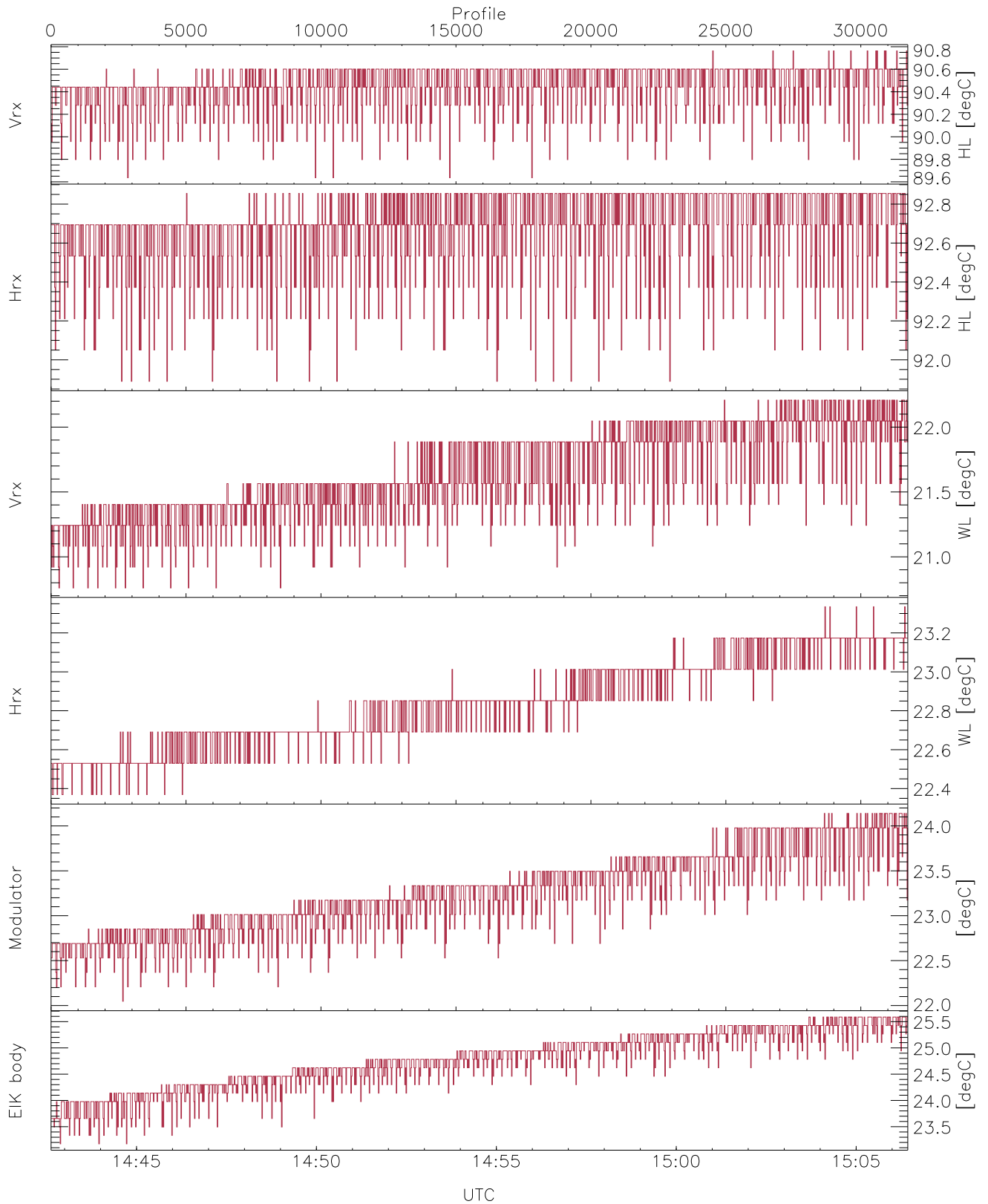


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

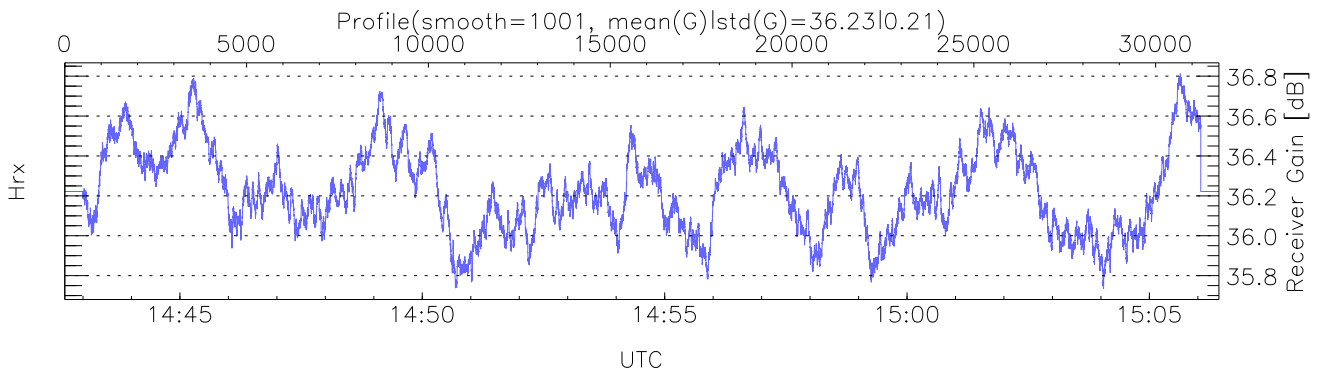
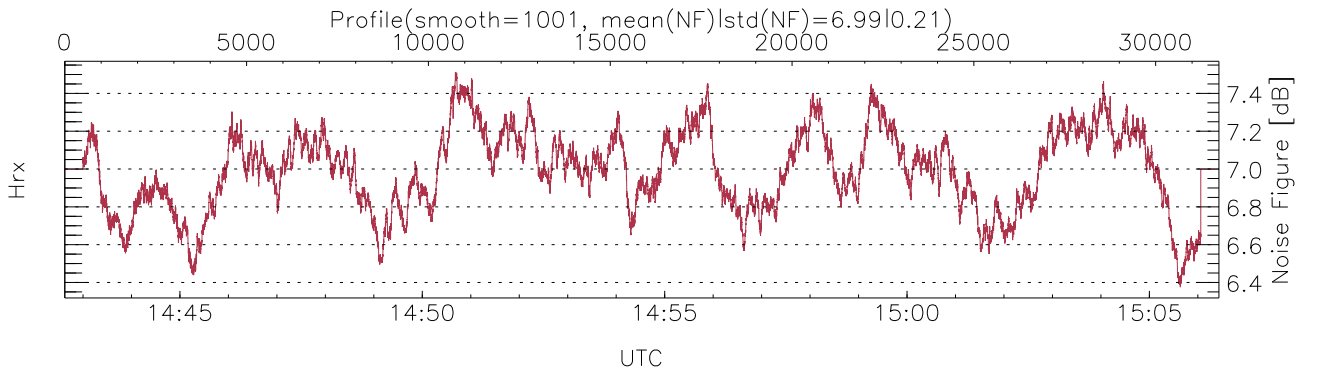
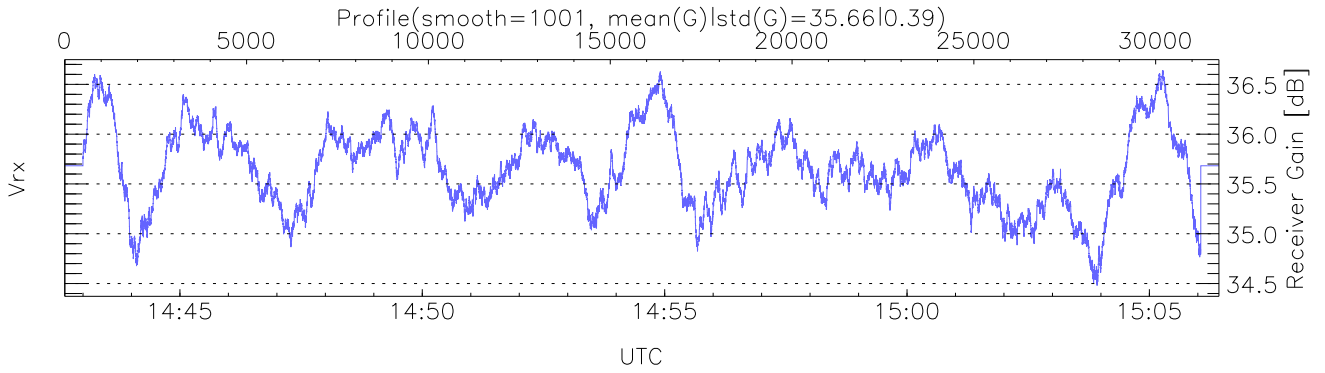
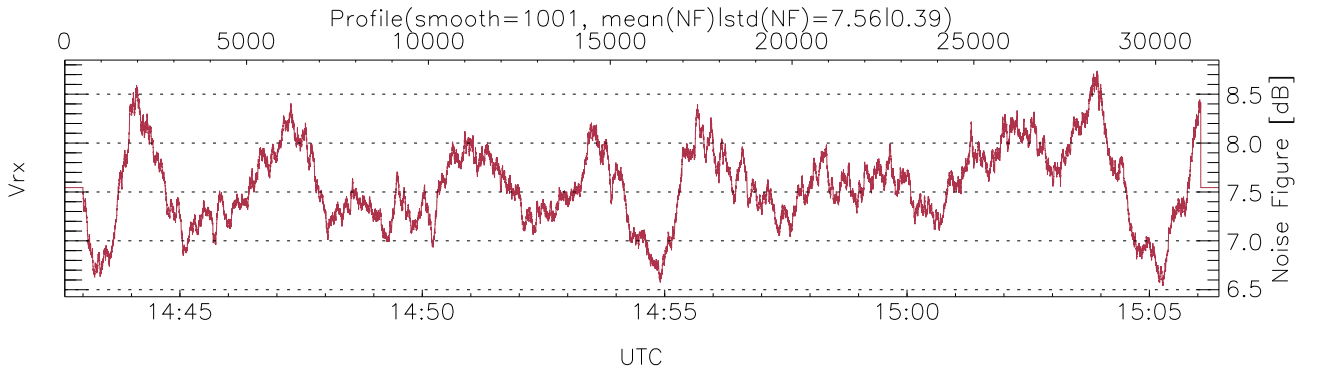
UTC: 14:42:37-15:06:26, TimeCor: 0.00s, Dur: 1428.66s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 31741/31741, 0-31740/14:42:37-15:06:26
