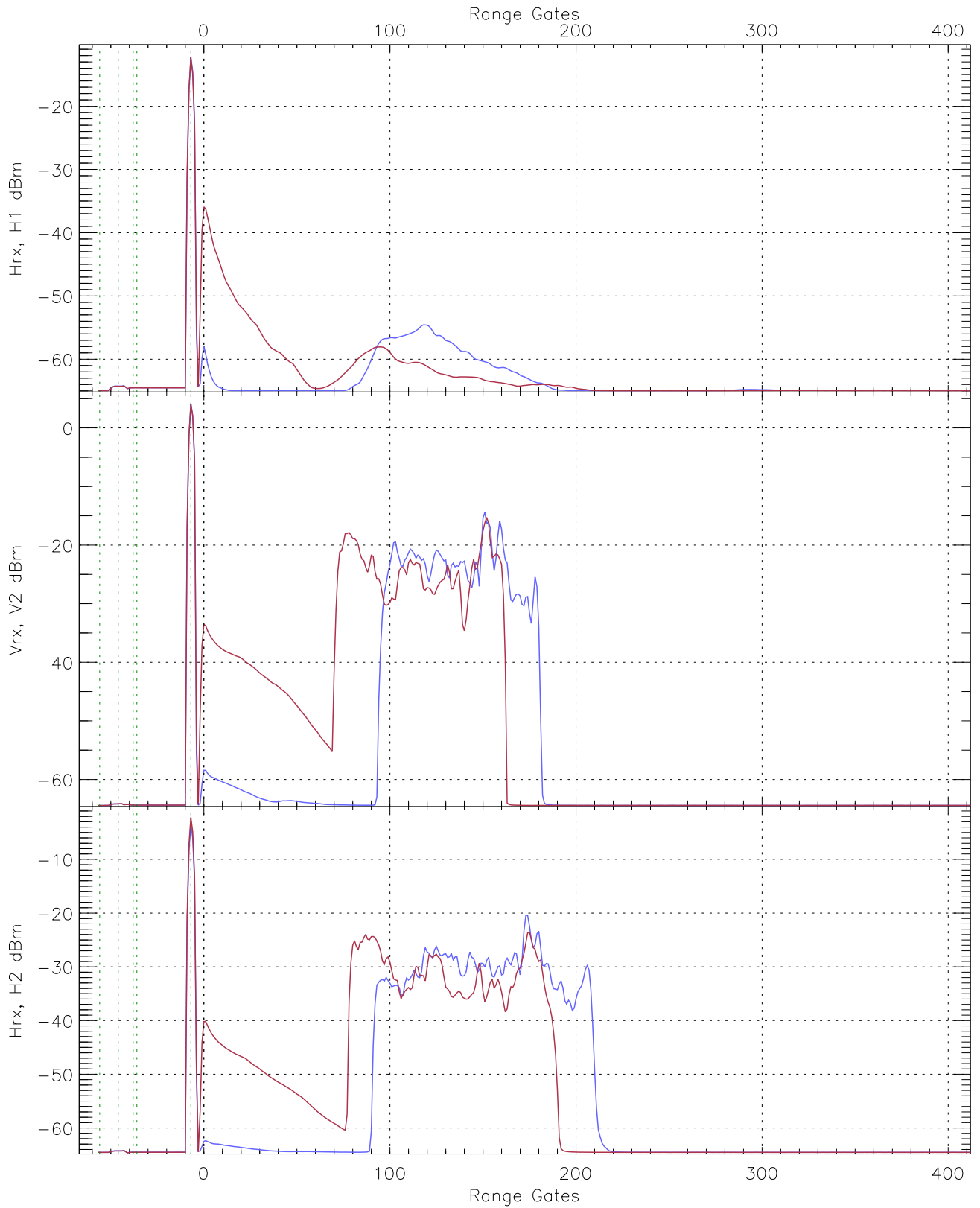
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.36	-63.91	-64.97	-64.98	-76.50
Vrx, V2 (RM [dBm])	-65.67	-63.34	-64.45	-64.46	-75.94
Hrx, H2 (RM [dBm])	-65.71	-63.47	-64.54	-64.55	-76.04

