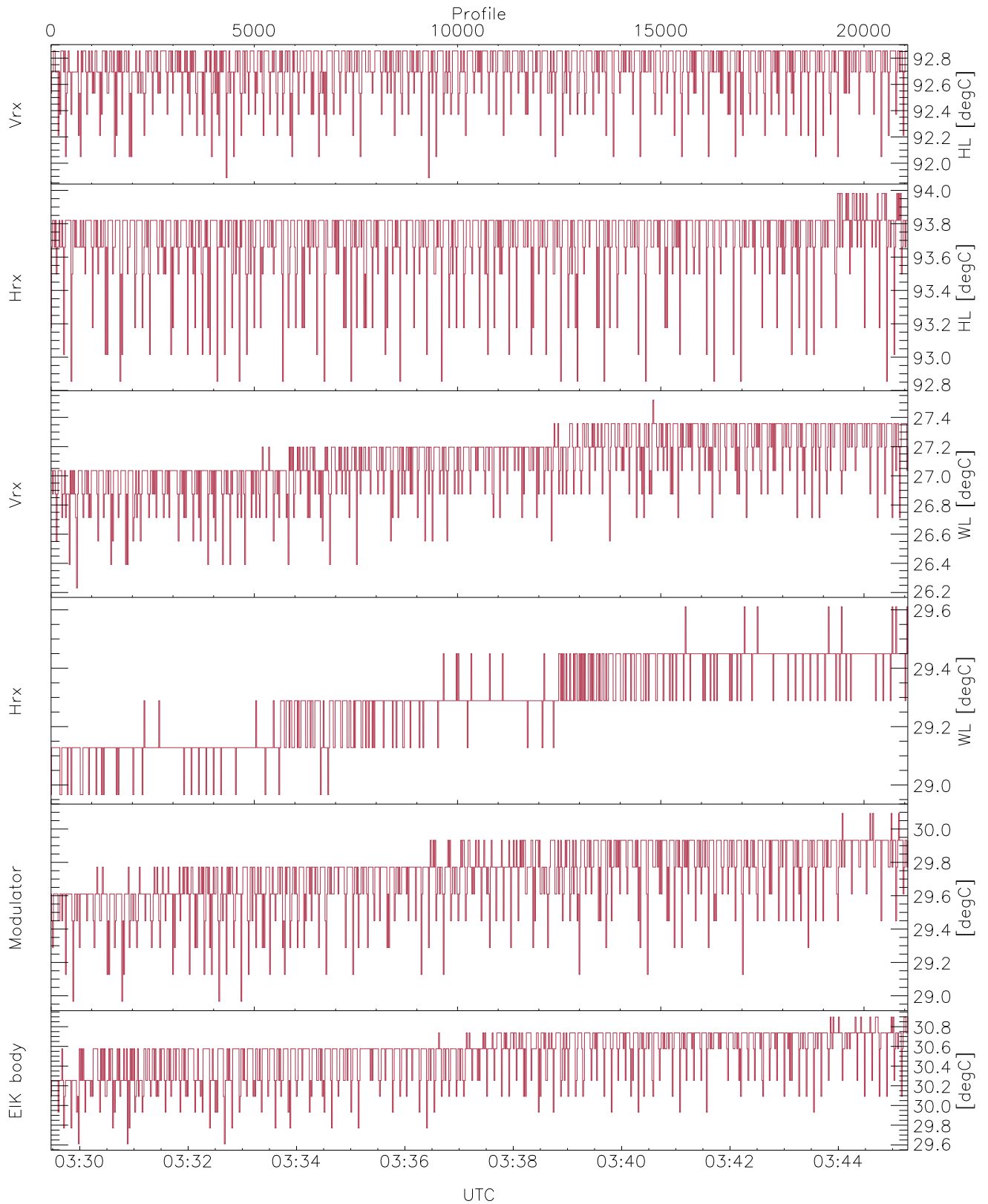


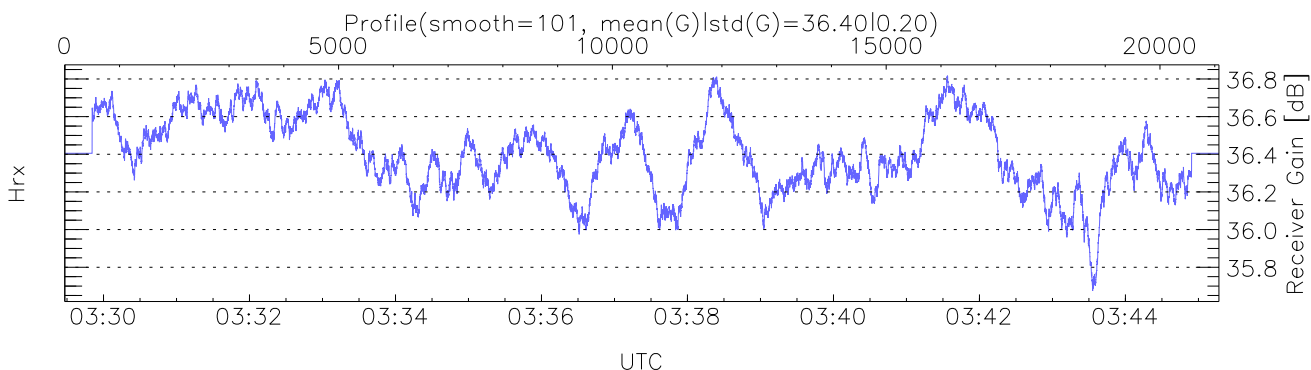
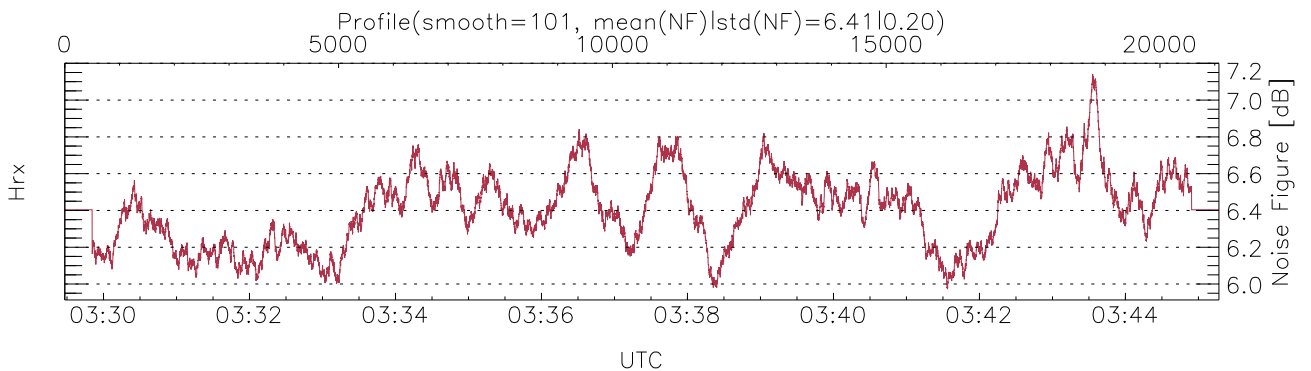
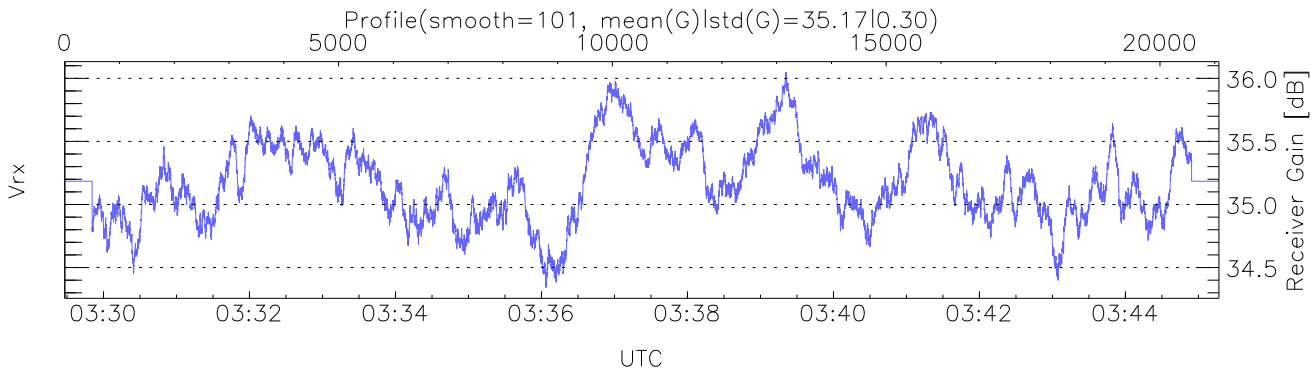
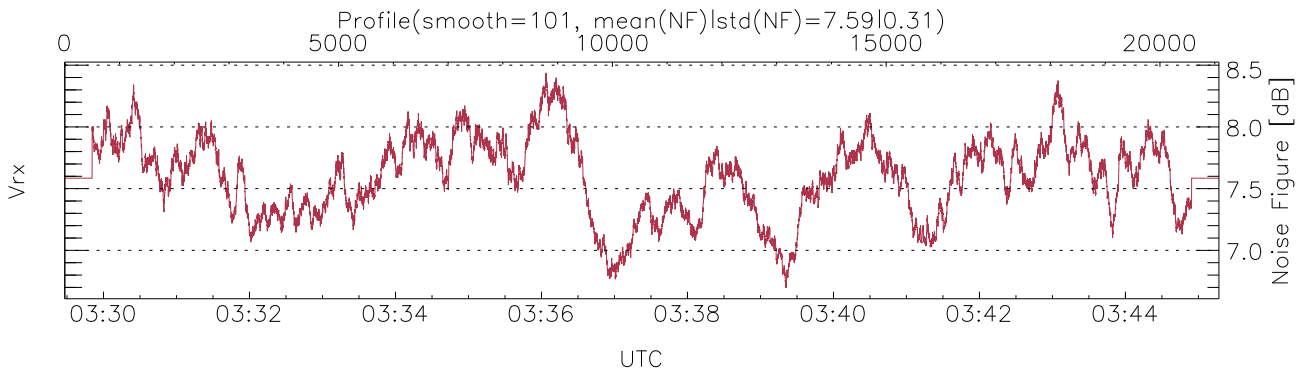
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 03:29:28-03:45:17, TimeCor: 0.00s, Dur: 948.70s
 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): 21078/21078, 0-21077/03:29:28-03:45:17
 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



