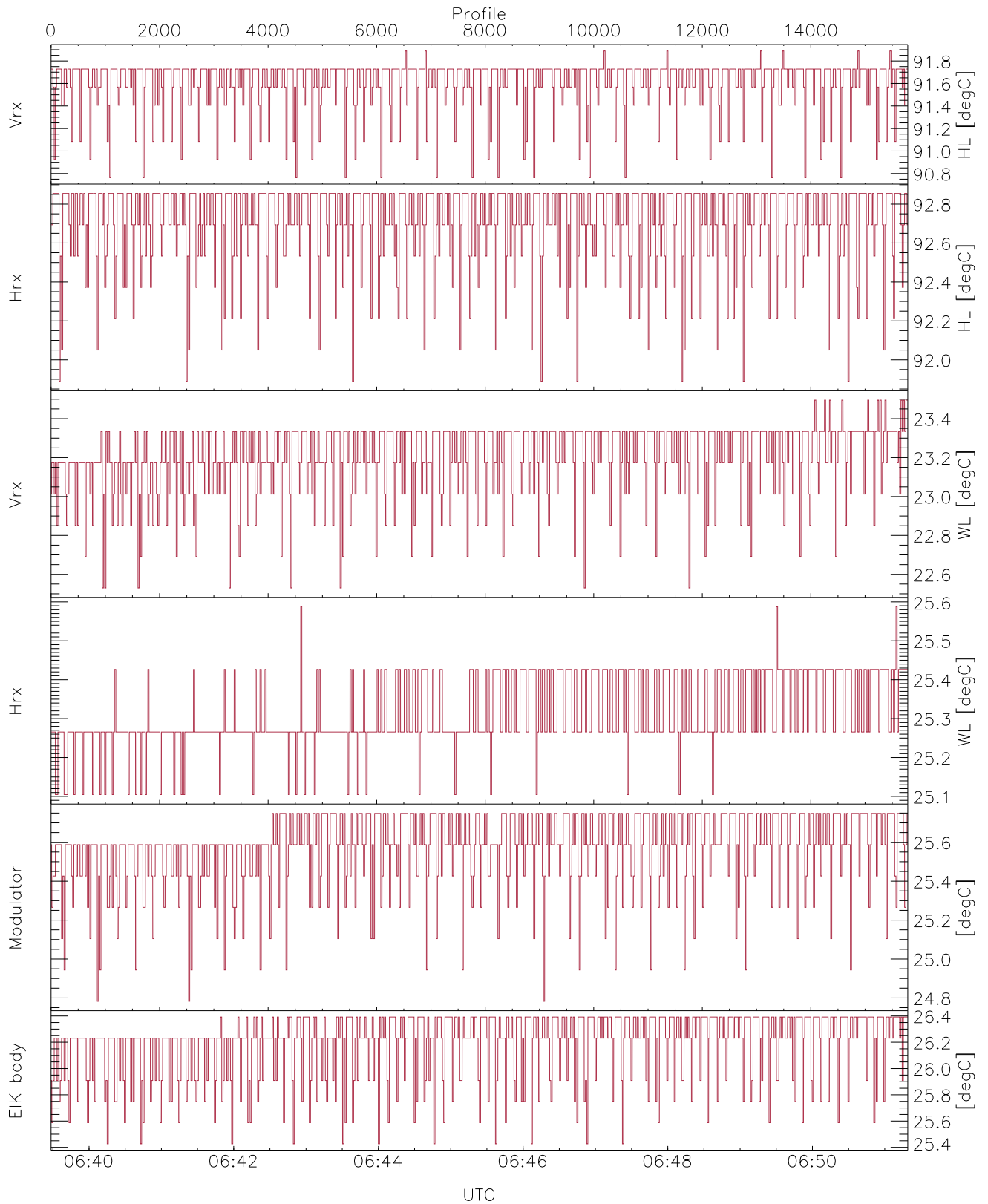


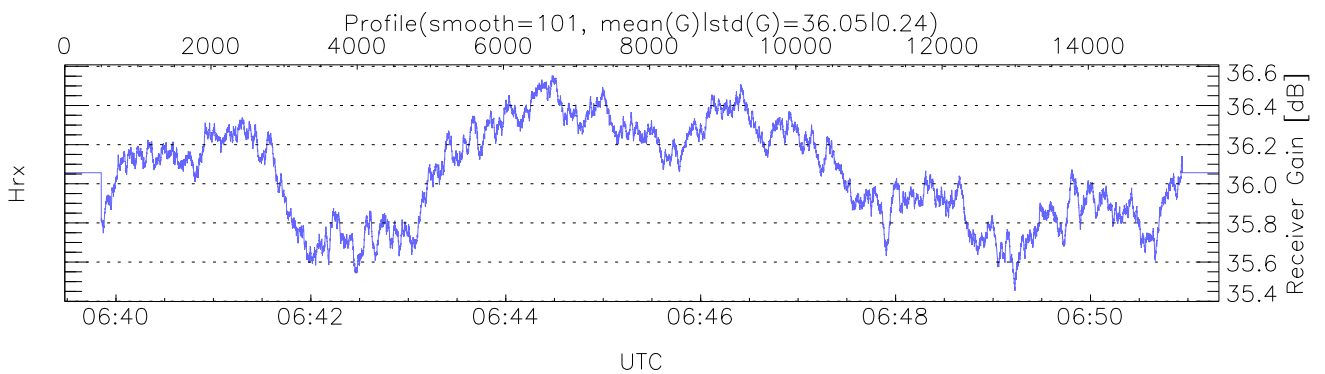
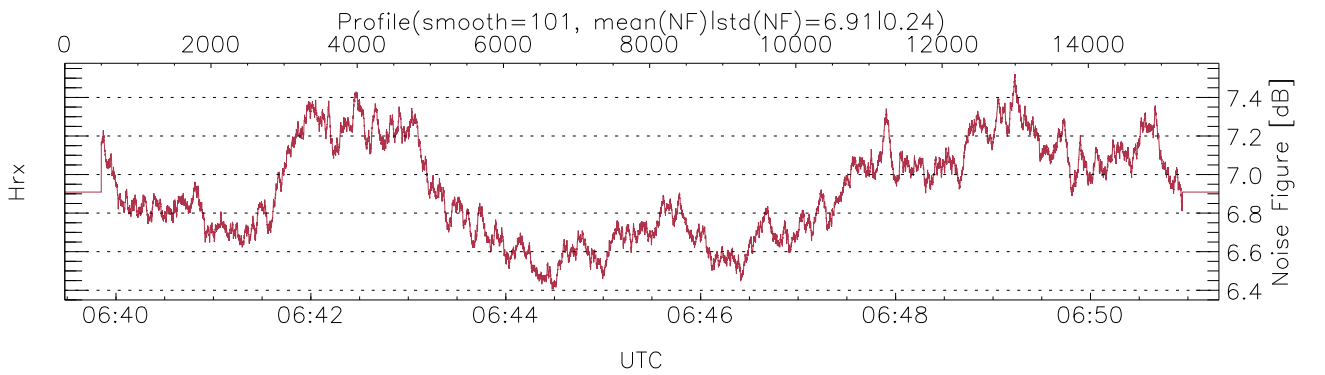
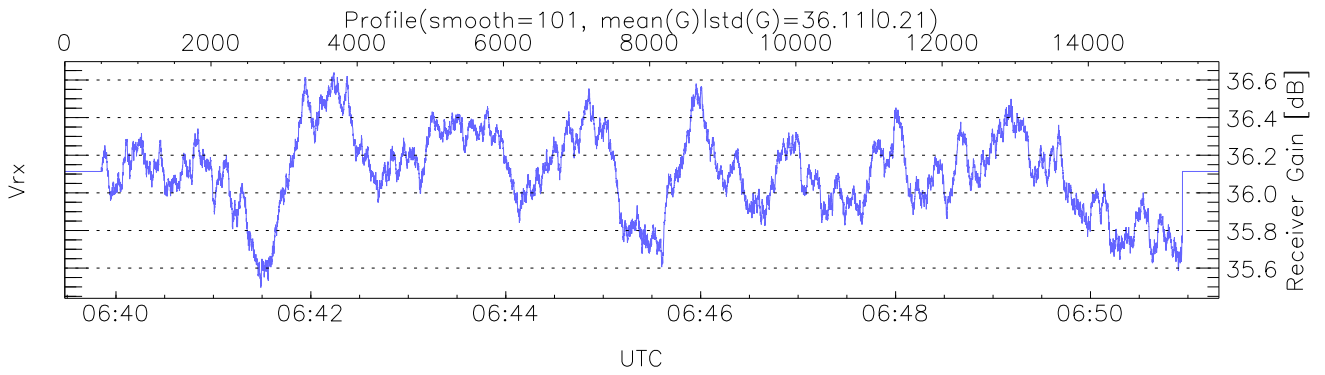
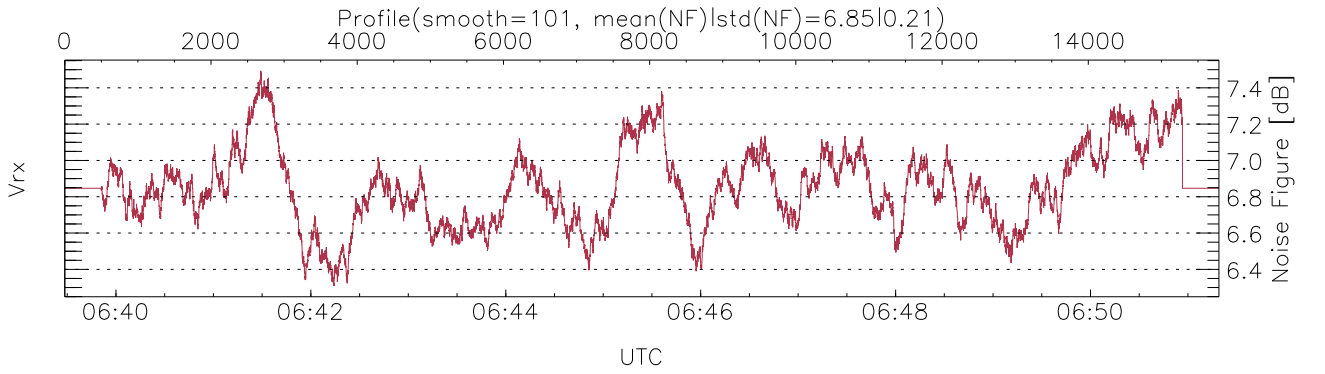
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 06:39:28-06:51:19, TimeCor: 0.00s, Dur: 710.59s
 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): 15788/15788, 0-15787/06:39:28-06:51:19
 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



