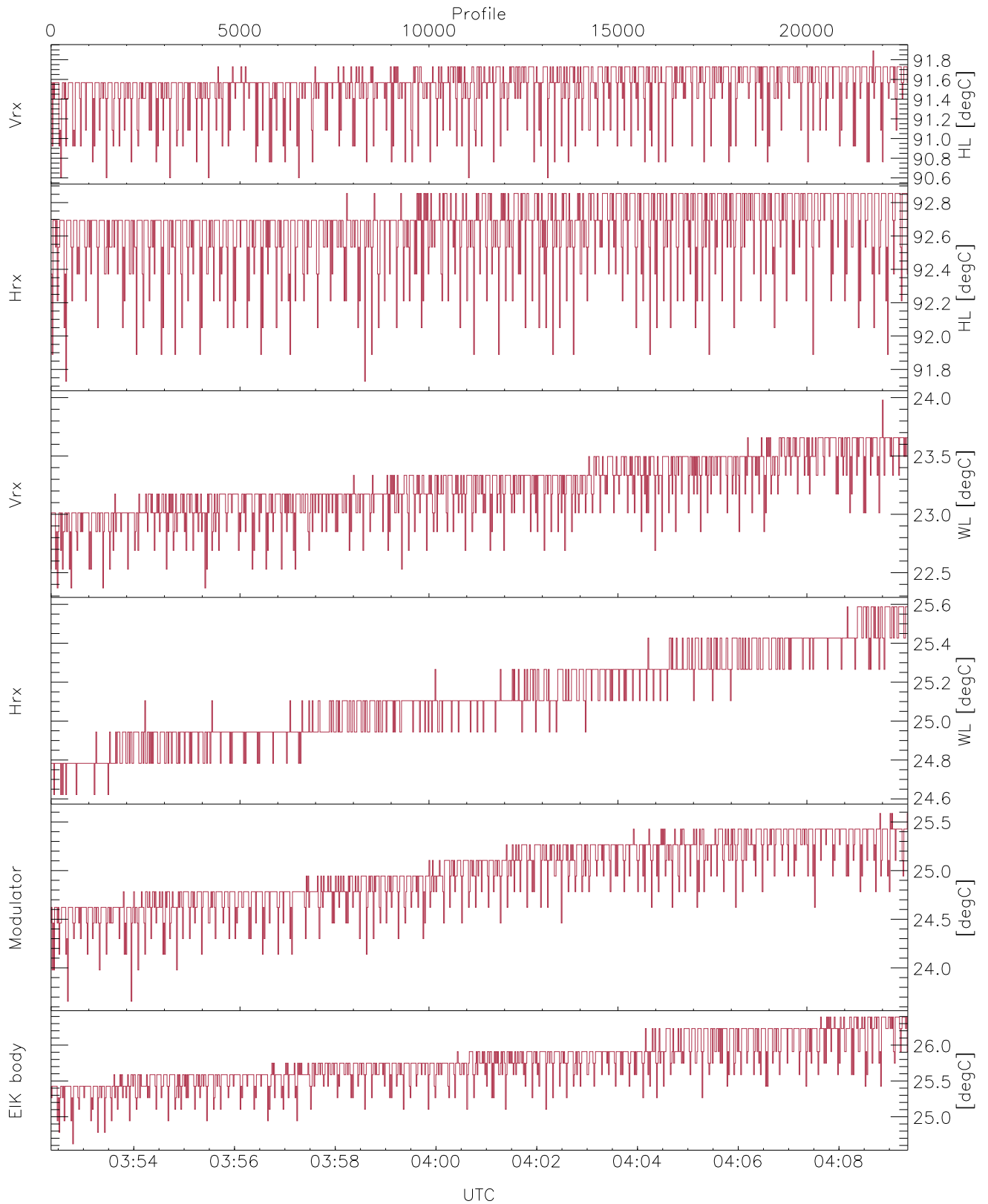


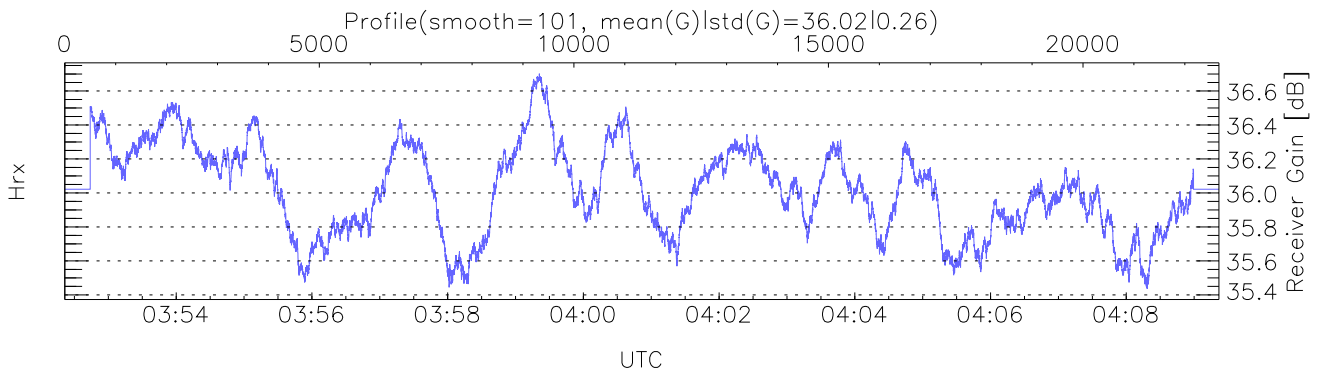
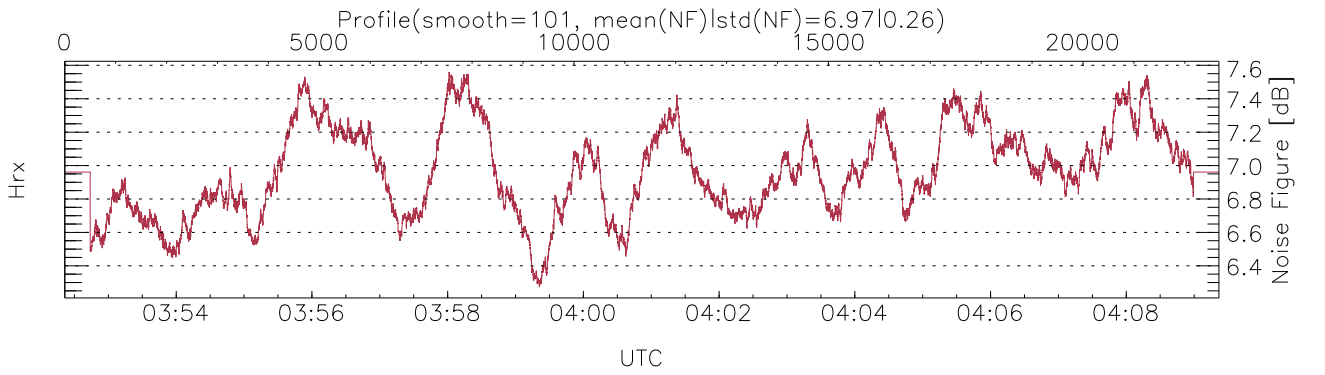
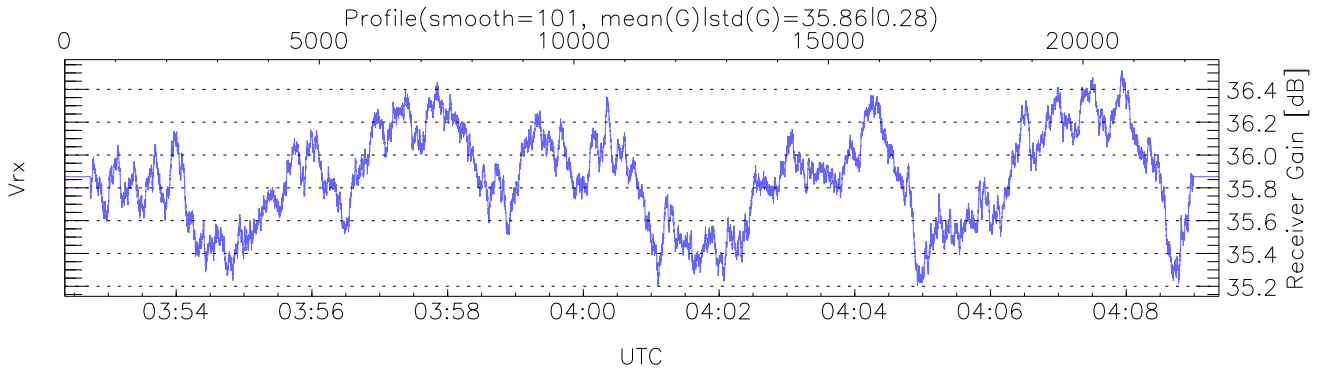
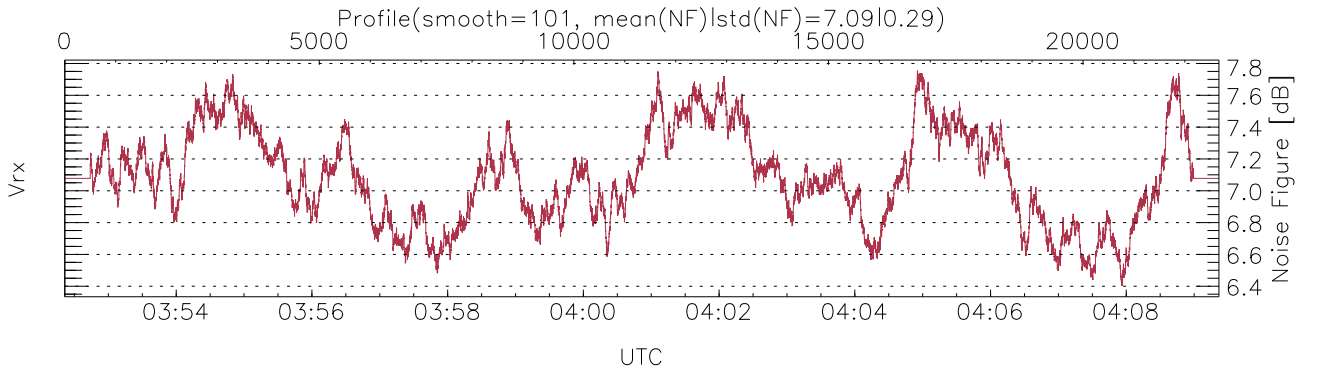
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 03:52:21-04:09:22, TimeCor: 0.00s, Dur: 1020.45s
 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): 22672/22672, 0-22671/03:52:21-04:09:22
 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