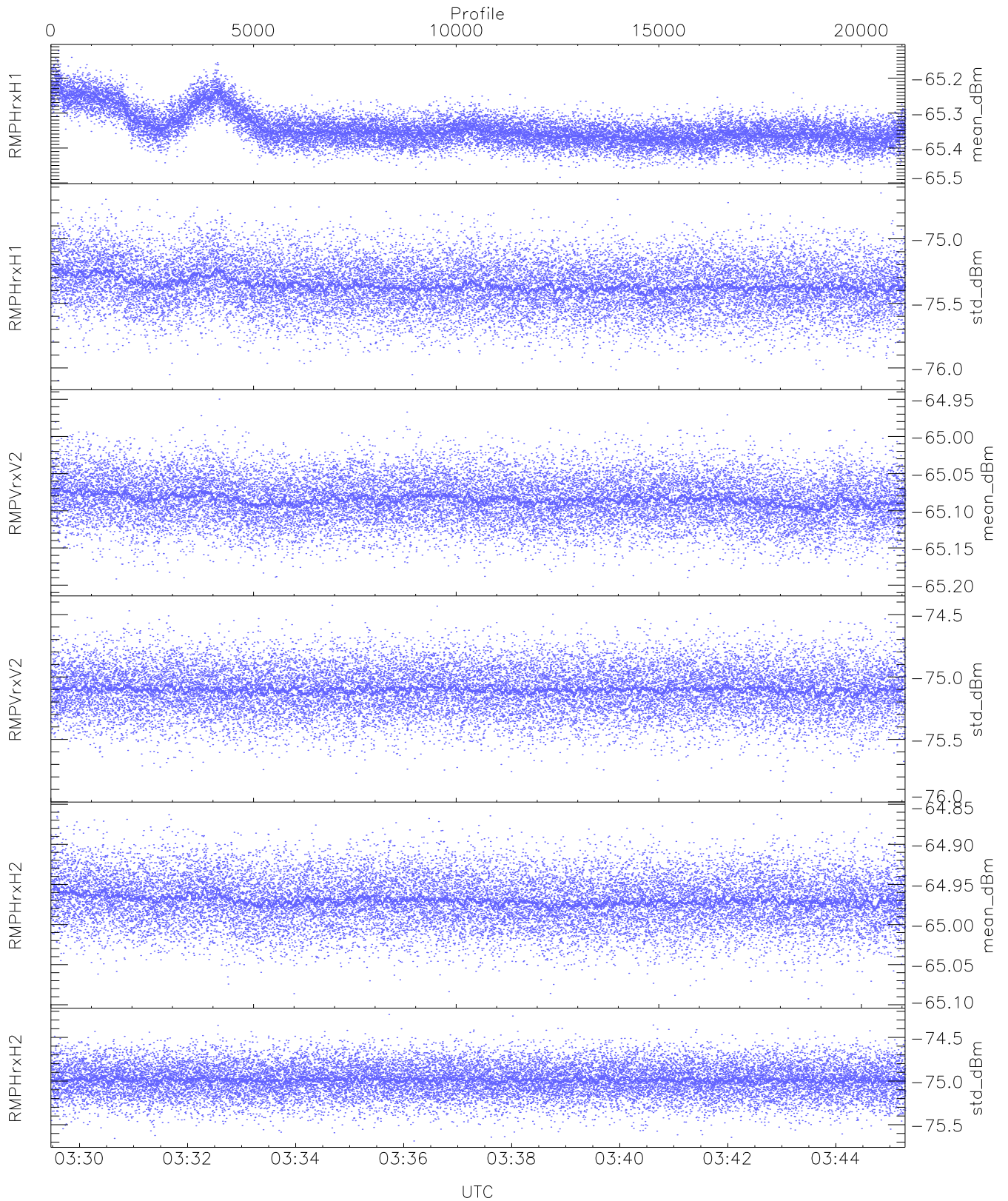
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,26,28,28,29`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,30,30`
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`
`EIK/Modulator Faults: None`