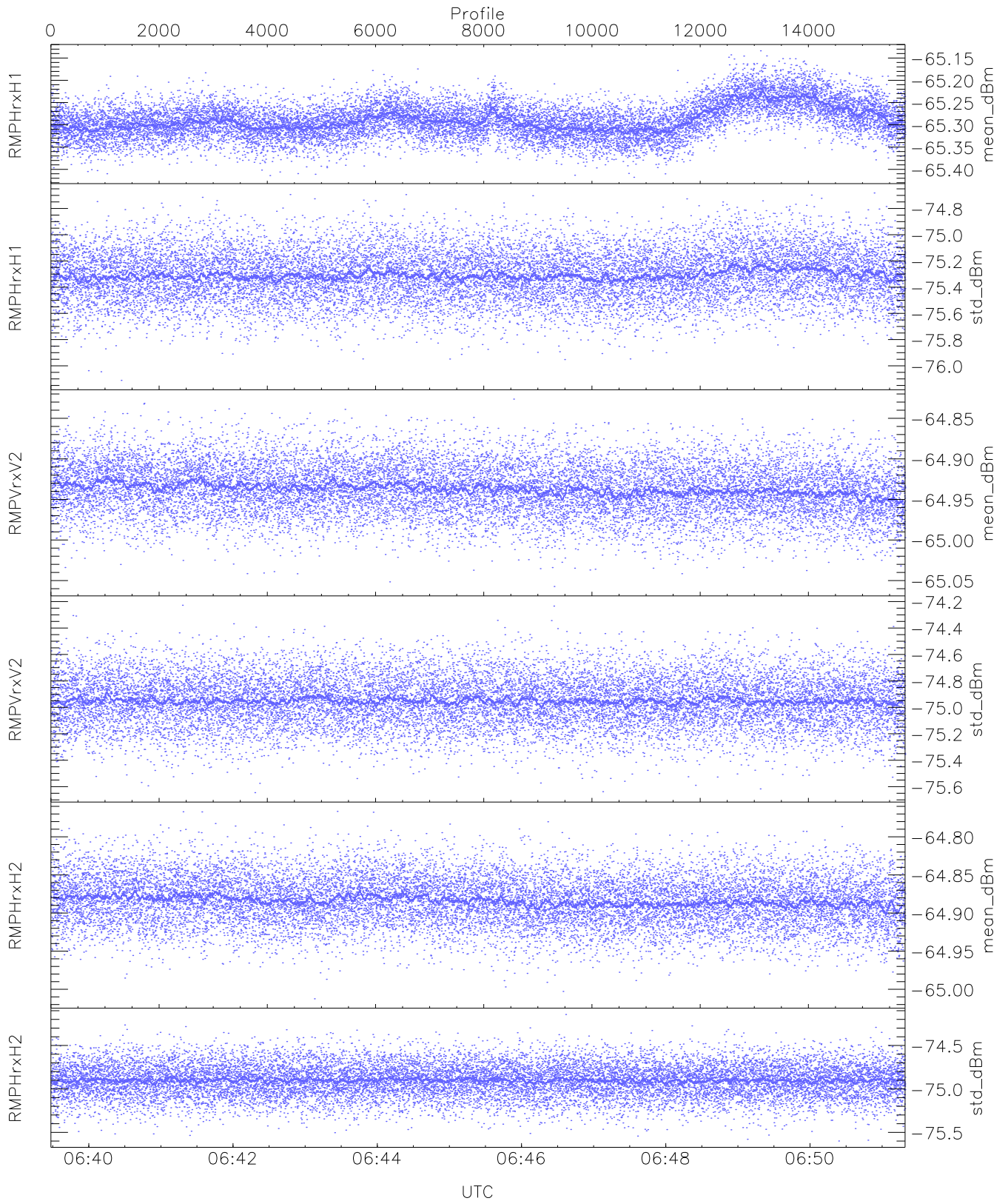
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



