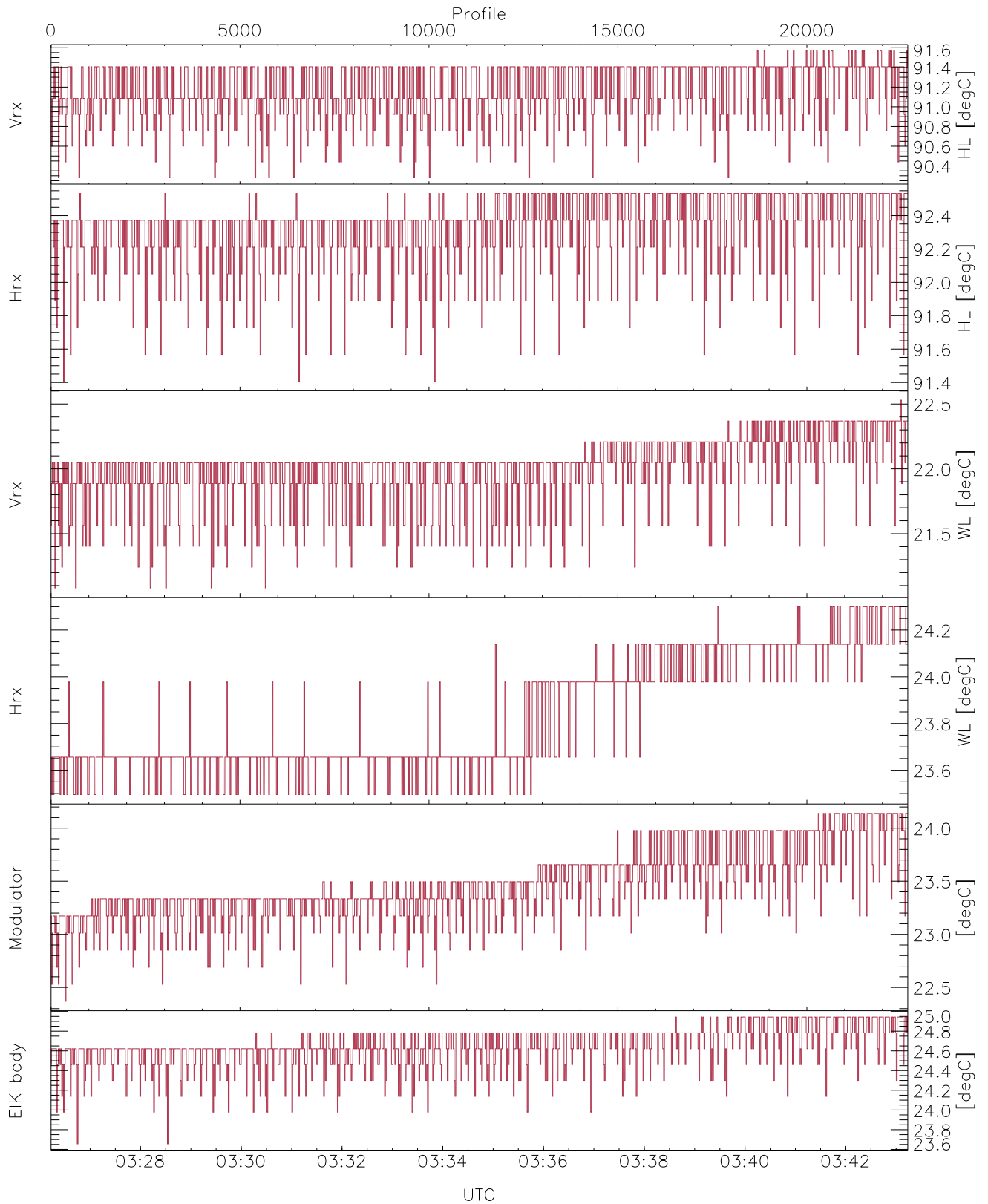


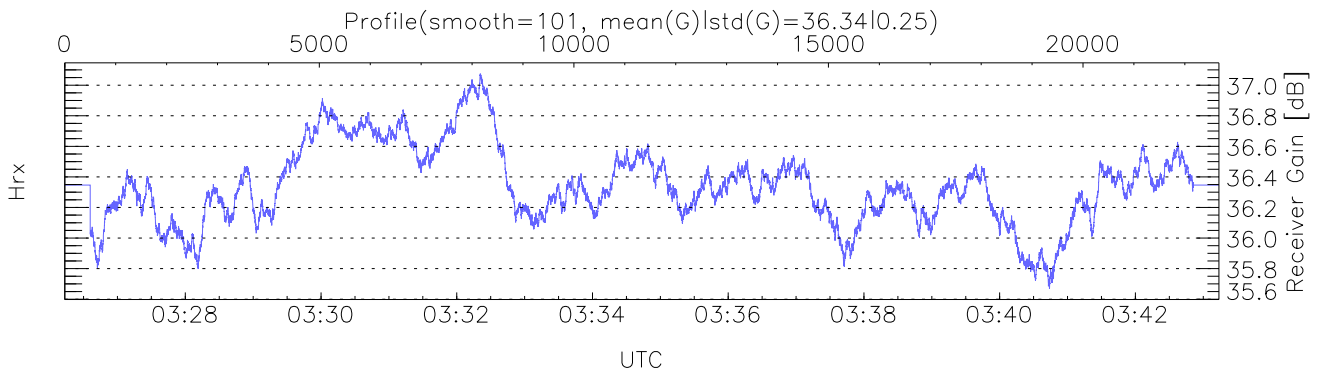
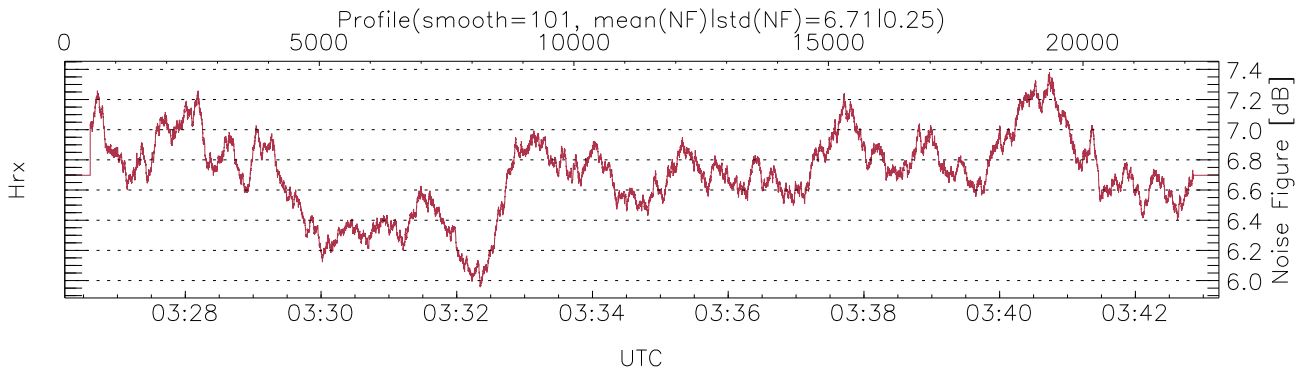
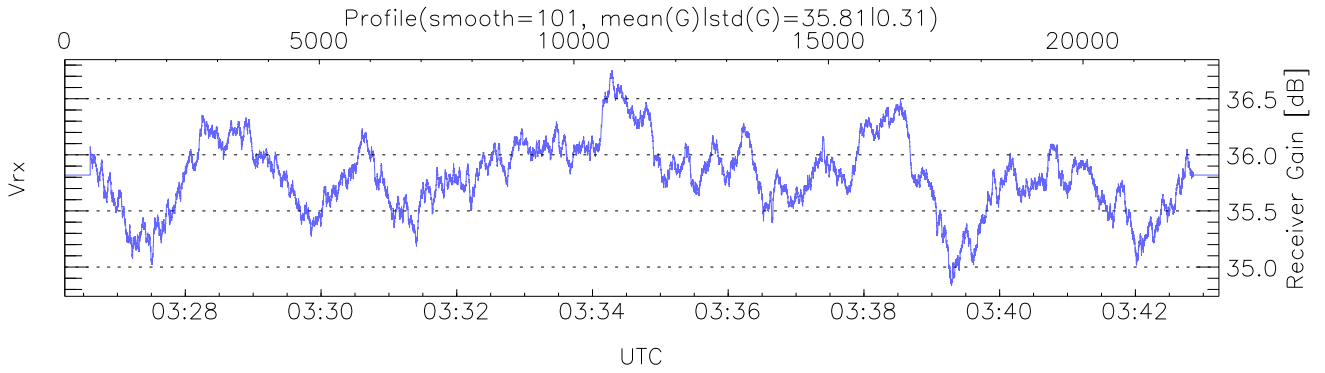
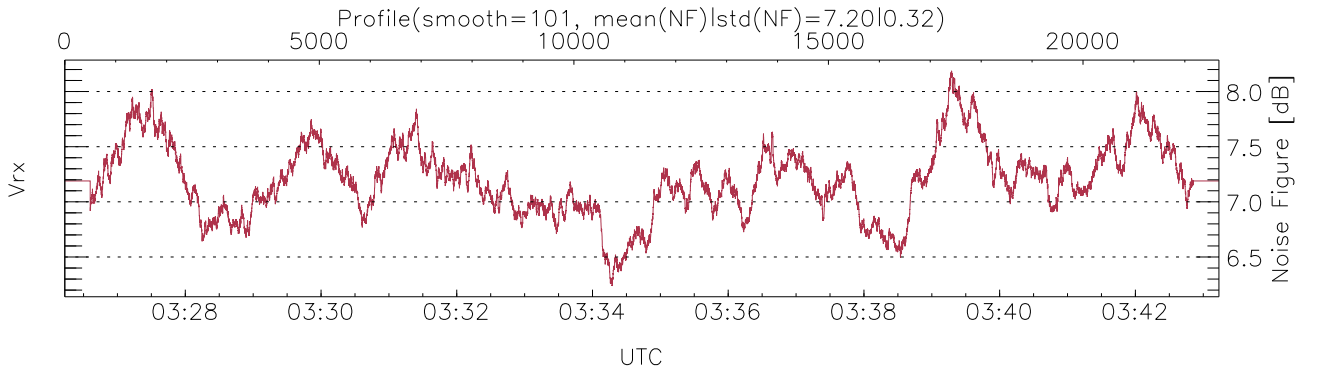
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 03:26:13-03:43:14, 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, 0-22671/03:26:13-03:43:14
 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 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