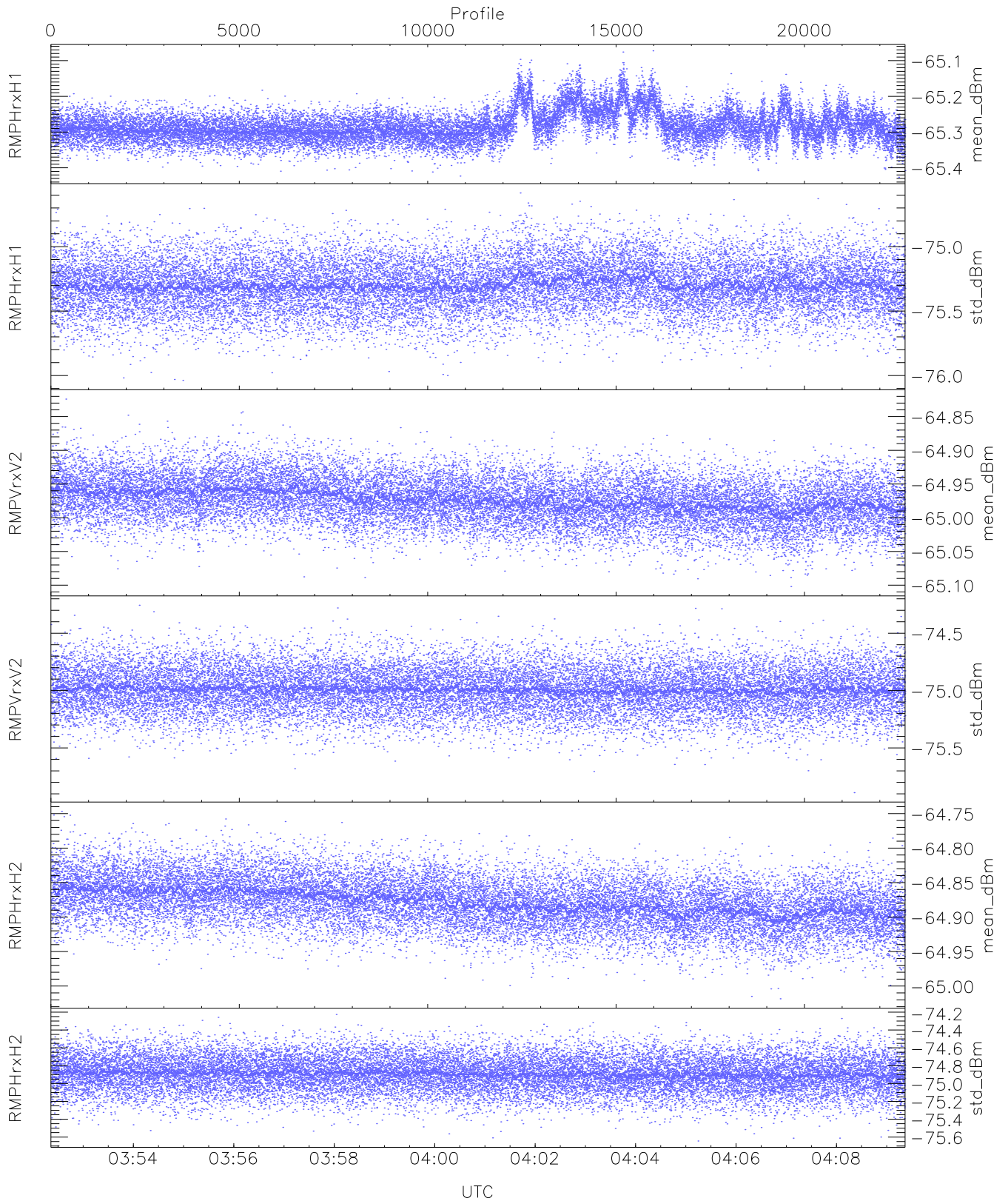
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,23,24`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,25,26`
`LOalarm(20,240,2817,14861 MHz): 0,0,46,0`
`EIK/Modulator Faults: None`



