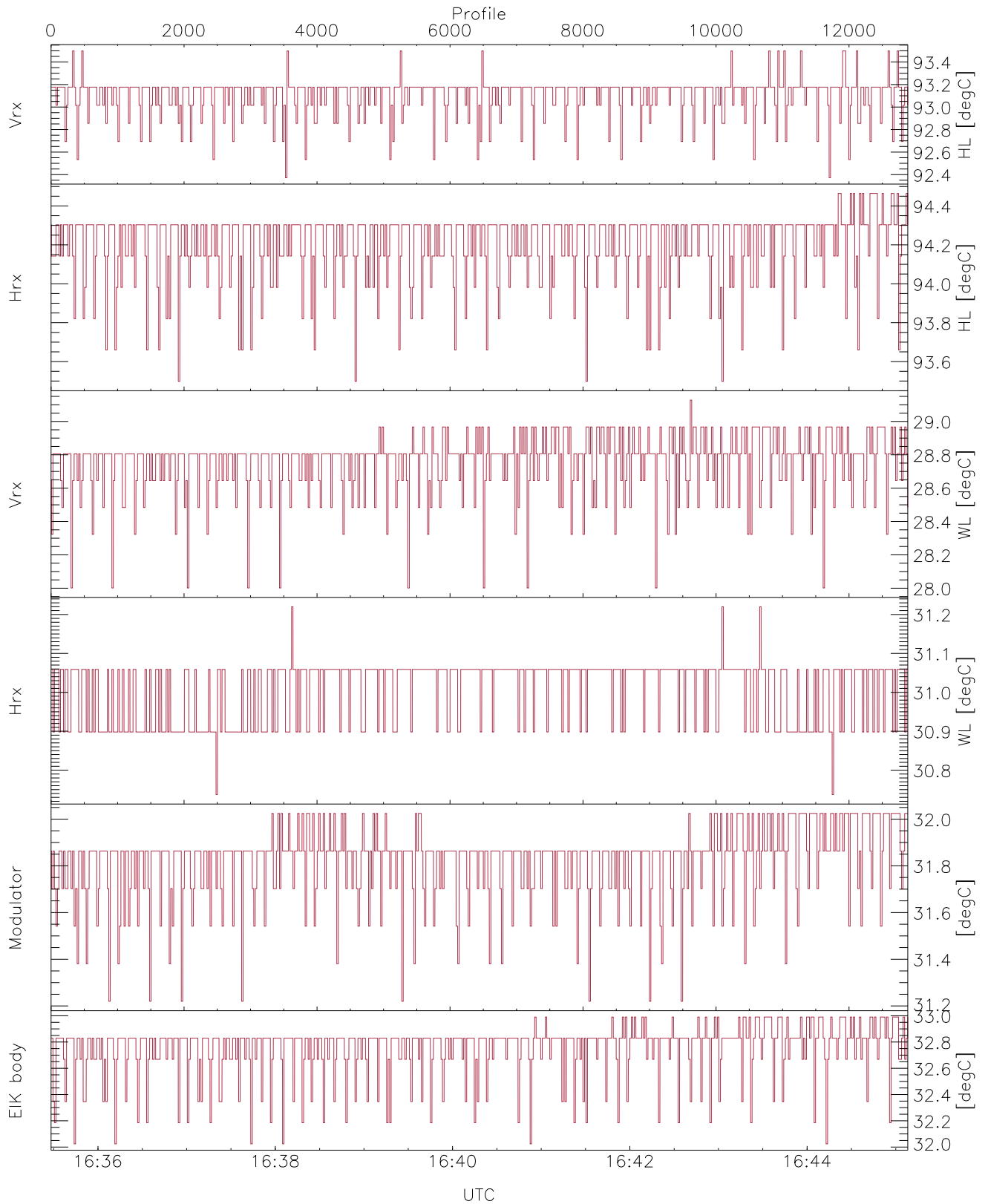


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

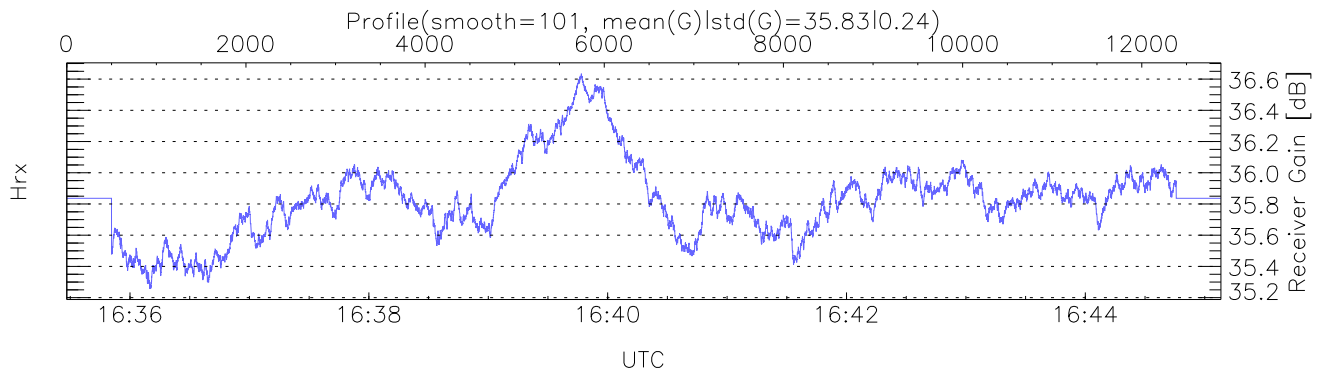
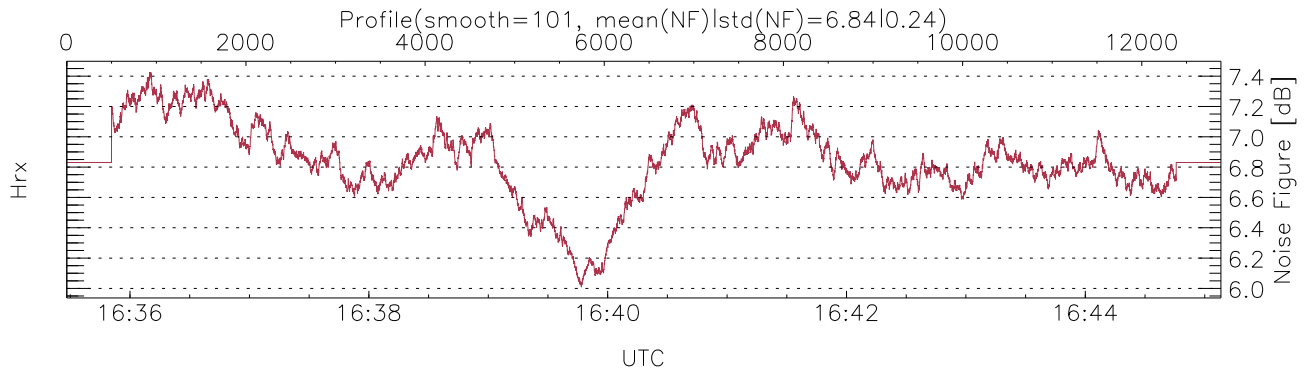
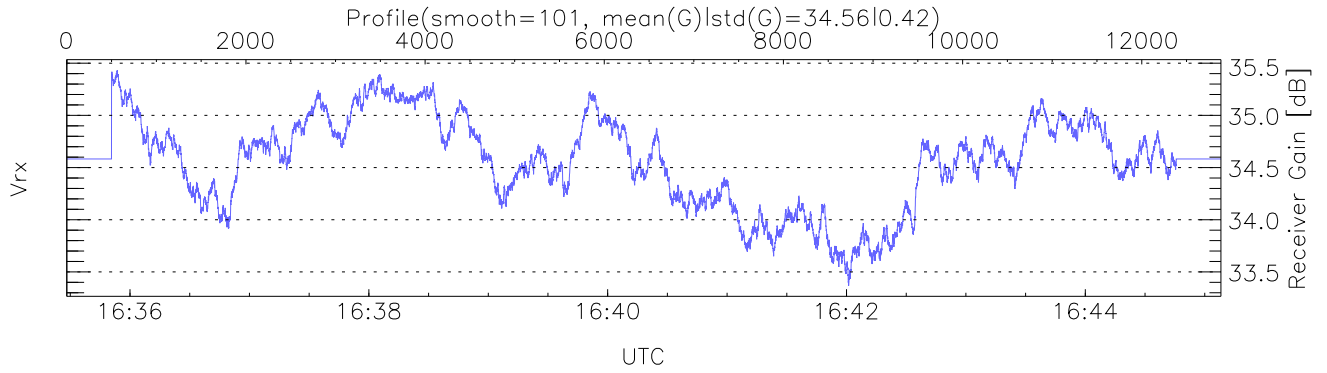
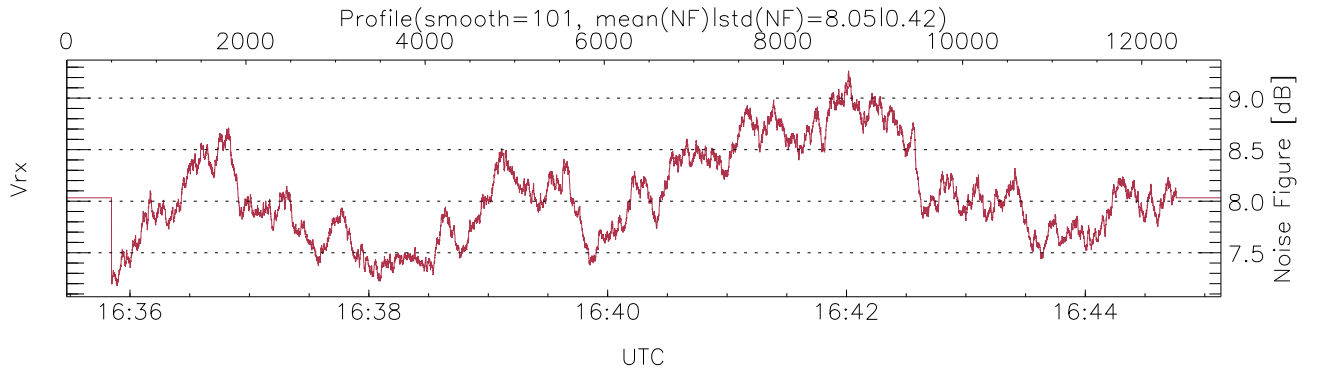
UTC: 16:35:28-16:45:08, TimeCor: 0.00s, Dur: 579.92s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 12885/12885, 0-12884/16:35:28-16:45:08