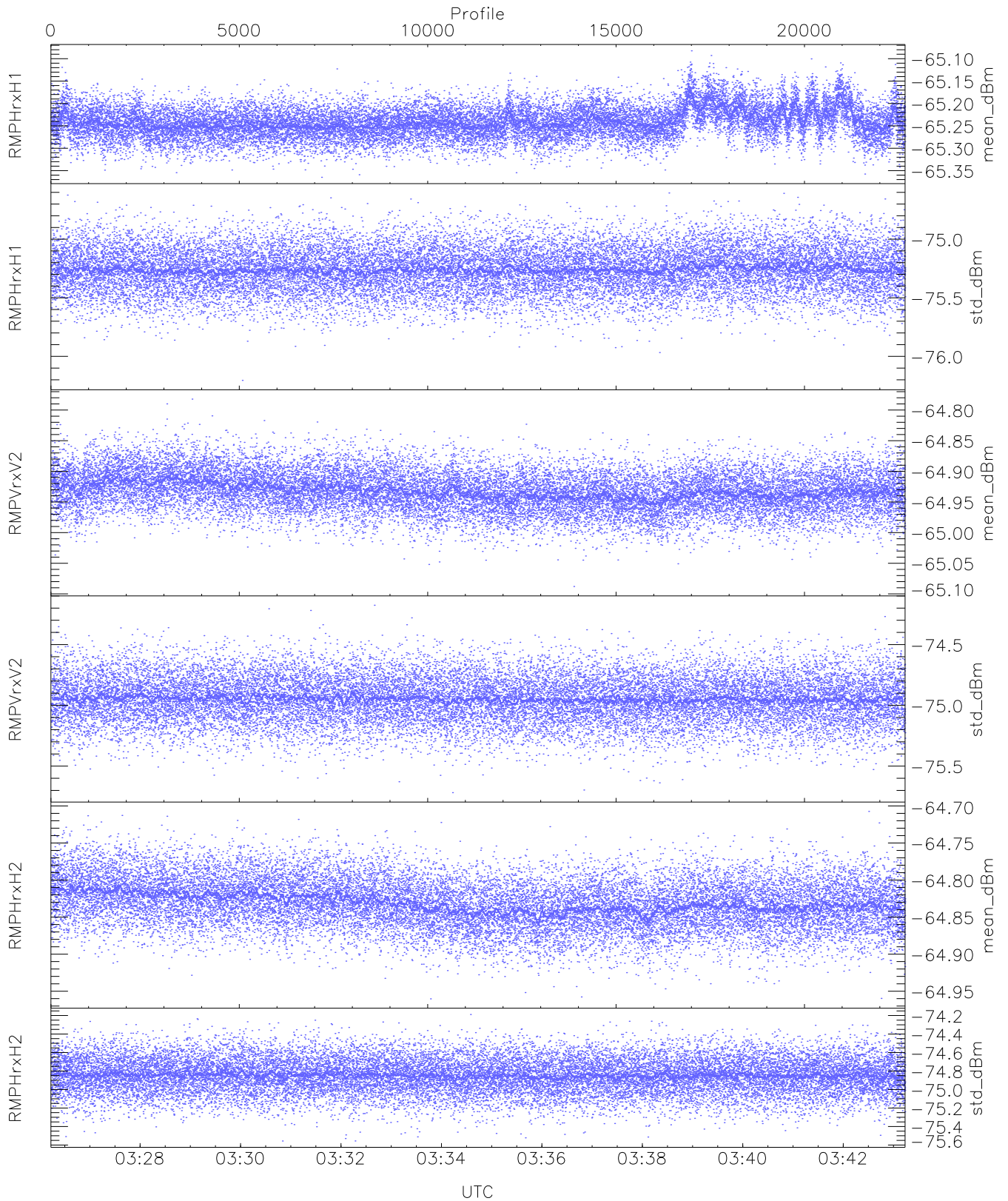
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,23,22,23`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,24,24`
`LOalarm(20,240,2817,14861 MHz): None`
`EIK/Modulator Faults: None`