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, 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,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



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

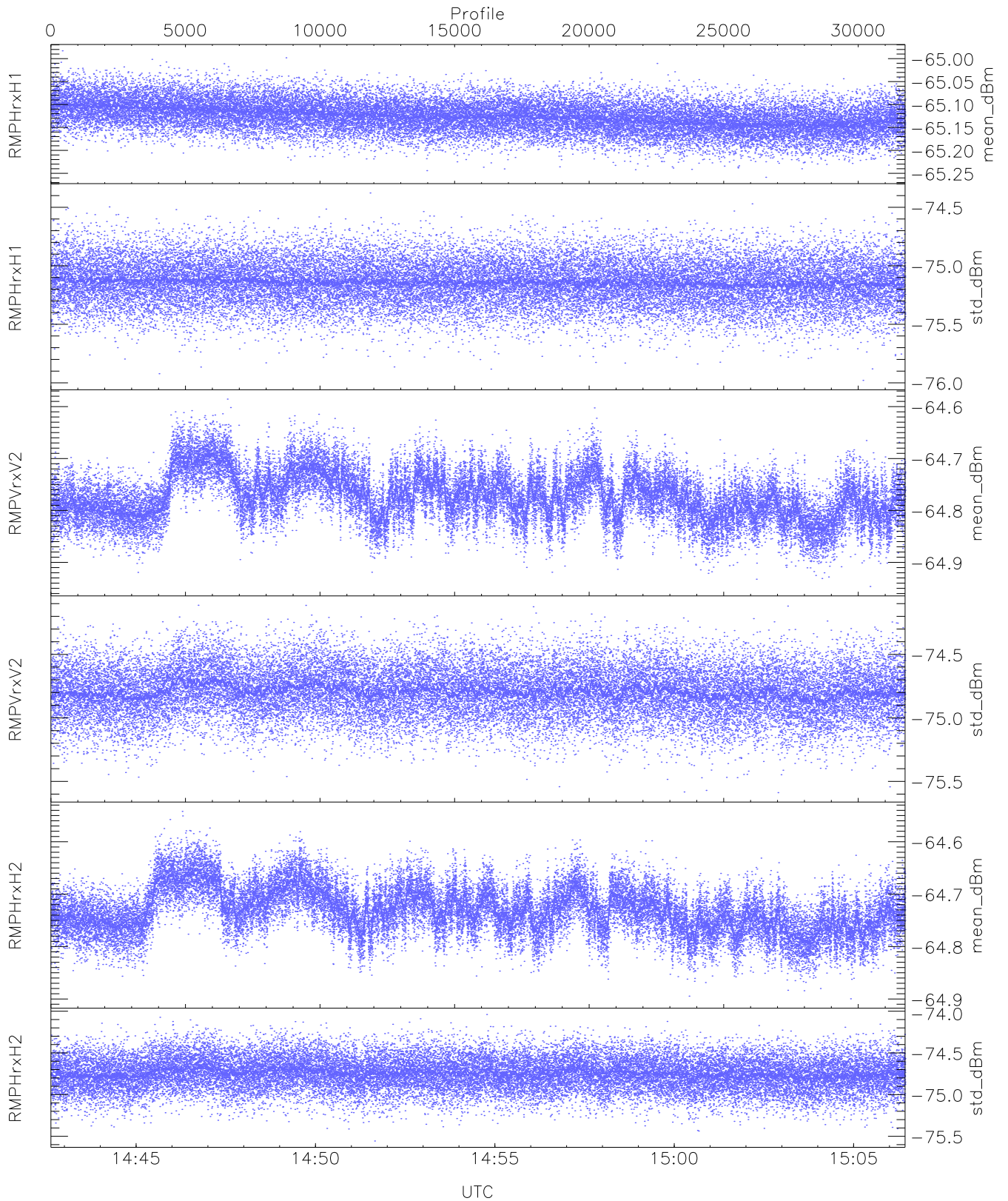
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,20,22,22,23
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,23,24,25