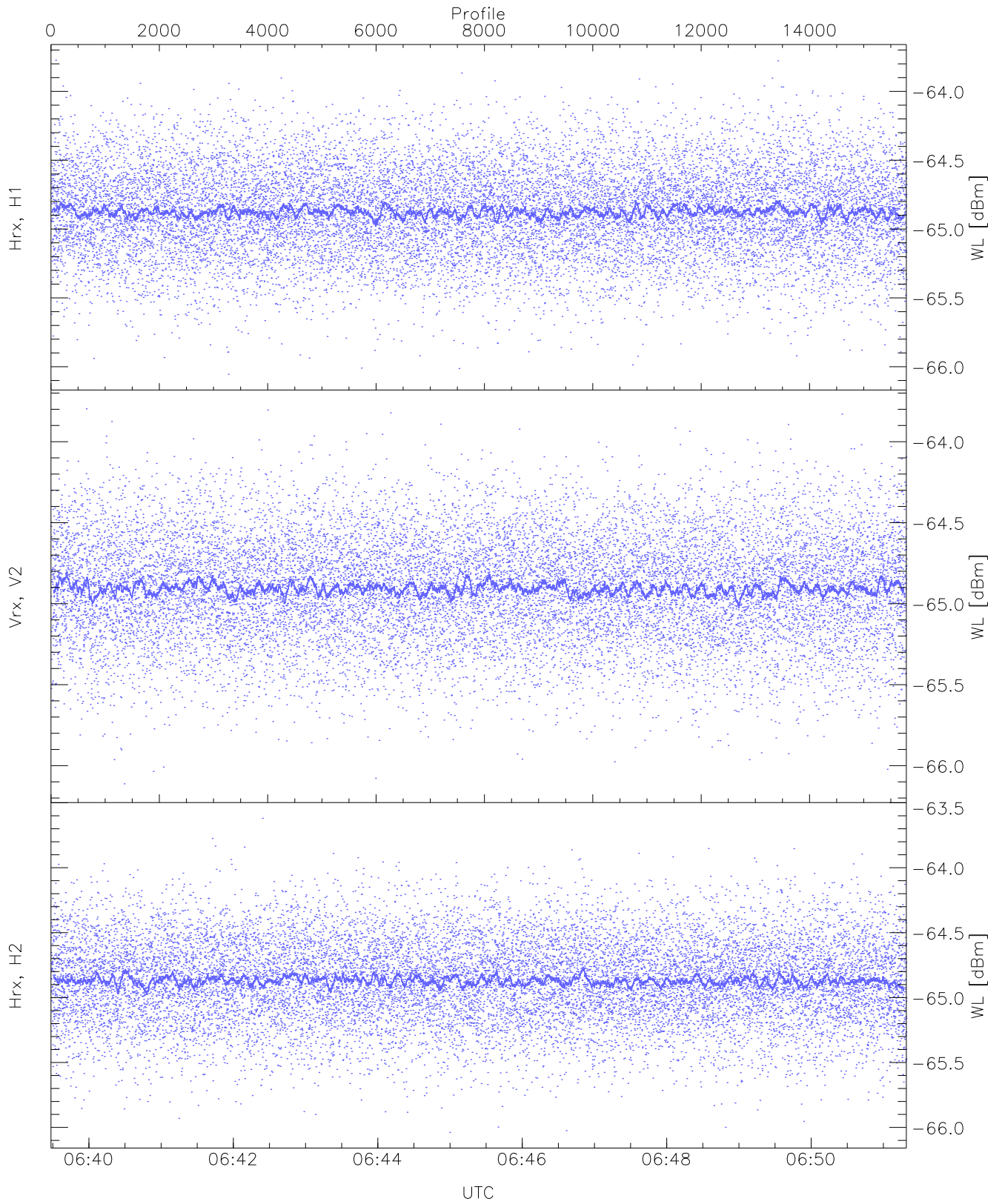
WCR3 CPP Receivers Gain and Noise Figure

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



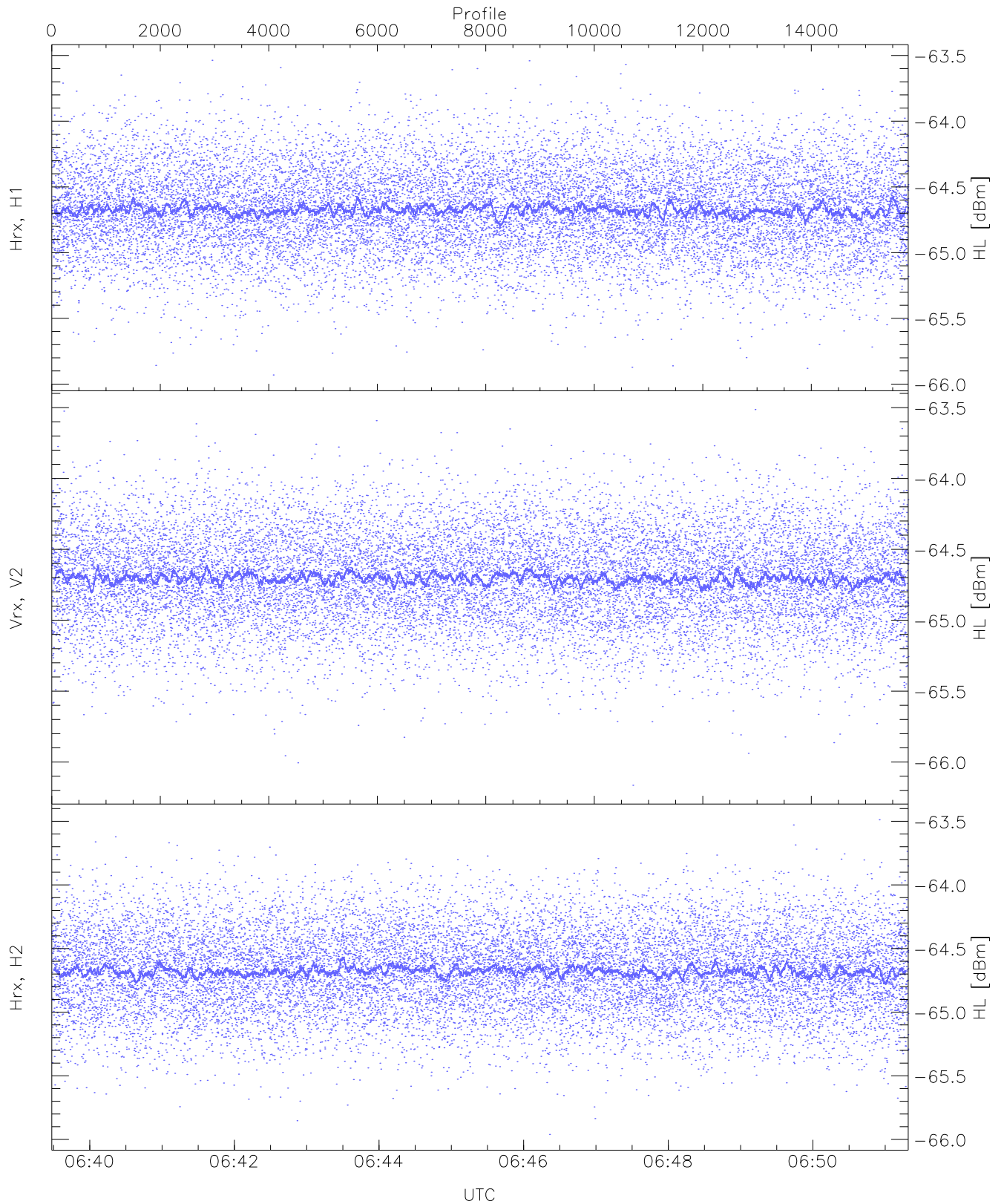
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.42	-65.13	-65.29	-65.29	-85.85
RMPHrxH1(std_dBm)	-76.11	-74.68	-75.31	-75.31	-89.06
RMPVrxV2(mean_dBm)	-65.06	-64.83	-64.94	-64.94	-86.53
RMPVrxV2(std_dBm)	-75.65	-74.23	-74.95	-74.95	-88.78
RMPHrxH2(mean_dBm)	-65.01	-64.77	-64.88	-64.88	-86.41
RMPHrxH2(std_dBm)	-75.60	-74.14	-74.90	-74.90	-88.68