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, 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

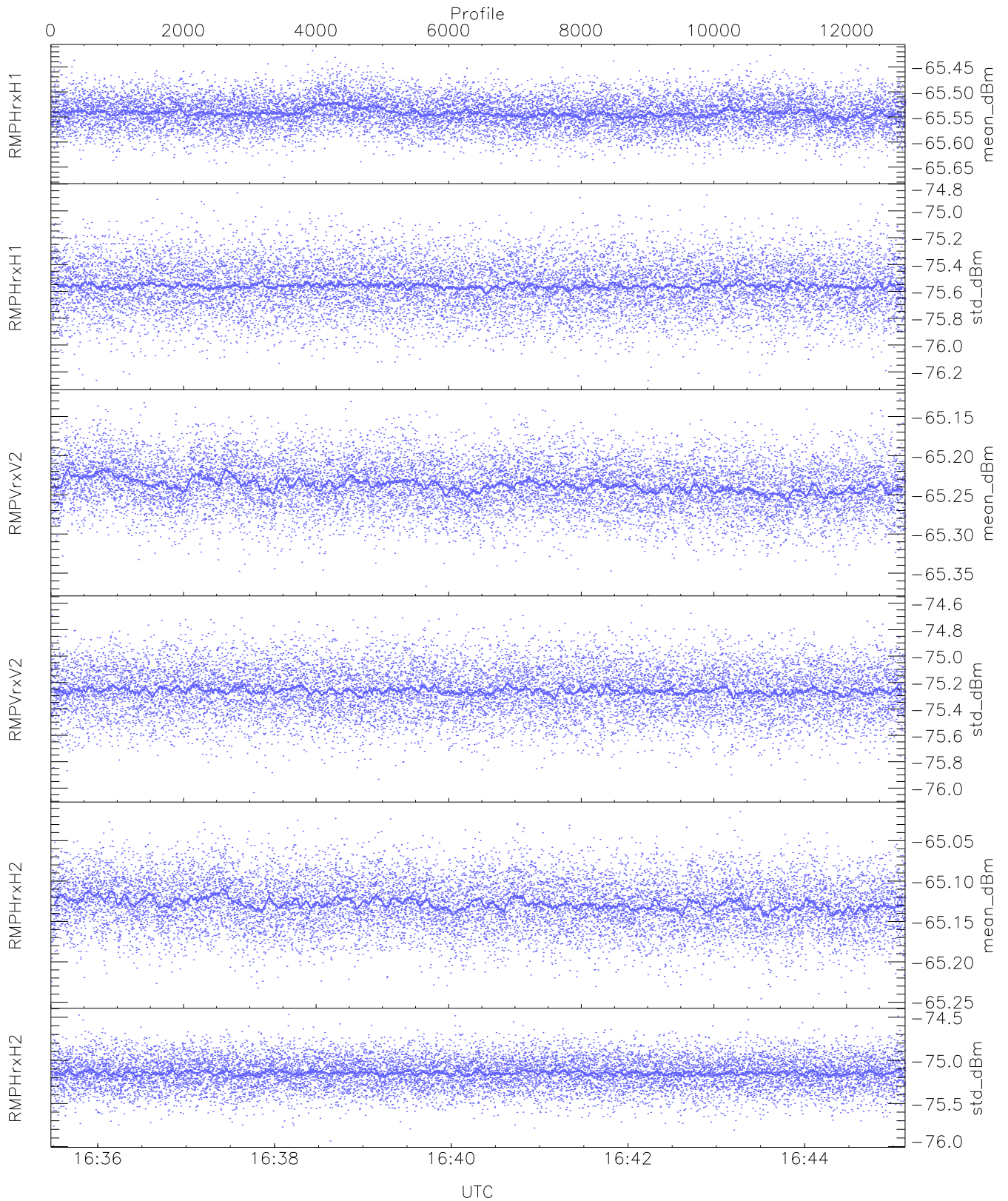
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,28,30,31,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,29,31,32,32
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None
    
```



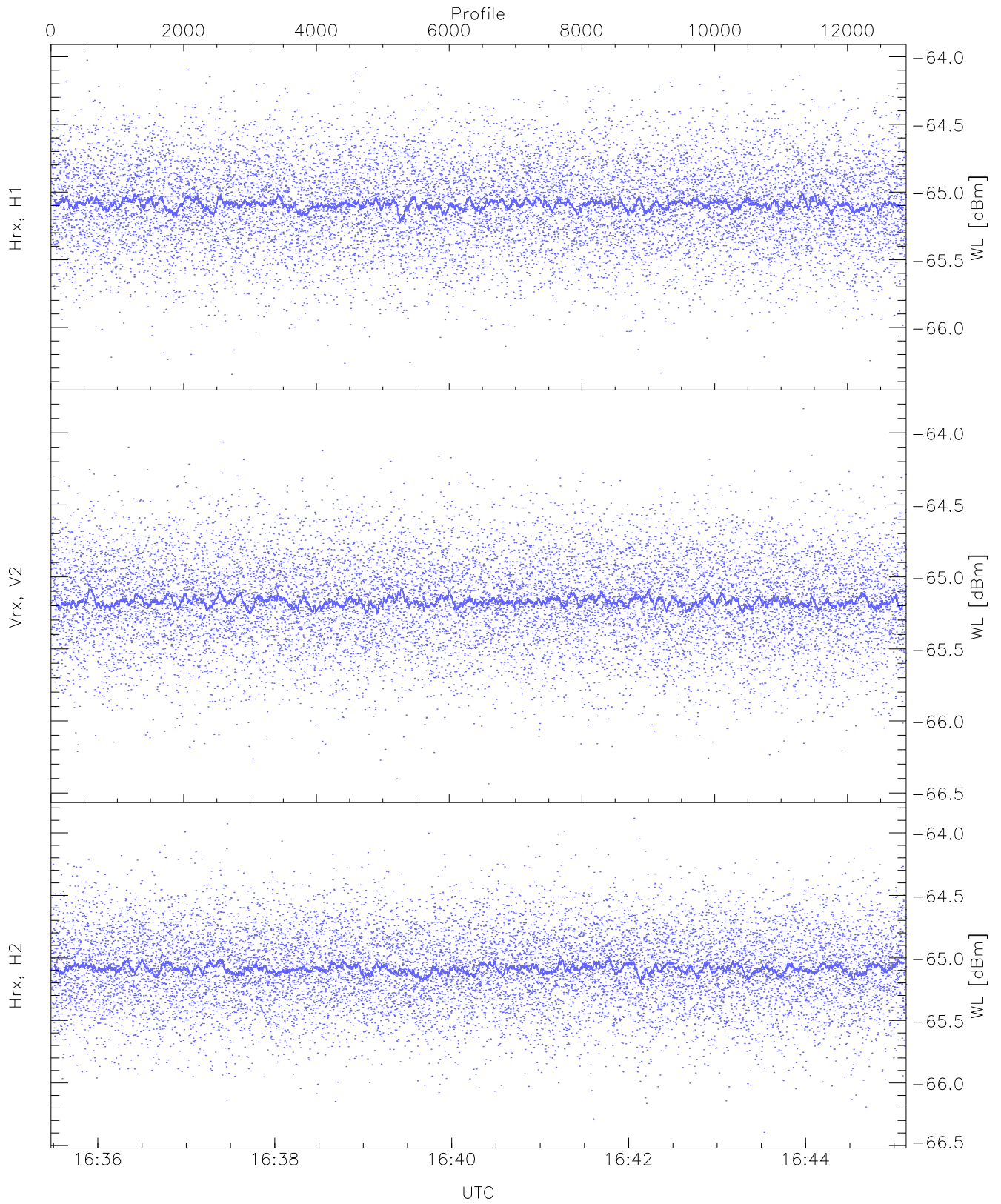