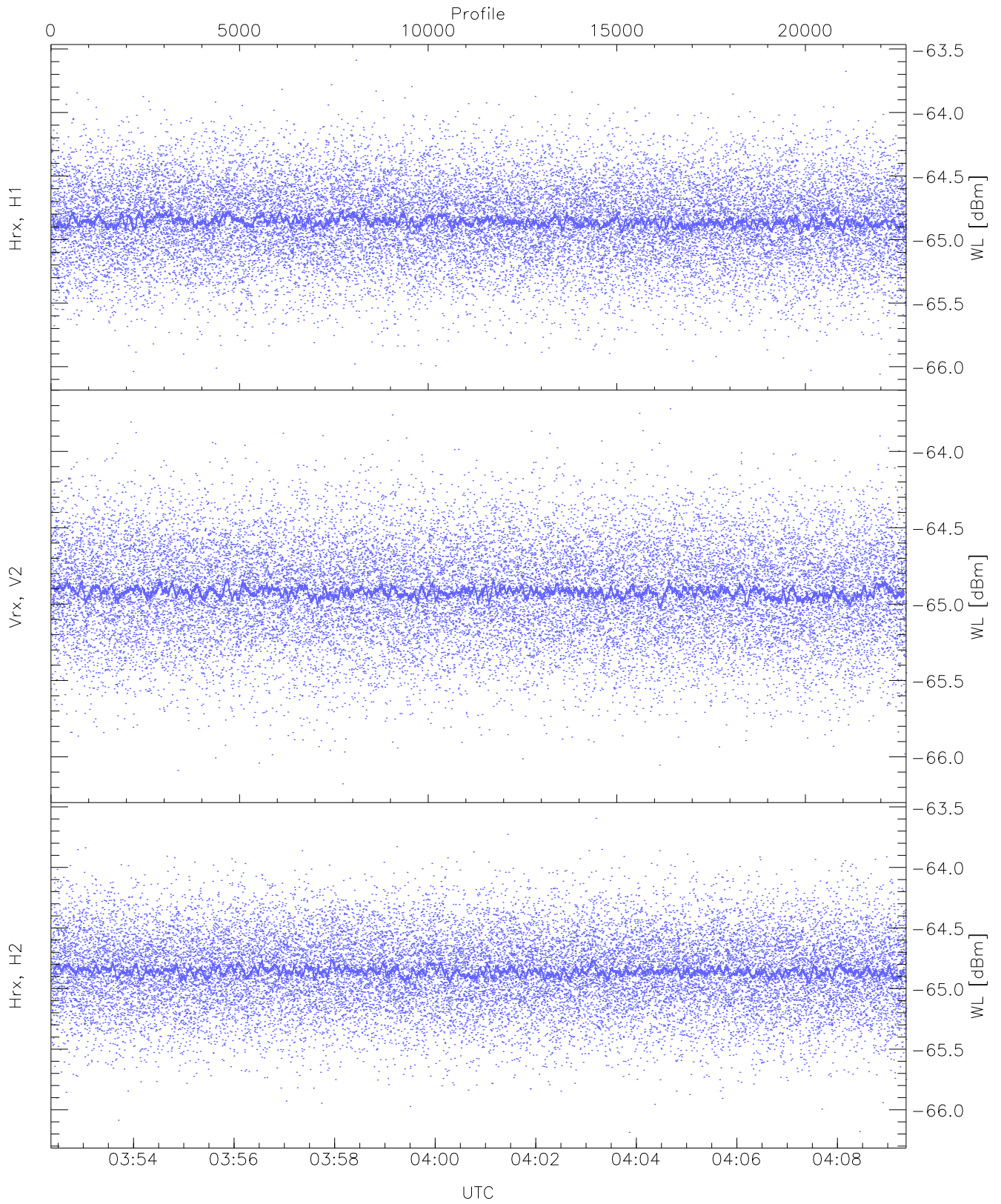
WCR3 CPP Receivers Gain and Noise Figure

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



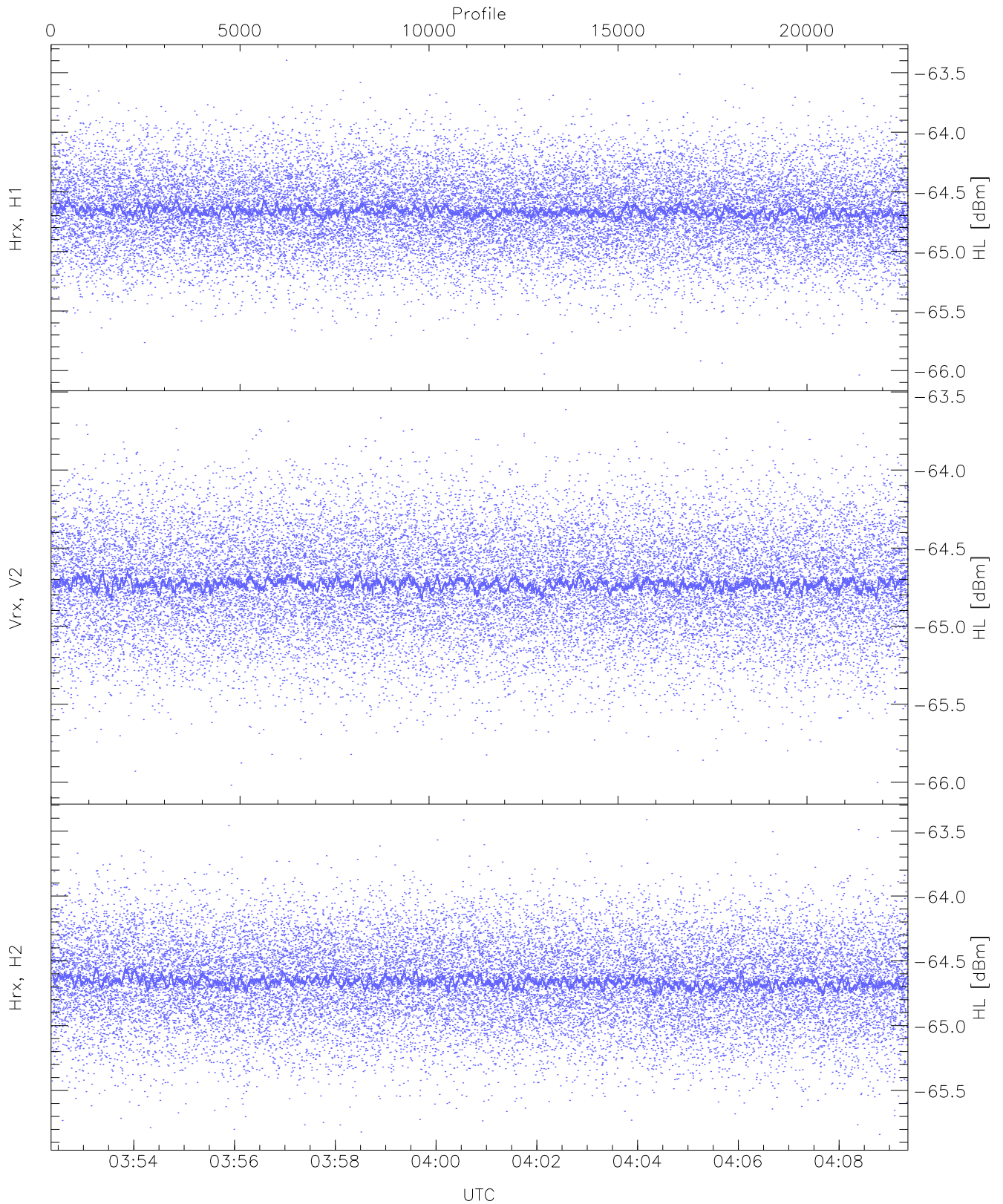
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.43	-65.07	-65.28	-65.29	-85.35
RMPHrxH1(std_dBm)	-76.04	-74.58	-75.30	-75.30	-89.01
RMPVrxV2(mean_dBm)	-65.10	-64.82	-64.97	-64.97	-86.28
RMPVrxV2(std_dBm)	-75.89	-74.26	-74.99	-74.99	-88.78
RMPHrxH2(mean_dBm)	-65.02	-64.75	-64.88	-64.88	-86.03
RMPHrxH2(std_dBm)	-75.64	-74.23	-74.89	-74.89	-88.70