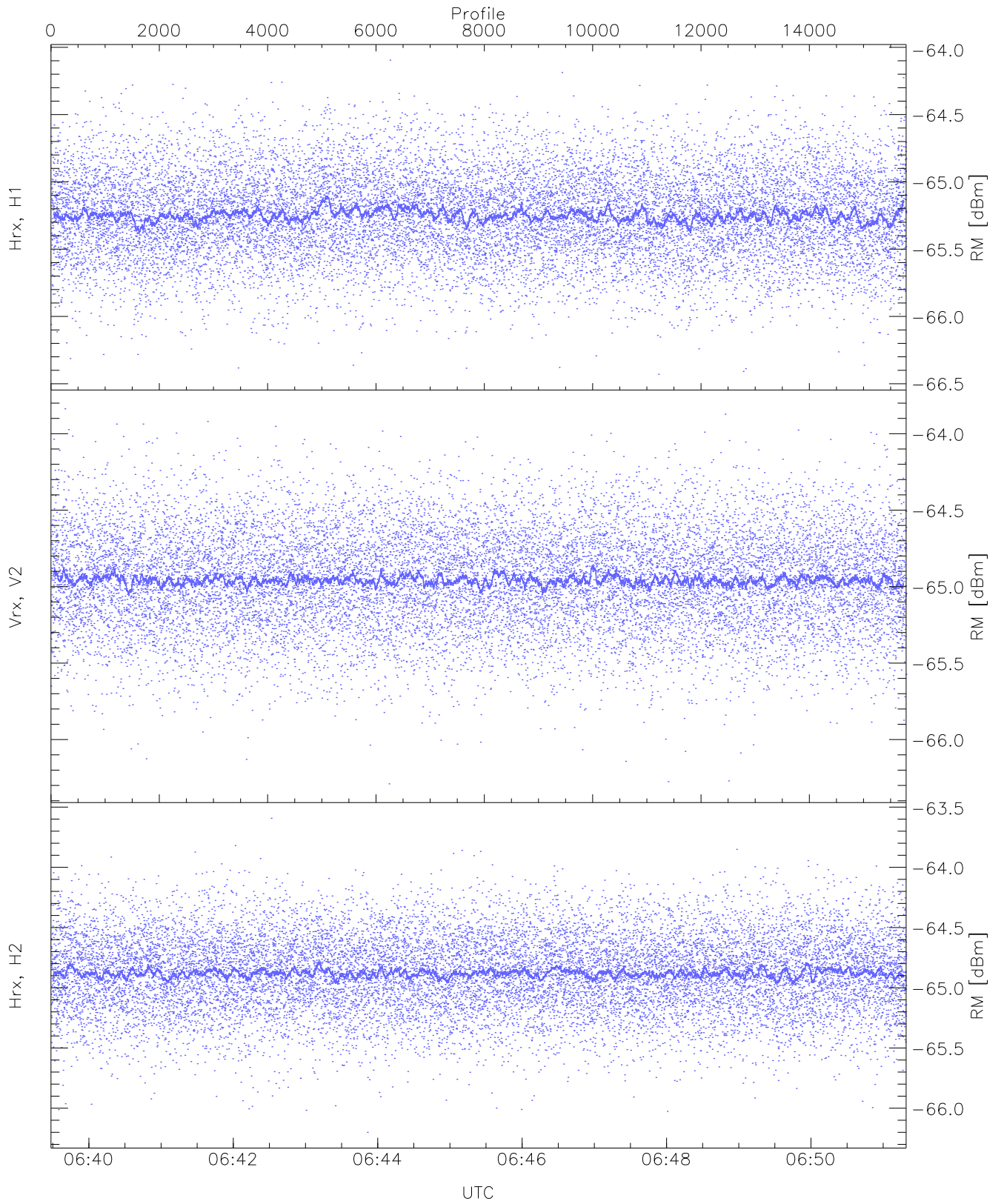
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.06	-63.77	-64.87	-64.88	-76.37
Vrx, V2 (WL [dBm])	-66.11	-63.80	-64.90	-64.90	-76.39
Hrx, H2 (WL [dBm])	-66.04	-63.62	-64.86	-64.87	-76.36



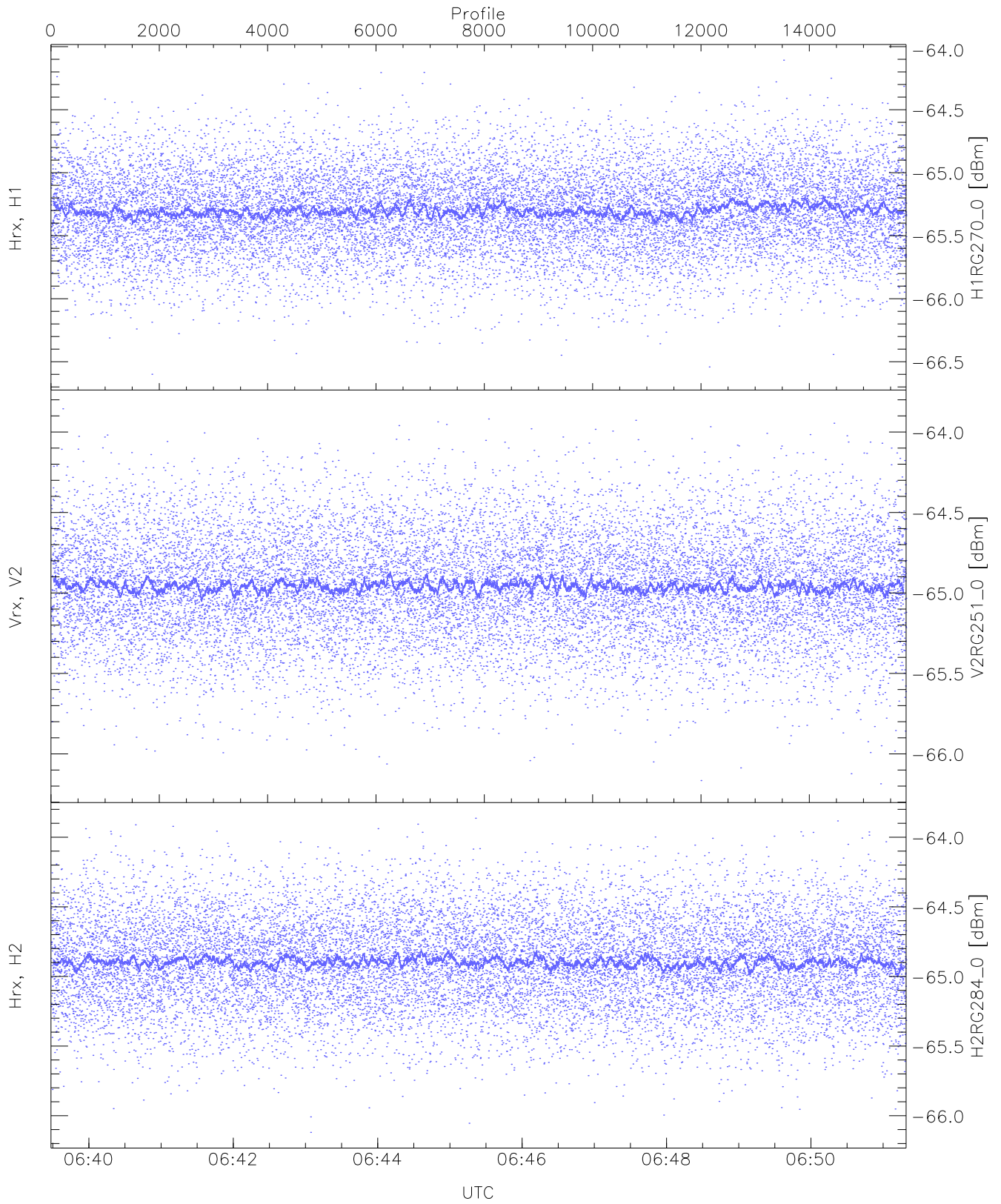
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.93	-63.54	-64.67	-64.68	-76.16
Vrx, V2 (HL [dBm])	-66.16	-63.51	-64.70	-64.71	-76.16
Hrx, H2 (HL [dBm])	-65.96	-63.49	-64.67	-64.68	-76.16