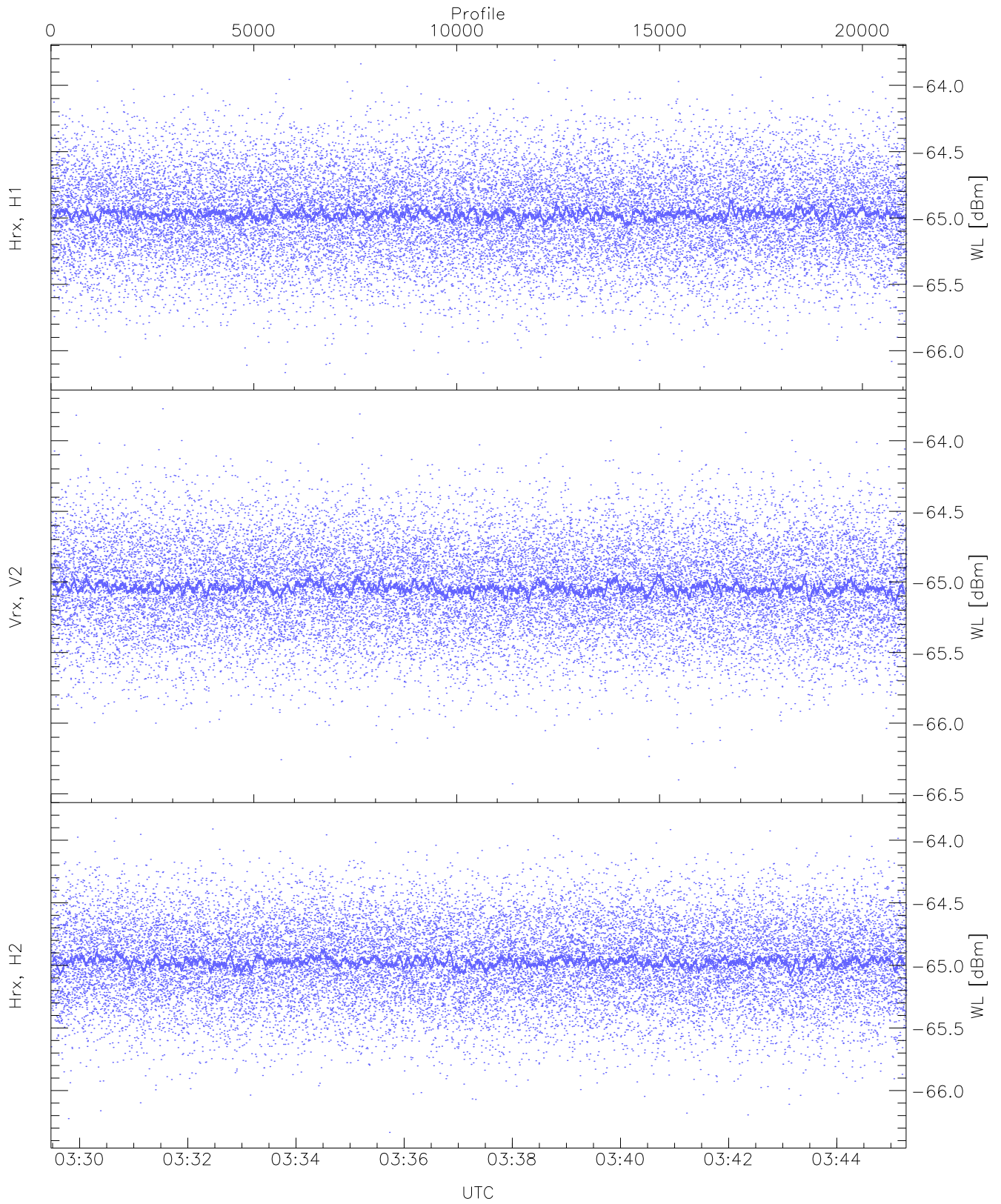
WCR3 CPP Receivers Gain and Noise Figure

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



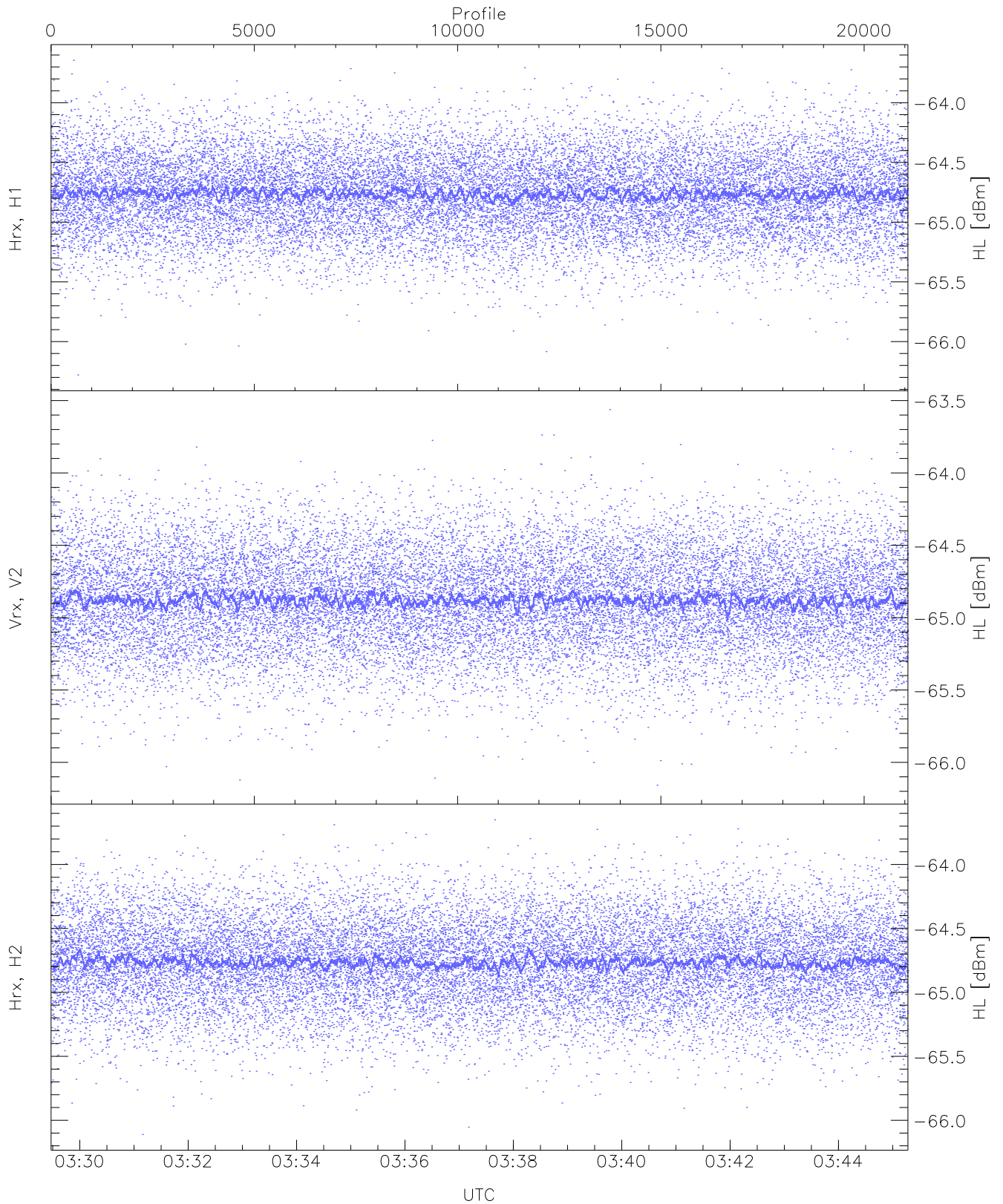
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.48	-65.12	-65.34	-65.35	-84.82
RMPHrxH1 (std_dBm)	-76.10	-74.65	-75.36	-75.36	-89.07
RMPVrxV2 (mean_dBm)	-65.20	-64.95	-65.09	-65.09	-86.66
RMPVrxV2 (std_dBm)	-75.93	-74.43	-75.10	-75.10	-88.87
RMPHrxH2 (mean_dBm)	-65.09	-64.86	-64.97	-64.97	-86.55
RMPHrxH2 (std_dBm)	-75.69	-74.24	-74.99	-74.99	-88.77