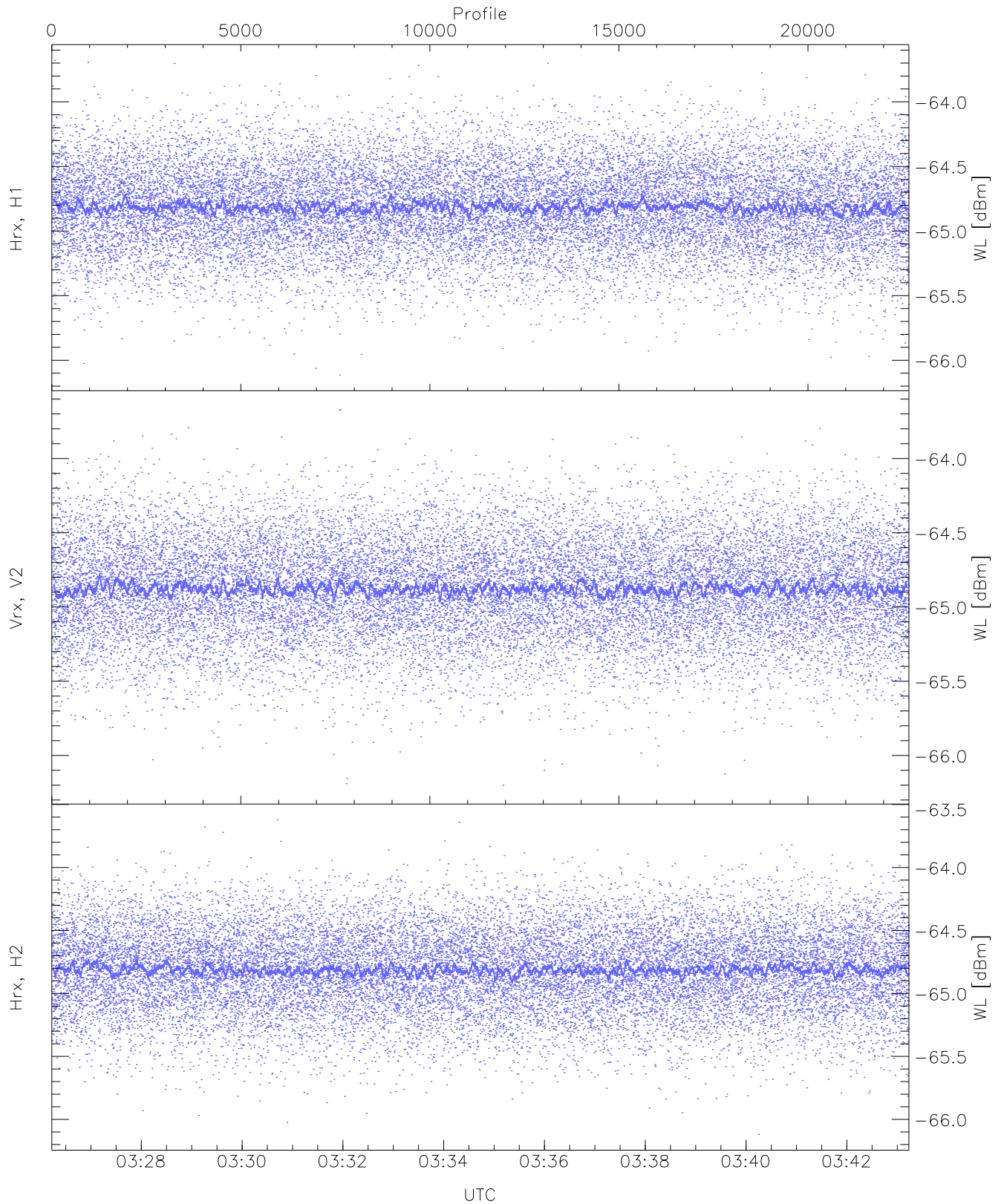
WCR3 CPP Receivers Gain and Noise Figure

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



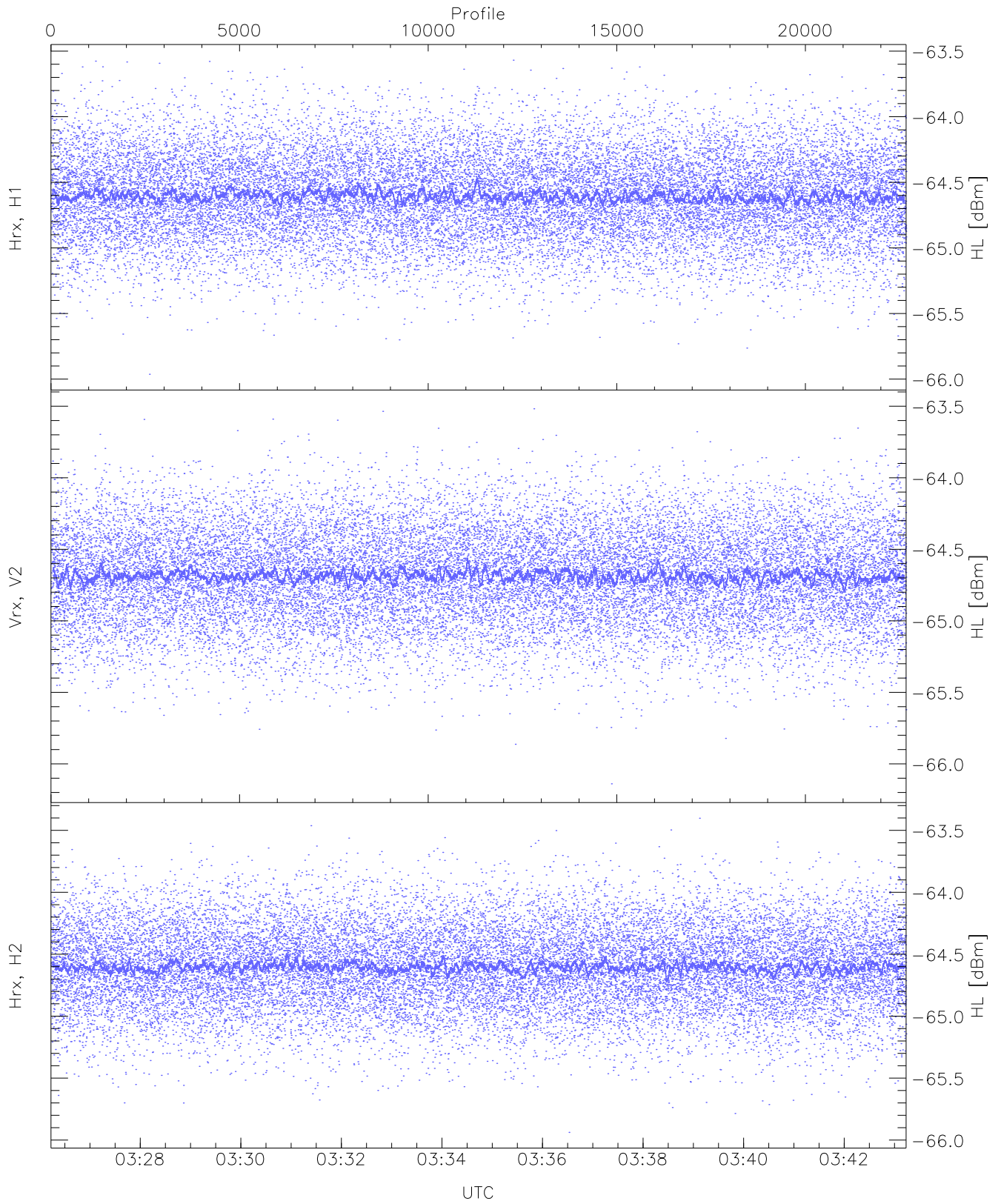
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.36	-65.08	-65.24	-65.24	-86.23
RMPHrxH1(std_dBm)	-76.21	-74.61	-75.26	-75.26	-89.05
RMPVrxV2(mean_dBm)	-65.09	-64.78	-64.93	-64.93	-86.31
RMPVrxV2(std_dBm)	-75.72	-74.18	-74.95	-74.95	-88.74
RMPHrxH2(mean_dBm)	-64.96	-64.71	-64.83	-64.83	-86.17
RMPHrxH2(std_dBm)	-75.56	-74.19	-74.85	-74.85	-88.65