WCR3 CPP Receivers Gain and Noise Figure

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



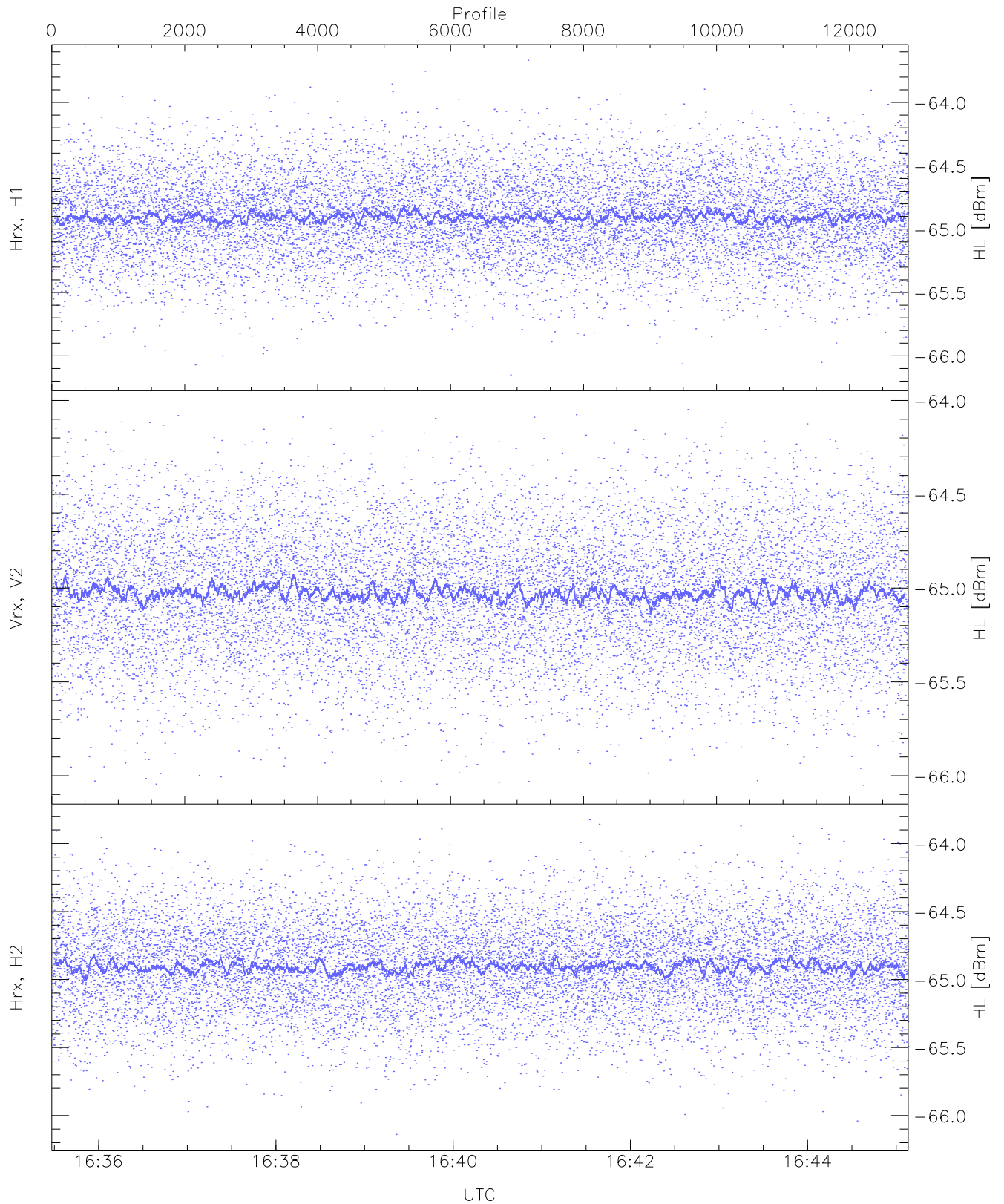
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.67	-65.42	-65.54	-65.54	-87.00
RMPHrxH1(std_dBm)	-76.26	-74.87	-75.56	-75.56	-89.34
RMPVrxV2(mean_dBm)	-65.37	-65.13	-65.24	-65.24	-86.70
RMPVrxV2(std_dBm)	-76.03	-74.61	-75.26	-75.26	-89.06
RMPHrxH2(mean_dBm)	-65.25	-65.01	-65.13	-65.13	-86.64