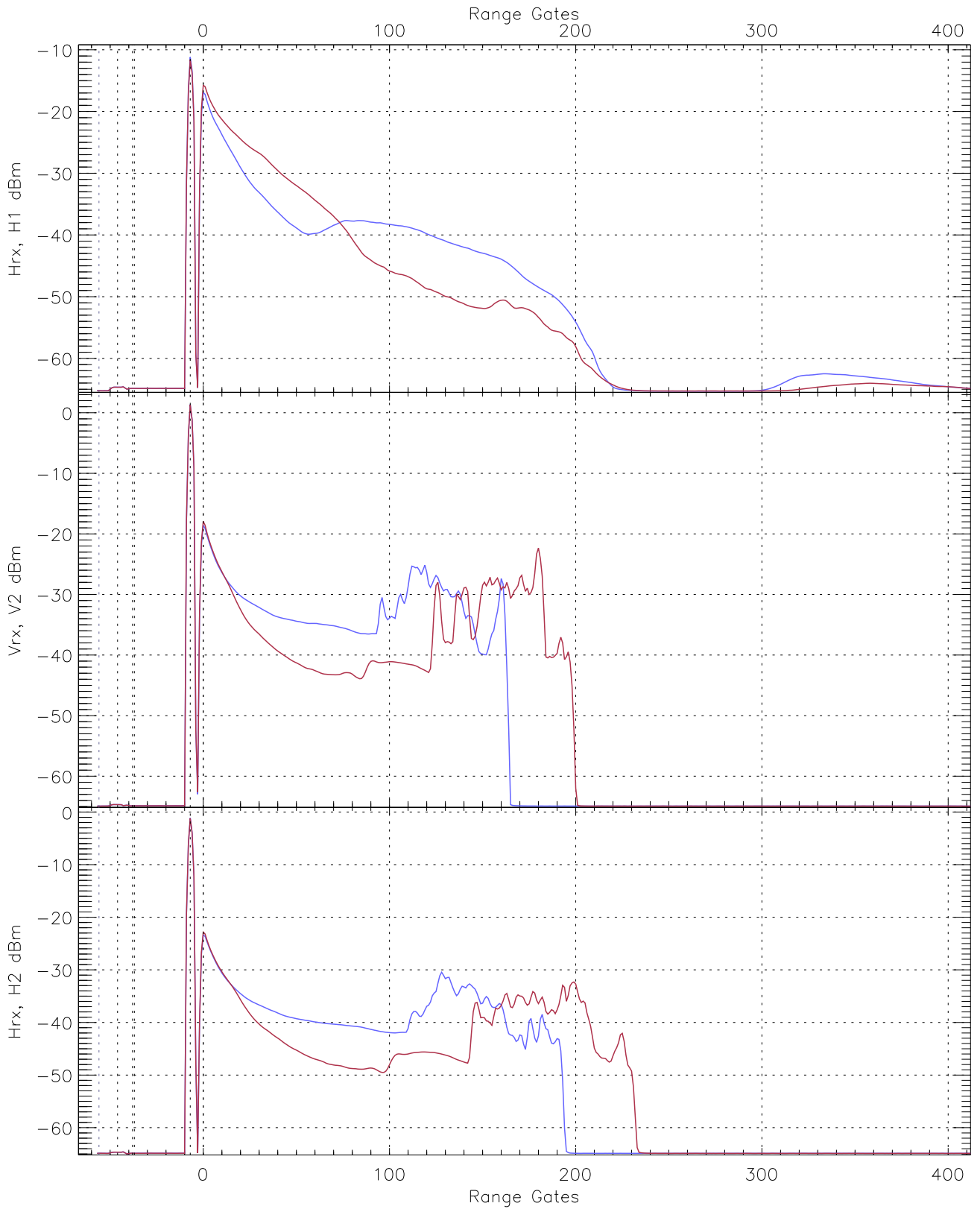
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.43	-64.10	-65.24	-65.25	-76.74
Vrx, V2 (RM [dBm])	-66.29	-63.84	-64.95	-64.96	-76.45
Hrx, H2 (RM [dBm])	-66.20	-63.59	-64.87	-64.88	-76.37