LOalarm(20,240,2817,14861 MHz): 0,0,44,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (44,44,44,44,66,66,44,22)
    
```



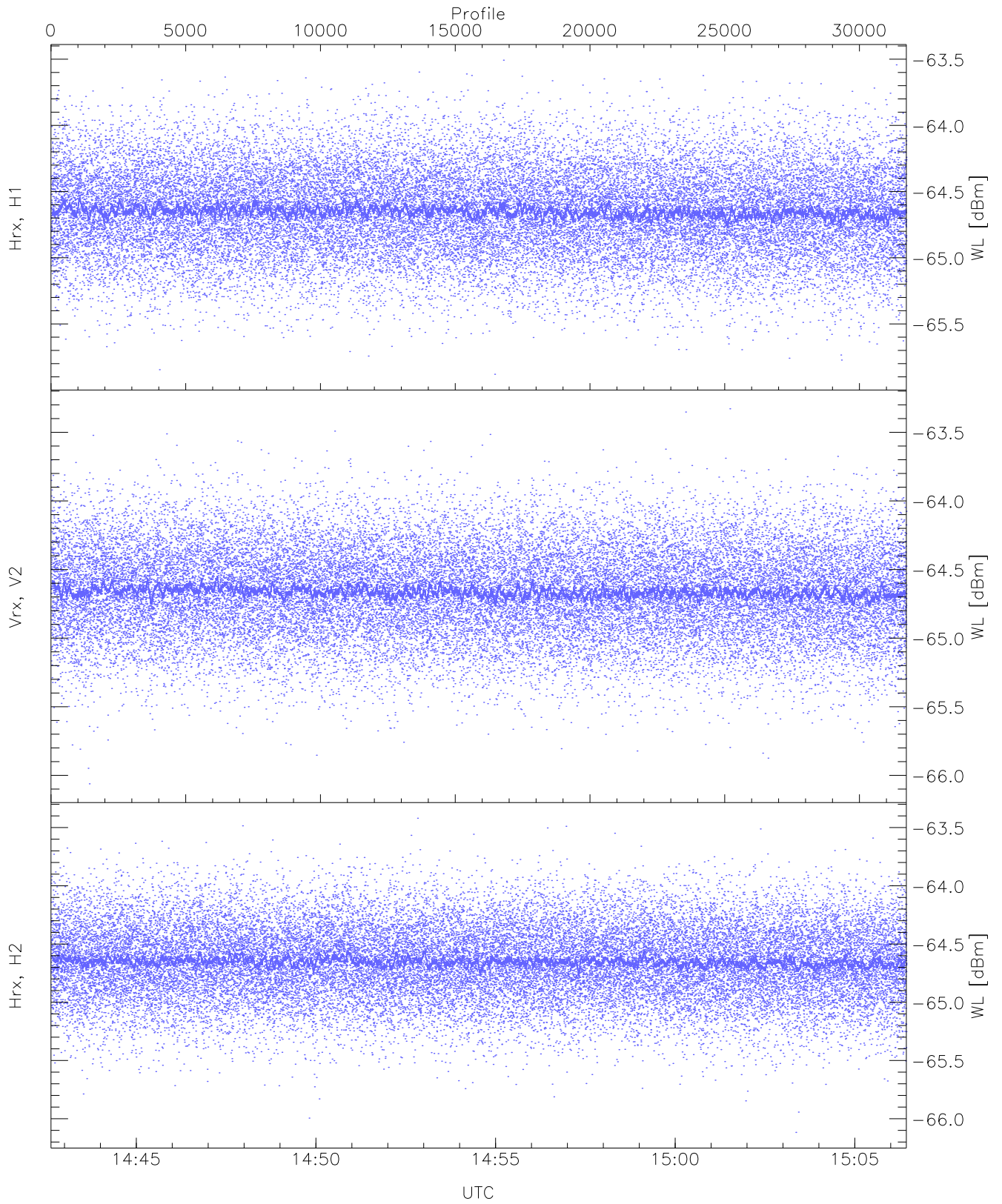
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



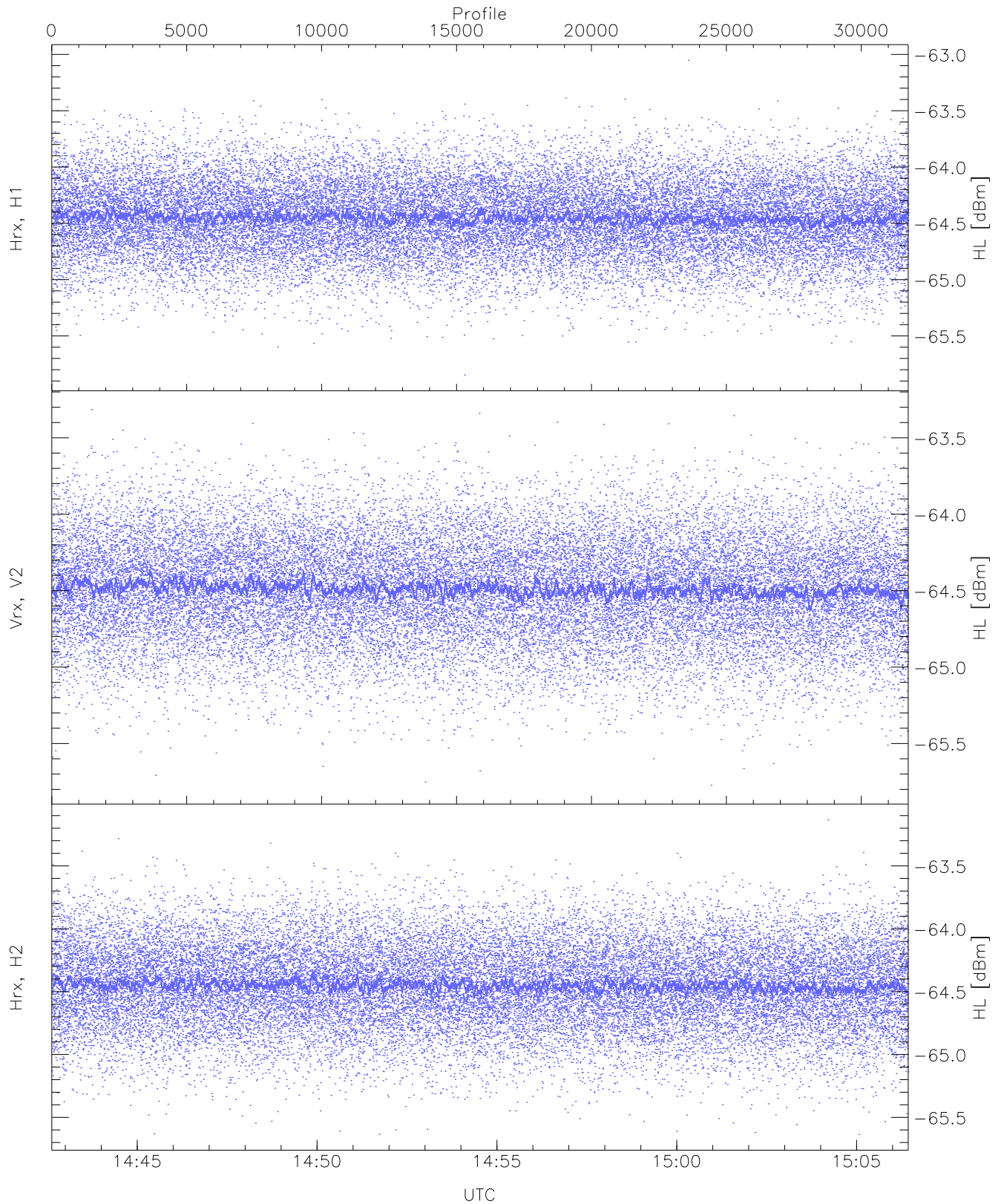
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.26	-64.98	-65.13	-65.13	-86.36
RMPHrxH1(std_dBm)	-75.98	-74.38	-75.14	-75.14	-88.95
RMPVrxV2(mean_dBm)	-64.95	-64.59	-64.77	-64.77	-84.38