RMPHrxH2(std_dBm)	-75.93	-74.47	-75.14	-75.15	-88.93



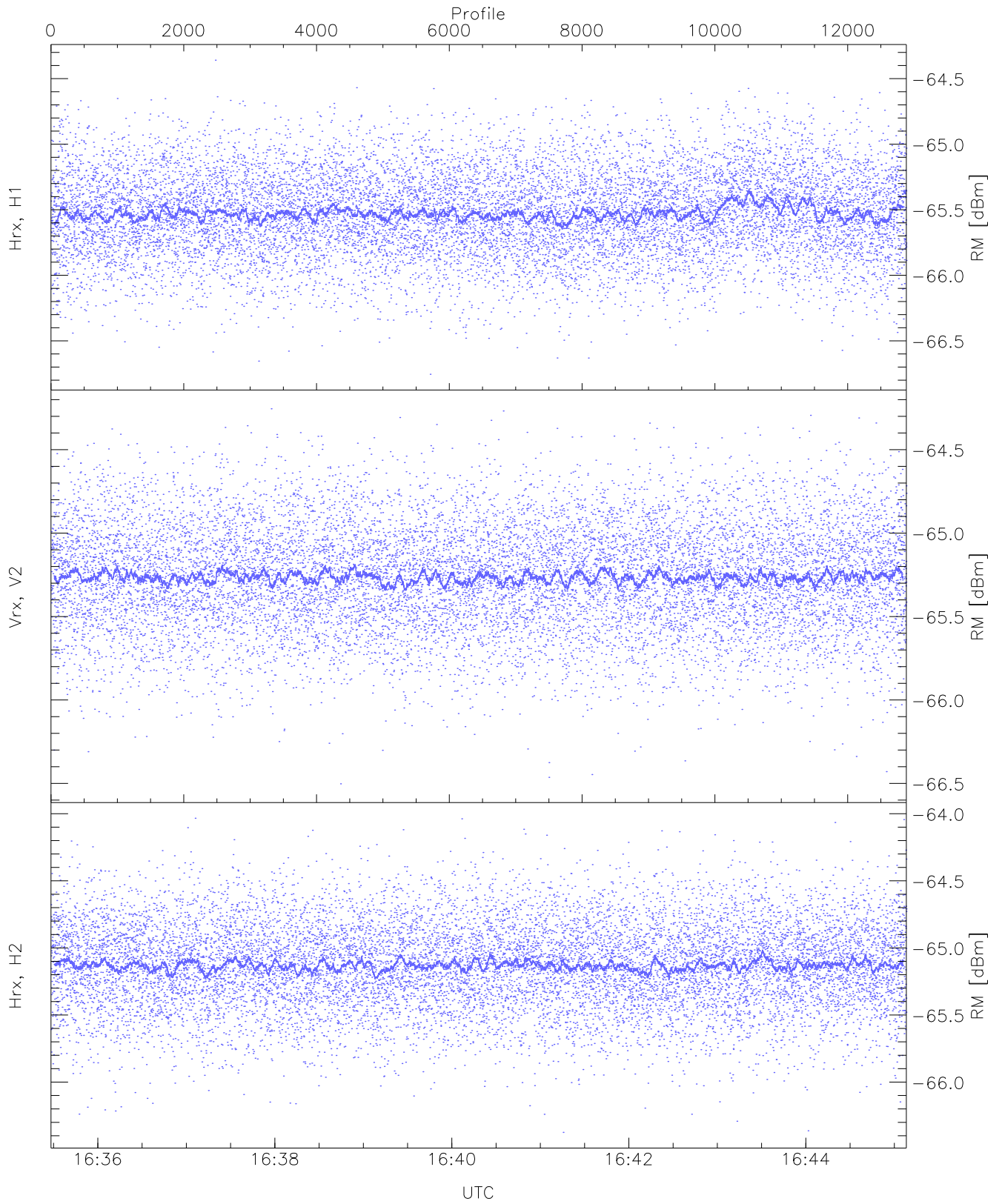
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.35	-64.03	-65.08	-65.09	-76.53
Vrx, V2 (WL [dBm])	-66.44	-63.83	-65.16	-65.17	-76.64
Hrx, H2 (WL [dBm])	-66.39	-63.88	-65.08	-65.09	-76.57



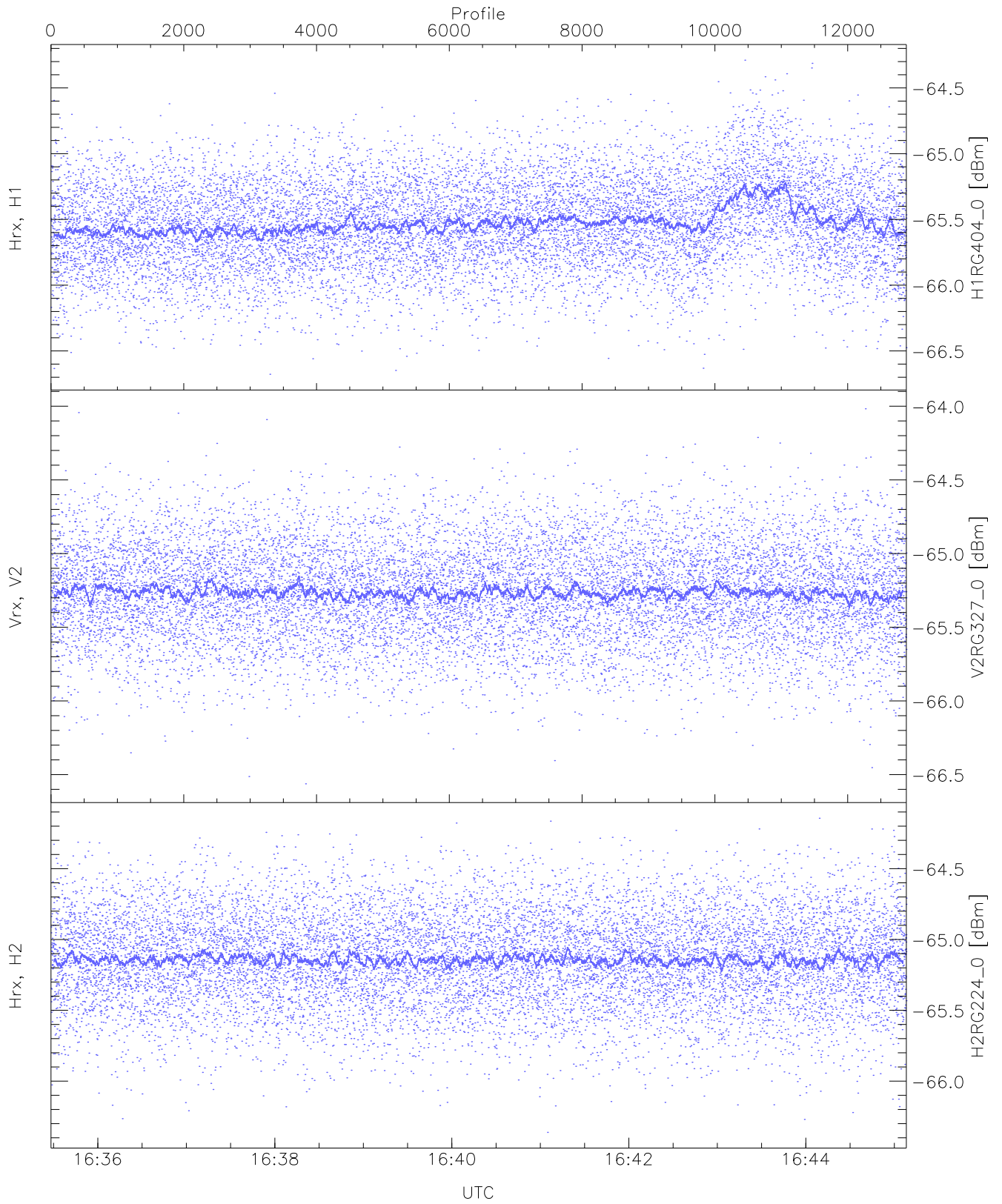
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.15	-63.67	-64.90	-64.90	-76.39