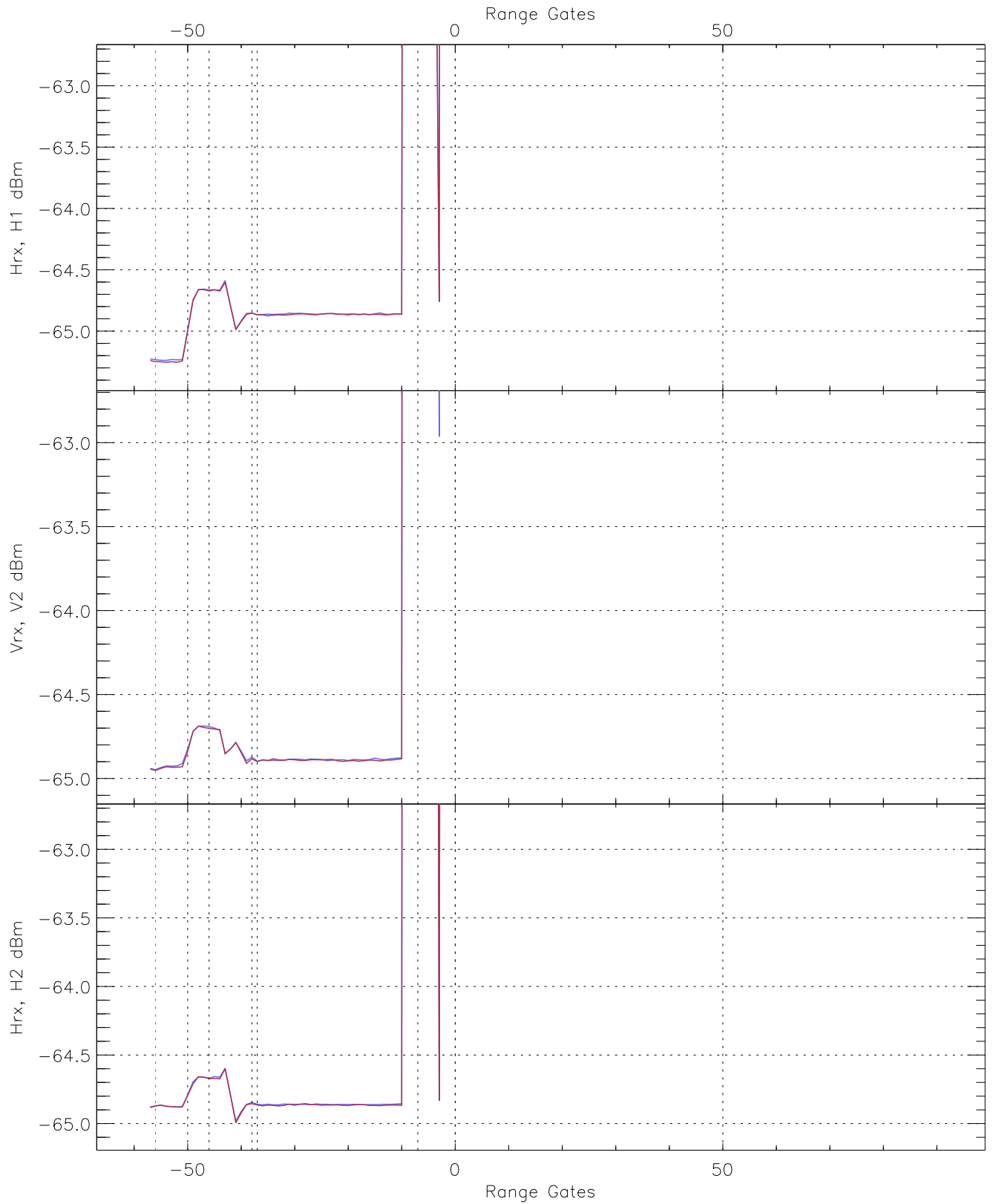


WCR3 CPP "Best" estimate Receivers Noise Power

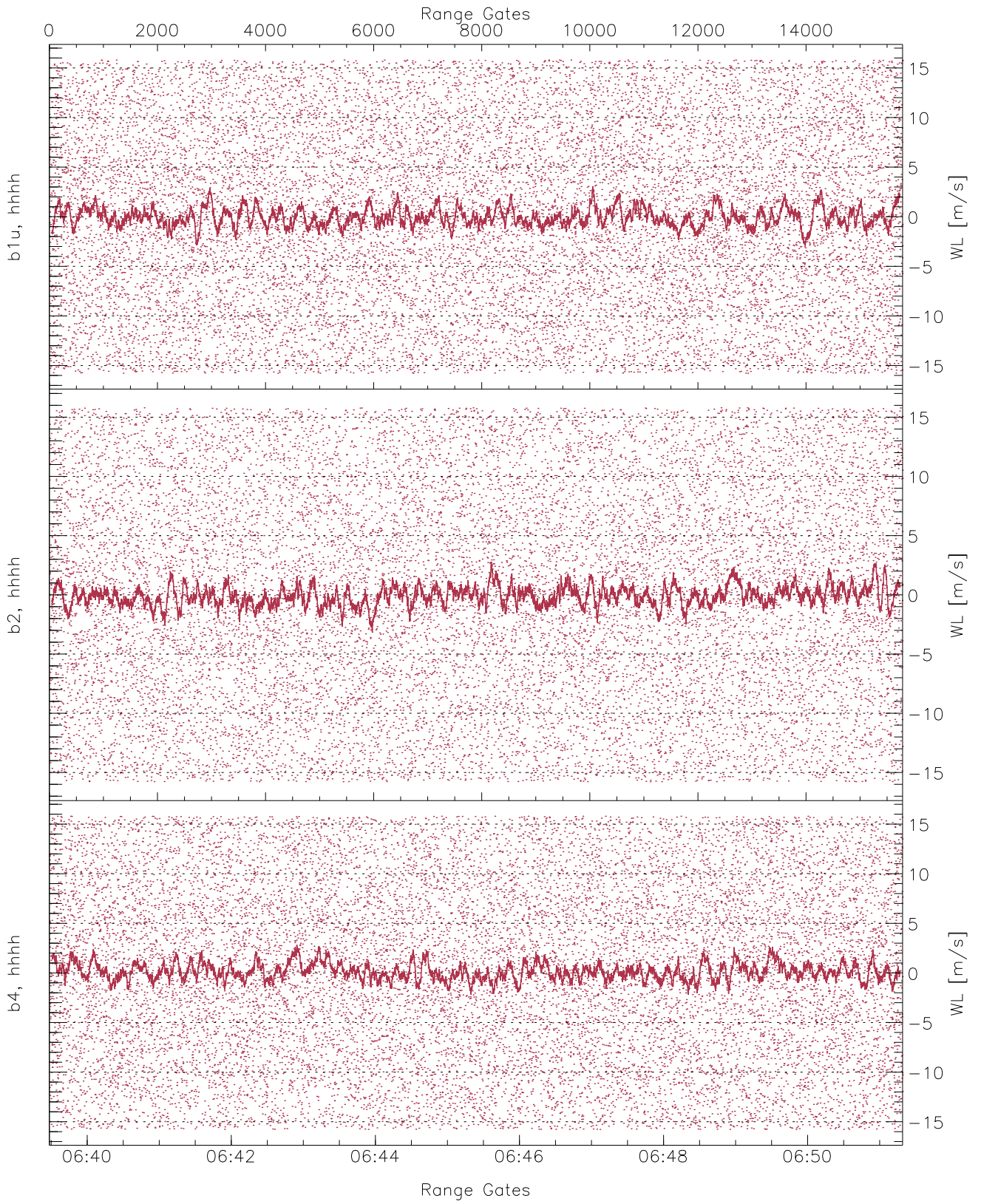
	Min	Max	Mean	Median	StDev
H1RG270_0 [dBm]	-66.60	-64.11	-65.29	-65.30	-76.79
V2RG251_0 [dBm]	-66.19	-63.86	-64.95	-64.96	-76.45
H2RG284_0 [dBm]	-66.12	-63.86	-64.89	-64.90	-76.43