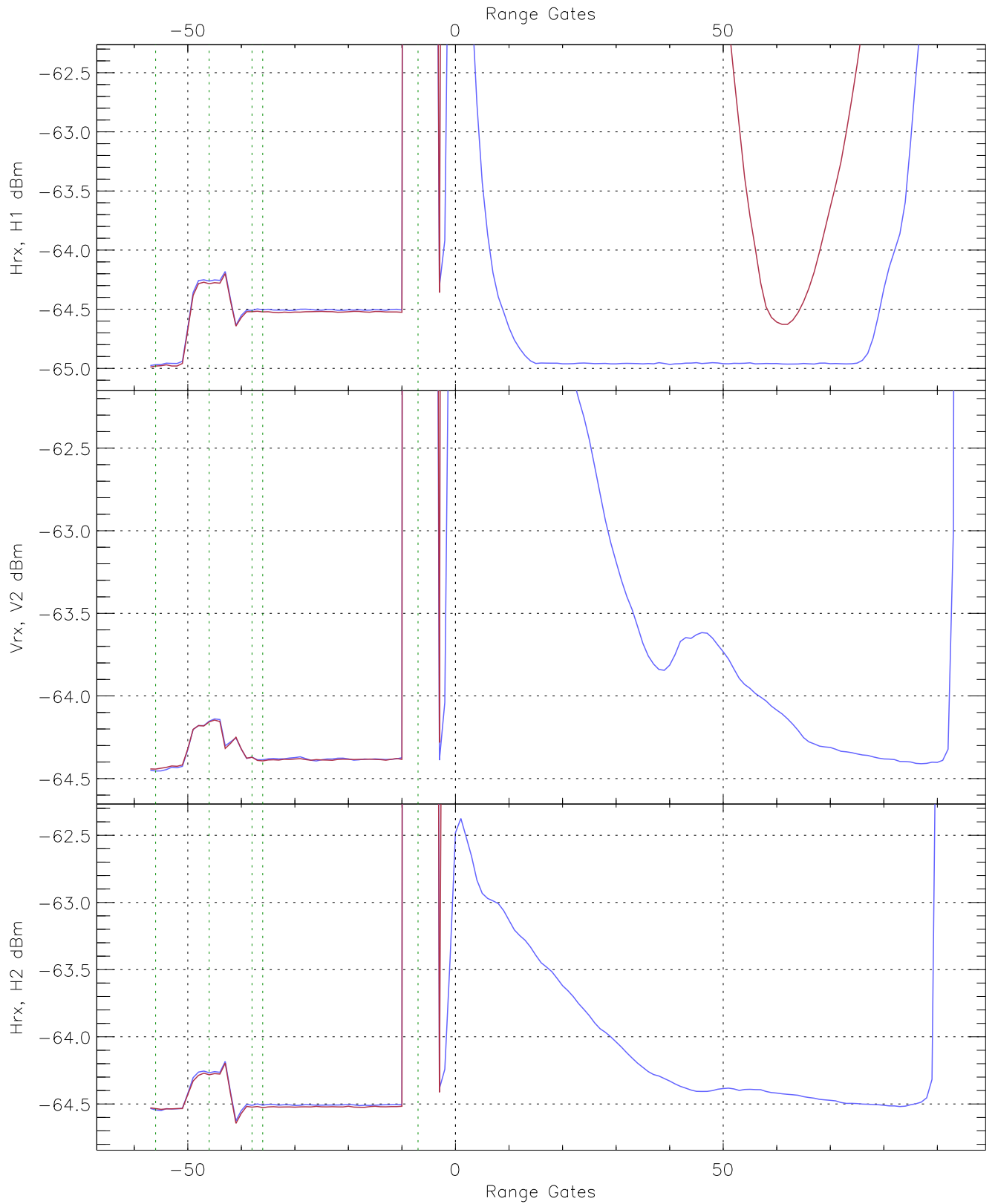


WCR3 CPP "Best" estimate Receivers Noise Power

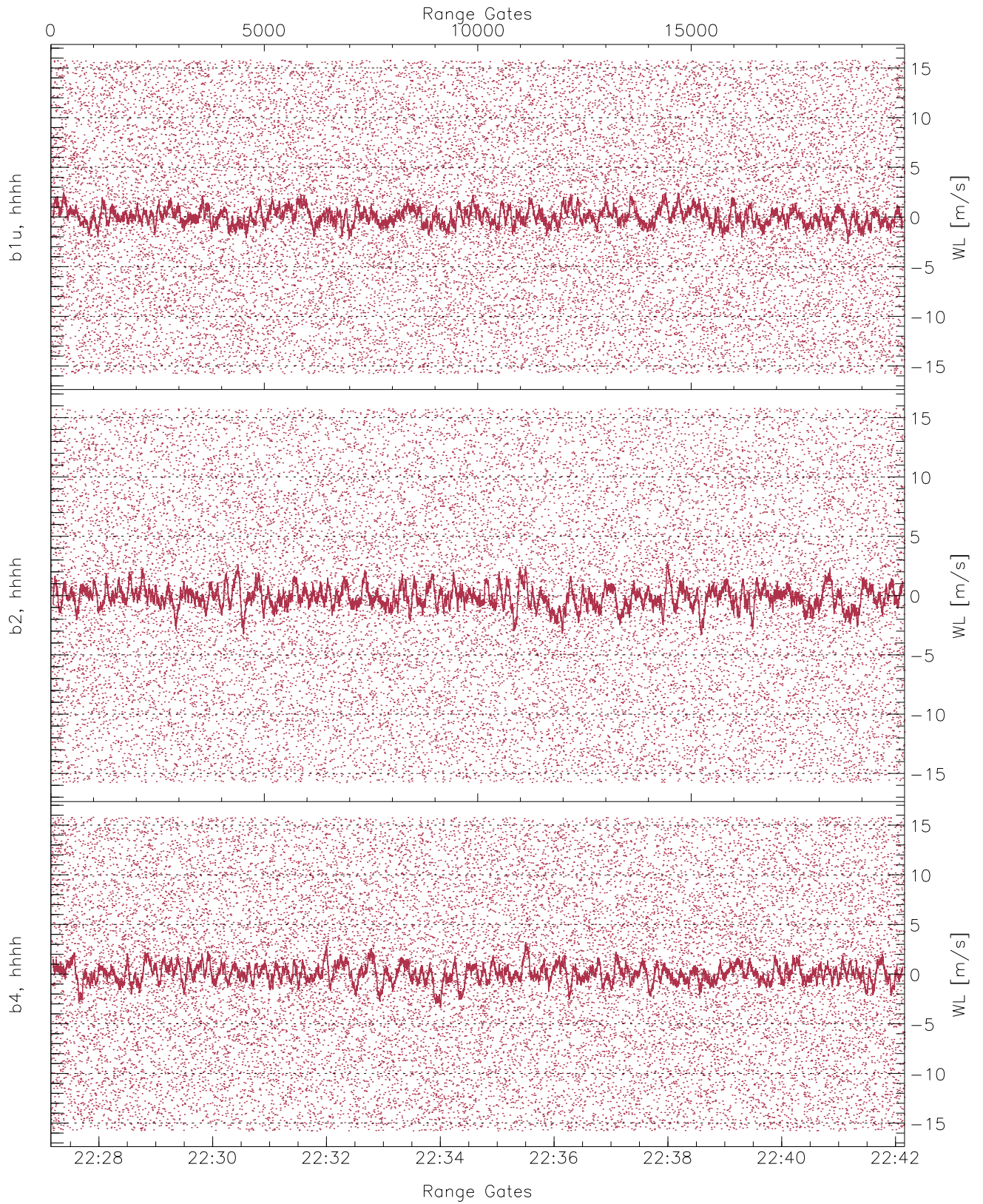
	Min	Max	Mean	Median	StDev
H1RG230_0 [dBm]	-66.13	-63.71	-64.97	-64.98	-76.43