Vrx, V2 (HL [dBm])	-66.05	-64.05	-65.02	-65.03	-76.56
Hrx, H2 (HL [dBm])	-66.14	-63.83	-64.90	-64.91	-76.40



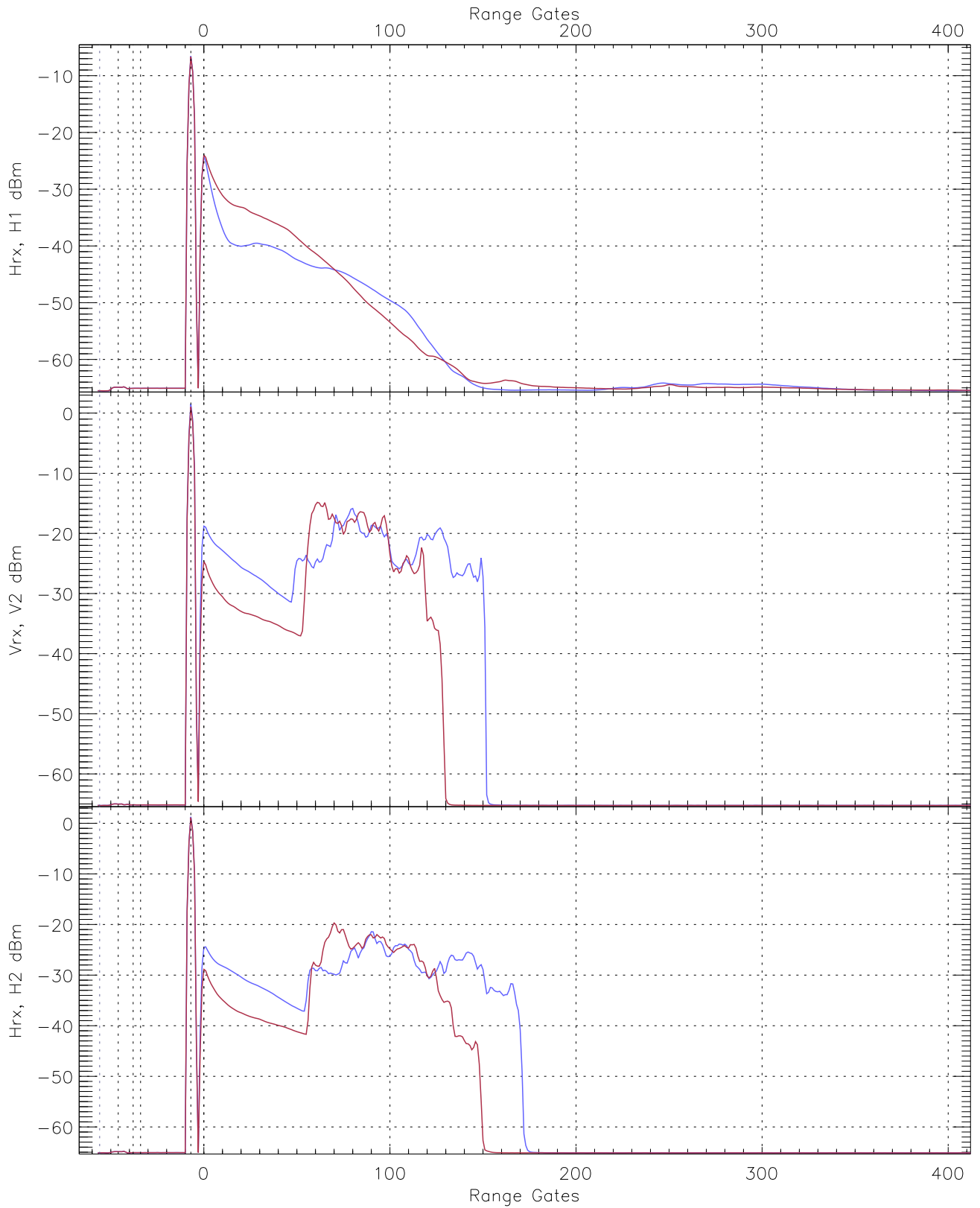
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.76	-64.36	-65.52	-65.53	-76.99
Vrx, V2 (RM [dBm])	-66.50	-64.25	-65.26	-65.26	-76.84
Hrx, H2 (RM [dBm])	-66.37	-64.03	-65.12	-65.13	-76.61

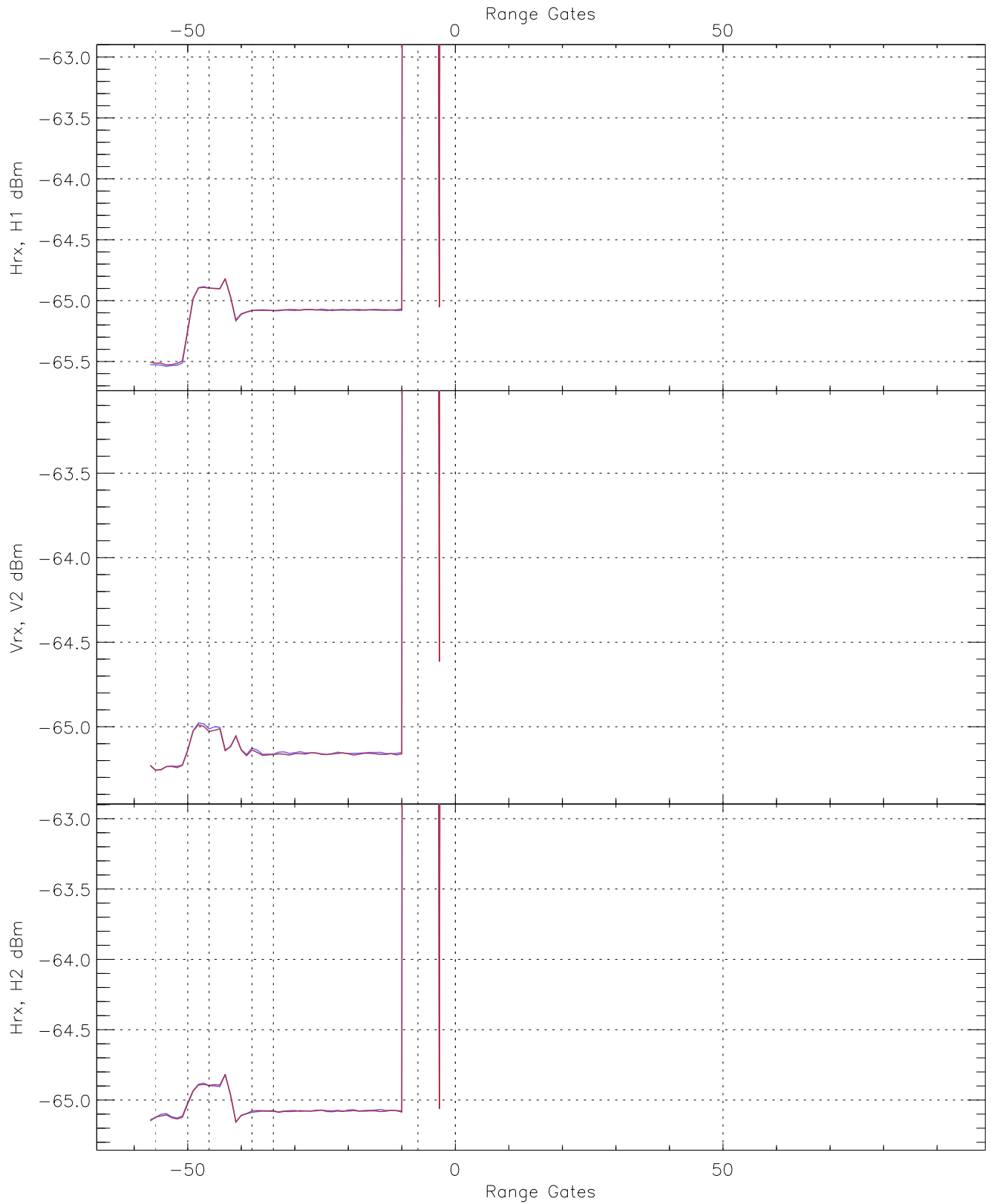