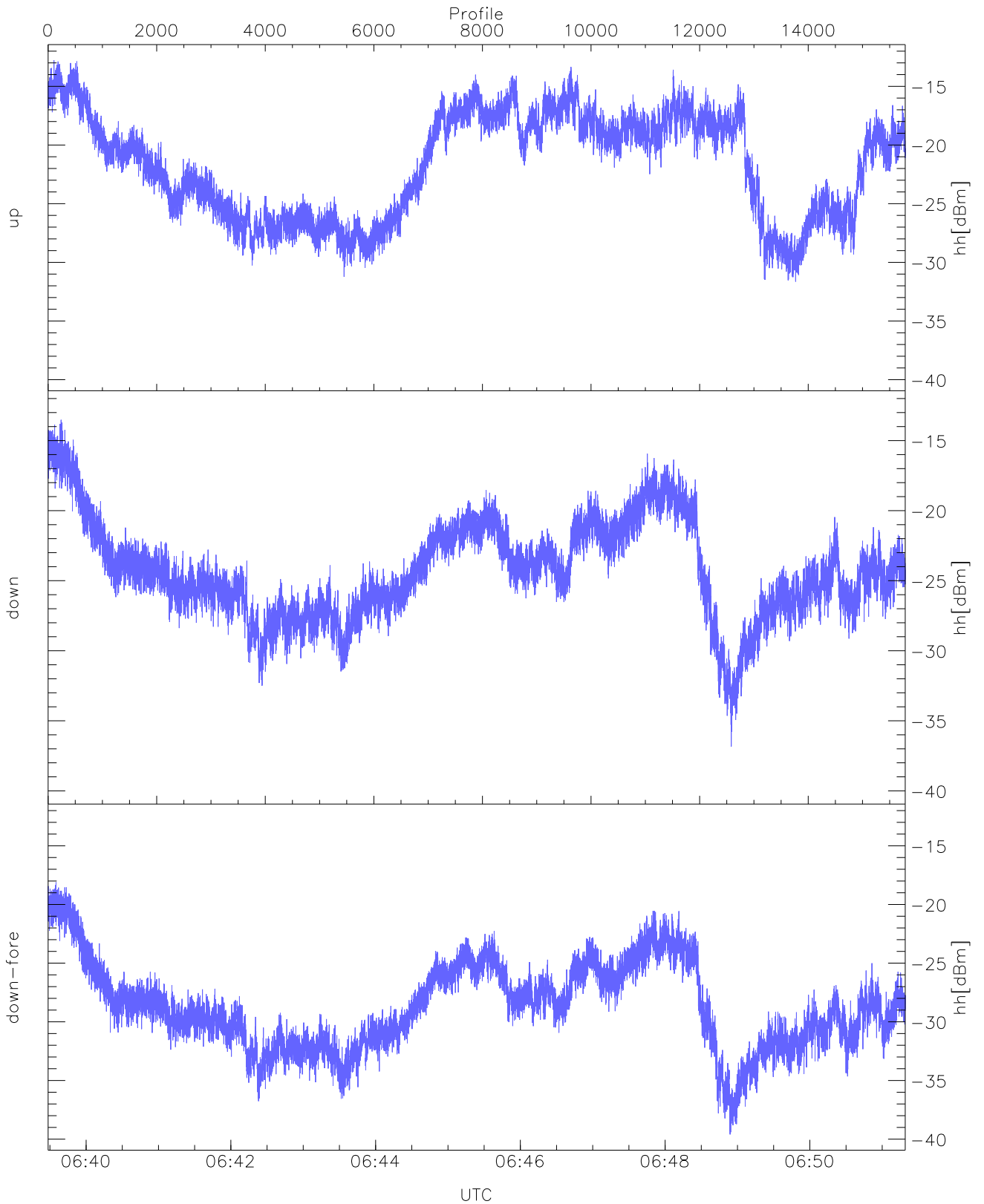
WCR3 CPP Averaged Received power for all recorded gates
blue: 063928-064524, 7895 profiles averaged
red: 064524-065119, 7894 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 063928-064524, 7895 profiles averaged
red: 064524-065119, 7894 profiles averaged

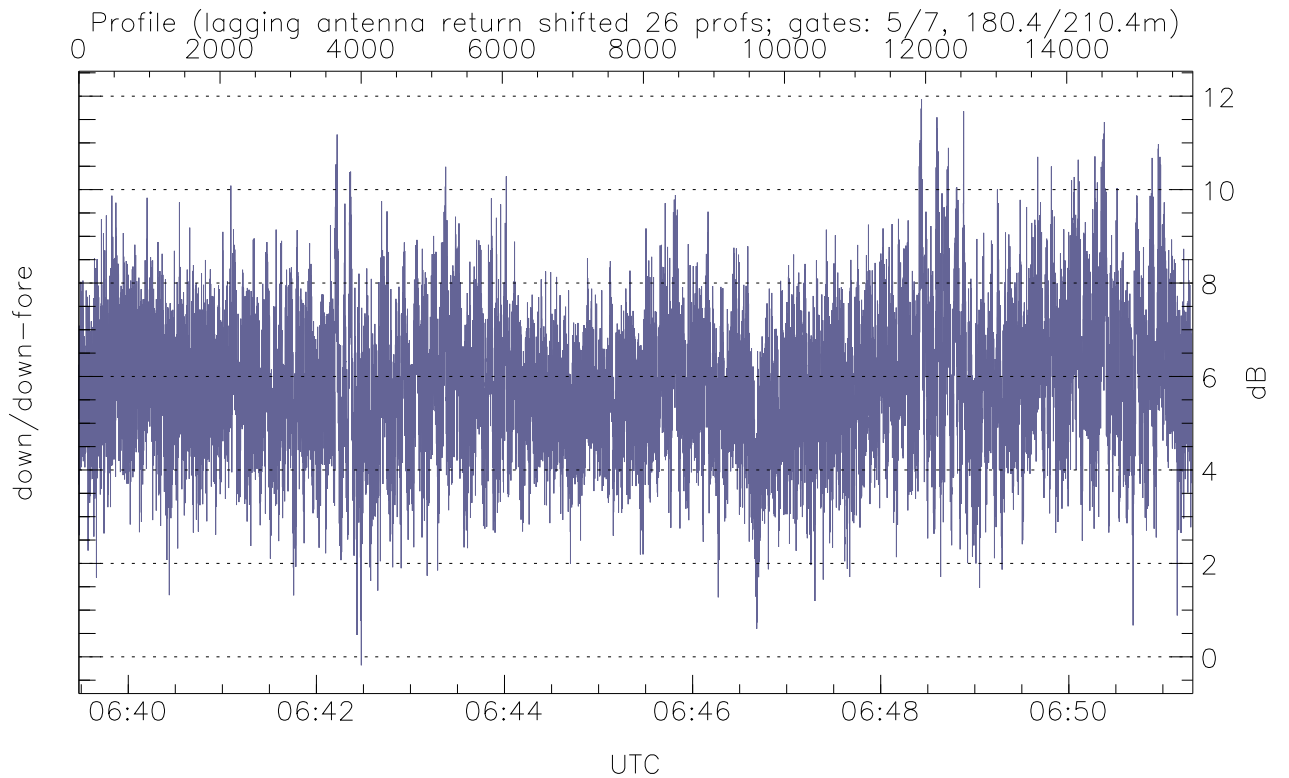
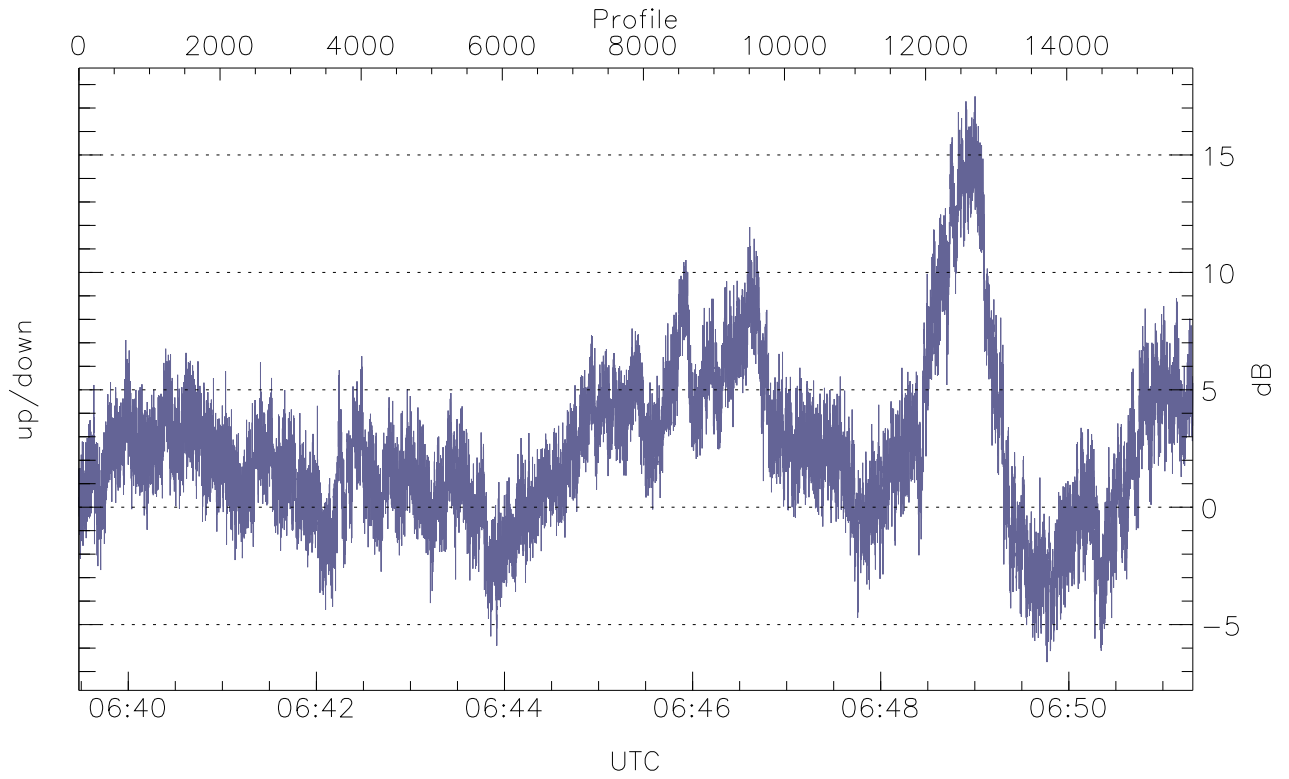