V2RG298_0 [dBm]	-65.80	-63.21	-64.45	-64.45	-75.94
H2RG312_0 [dBm]	-65.90	-63.43	-64.54	-64.55	-76.00



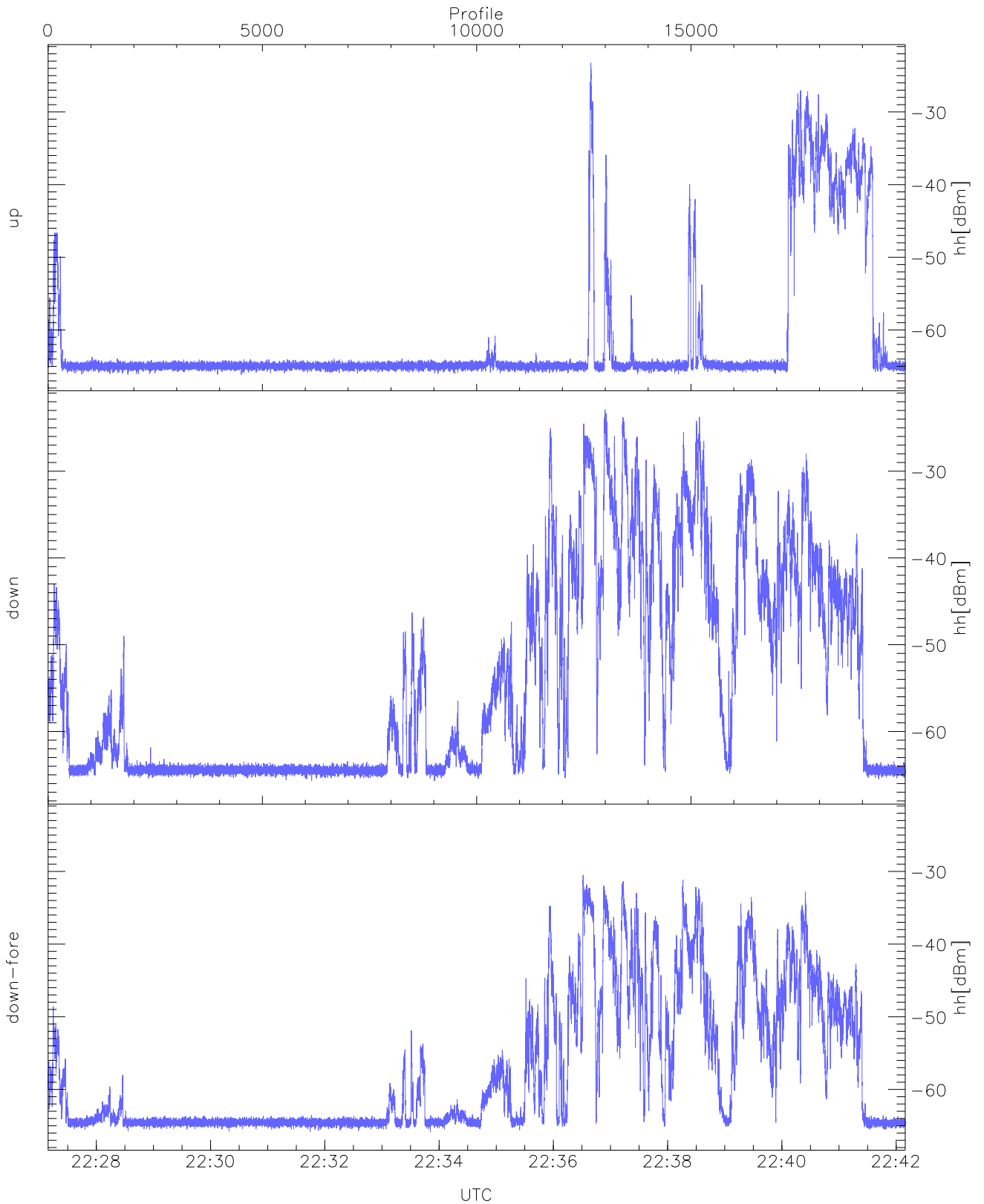
WCR3 CPP Averaged Received power for all recorded gates