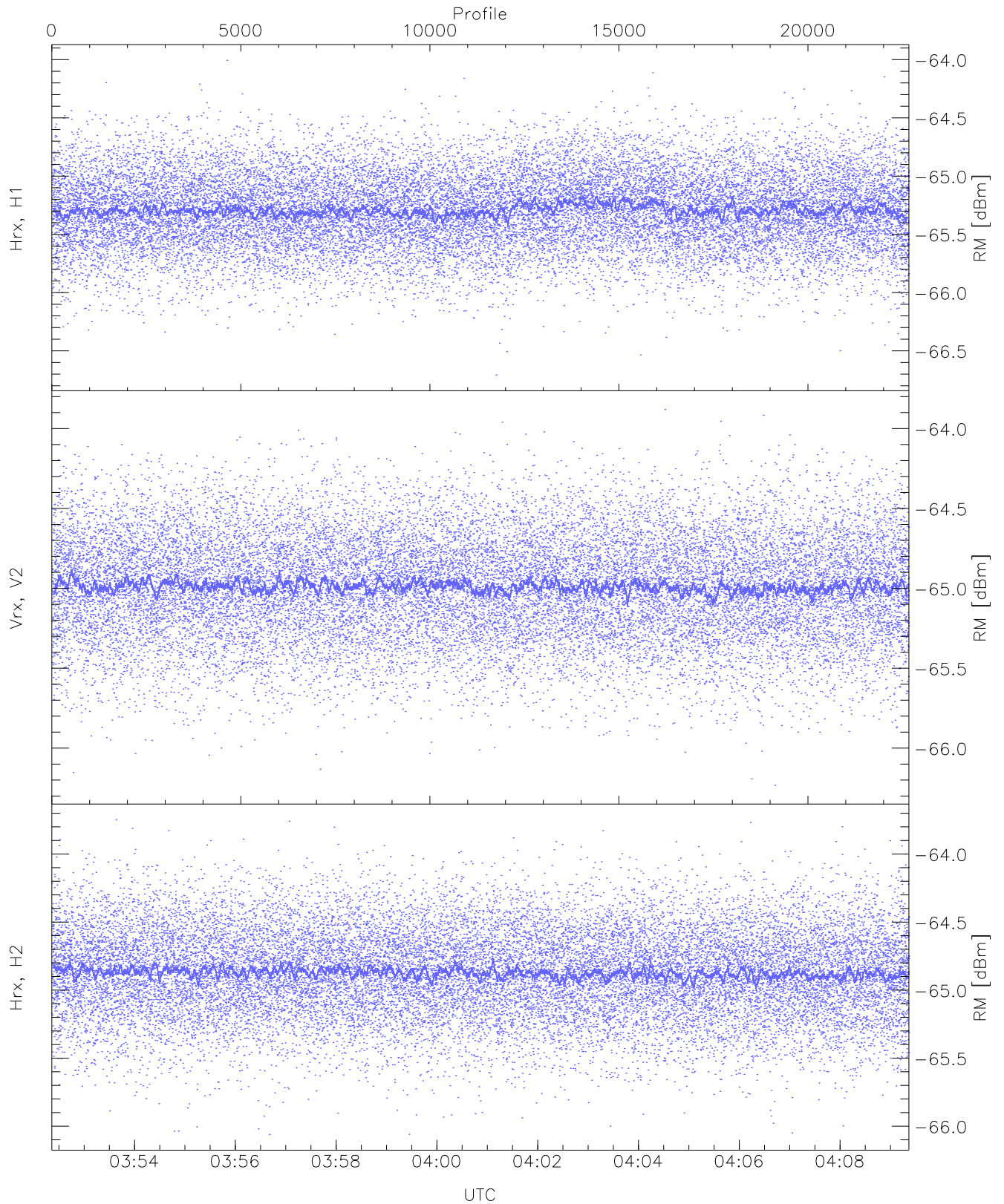
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.06	-63.59	-64.85	-64.86	-76.36
Vrx, V2(WL [dBm])	-66.18	-63.72	-64.91	-64.92	-76.43
Hrx, H2(WL [dBm])	-66.19	-63.59	-64.85	-64.86	-76.35