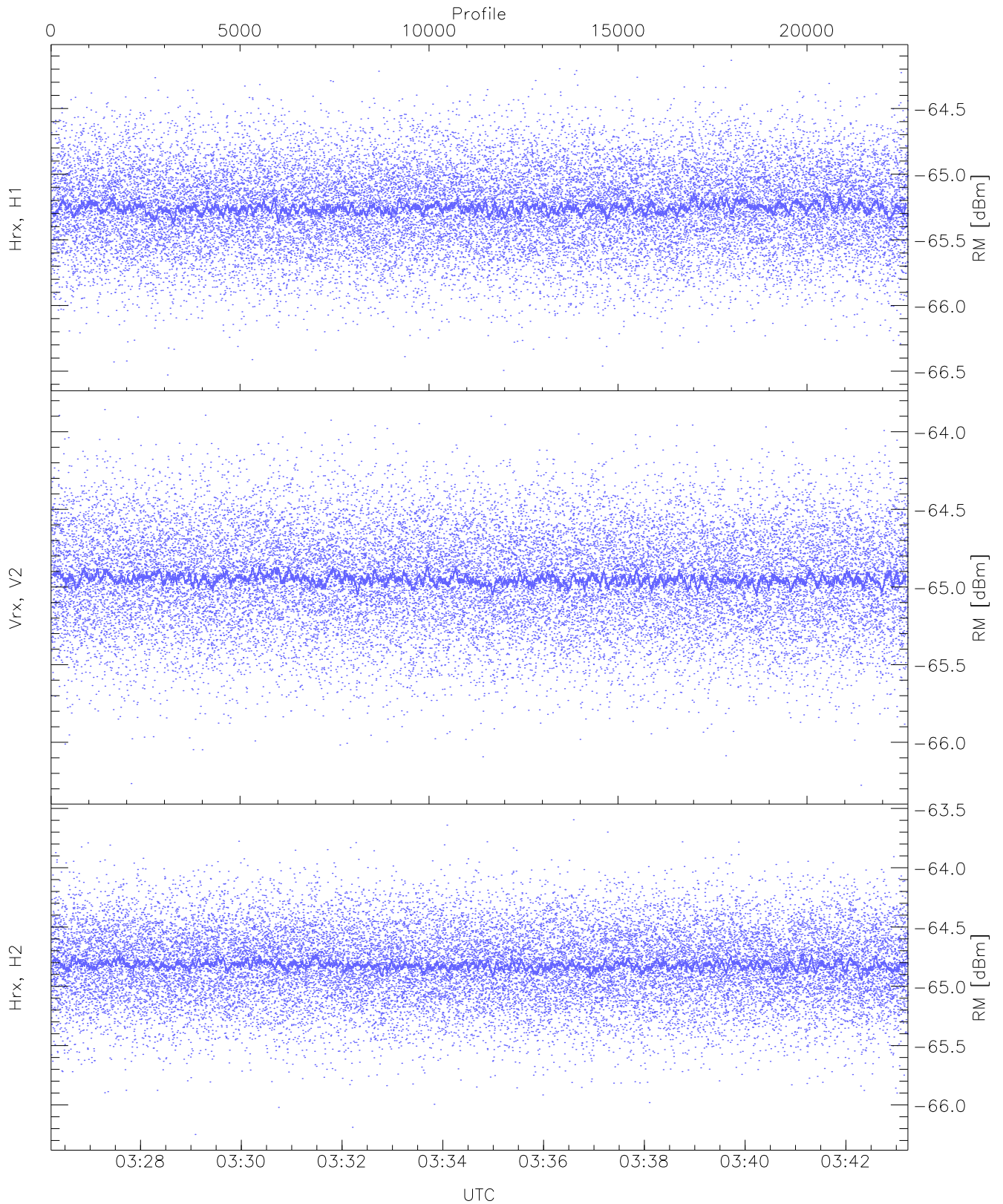
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.11	-63.68	-64.81	-64.82	-76.30
Vrx, V2(WL [dBm])	-66.20	-63.67	-64.87	-64.87	-76.36
Hrx, H2(WL [dBm])	-66.12	-63.62	-64.81	-64.81	-76.34



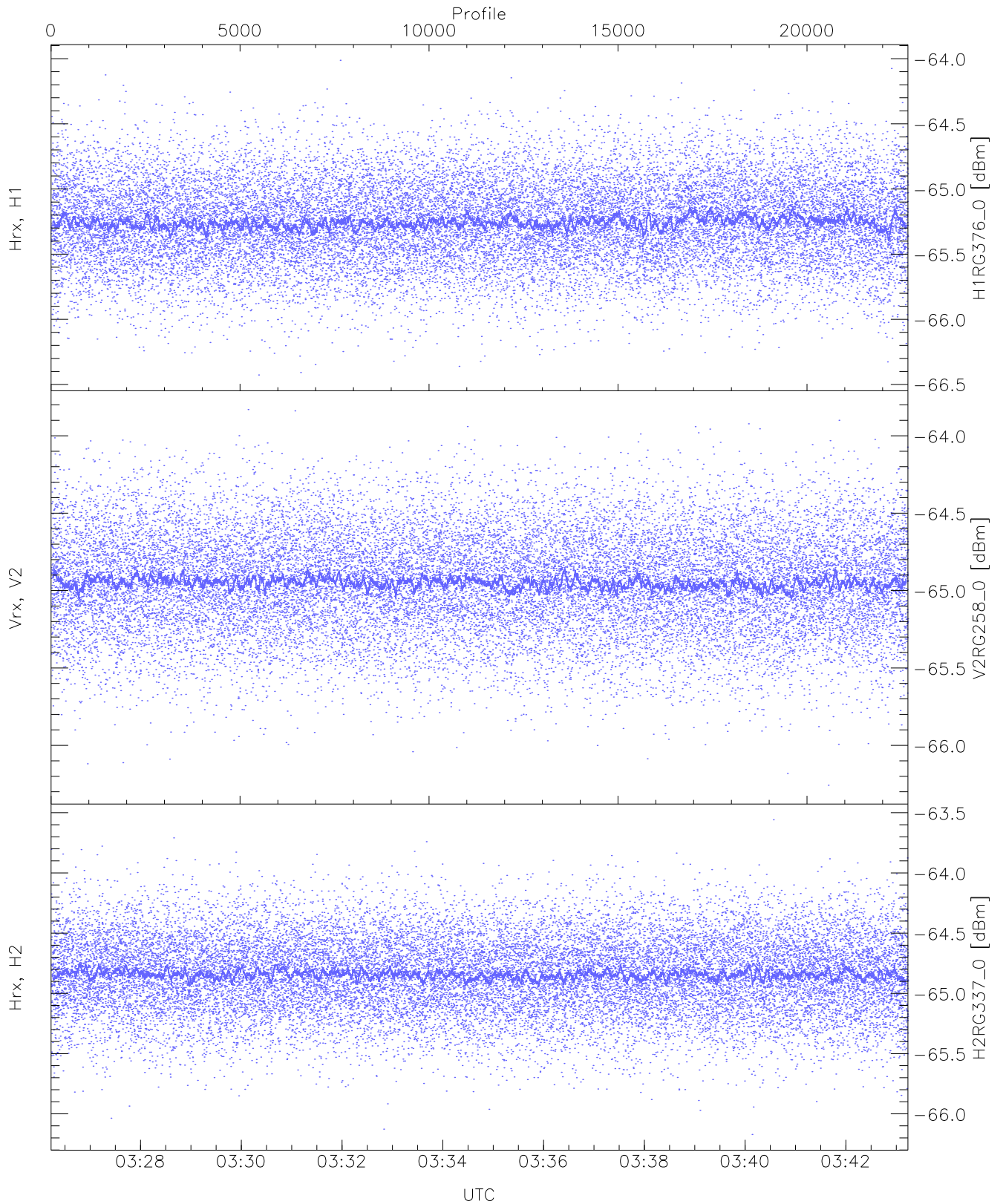
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.96	-63.57	-64.60	-64.61	-76.13
Vrx, V2 (HL [dBm])	-66.14	-63.52	-64.68	-64.68	-76.20
Hrx, H2 (HL [dBm])	-65.94	-63.40	-64.60	-64.61	-76.08