RMPVrxV2(std_dBm)	-75.59	-74.11	-74.79	-74.79	-88.51
RMPHrxH2(mean_dBm)	-64.90	-64.54	-64.73	-64.73	-84.60
RMPHrxH2(std_dBm)	-75.56	-74.04	-74.75	-74.75	-88.44



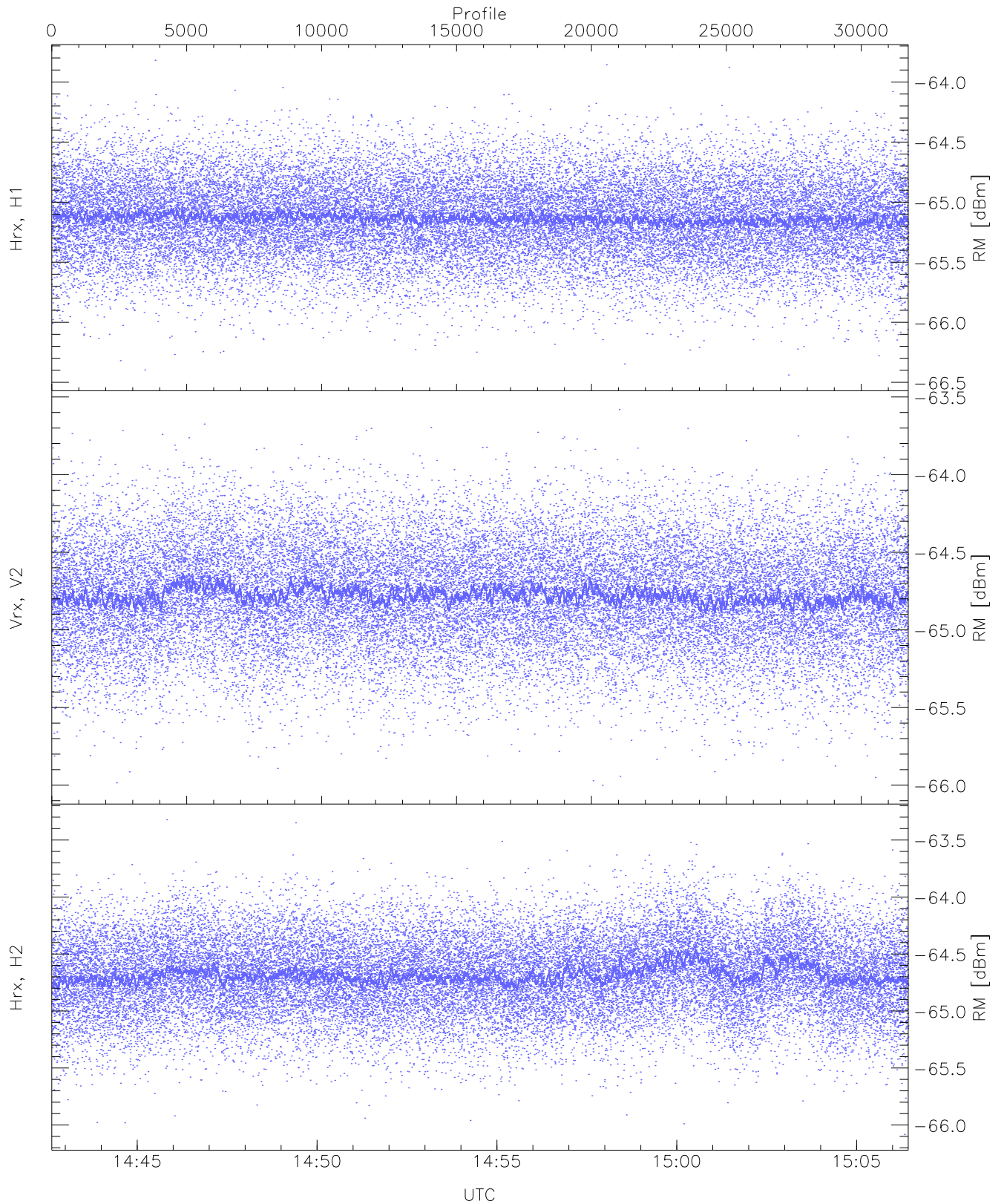
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.88	-63.51	-64.65	-64.65	-76.12
Vrx, V2 (WL [dBm])	-66.06	-63.33	-64.66	-64.66	-76.12
Hrx, H2 (WL [dBm])	-66.12	-63.42	-64.64	-64.65	-76.15



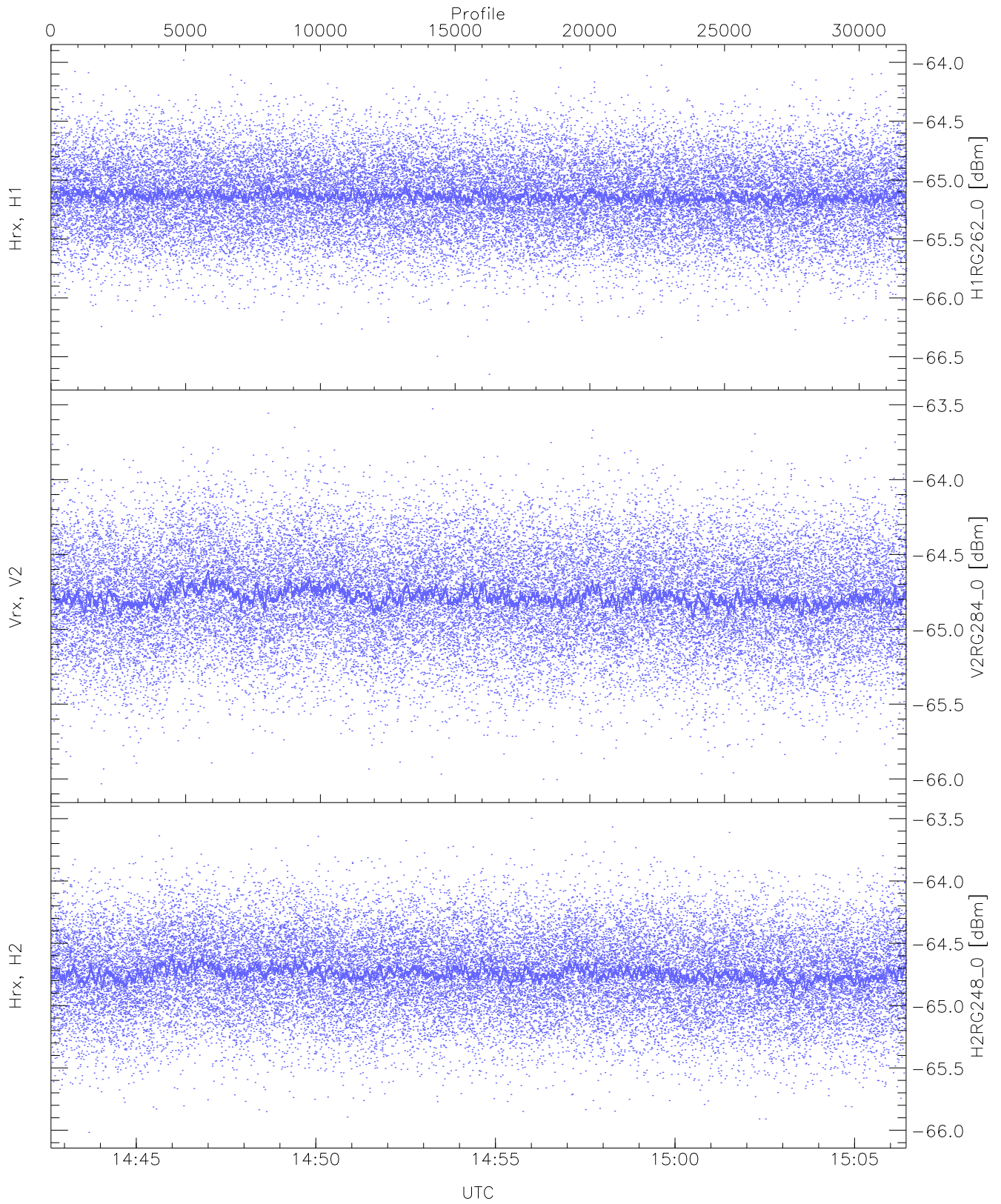
