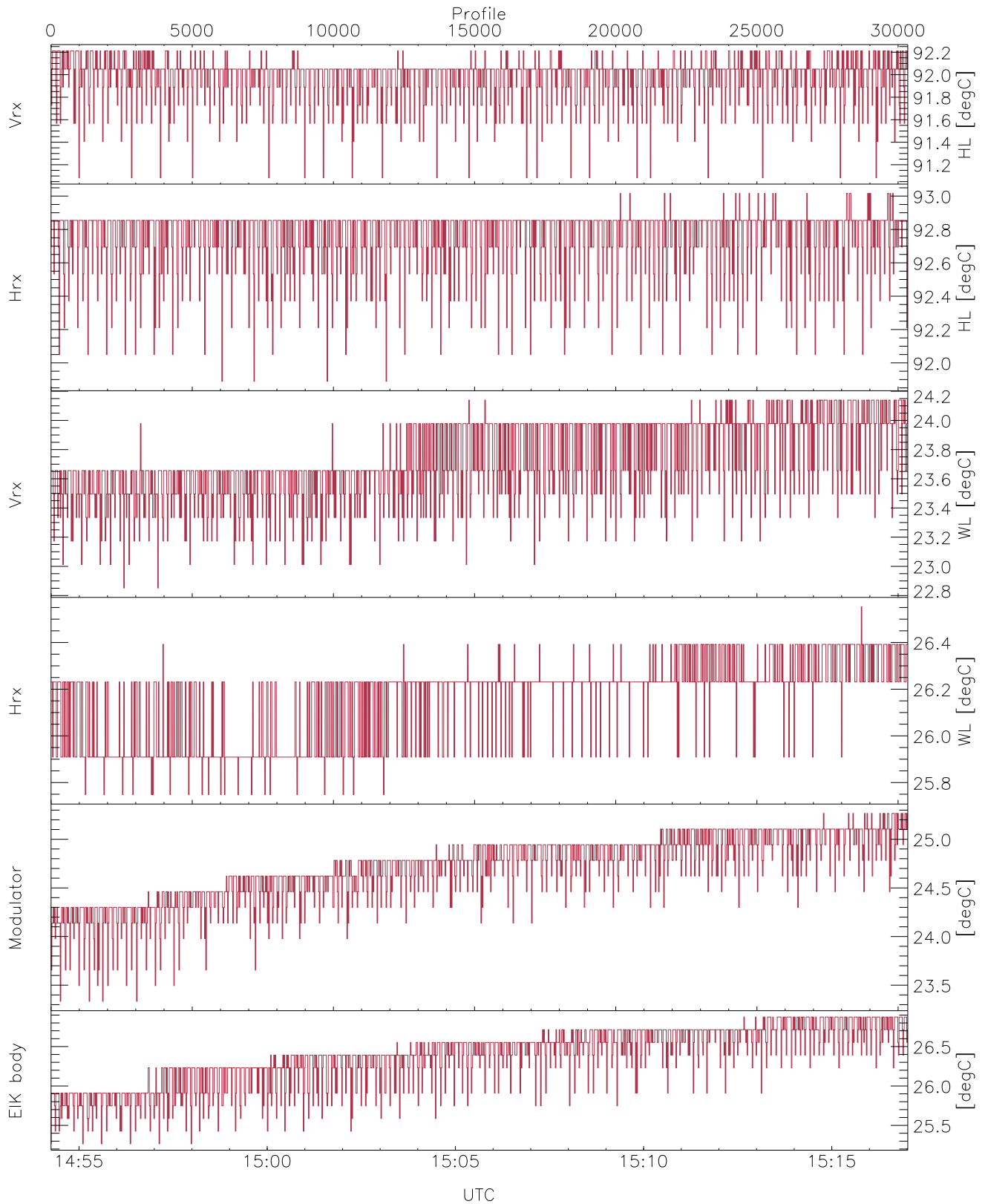


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

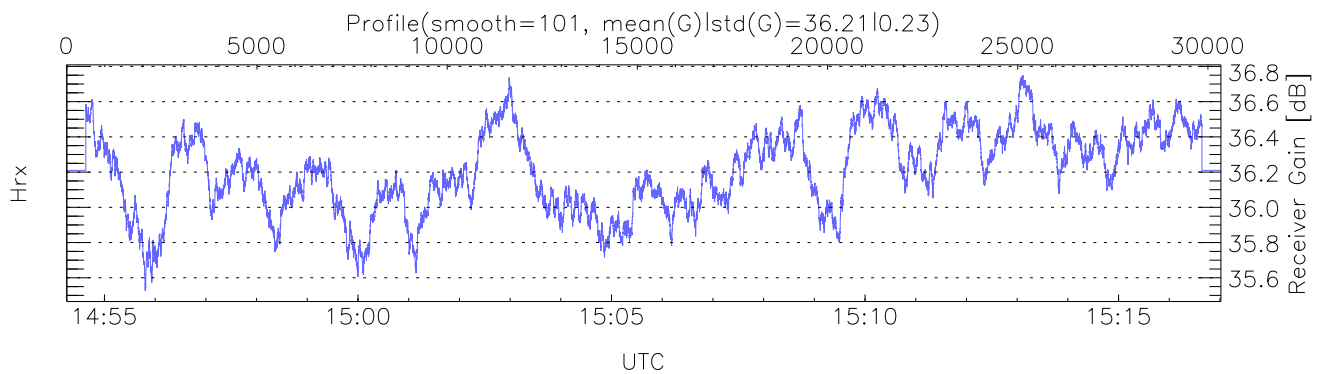
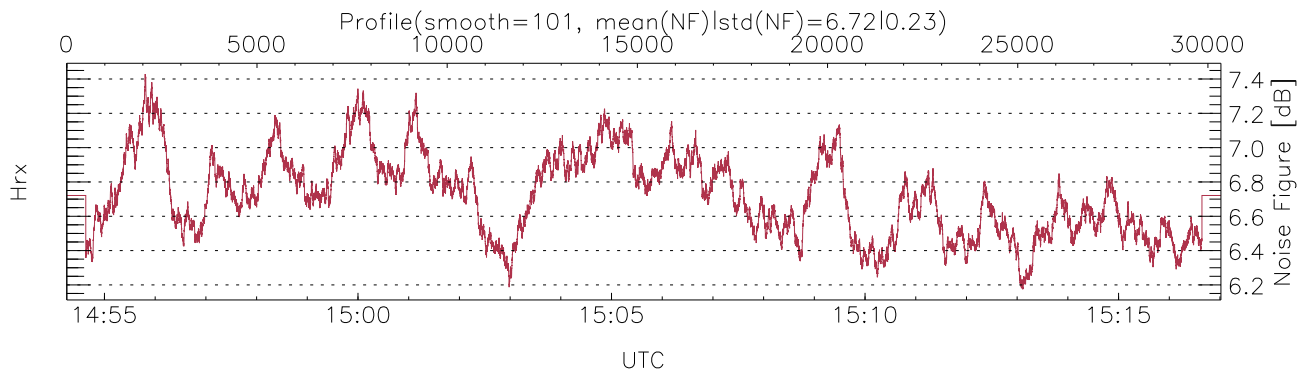
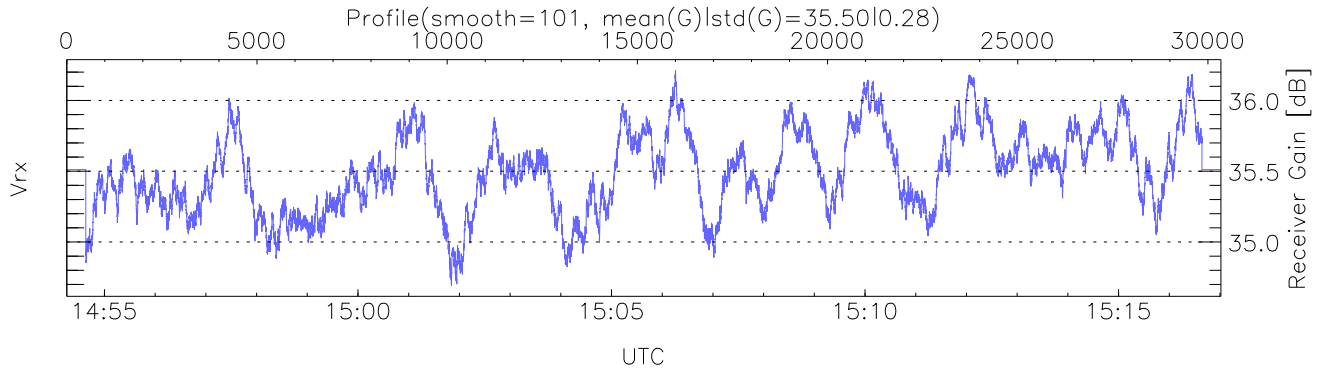
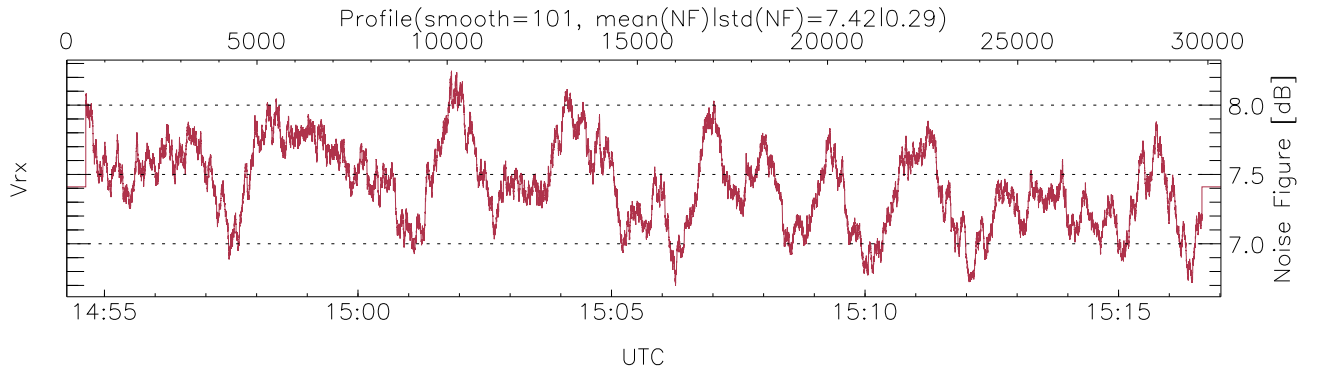
UTC: 14:54:15-15:17:01, TimeCor: 0.00s, Dur: 1365.78s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 30344/30344, 0-30343/14:54:15-15:17:01