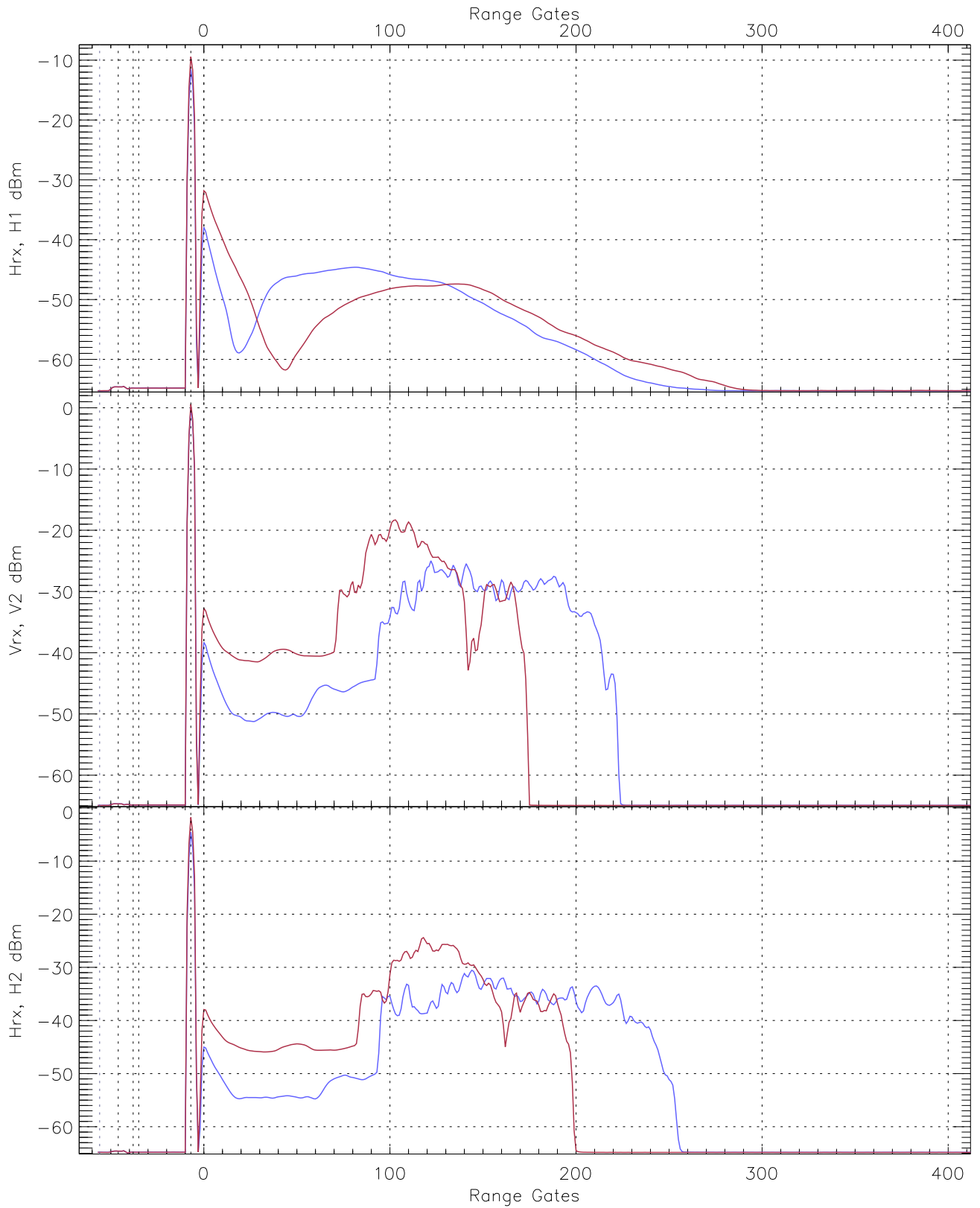
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.53	-64.13	-65.25	-65.25	-76.74
Vrx, V2 (RM [dBm])	-66.28	-63.86	-64.94	-64.95	-76.44
Hrx, H2 (RM [dBm])	-66.25	-63.60	-64.81	-64.82	-76.31