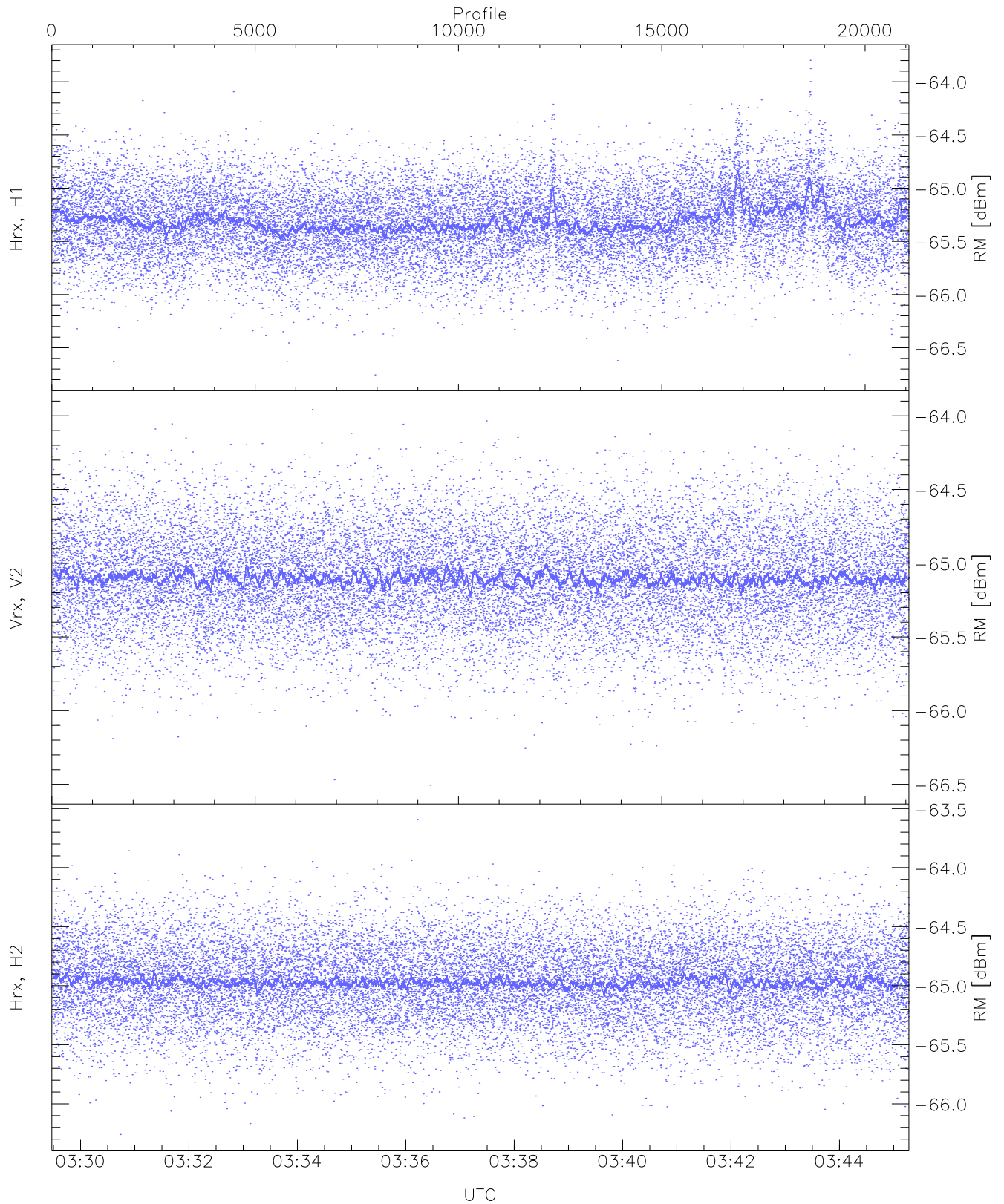
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.18	-63.81	-64.96	-64.97	-76.44
Vrx, V2 (WL [dBm])	-66.43	-63.77	-65.03	-65.05	-76.52
Hrx, H2 (WL [dBm])	-66.33	-63.82	-64.96	-64.97	-76.45



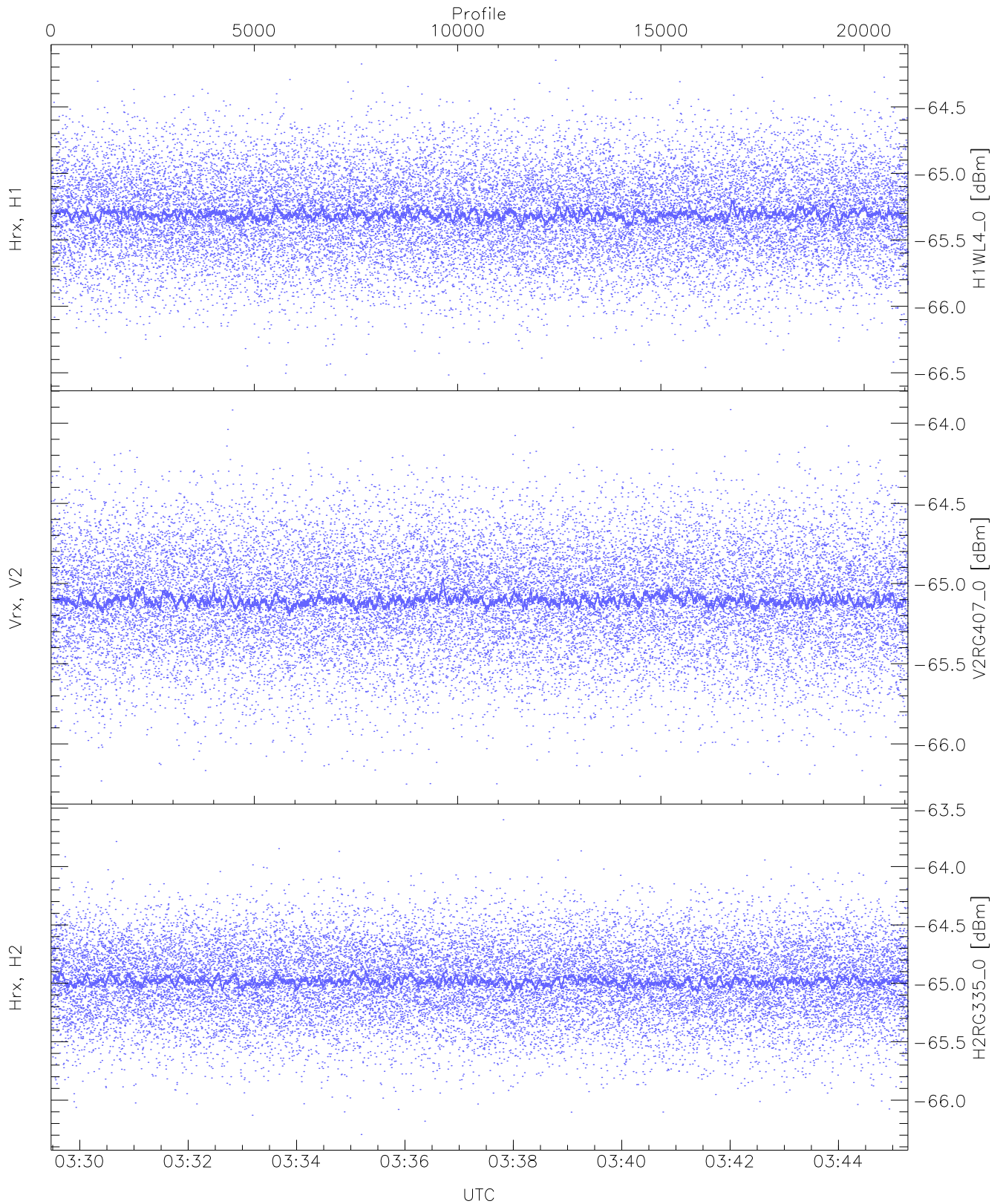
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.28	-63.64	-64.76	-64.76	-76.27
Vrx, V2 (HL [dBm])	-66.16	-63.56	-64.87	-64.88	-76.36
Hrx, H2 (HL [dBm])	-66.11	-63.65	-64.76	-64.76	-76.25