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.85	-63.05	-64.45	-64.45	-75.93
Vrx, V2 (HL [dBm])	-65.77	-63.31	-64.48	-64.49	-75.96
Hrx, H2 (HL [dBm])	-65.64	-63.13	-64.44	-64.45	-75.94



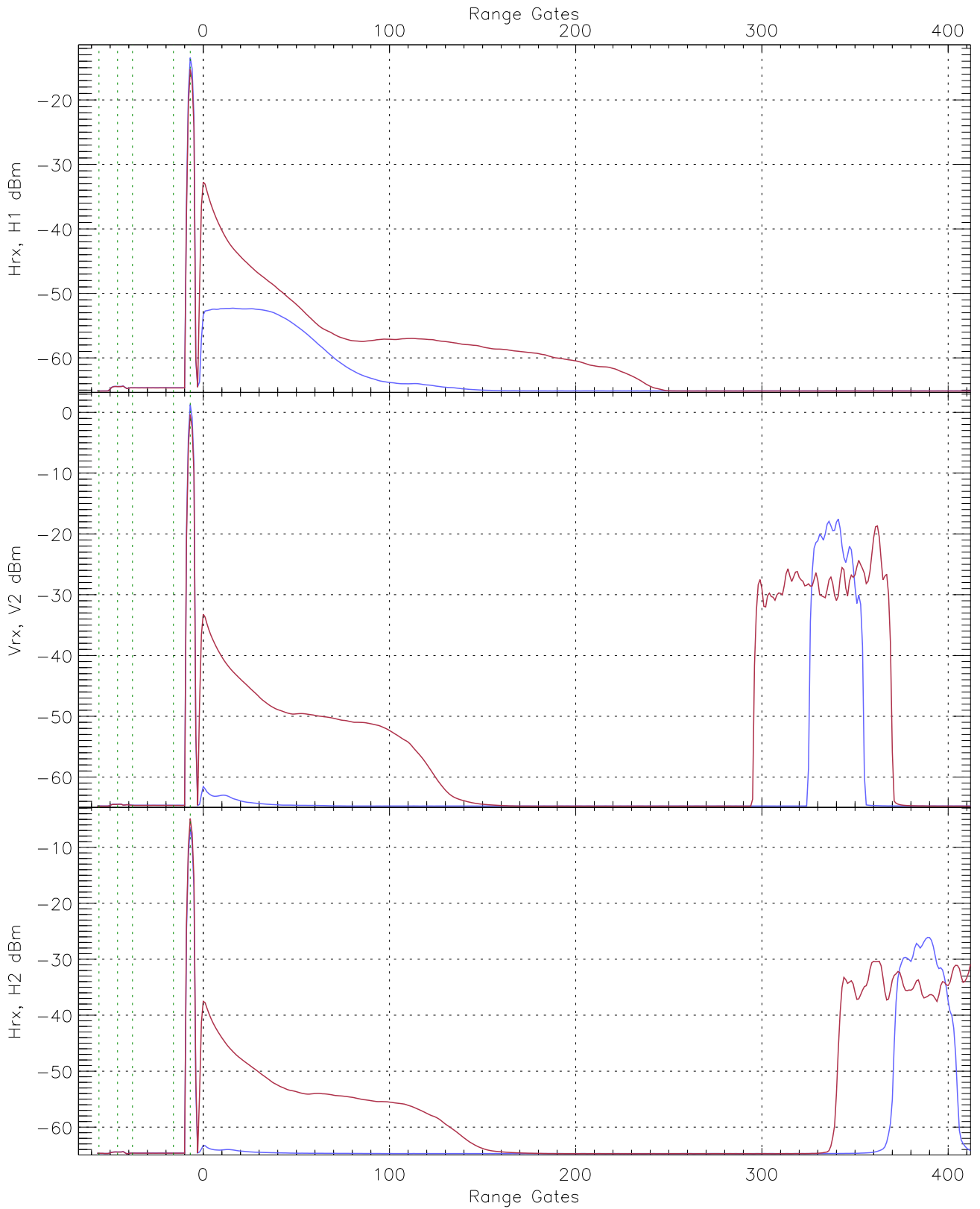
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.44	-63.82	-65.13	-65.13	-76.64
Vrx, V2 (RM [dBm])	-66.00	-63.58	-64.77	-64.78	-76.24