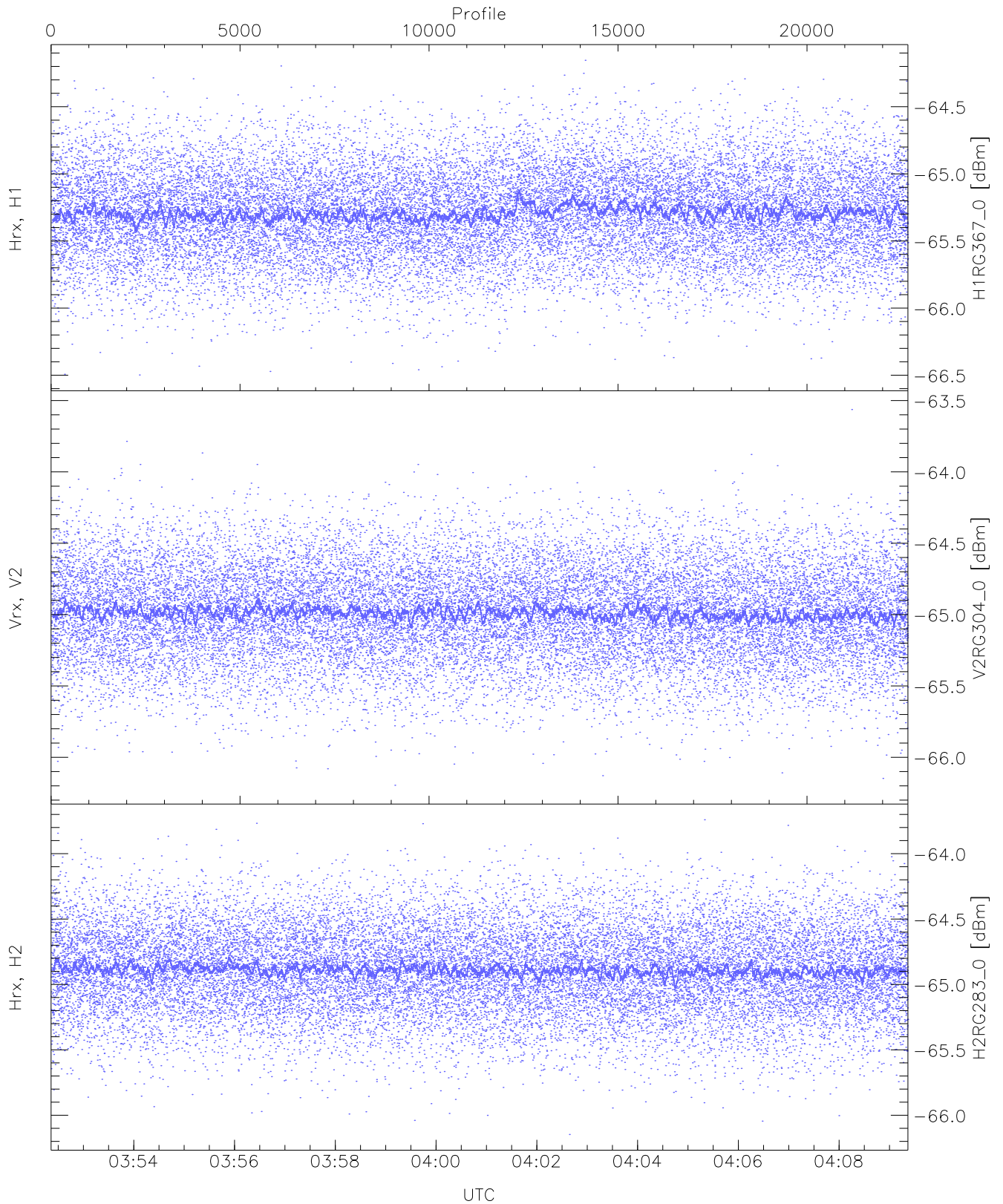
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.04	-63.40	-64.66	-64.67	-76.19
Vrx, V2 (HL [dBm])	-66.02	-63.61	-64.72	-64.73	-76.24
Hrx, H2 (HL [dBm])	-65.84	-63.41	-64.65	-64.66	-76.12



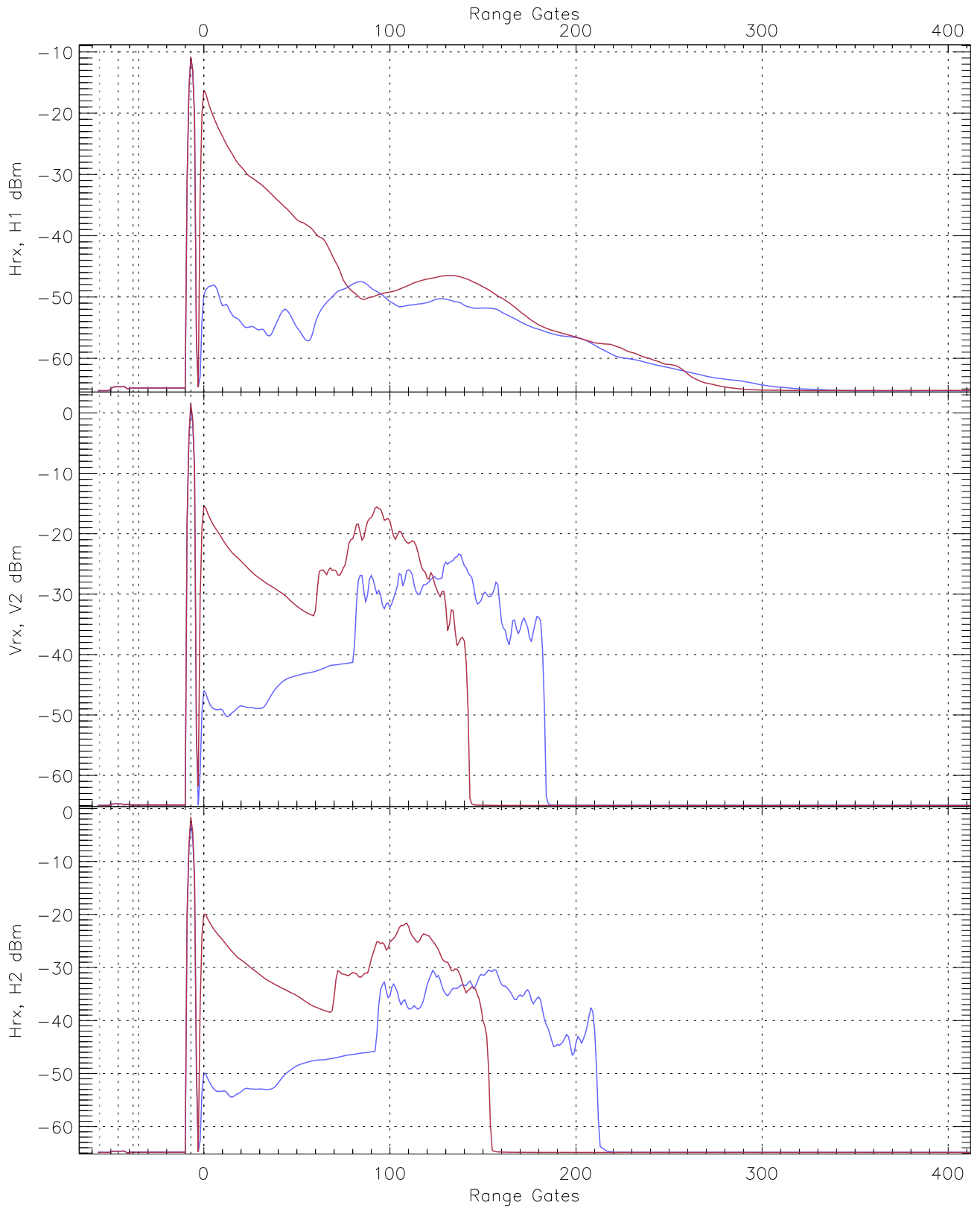
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.71	-64.01	-65.29	-65.29	-76.77
Vrx, V2 (RM [dBm])	-66.23	-63.88	-64.98	-64.99	-76.49
Hrx, H2 (RM [dBm])	-66.06	-63.75	-64.87	-64.87	-76.39