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



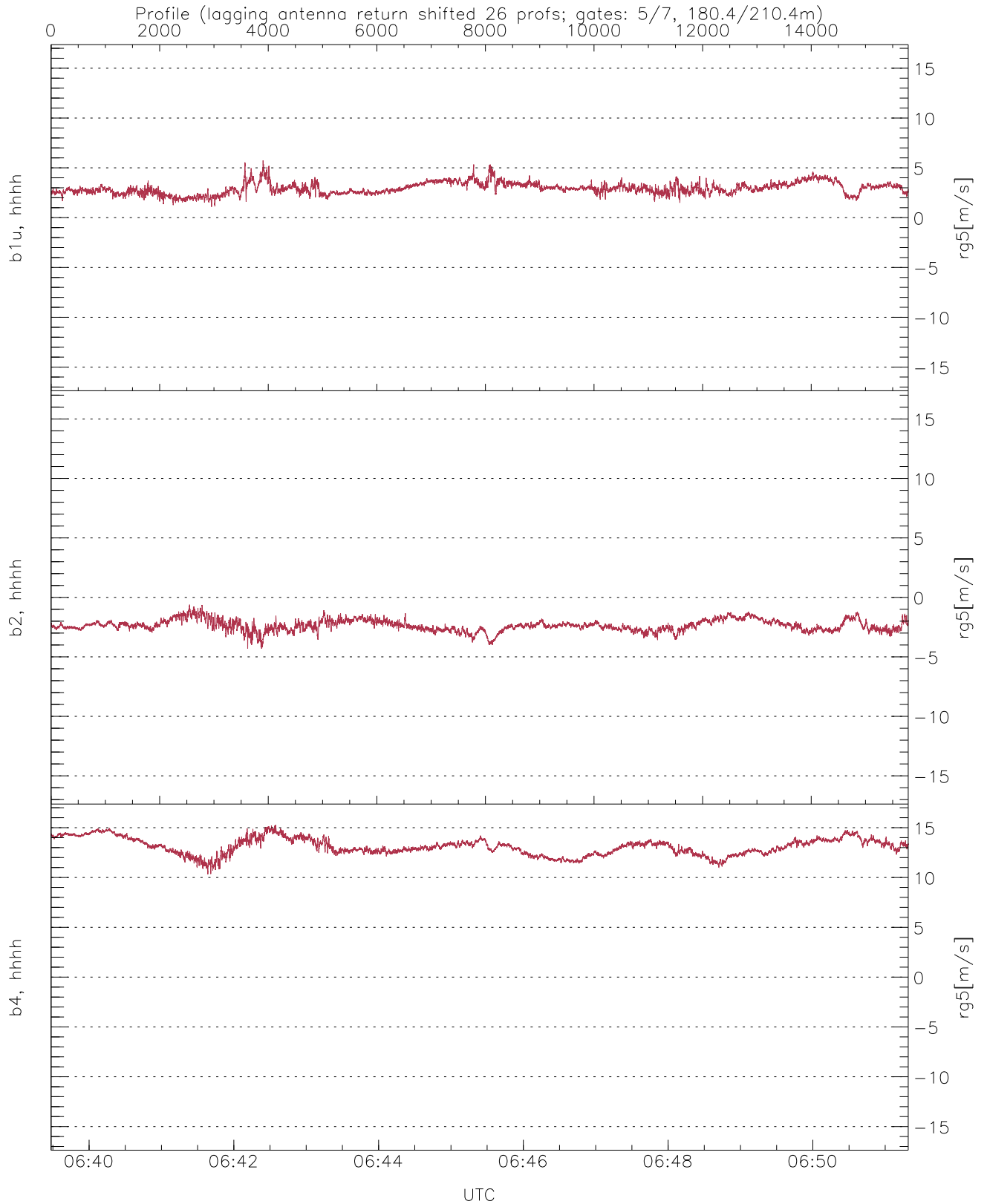
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-31.64	-12.78	-19.82
down(hh[dBm])	-36.83	-13.52	-22.86
down-fore(hh[dBm])	-39.60	-18.11	-27.17



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

	Min	Max	Mean
up/down (dB)	-6.60	17.50	2.53
down/down-fore (dB)	-0.18	11.93	5.84



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.09	5.75	2.94	0.58
b2, hhhh(rg5[m/s])	-4.32	-0.61	-2.37	0.48
b4, hhhh(rg5[m/s])	10.32	15.27	13.09	0.85