WCR3 CPP "Best" estimate Receivers Noise Power

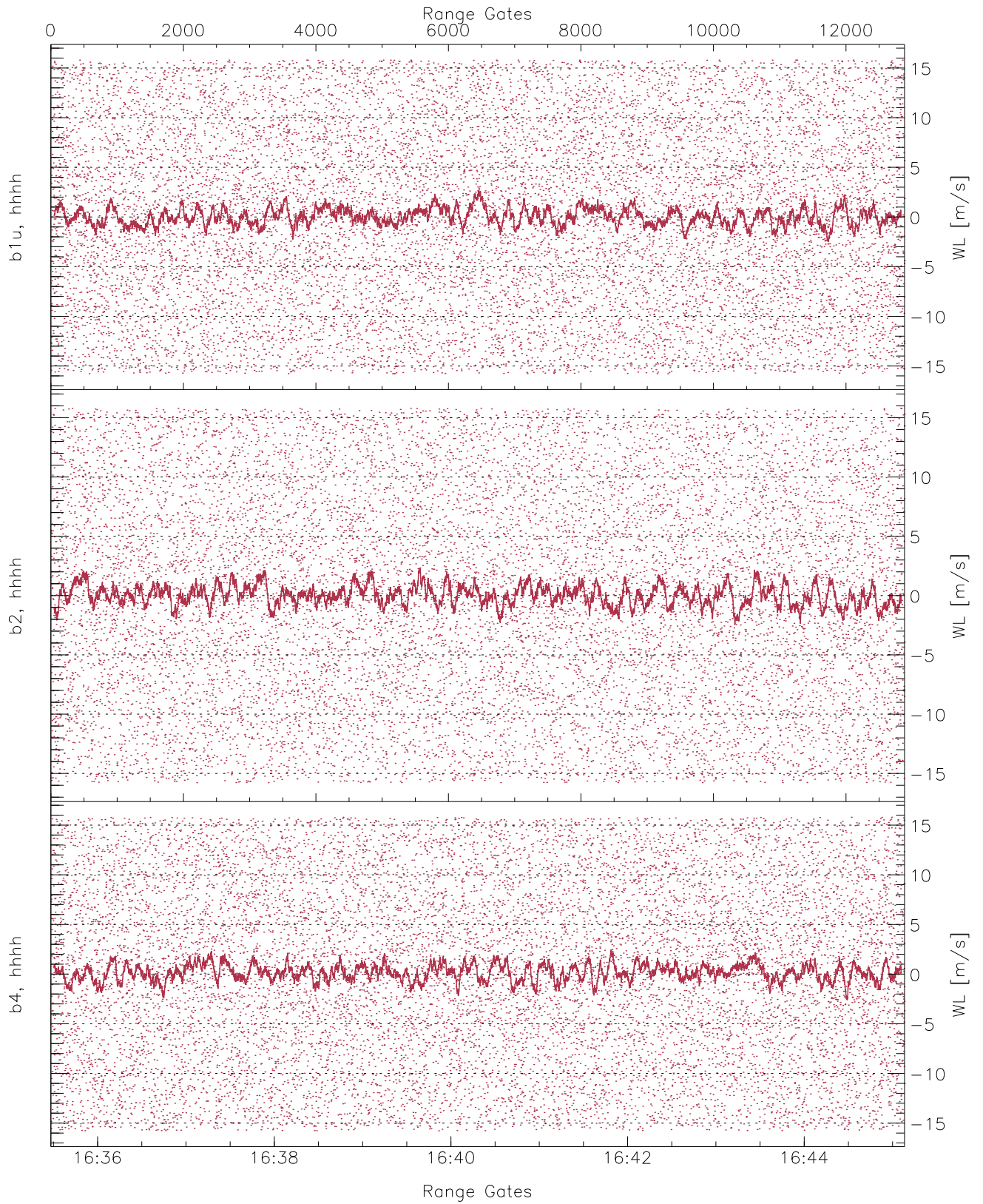
	Min	Max	Mean	Median	StDev
H1RG404_0 [dBm]	-66.68	-64.29	-65.52	-65.53	-76.87
V2RG327_0 [dBm]	-66.56	-64.02	-65.26	-65.26	-76.72
H2RG224_0 [dBm]	-66.36	-64.14	-65.13	-65.14	-76.66



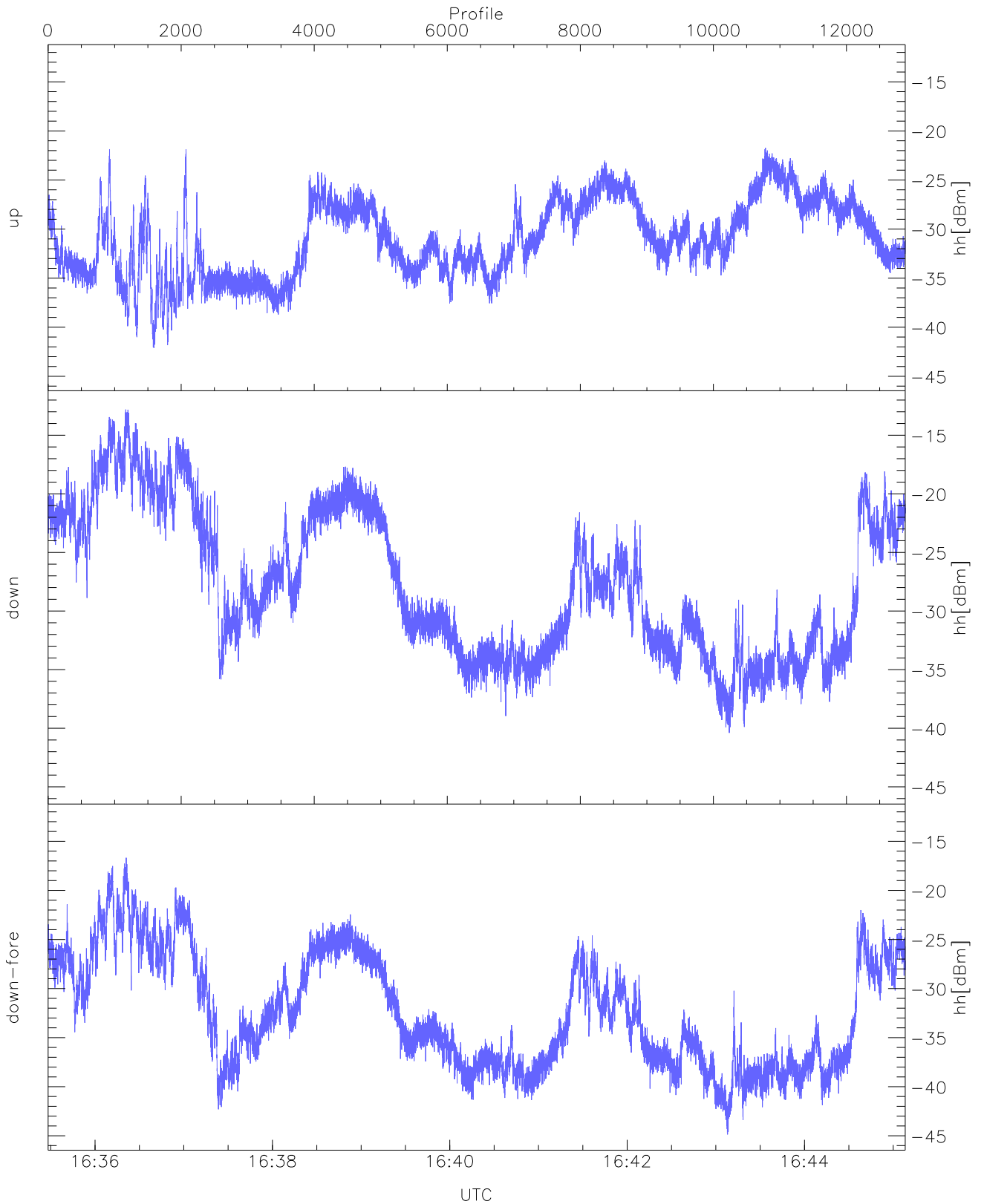
WCR3 CPP Averaged Received power for all recorded gates
blue: 163528-164018, 6443 profiles averaged