Hrx, H2 (RM [dBm])	-66.08	-63.32	-64.68	-64.68	-76.07

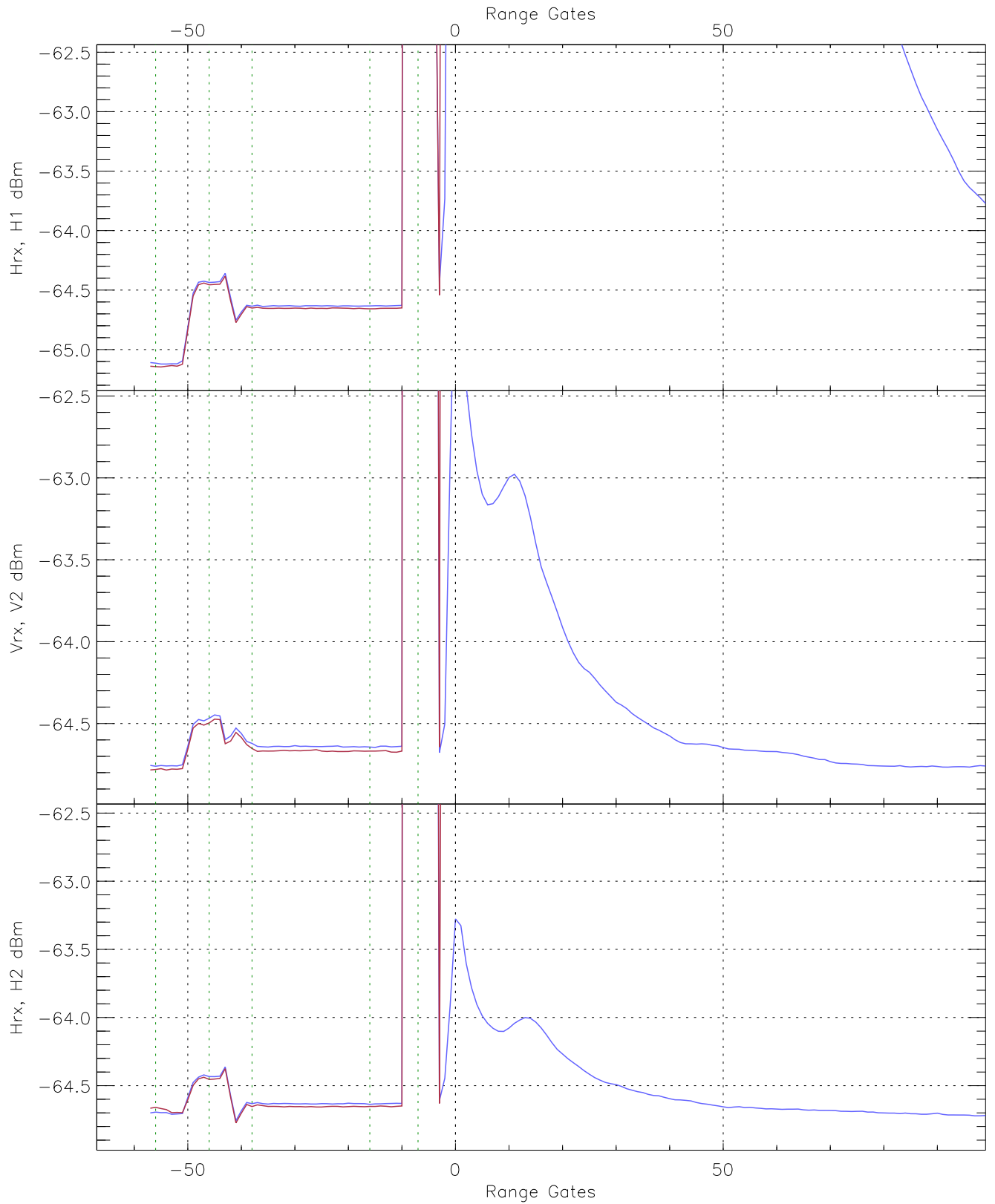


WCR3 CPP "Best" estimate Receivers Noise Power

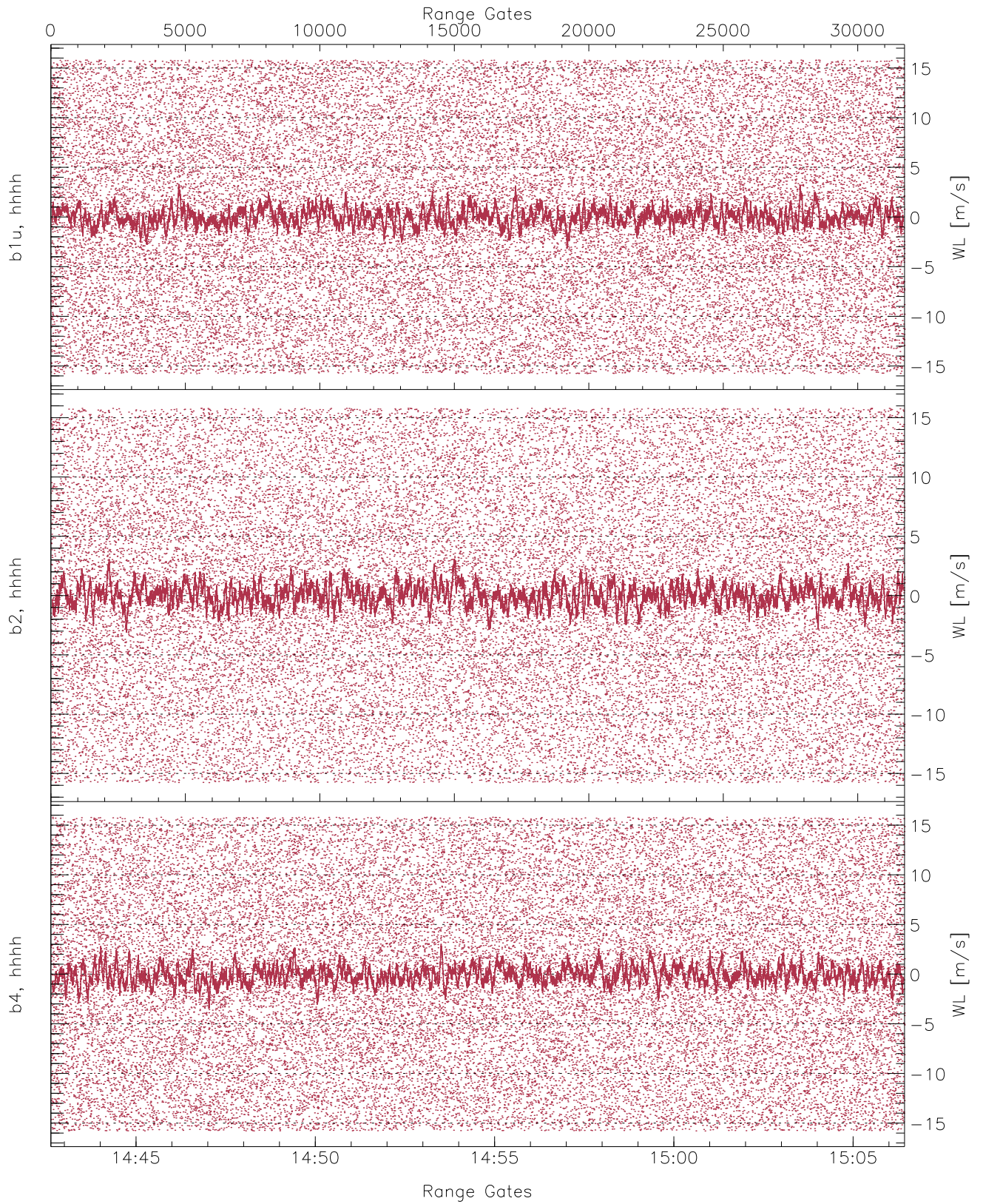
	Min	Max	Mean	Median	StDev
H1RG262_0 [dBm]	-66.65	-63.98	-65.13	-65.14	-76.66
V2RG284_0 [dBm]	-66.03	-63.53	-64.78	-64.79	-76.22
H2RG248_0 [dBm]	-66.02	-63.50	-64.74	-64.74	-76.19



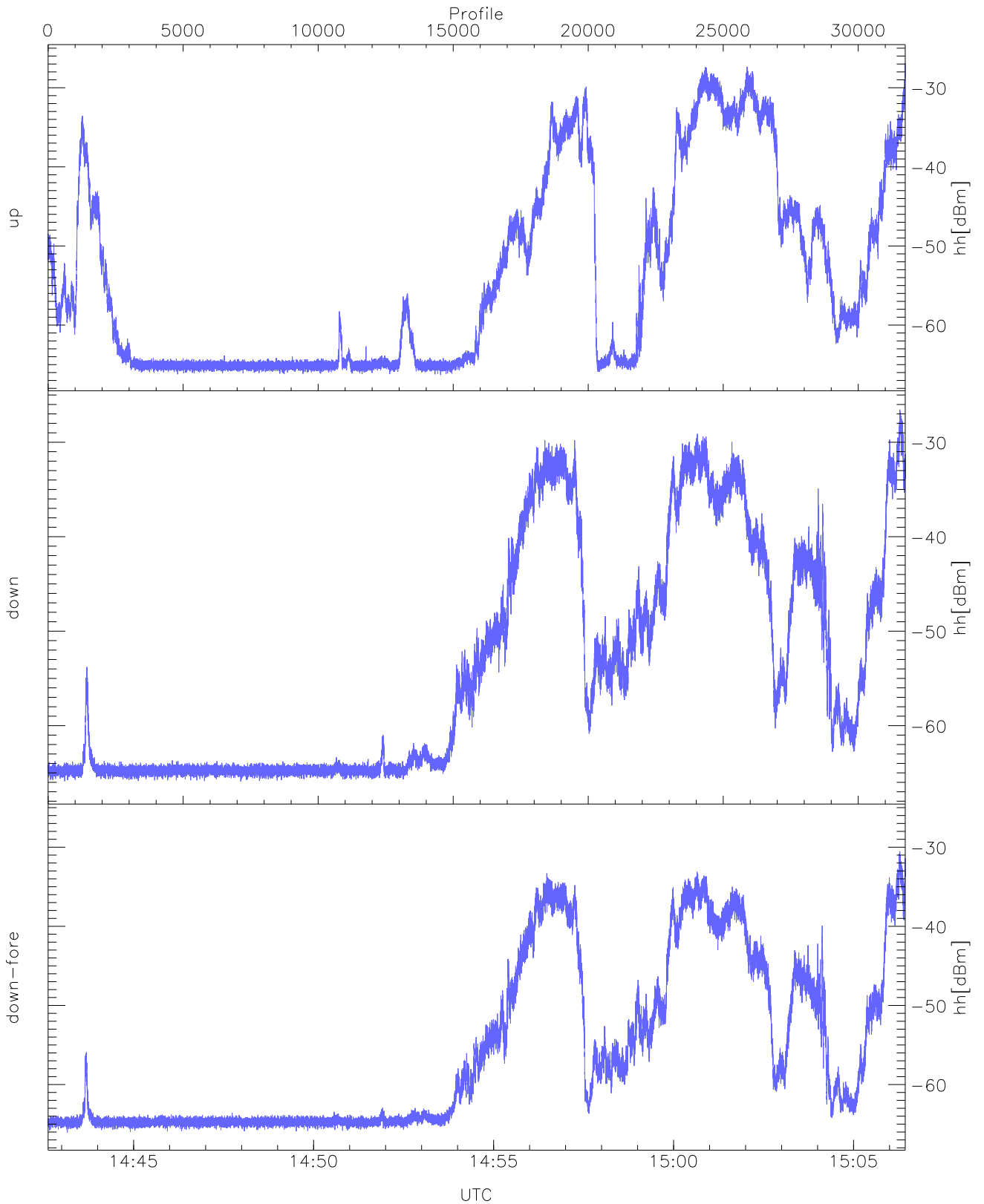
WCR3 CPP Averaged Received power for all recorded gates