blue: 222709-223439, 10001 profiles averaged
red: 223439-224210, 10000 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 222709-223439, 10001 profiles averaged
red: 223439-224210, 10000 profiles averaged

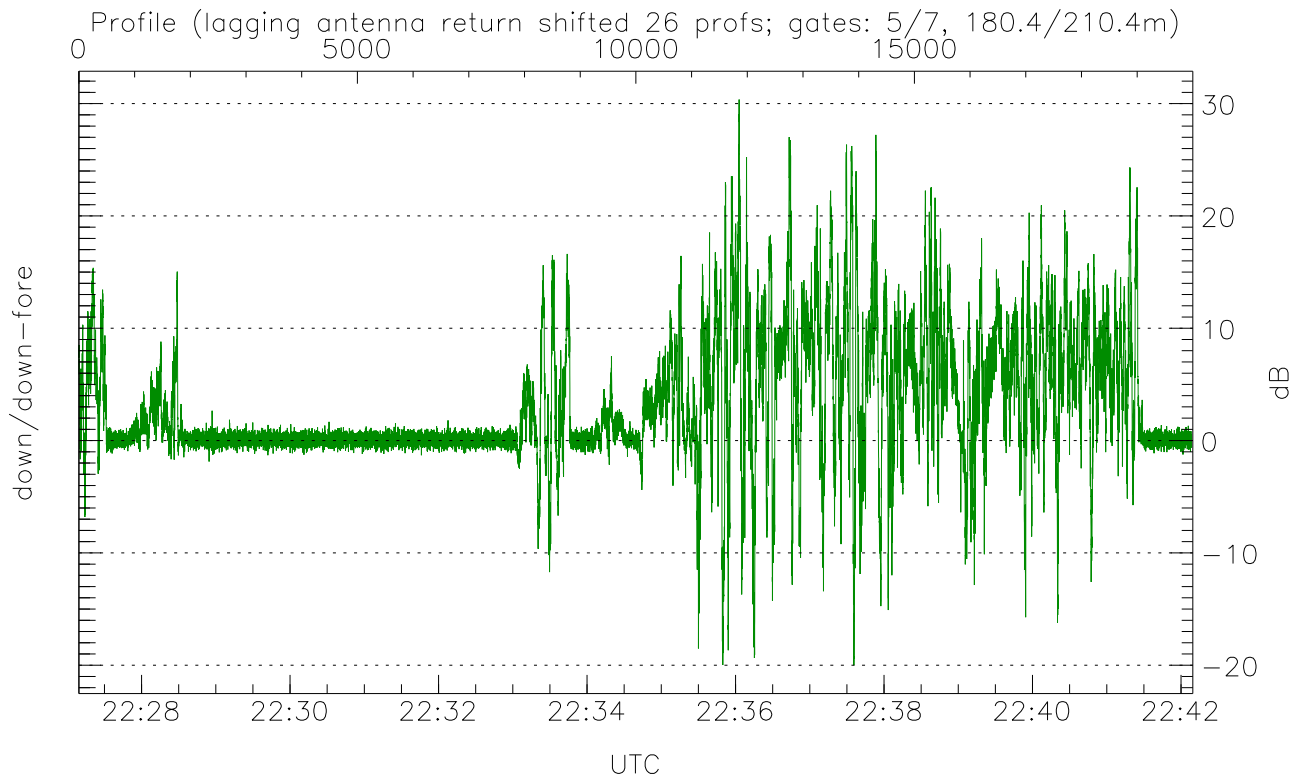
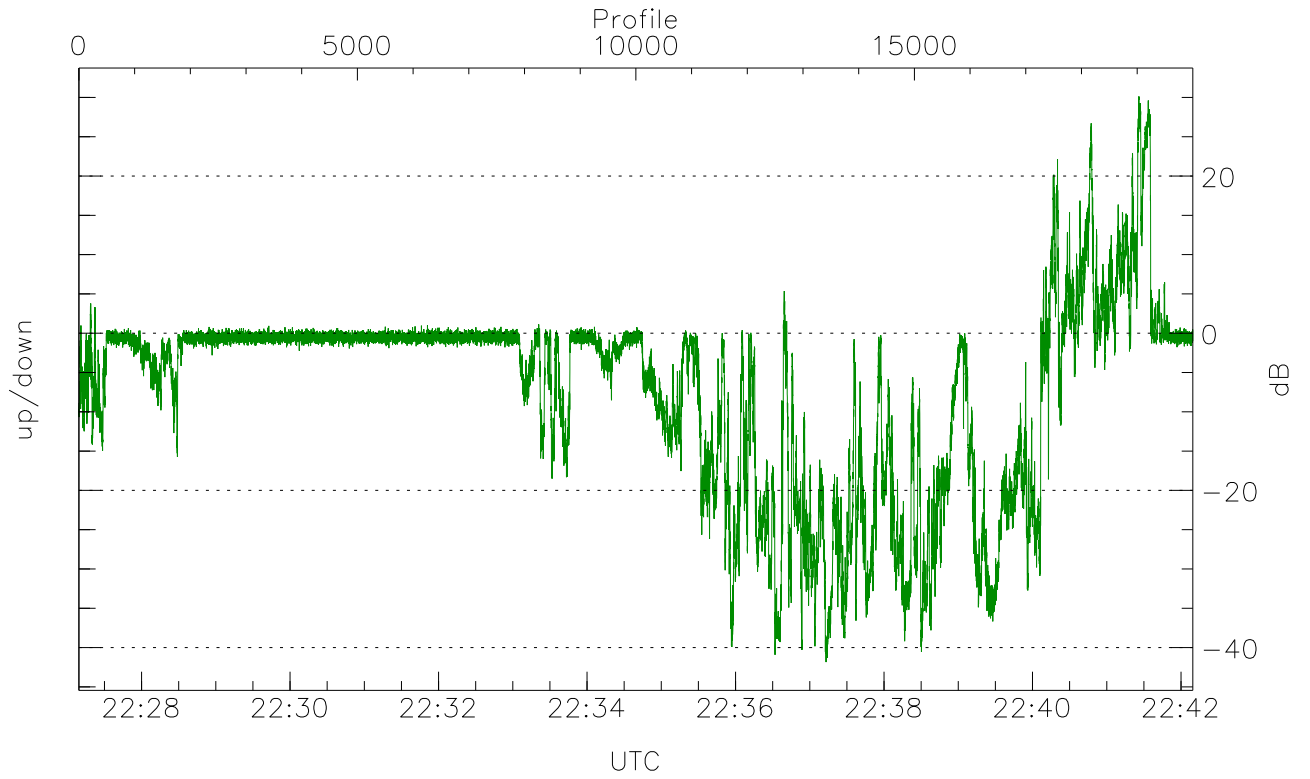


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



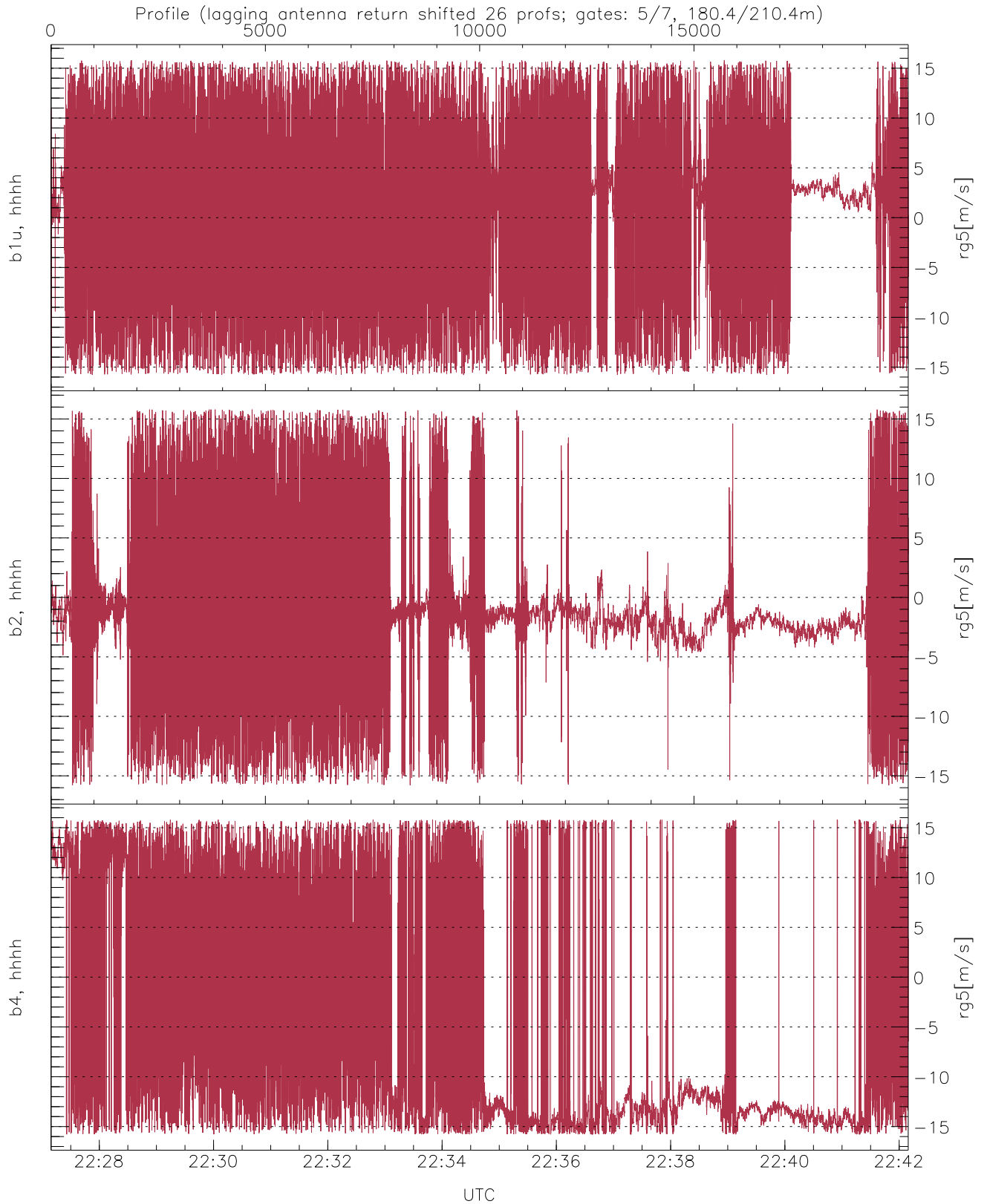
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh [dBm])	-66.20	-23.24	-44.71
down(hh [dBm])	-65.69	-22.89	-39.22
down-fore(hh [dBm])	-65.89	-30.50	-45.83



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-41.85	30.14	-7.17
down/down-fore (dB)	-20.00	30.37	3.08



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.47	7.61
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.00	5.79
b4, hhhh(rg5[m/s])	-15.79	15.79	-5.11	10.41