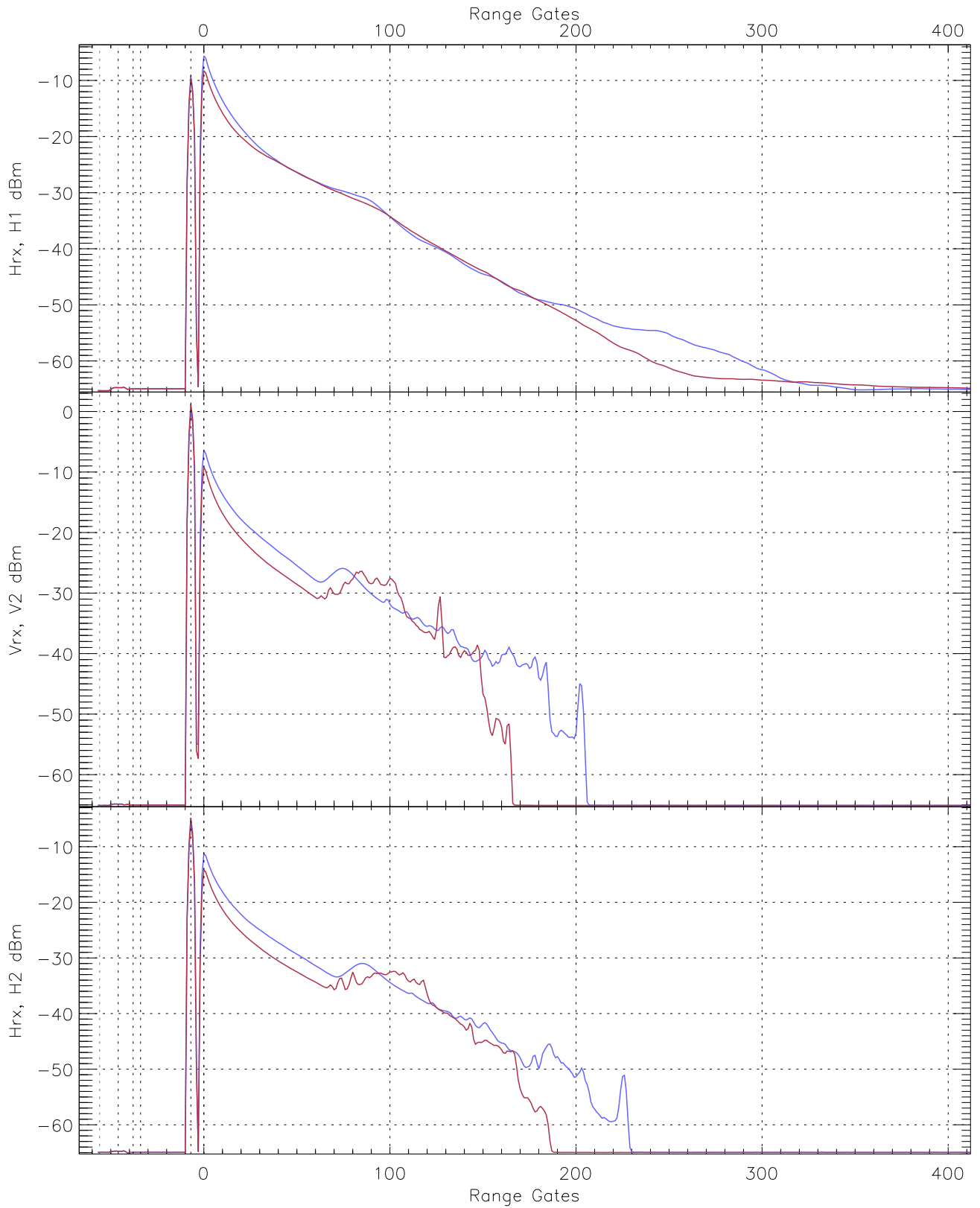
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.76	-63.80	-65.30	-65.31	-76.64
Vrx, V2 (RM [dBm])	-66.51	-63.96	-65.10	-65.11	-76.63
Hrx, H2 (RM [dBm])	-66.26	-63.59	-64.96	-64.97	-76.44