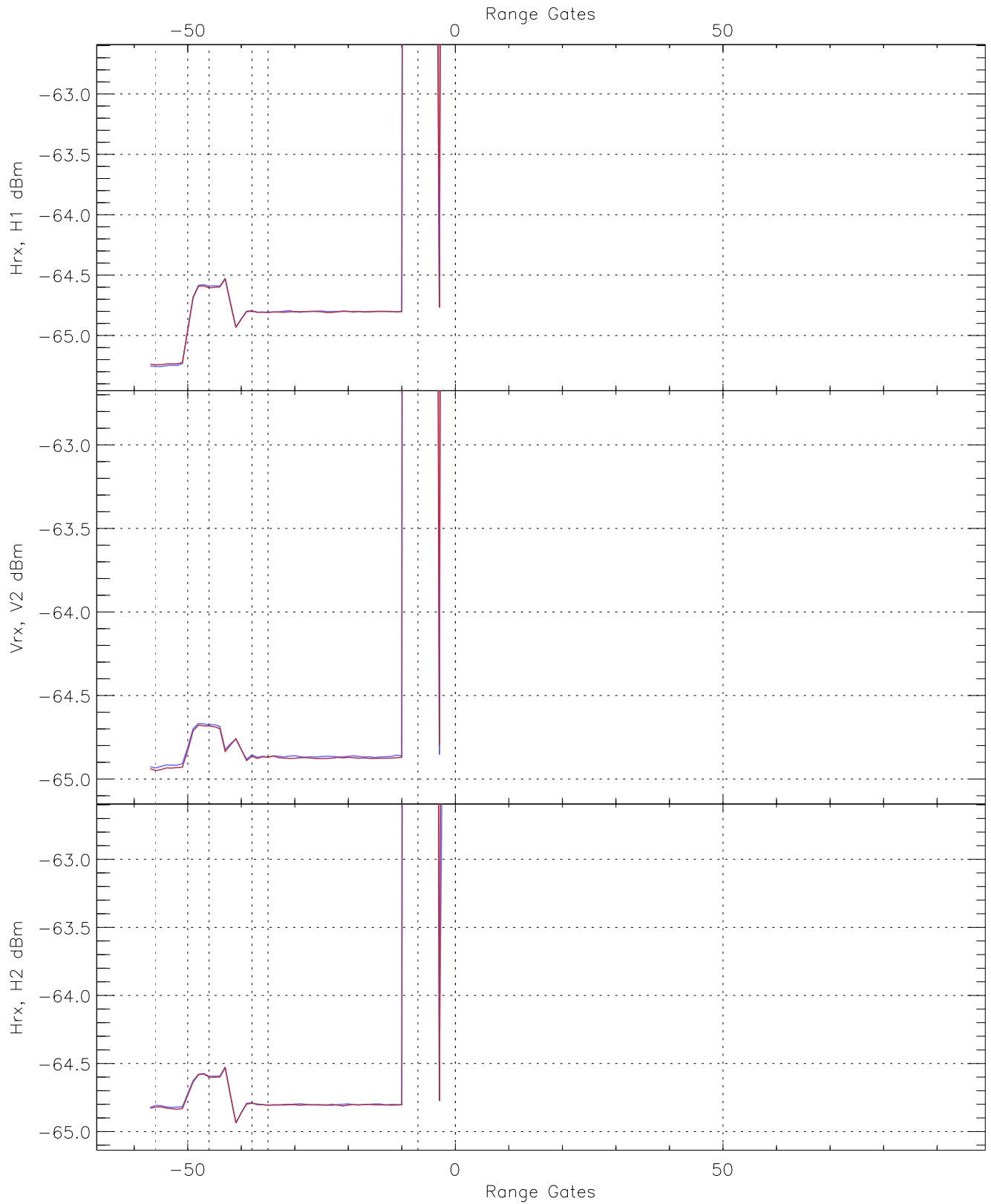


WCR3 CPP "Best" estimate Receivers Noise Power

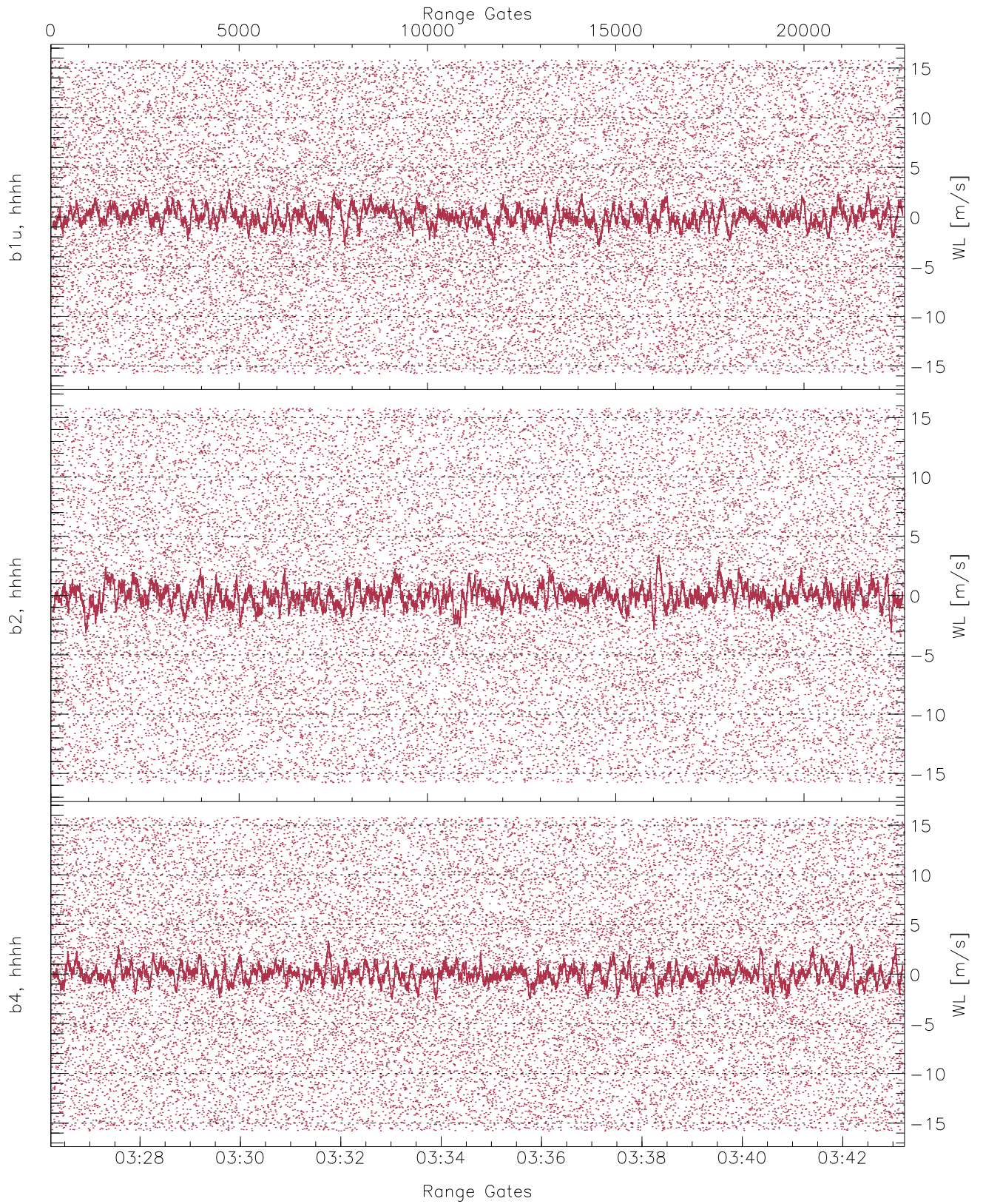
	Min	Max	Mean	Median	StDev
H1RG376_0 [dBm]	-66.43	-64.01	-65.25	-65.26	-76.74
V2RG258_0 [dBm]	-66.26	-63.83	-64.94	-64.95	-76.42
H2RG337_0 [dBm]	-66.17	-63.56	-64.84	-64.84	-76.33