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, 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(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



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

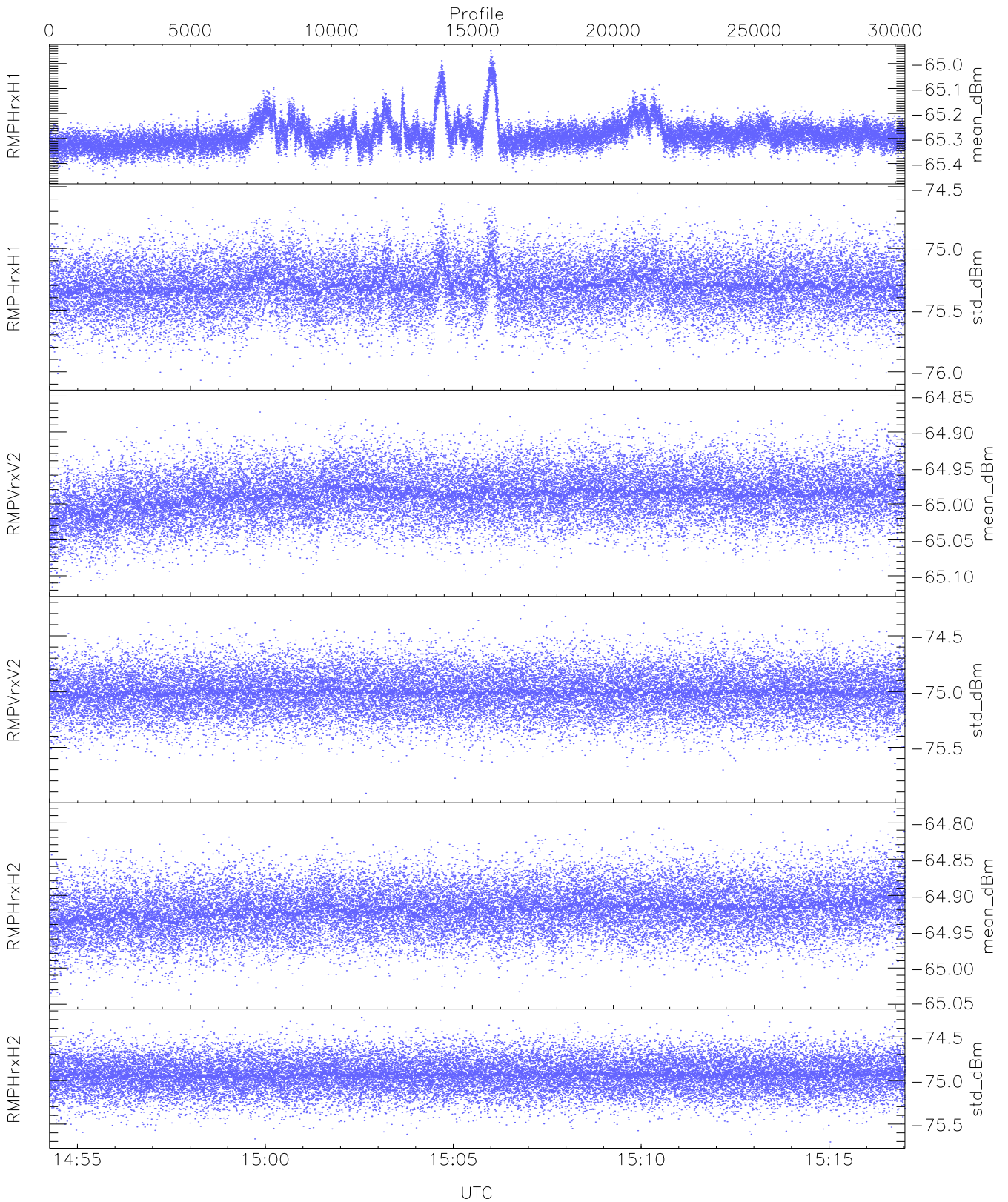
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,91,22,25,23,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,25,26
LOalarm(20,240,2817,14861 MHz): 0,0,90,0
EIK Faults(# prof affected):
  DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)
    
```



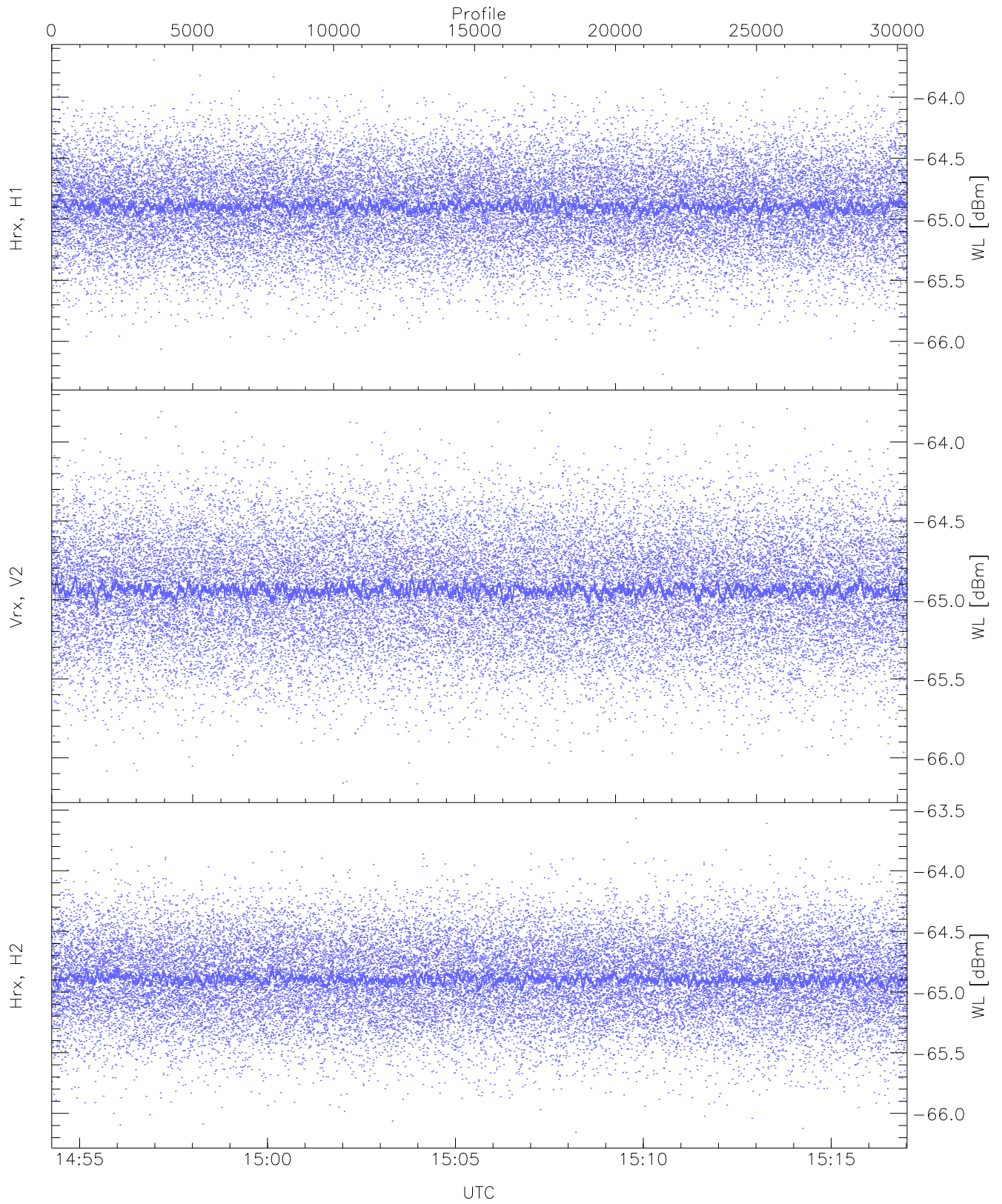
WCR3 CPP Receivers Gain and Noise Figure

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



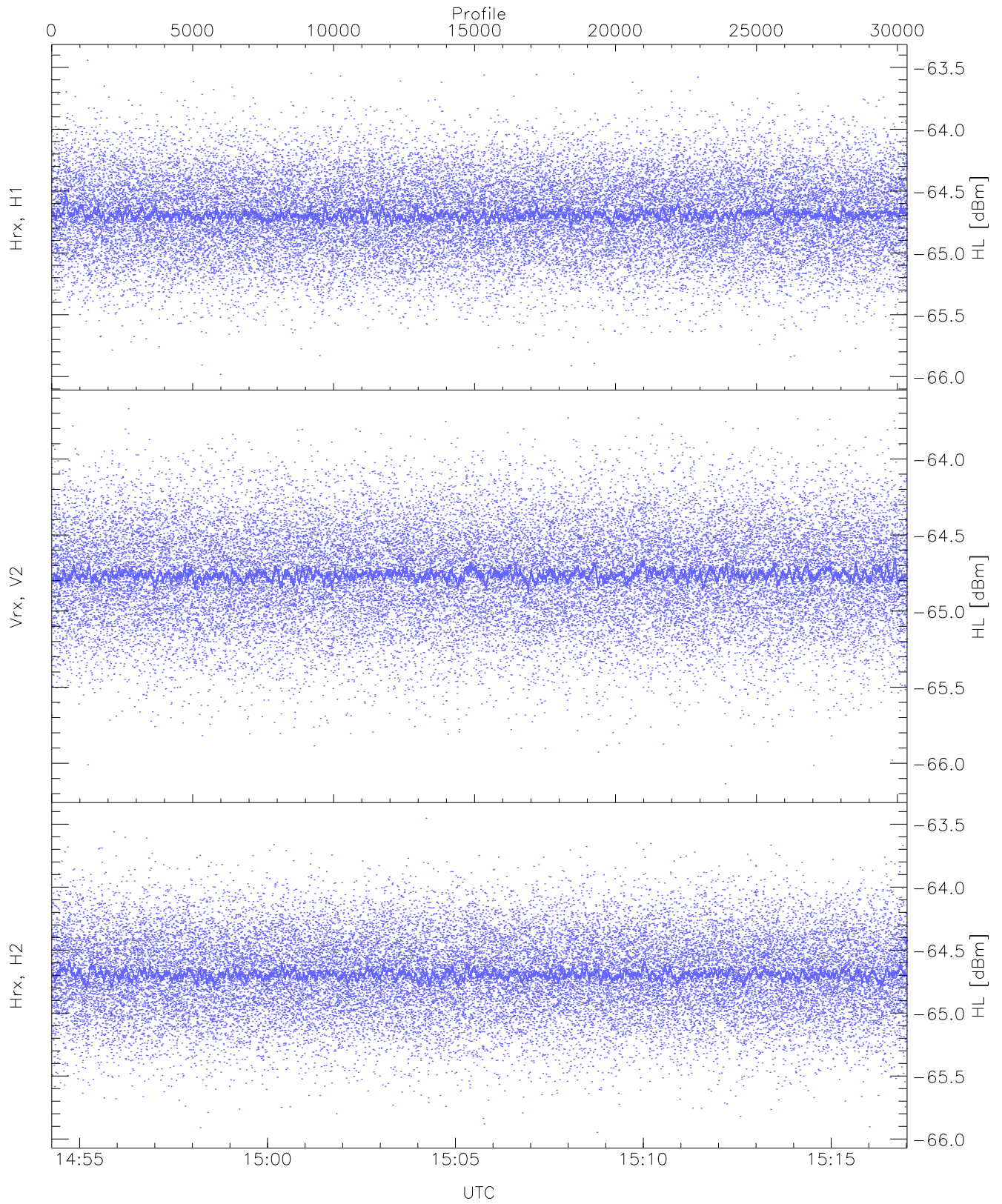
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.46	-64.95	-65.28	-65.29	-84.20
RMPHrxH1 (std_dBm)	-76.07	-74.55	-75.30	-75.30	-88.93
RMPVrxV2 (mean_dBm)	-65.12	-64.85	-64.99	-64.99	-86.35