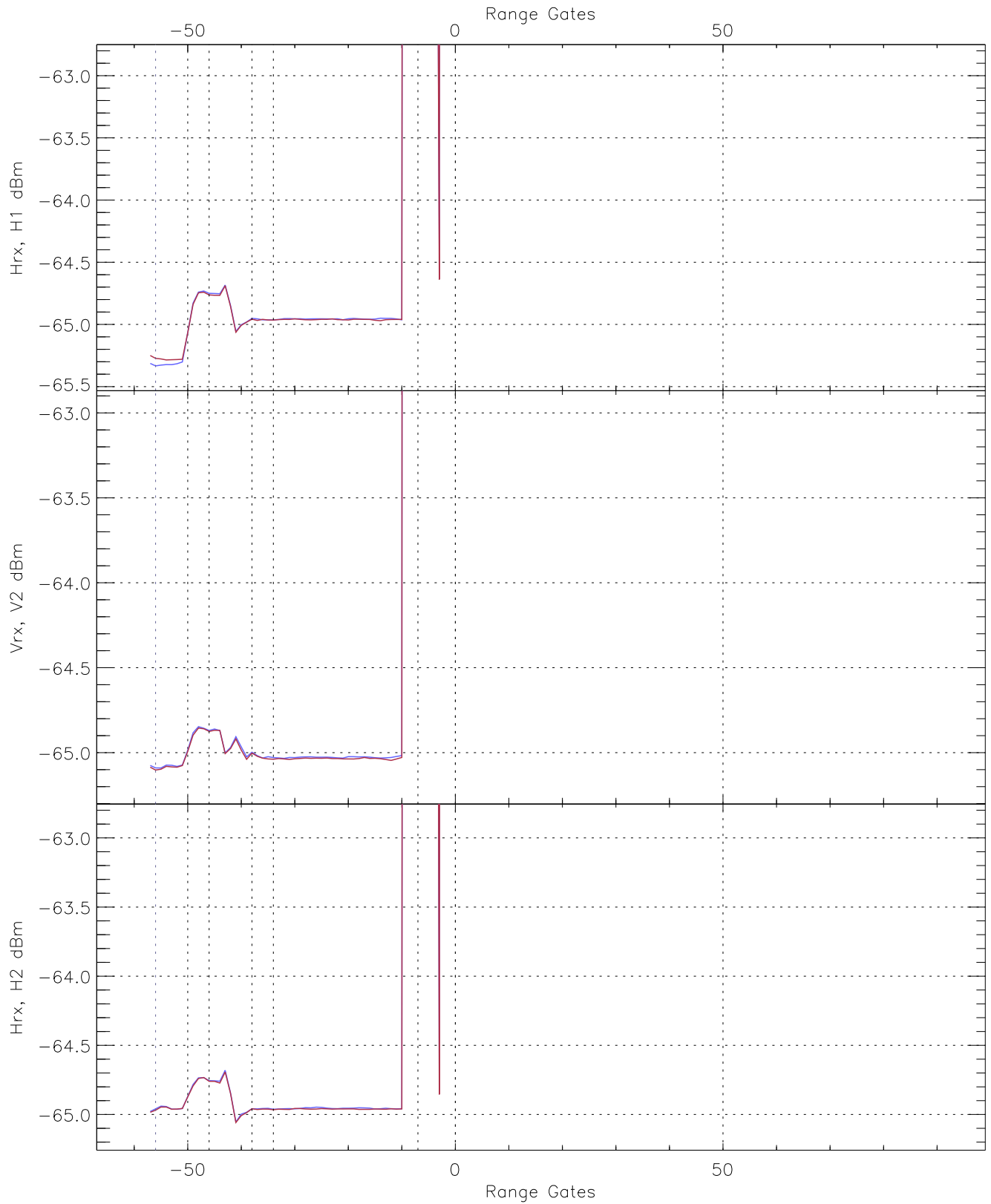


WCR3 CPP "Best" estimate Receivers Noise Power

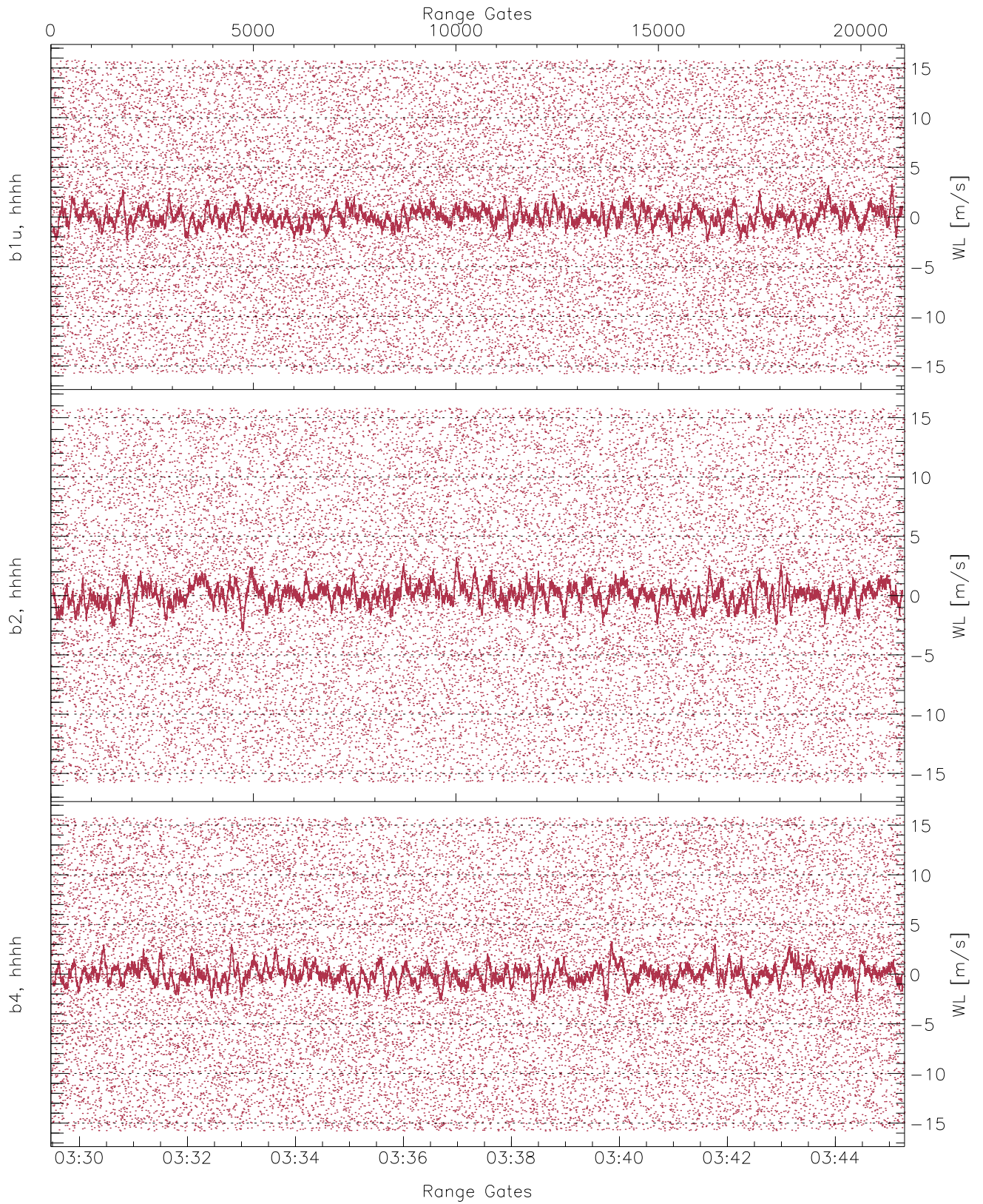
	Min	Max	Mean	Median	StDev
H1WL4_0 [dBm]	-66.52	-64.15	-65.30	-65.31	-76.78
V2RG407_0 [dBm]	-66.26	-63.91	-65.10	-65.10	-76.58
H2RG335_0 [dBm]	-66.29	-63.60	-64.97	-64.98	-76.48