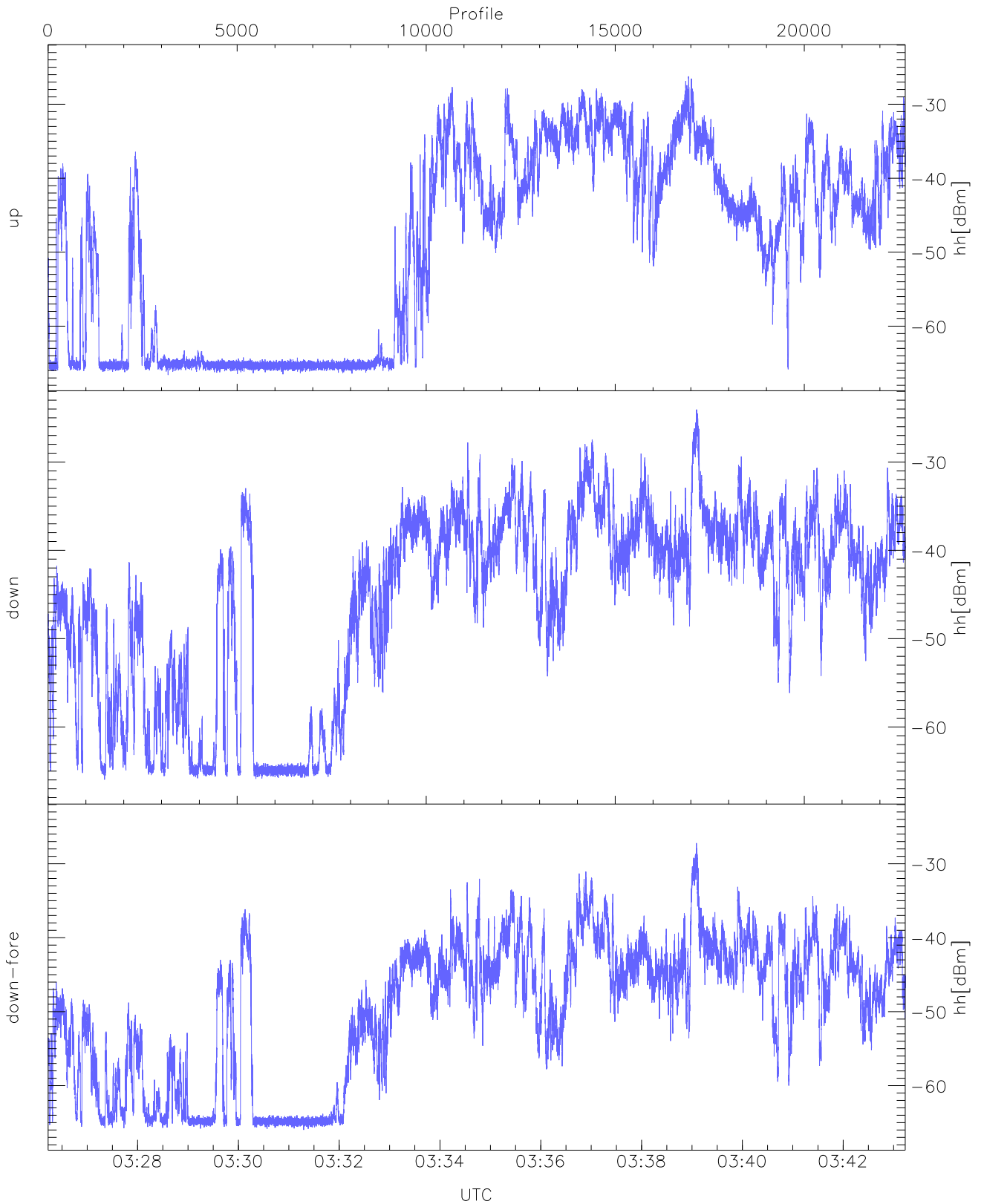
WCR3 CPP Averaged Received power for all recorded gates
blue: 032613-033444, 11337 profiles averaged
red: 033444-034314, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 032613-033444, 11337 profiles averaged
red: 033444-034314, 11336 profiles averaged

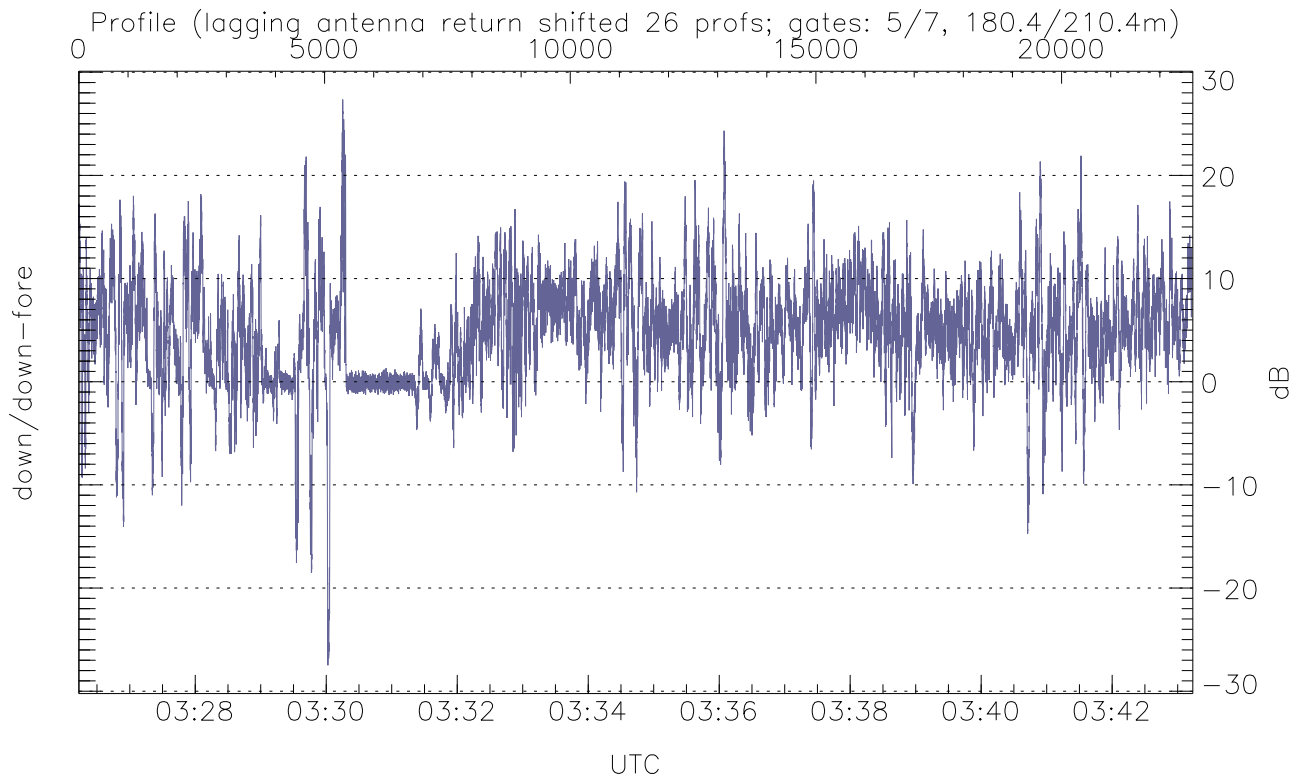
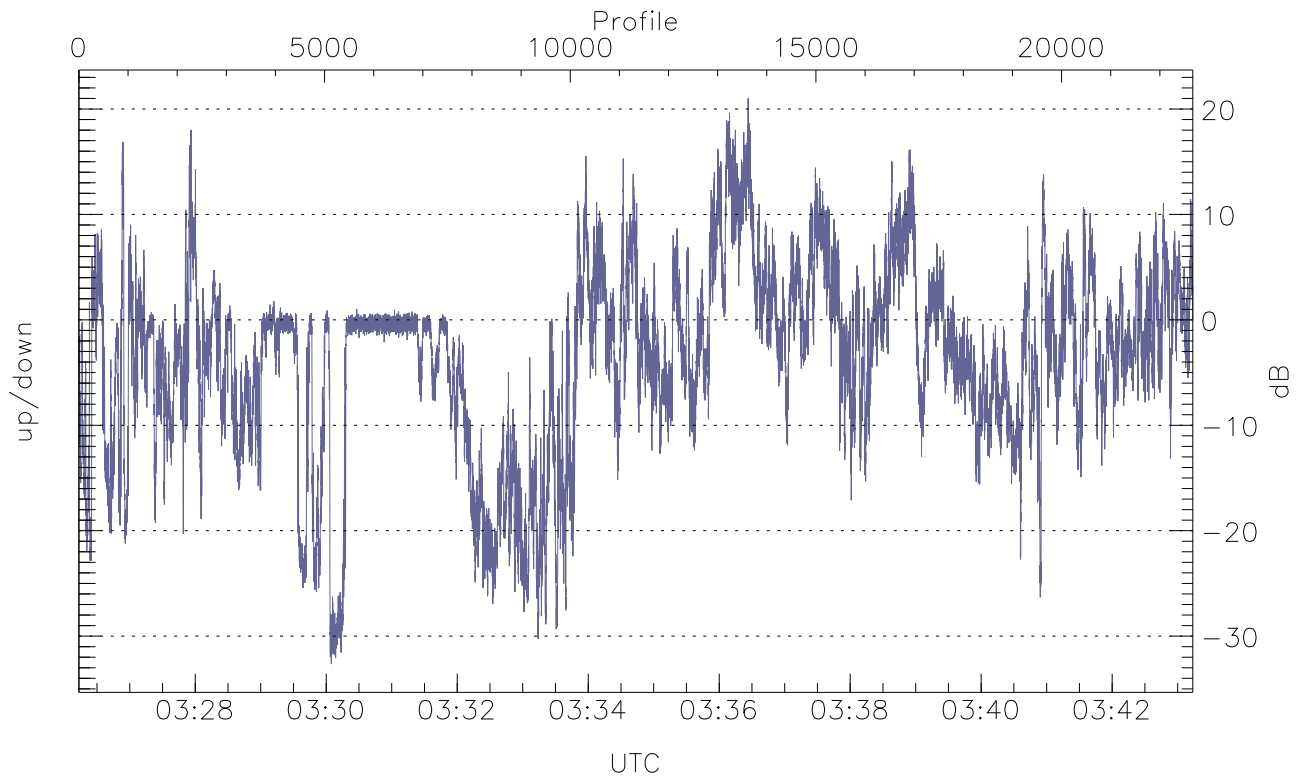