blue: 144237-145432, 15871 profiles averaged
red: 145432-150626, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 144237-145432, 15871 profiles averaged
red: 145432-150626, 15871 profiles averaged

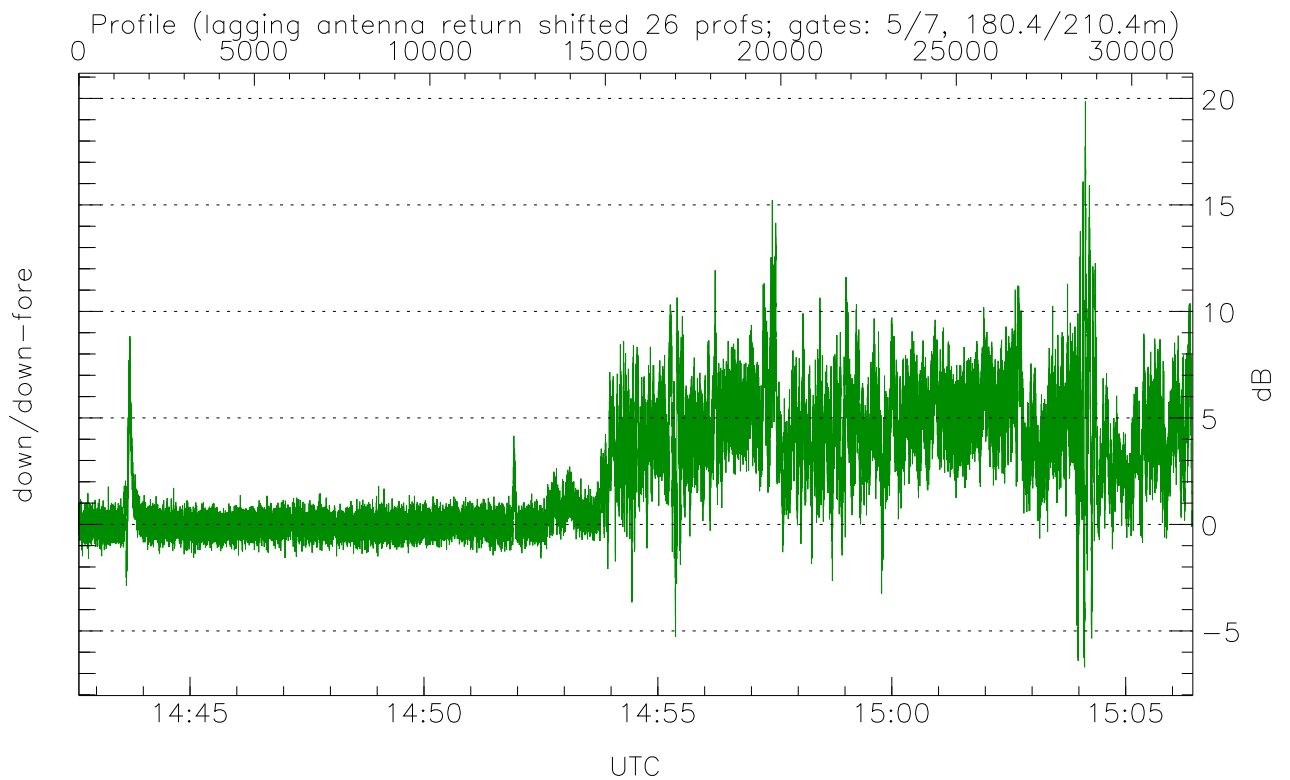
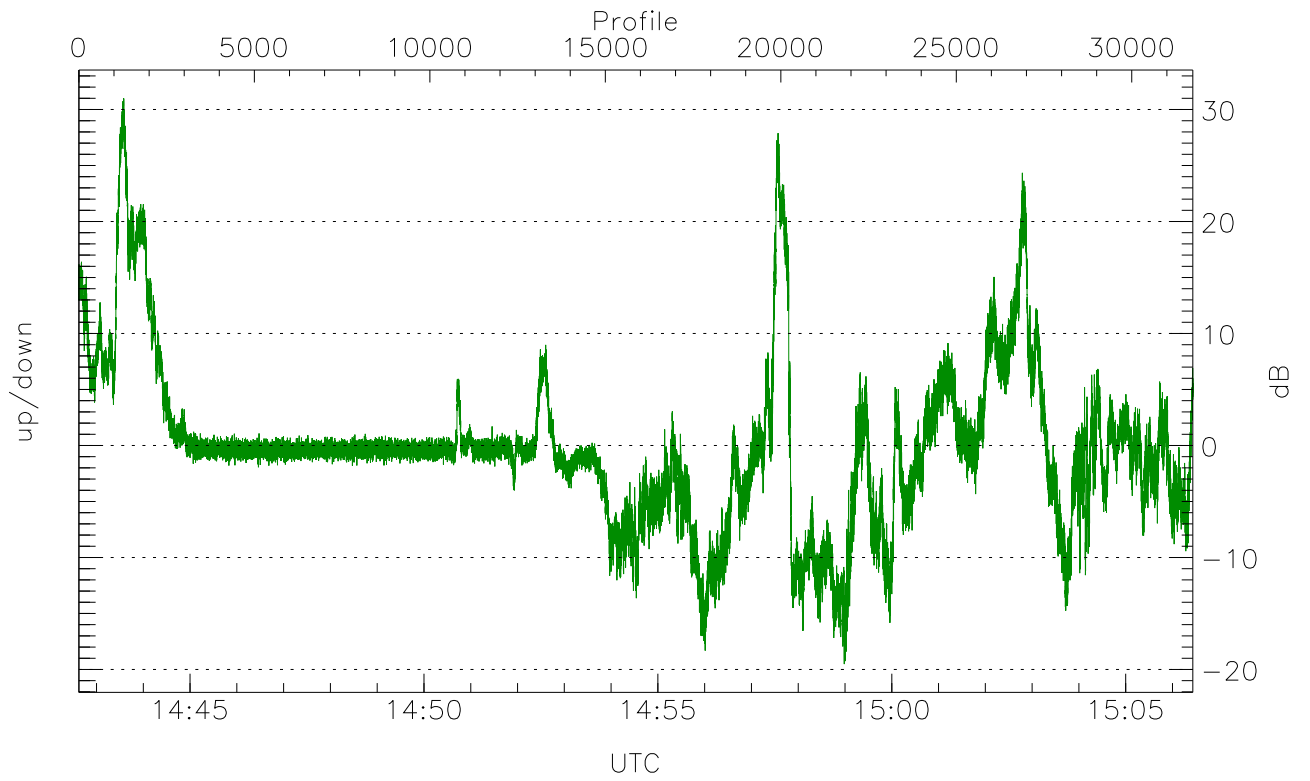


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



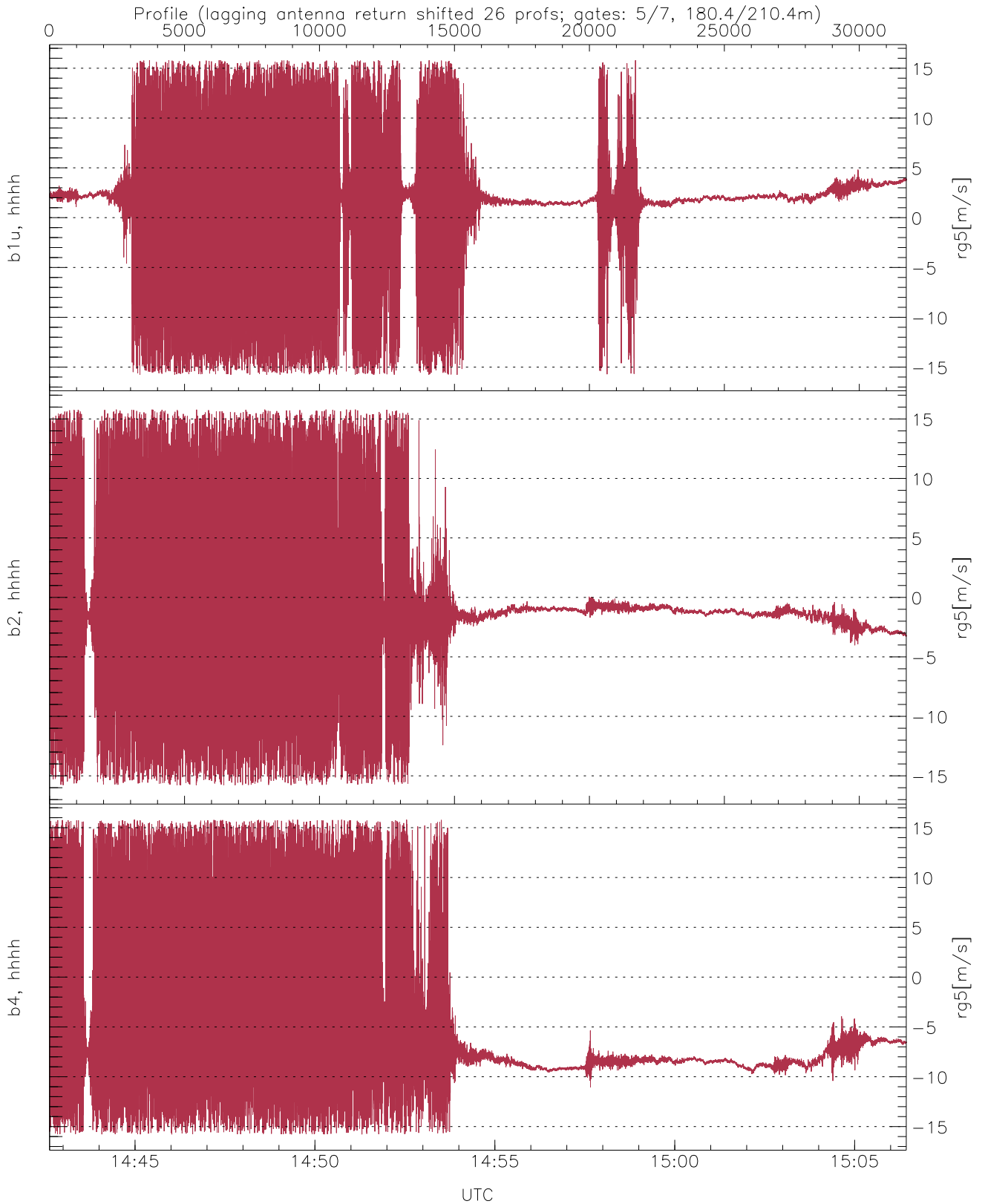
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.31	-26.92	-39.77
down(hh[dBm])	-65.91	-26.54	-40.30
down-fore(hh[dBm])	-66.05	-30.52	-44.19



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

	Min	Max	Mean
up/down (dB)	-19.52	31.00	-0.14
down/down-fore (dB)	-6.71	19.85	2.45



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	1.31	5.28
b2, hhhh(rg5[m/s])	-15.79	15.79	-0.91	5.48
b4, hhhh(rg5[m/s])	-15.78	15.79	-4.87	6.87