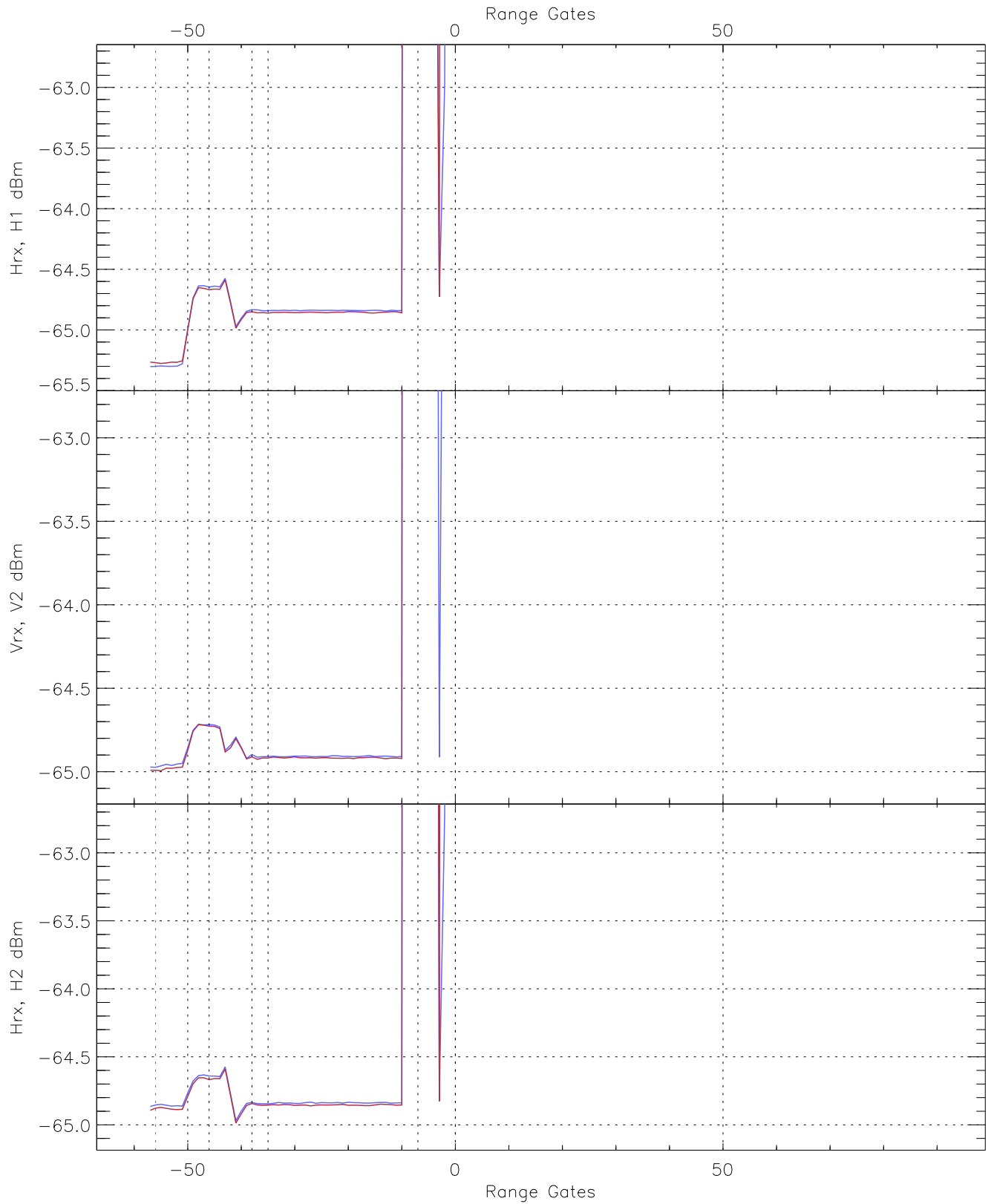


WCR3 CPP "Best" estimate Receivers Noise Power

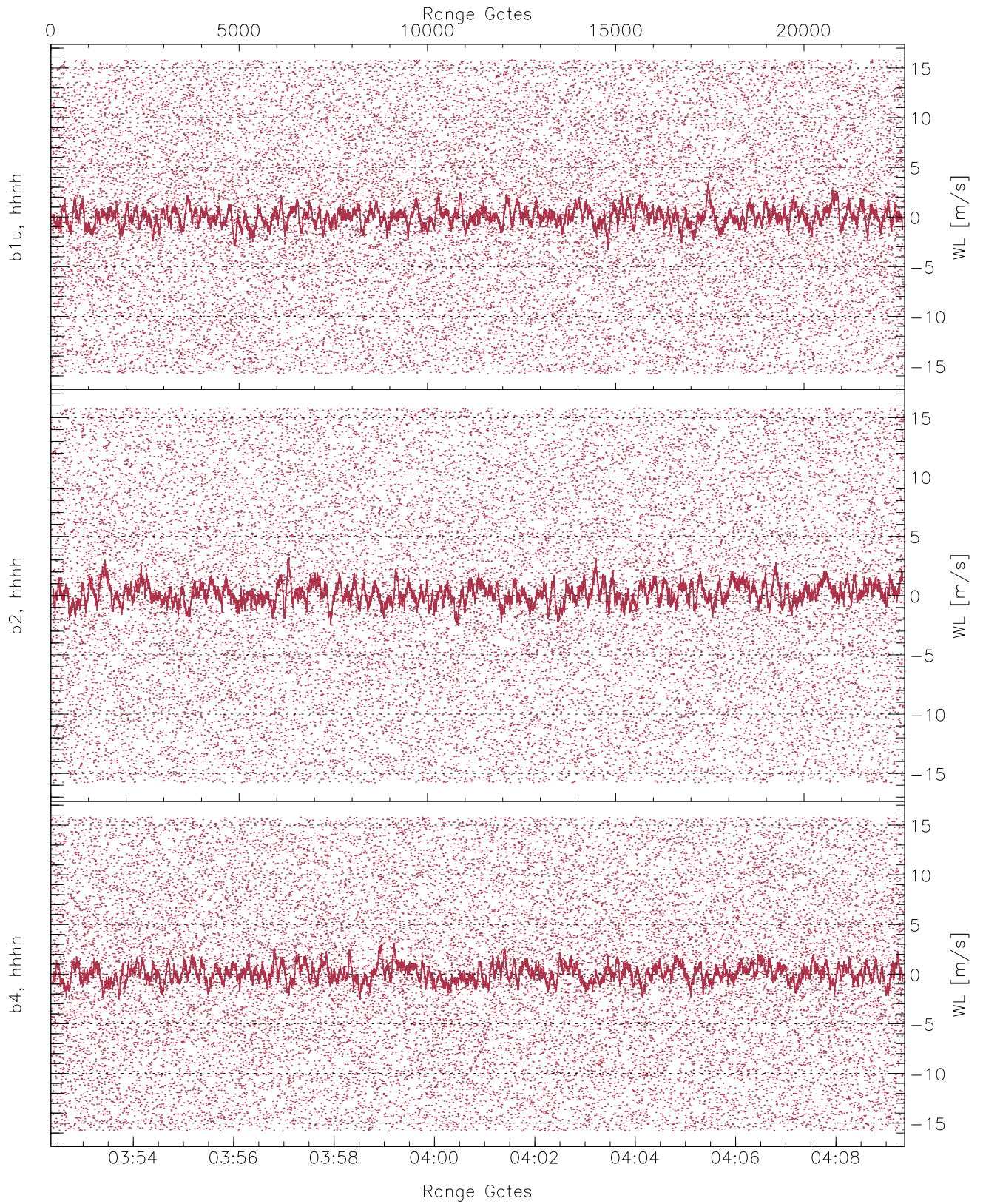
	Min	Max	Mean	Median	StDev
H1RG367_0 [dBm]	-66.50	-64.15	-65.29	-65.29	-76.77
V2RG304_0 [dBm]	-66.20	-63.56	-64.98	-64.99	-76.50
H2RG283_0 [dBm]	-66.15	-63.74	-64.88	-64.89	-76.40