RMPVrxV2 (std_dBm)	-75.91	-74.23	-75.00	-75.01	-88.77
RMPHrxH2 (mean_dBm)	-65.04	-64.79	-64.92	-64.92	-86.39
RMPHrxH2 (std_dBm)	-75.71	-74.25	-74.93	-74.94	-88.74



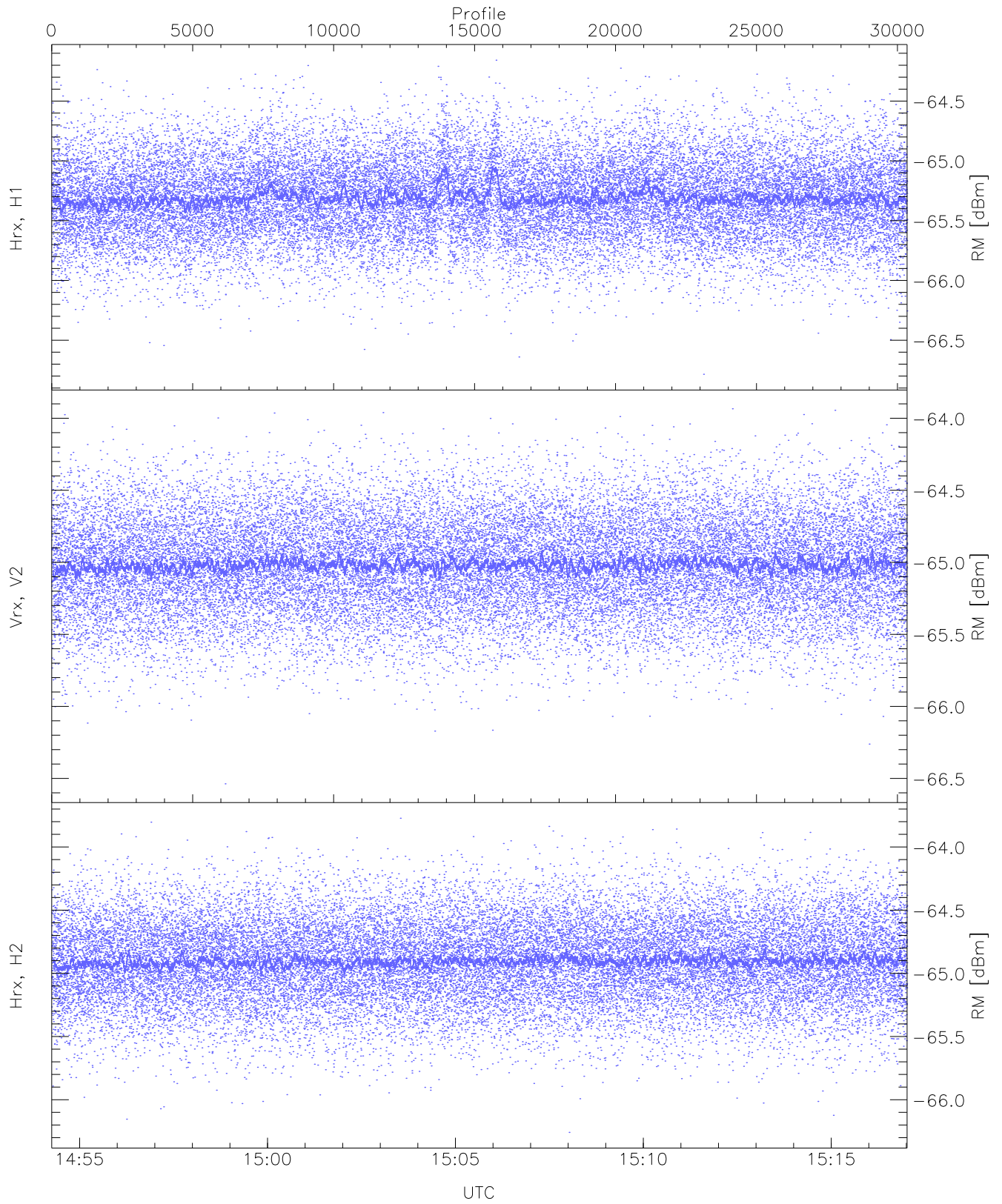
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.27	-63.70	-64.89	-64.89	-76.37
Vrx, V2 (WL [dBm])	-66.16	-63.79	-64.93	-64.94	-76.44
Hrx, H2 (WL [dBm])	-66.16	-63.57	-64.89	-64.89	-76.38