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



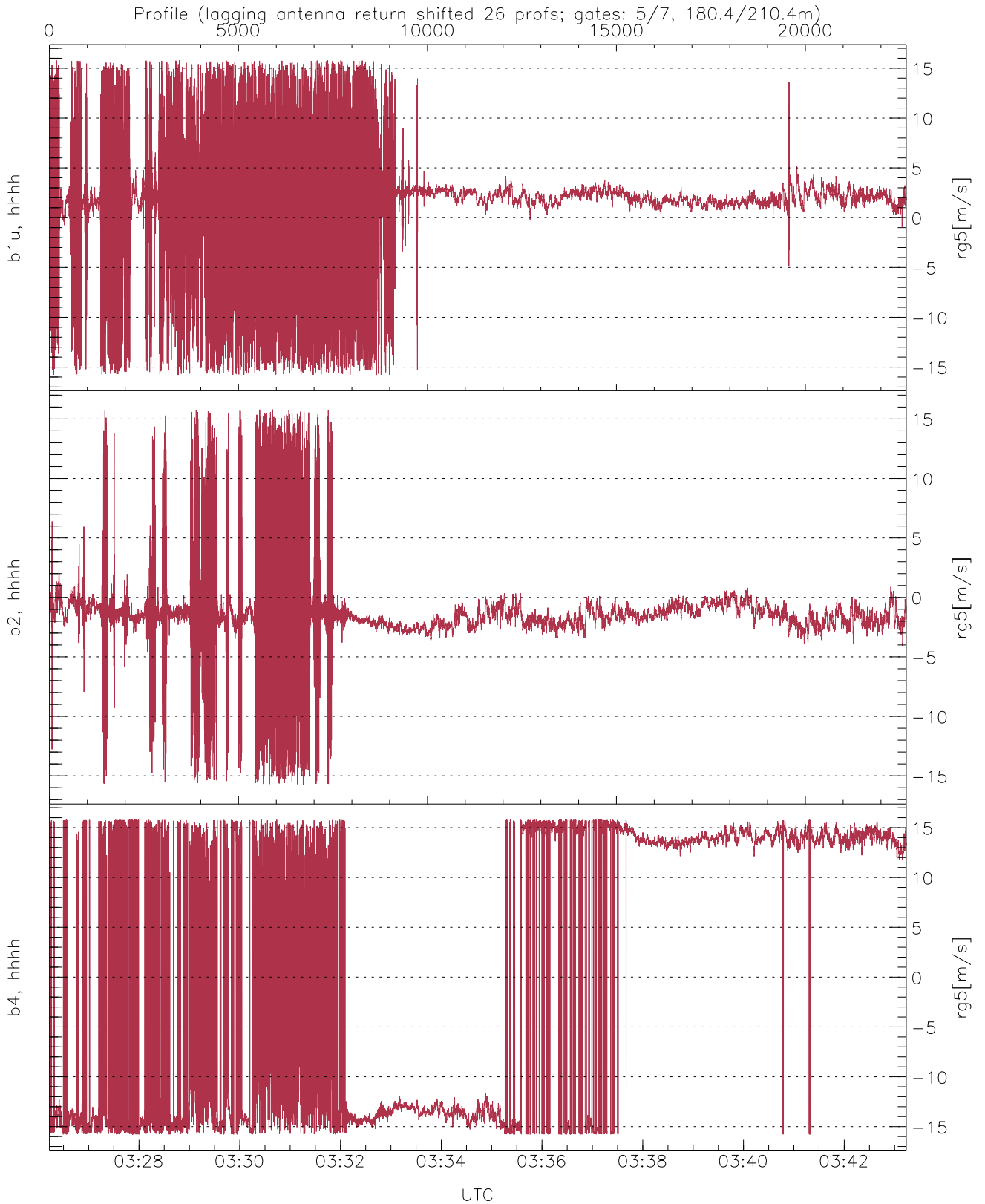
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.60	-26.23	-38.37
down(hh[dBm])	-65.96	-24.06	-38.68
down-fore(hh[dBm])	-65.98	-27.21	-43.10



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

	Min	Max	Mean
up/down (dB)	-32.65	21.01	-3.57
down/down-fore (dB)	-27.49	27.36	4.73



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.44	5.00
b2, hhhh(rg5[m/s])	-15.77	15.79	-1.38	3.02
b4, hhhh(rg5[m/s])	-15.79	15.79	0.76	13.53