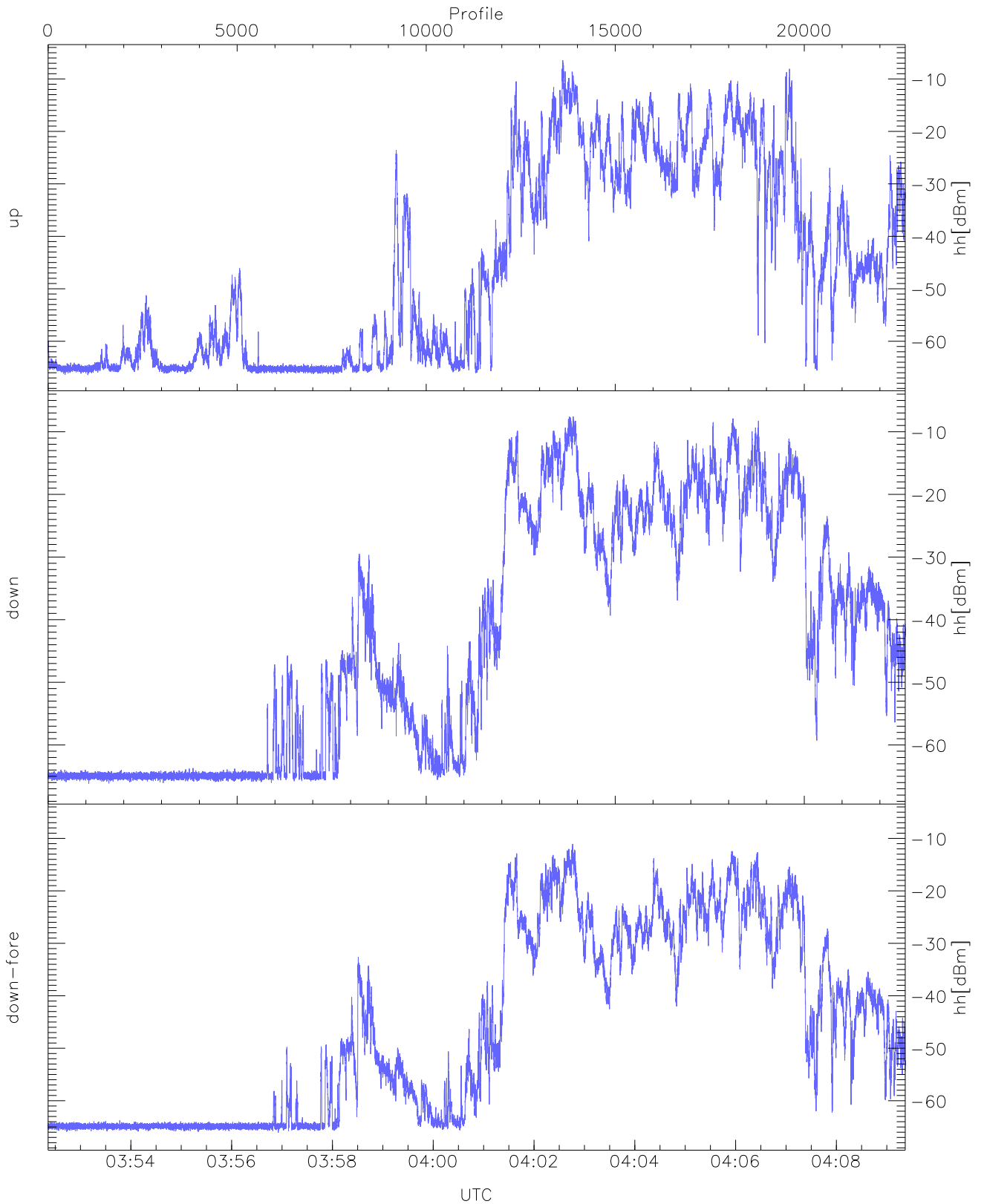
WCR3 CPP Averaged Received power for all recorded gates
blue: 035221-040052, 11337 profiles averaged
red: 040052-040922, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 035221-040052, 11337 profiles averaged
red: 040052-040922, 11336 profiles averaged

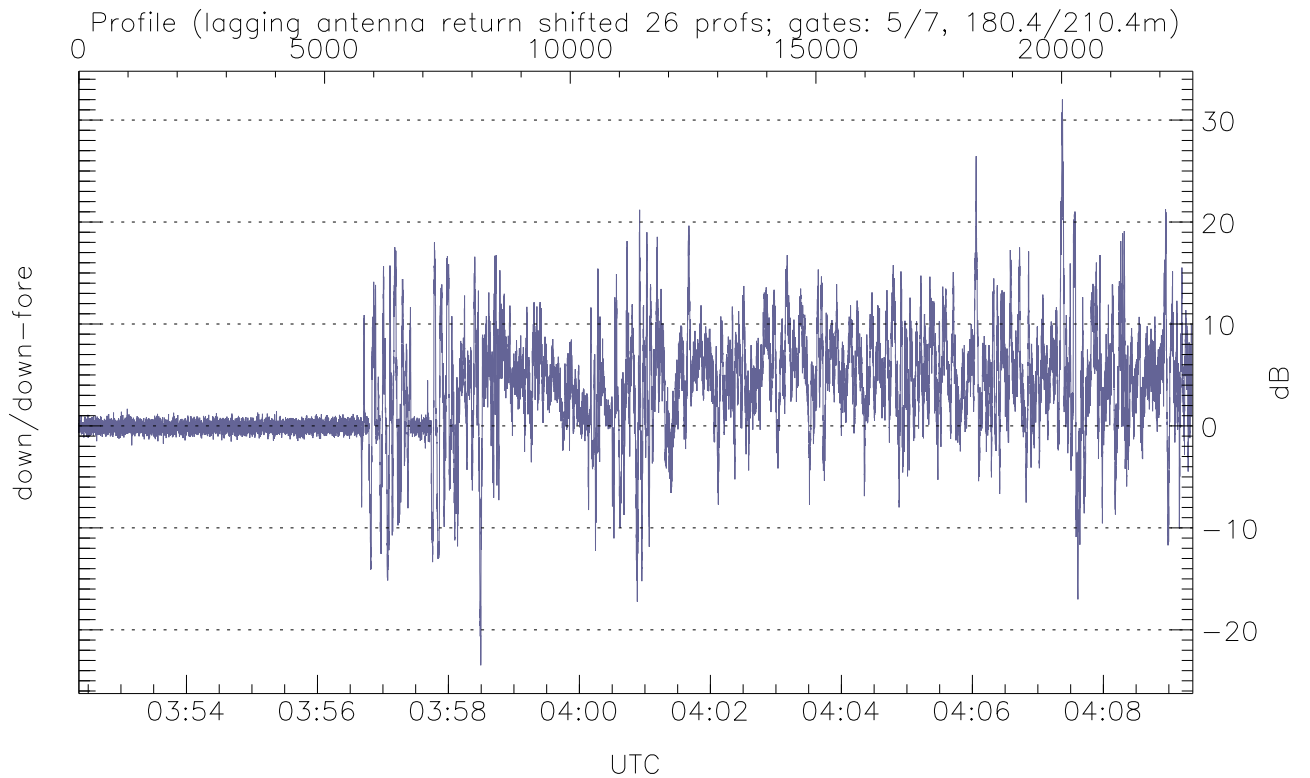
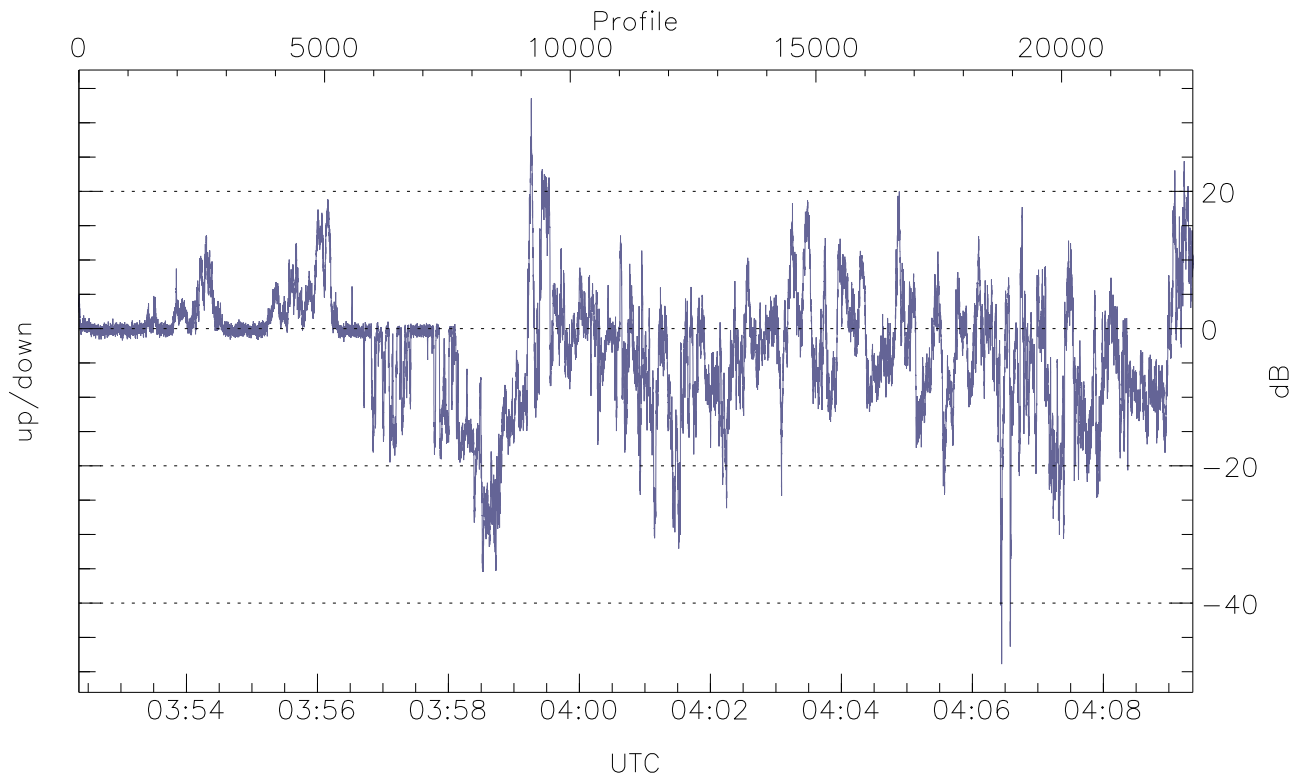