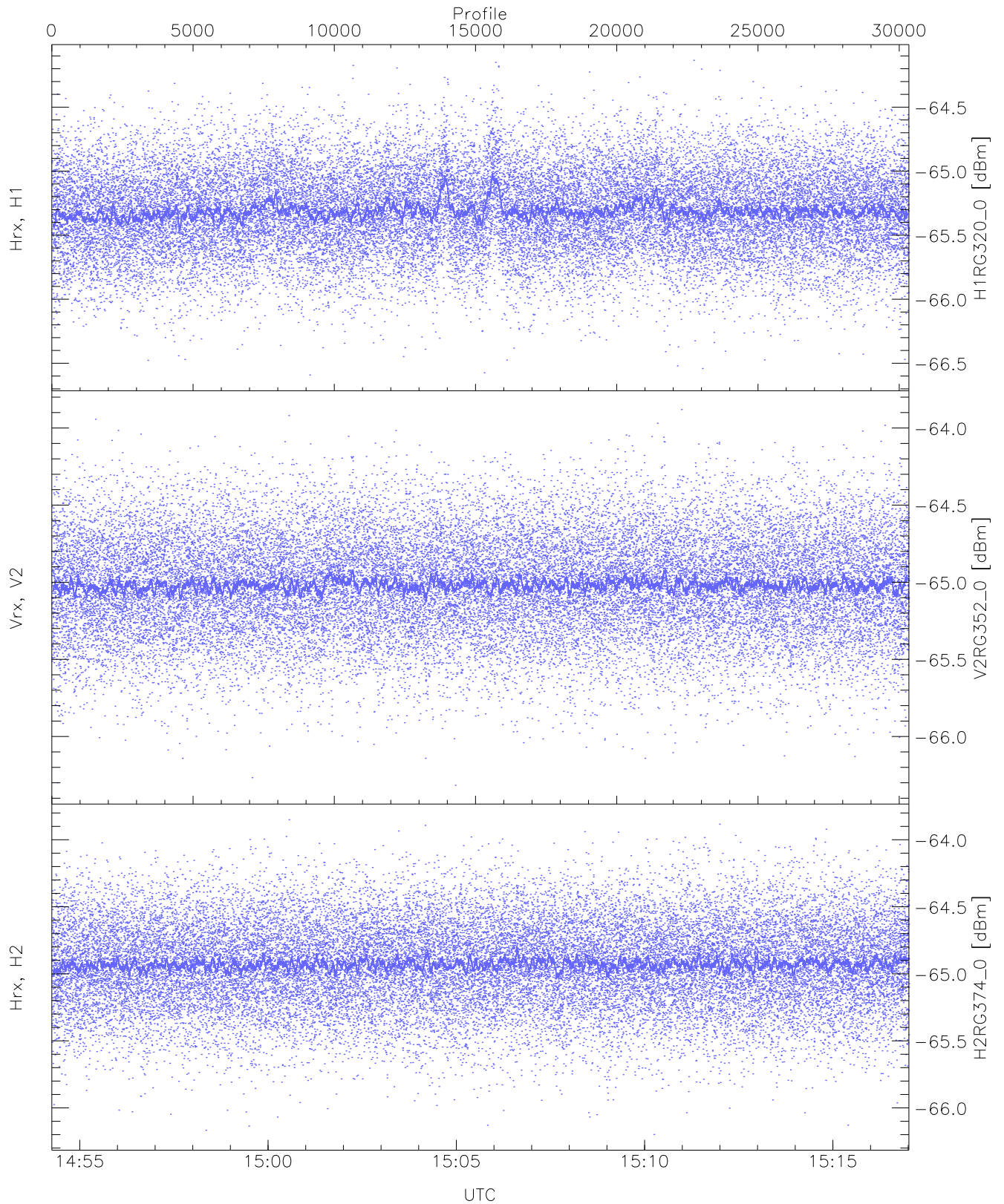
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.98	-63.44	-64.68	-64.69	-76.18
Vrx, V2 (HL [dBm])	-66.14	-63.67	-64.75	-64.76	-76.27
Hrx, H2 (HL [dBm])	-65.95	-63.45	-64.69	-64.70	-76.16



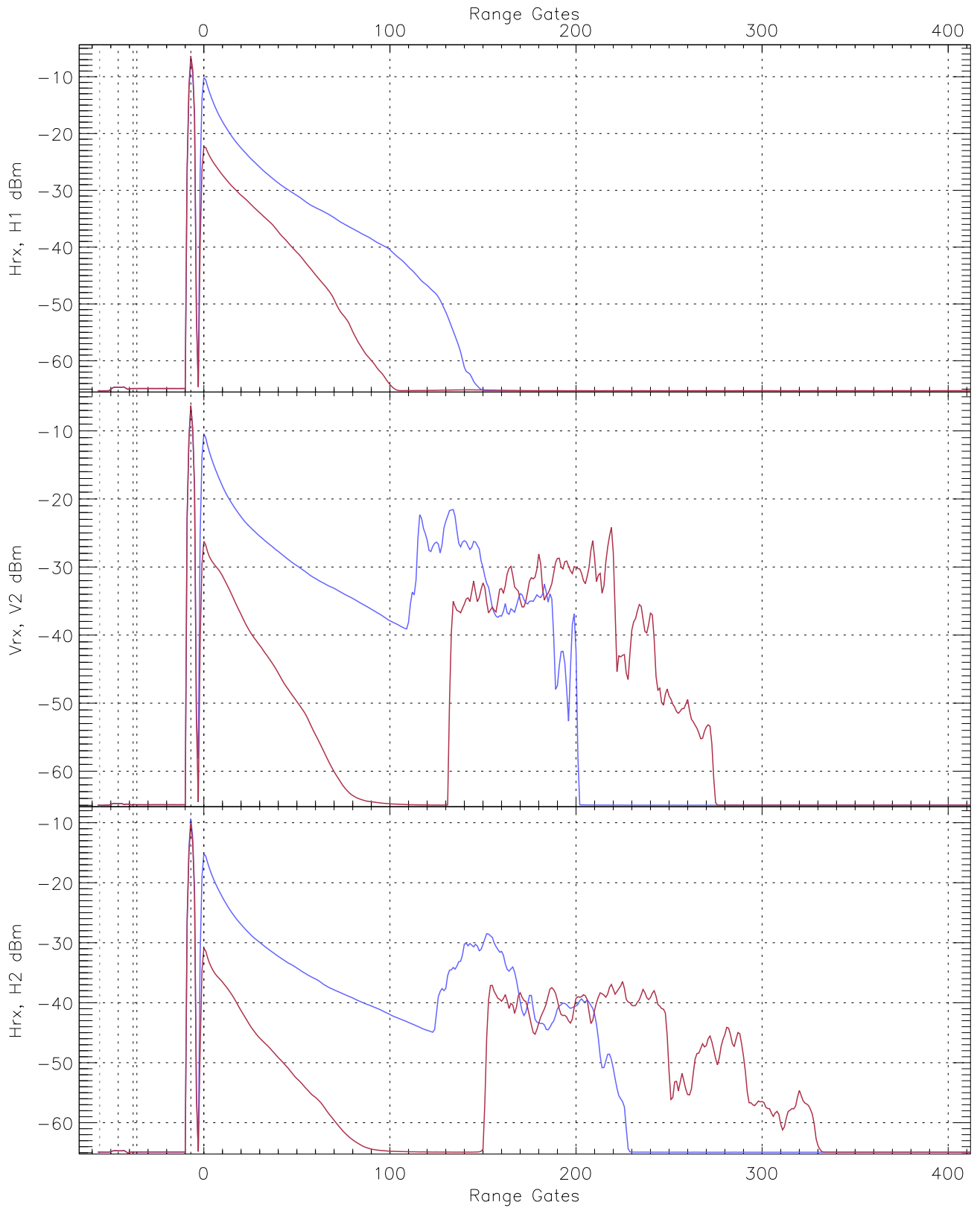
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.79	-64.16	-65.31	-65.31	-76.76
Vrx, V2 (RM [dBm])	-66.54	-63.93	-65.01	-65.02	-76.51