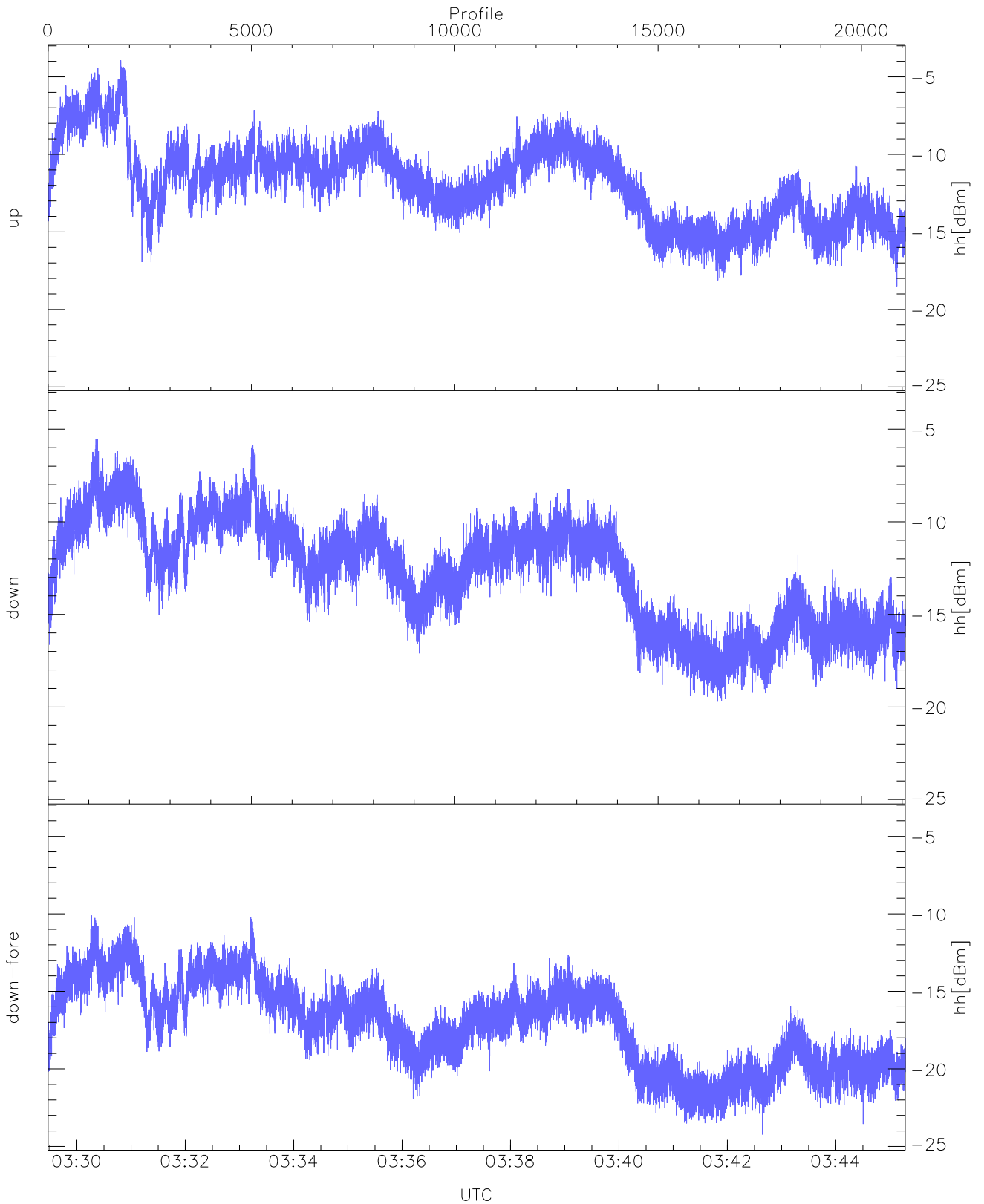
WCR3 CPP Averaged Received power for all recorded gates
blue: 032928-033723, 10540 profiles averaged
red: 033723-034517, 10539 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 032928-033723, 10540 profiles averaged
red: 033723-034517, 10539 profiles averaged

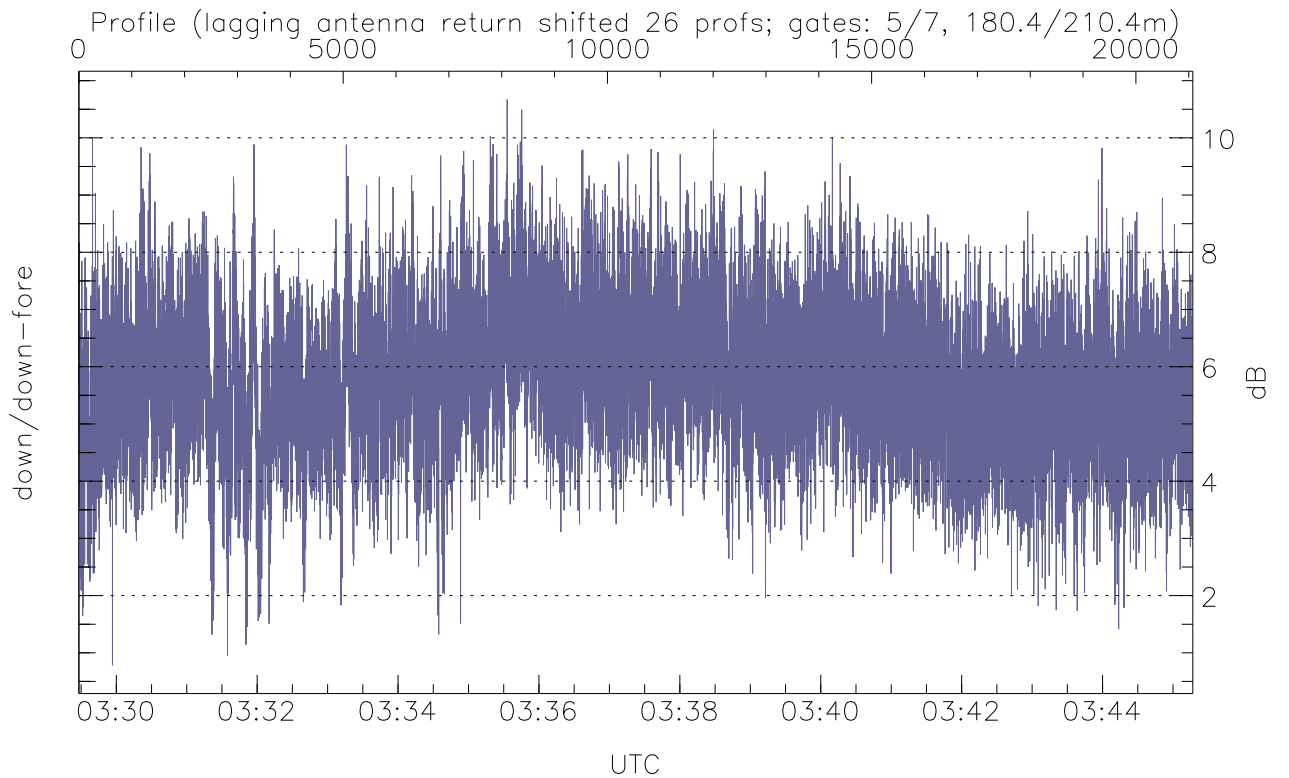
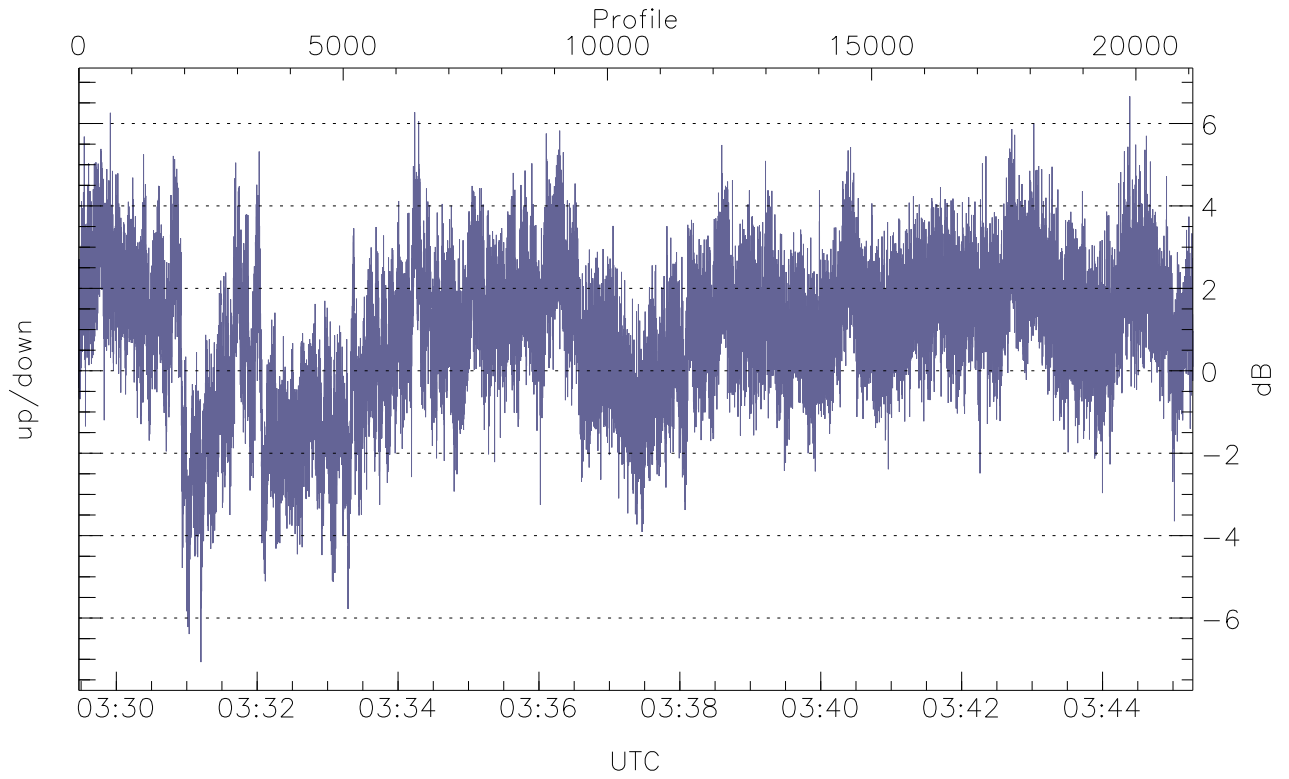