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



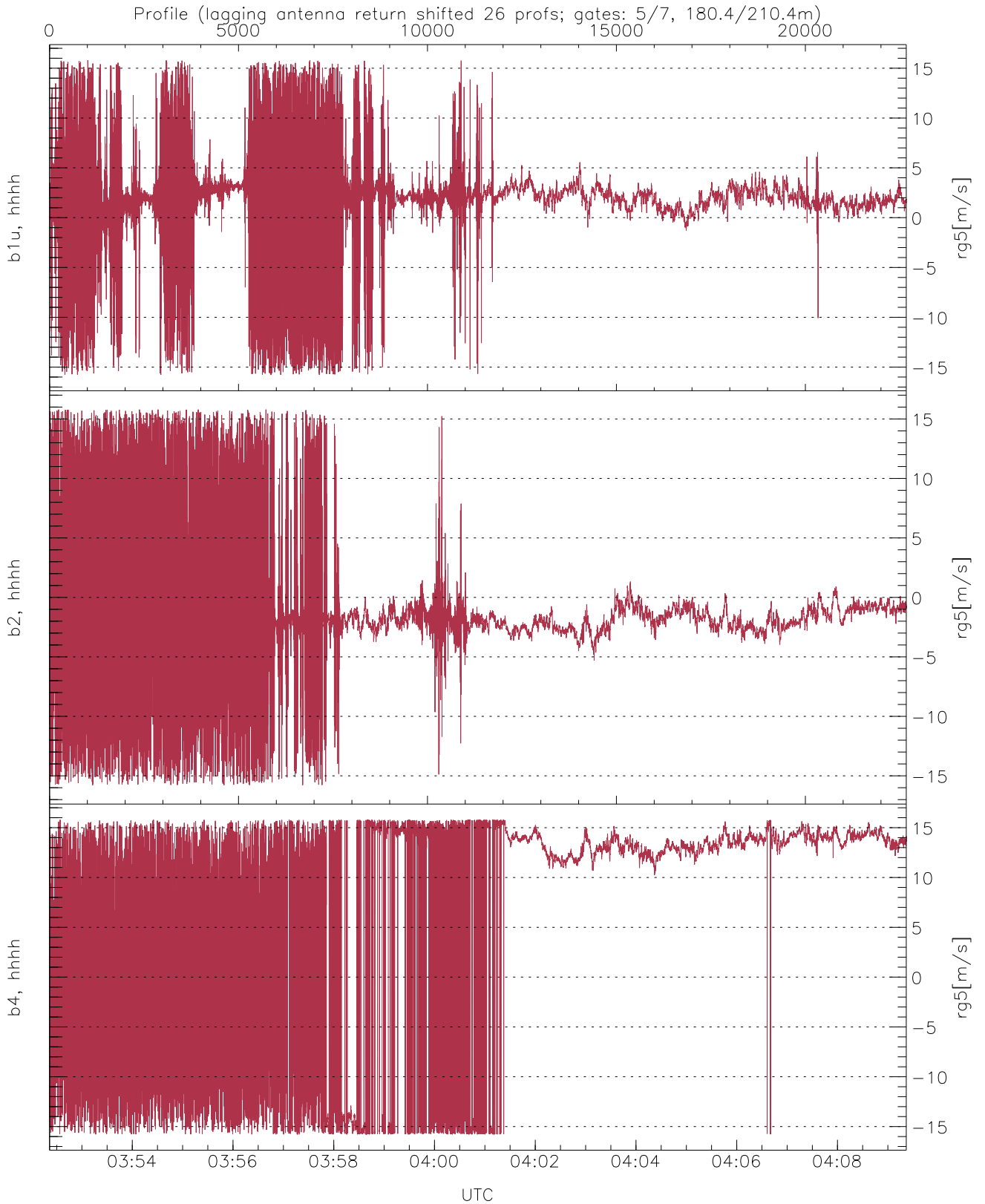
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.43	-6.45	-23.46
down(hh[dBm])	-66.17	-7.57	-21.48
down-fore(hh[dBm])	-66.11	-11.06	-25.57



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

	Min	Max	Mean
up/down (dB)	-48.89	33.56	-2.96
down/down-fore (dB)	-23.47	32.01	3.18



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.64	4.15
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.29	4.88
b4, hhhh(rg5[m/s])	-15.79	15.79	6.55	10.66