Hrx, H2 (RM [dBm])	-66.26	-63.77	-64.90	-64.91	-76.45

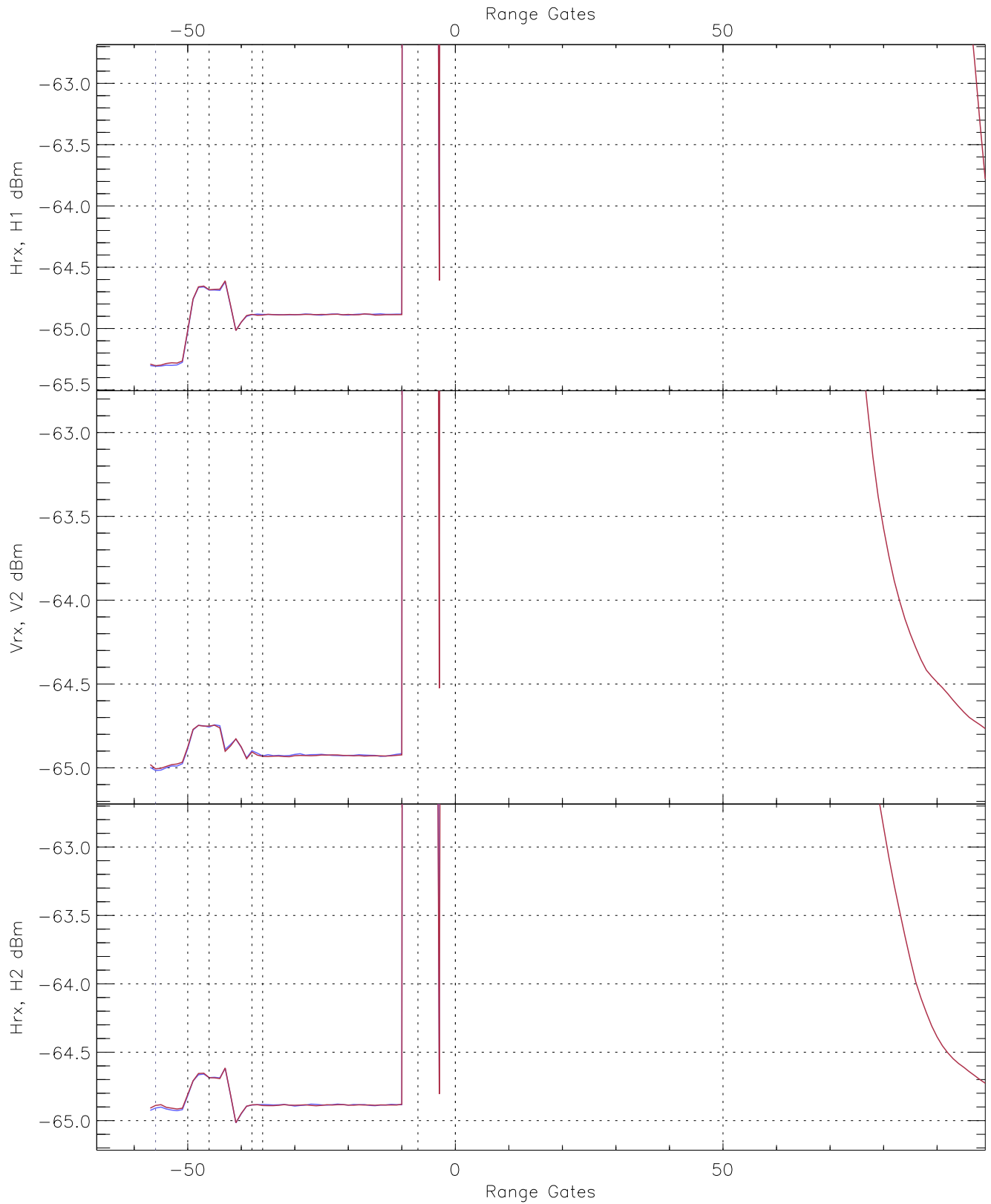


WCR3 CPP "Best" estimate Receivers Noise Power

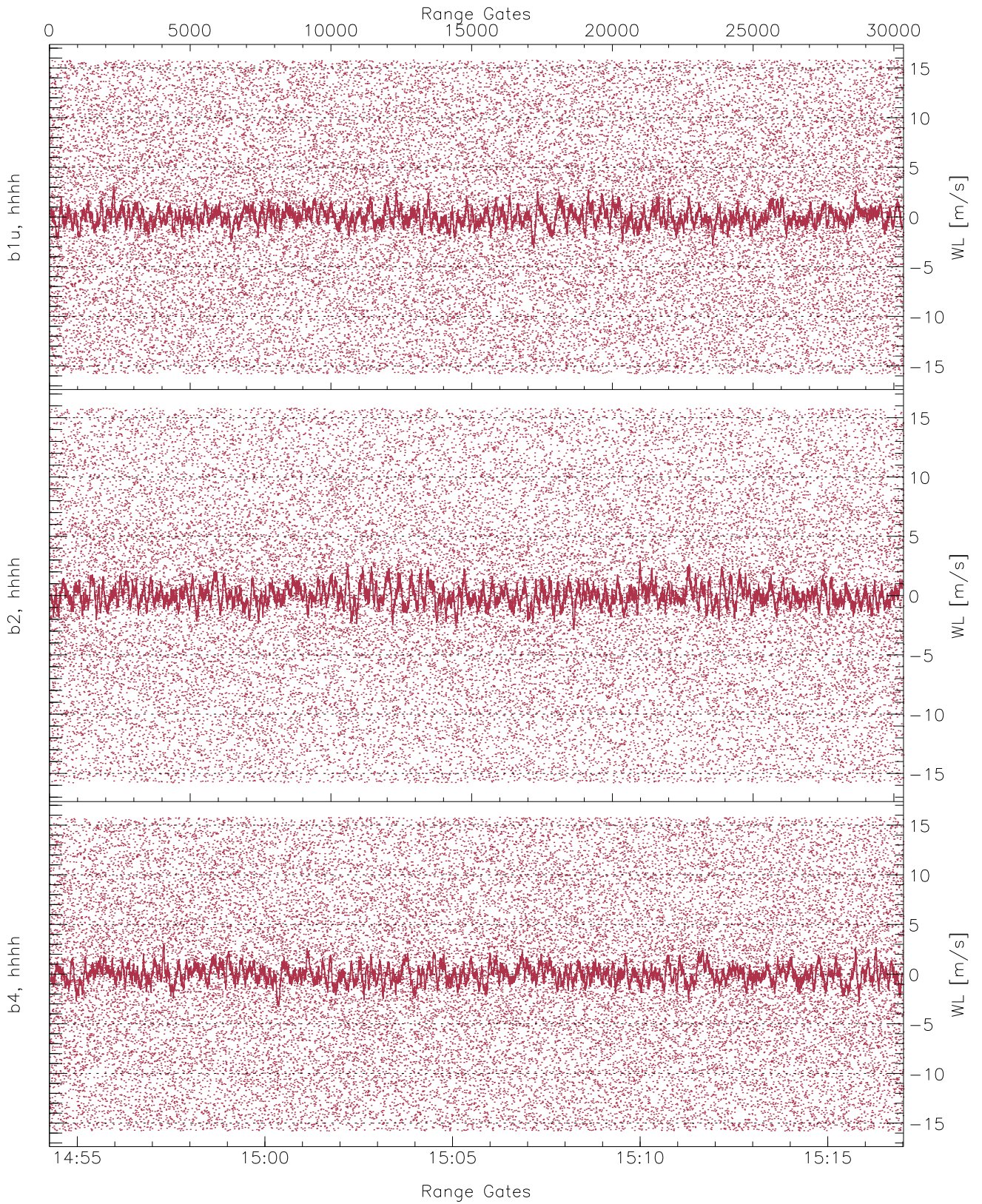
	Min	Max	Mean	Median	StDev
H1RG320_0 [dBm]	-66.59	-64.13	-65.31	-65.31	-76.76
V2RG352_0 [dBm]	-66.32	-63.88	-65.01	-65.02	-76.51
H2RG374_0 [dBm]	-66.20	-63.85	-64.92	-64.93	-76.44



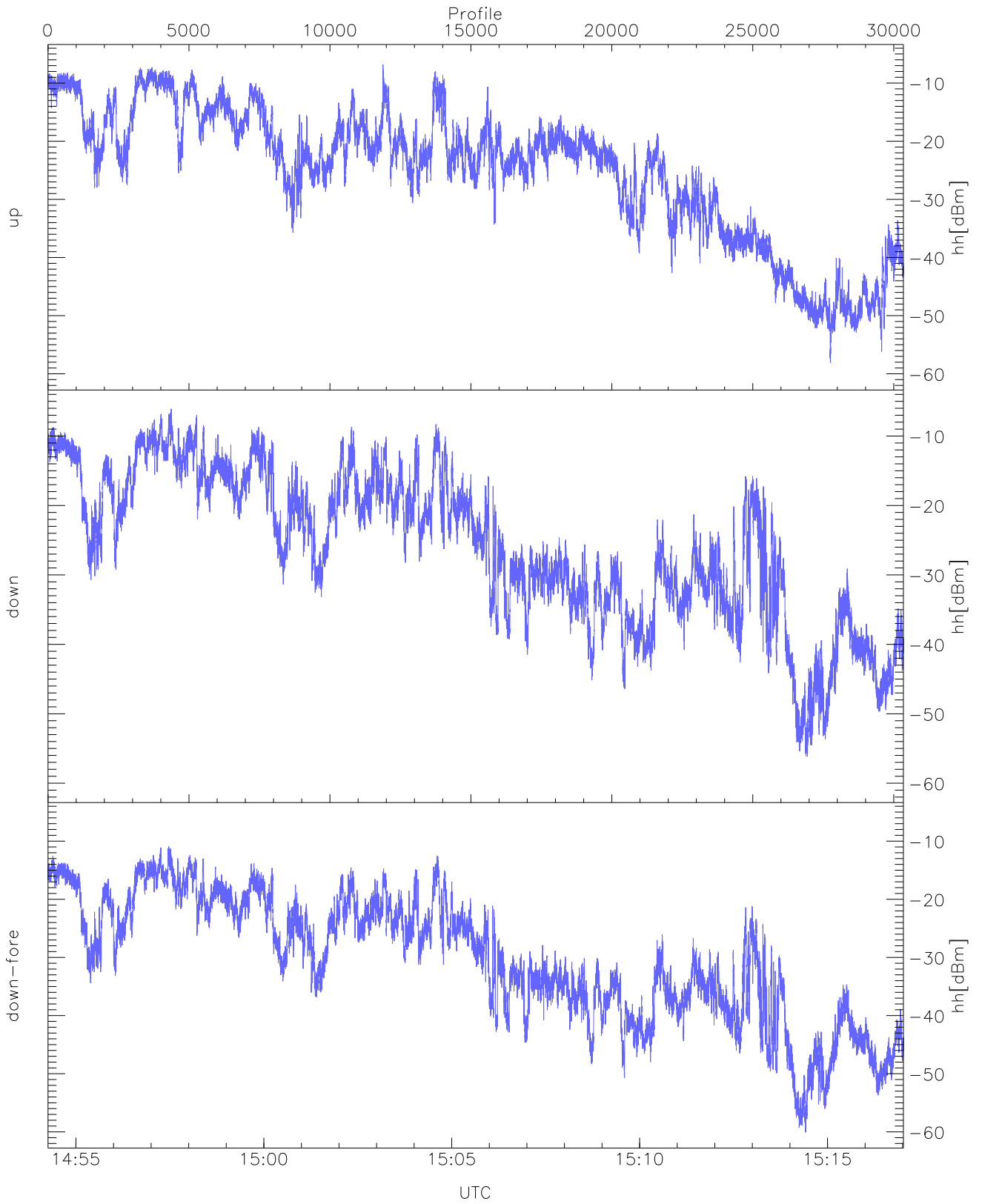
WCR3 CPP Averaged Received power for all recorded gates