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



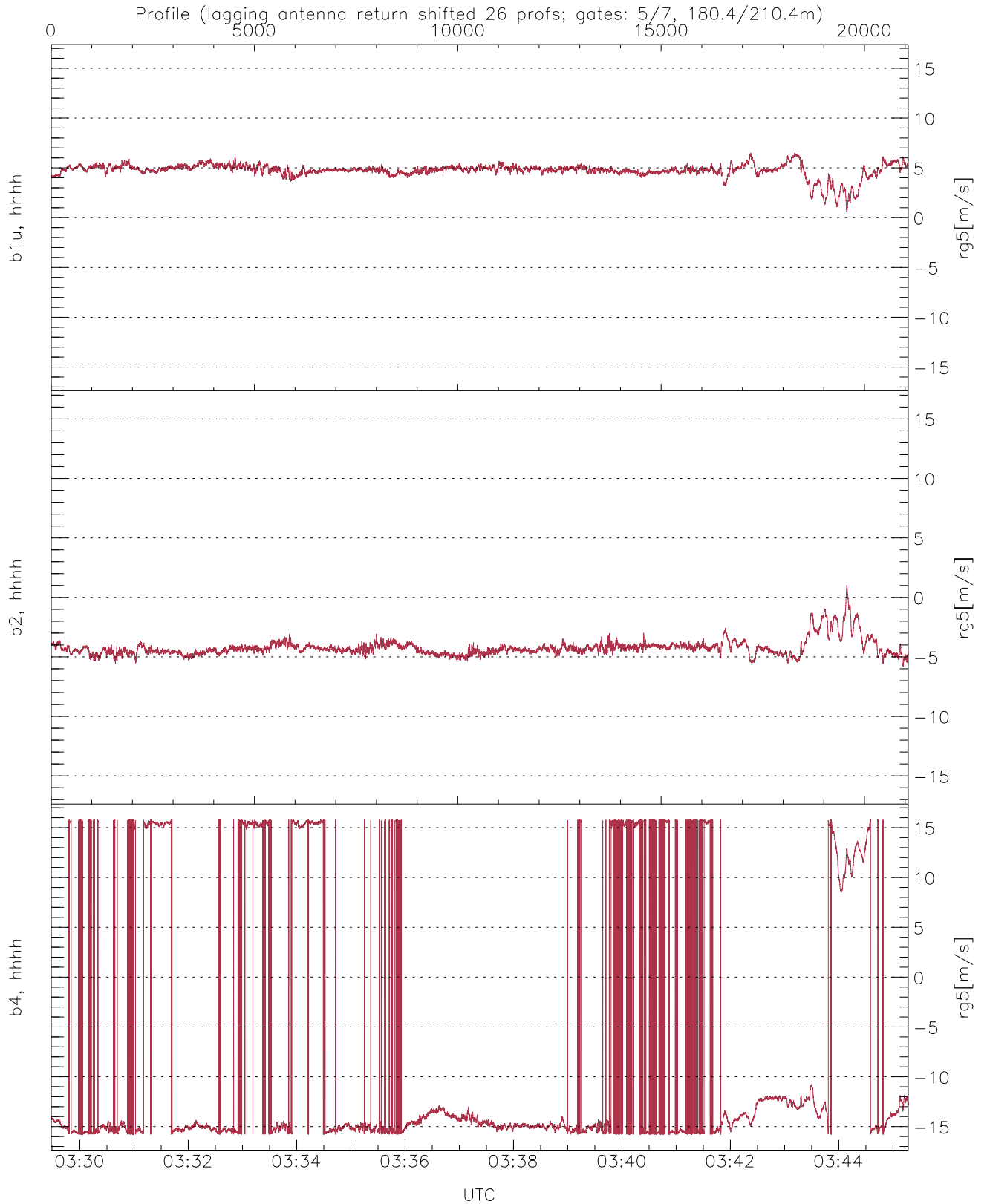
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-18.50	-3.93	-11.09
down(hh[dBm])	-19.71	-5.52	-11.89
down-fore(hh[dBm])	-24.23	-10.11	-16.39



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

	Min	Max	Mean
up/down (dB)	-7.07	6.66	0.94
down/down-fore (dB)	0.78	10.67	5.80



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.54	6.49	4.73	0.70
b2, hhhh(rg5[m/s])	-5.82	1.02	-4.23	0.71
b4, hhhh(rg5[m/s])	-15.79	15.79	-7.57	12.68