red: 164018-164508, 6443 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 163528-164018, 6443 profiles averaged
red: 164018-164508, 6443 profiles averaged

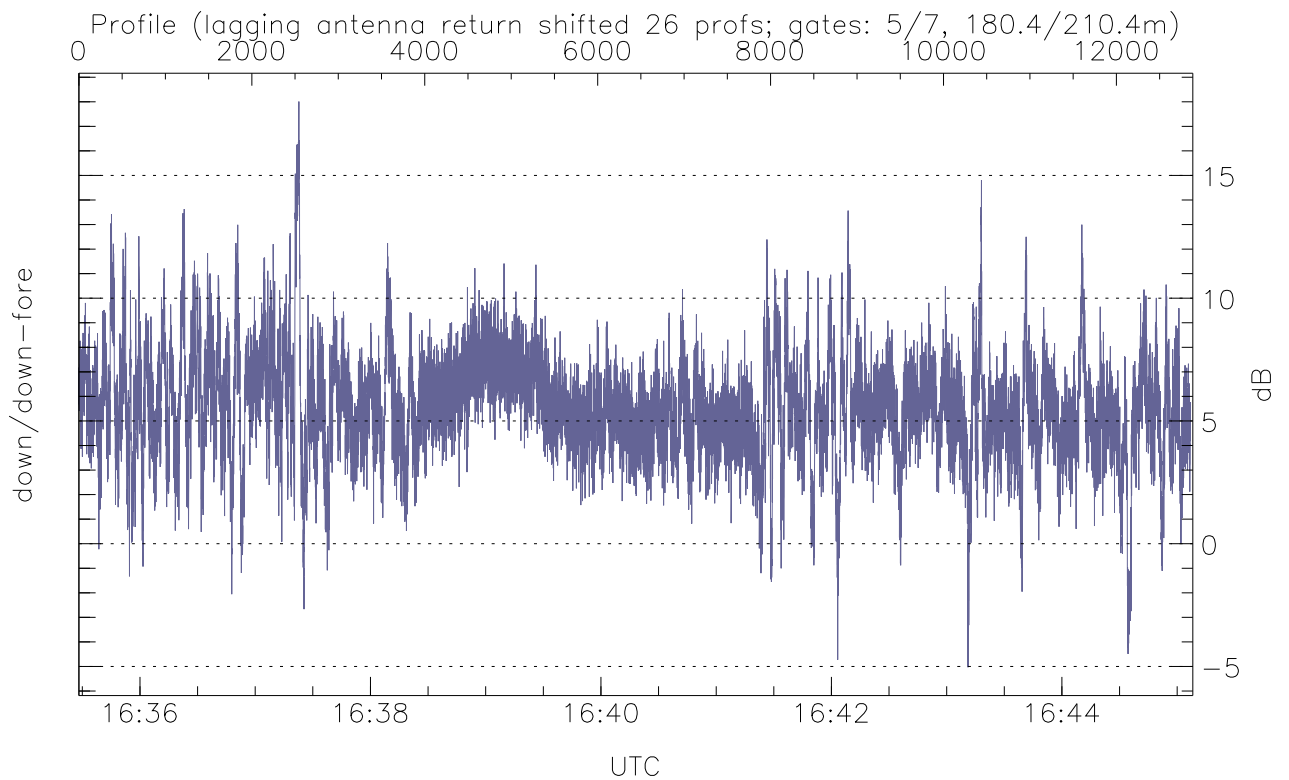
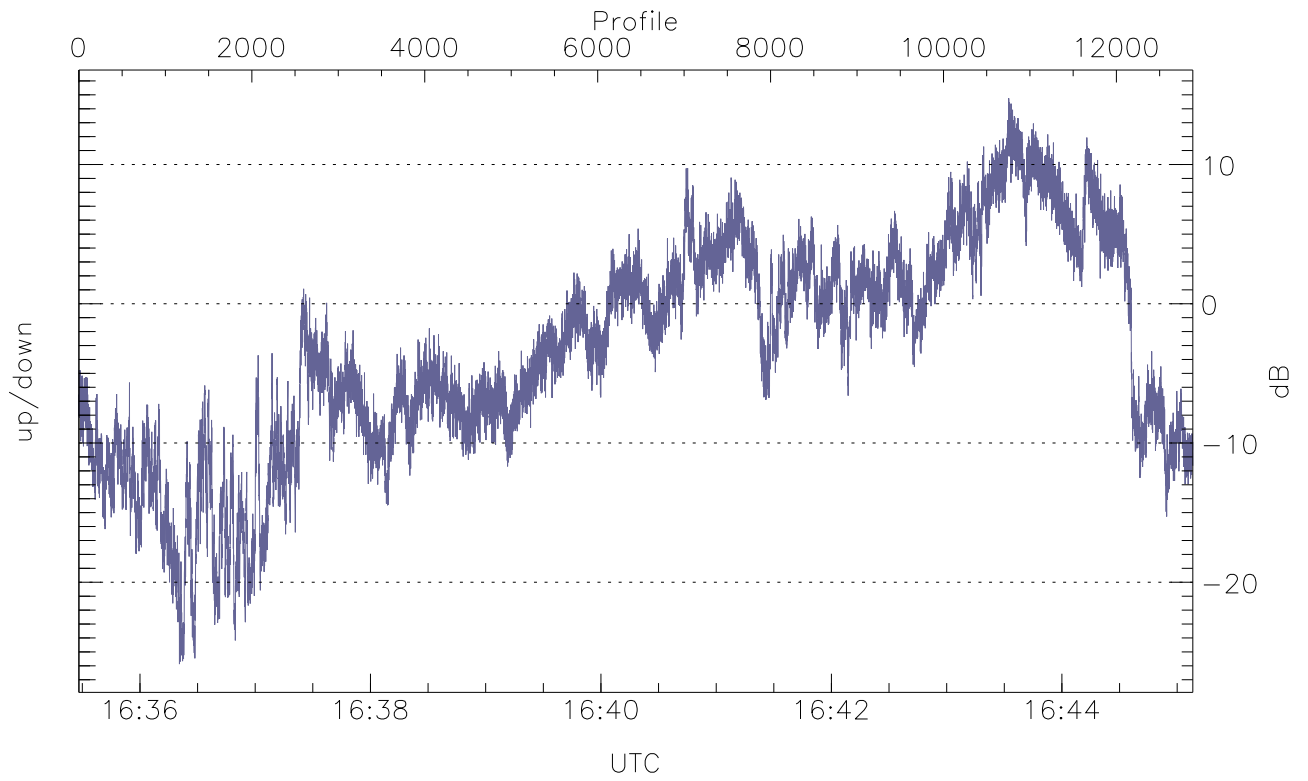


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



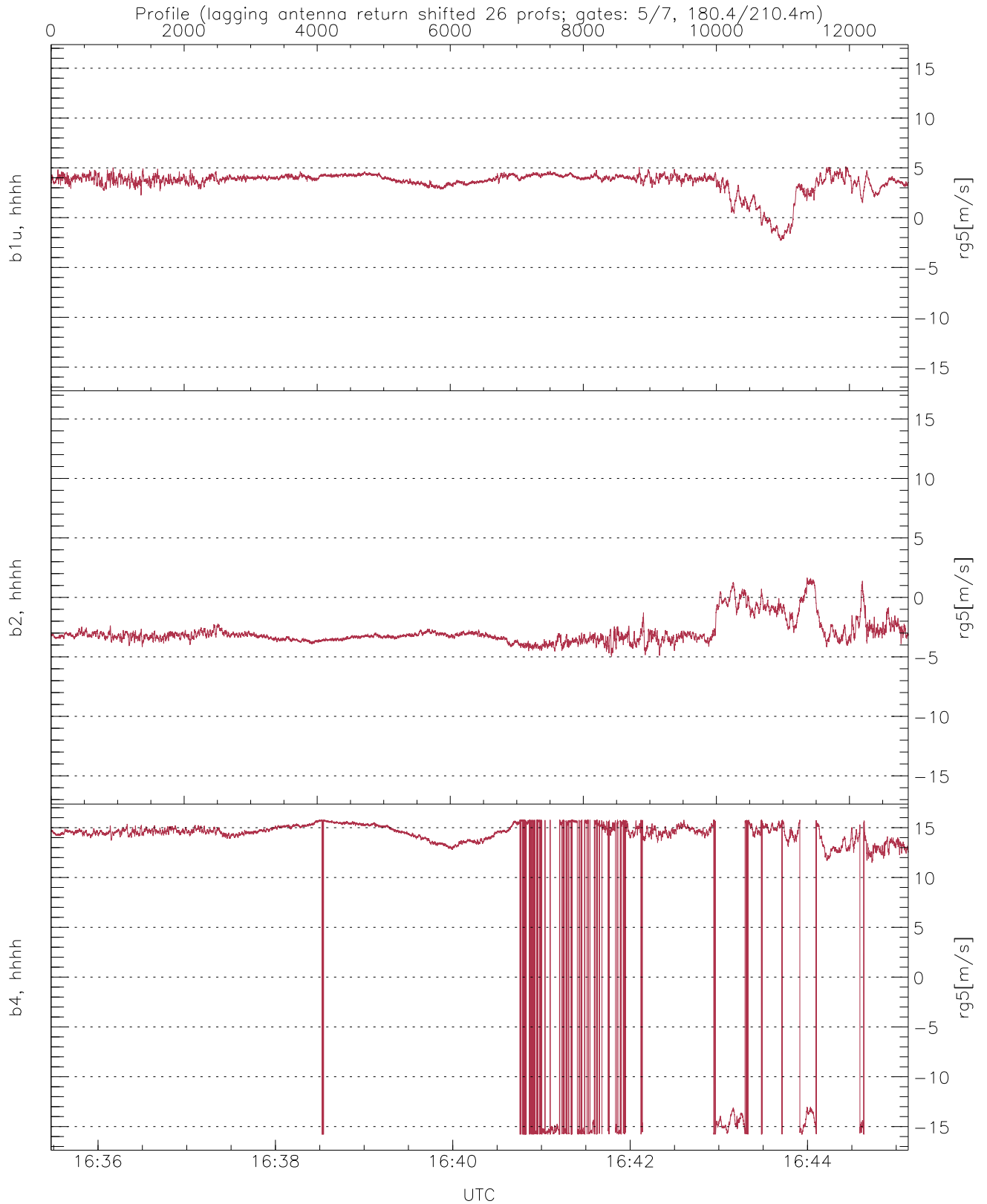
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-42.10	-21.72	-29.45
down(hh[dBm])	-40.40	-12.81	-23.61
down-fore(hh[dBm])	-44.87	-16.67	-28.80



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

	Min	Max	Mean
up/down (dB)	-25.87	14.75	-3.22
down/down-fore (dB)	-5.03	18.01	5.58



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.29	5.13	3.56	1.13
b2, hhhh(rg5[m/s])	-4.96	1.65	-2.95	1.06
b4, hhhh(rg5[m/s])	-15.79	15.79	10.93	9.70