blue: 145415-150538, 15173 profiles averaged
red: 150538-151701, 15172 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 145415-150538, 15173 profiles averaged
red: 150538-151701, 15172 profiles averaged

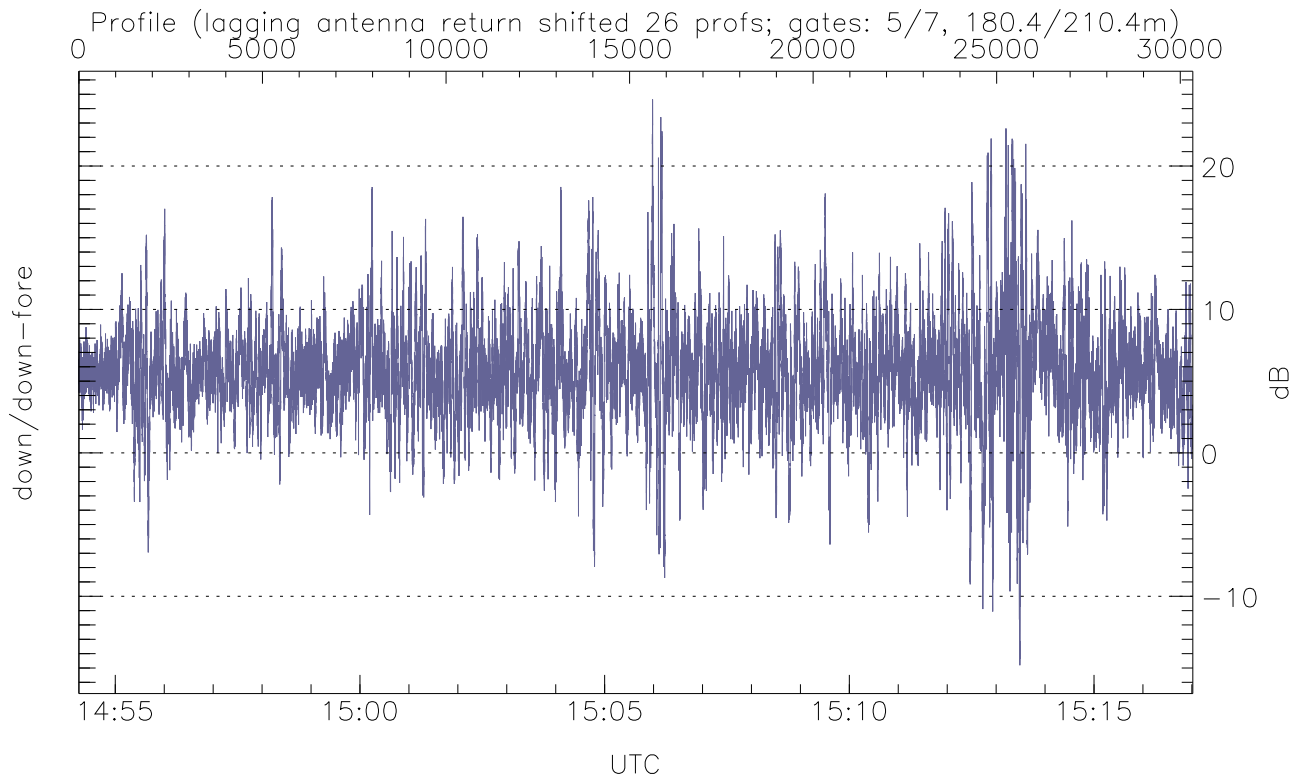
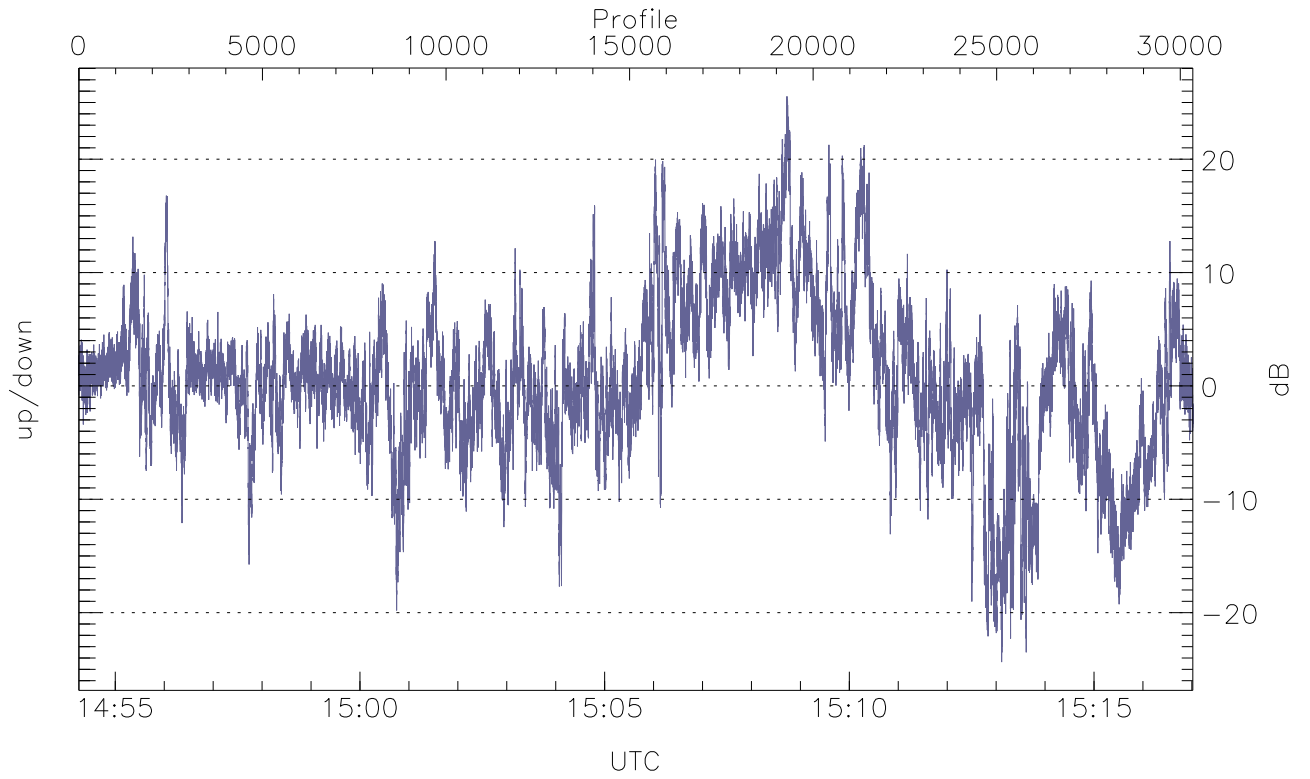


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



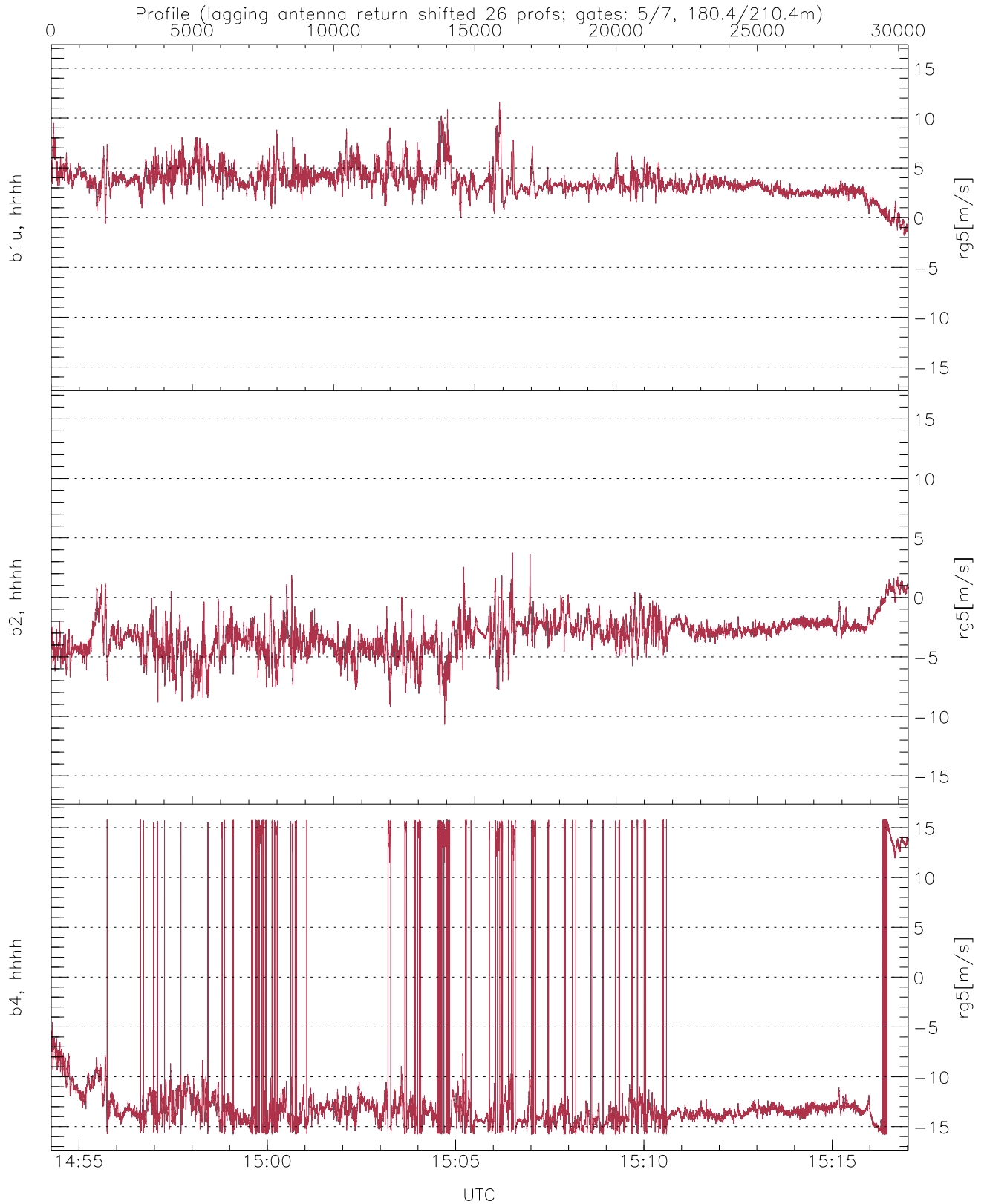
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-58.14	-6.82	-17.12
down(hh[dBm])	-56.18	-6.07	-17.63
down-fore(hh[dBm])	-60.09	-10.92	-22.12



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

	Min	Max	Mean
up/down (dB)	-24.36	25.55	0.72
down/down-fore (dB)	-14.81	24.64	5.74



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.80	11.62	3.64	1.46
b2, hhhh(rg5[m/s])	-10.70	3.75	-3.18	1.57
b4, hhhh(rg5[m/s])	-15.79	15.79	-11.04	7.75