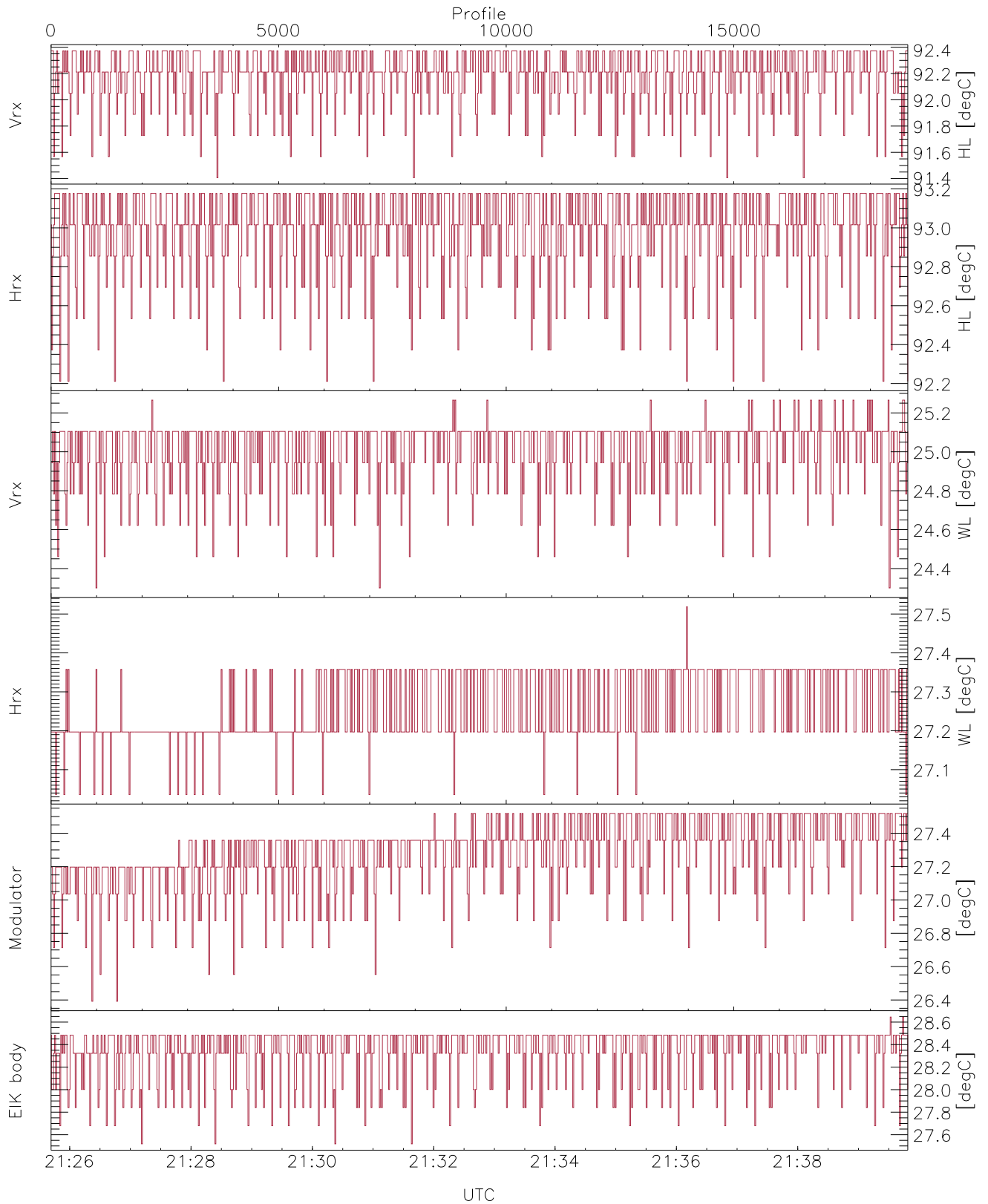


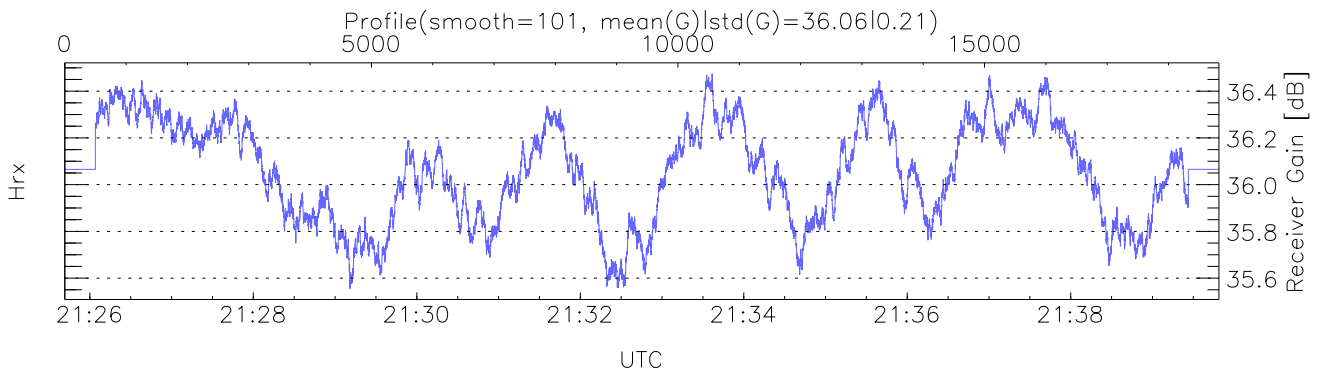
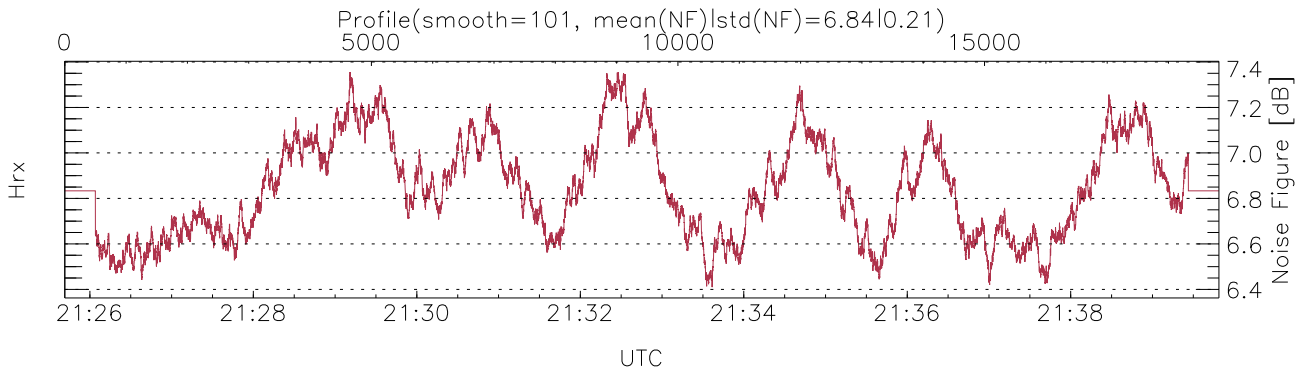
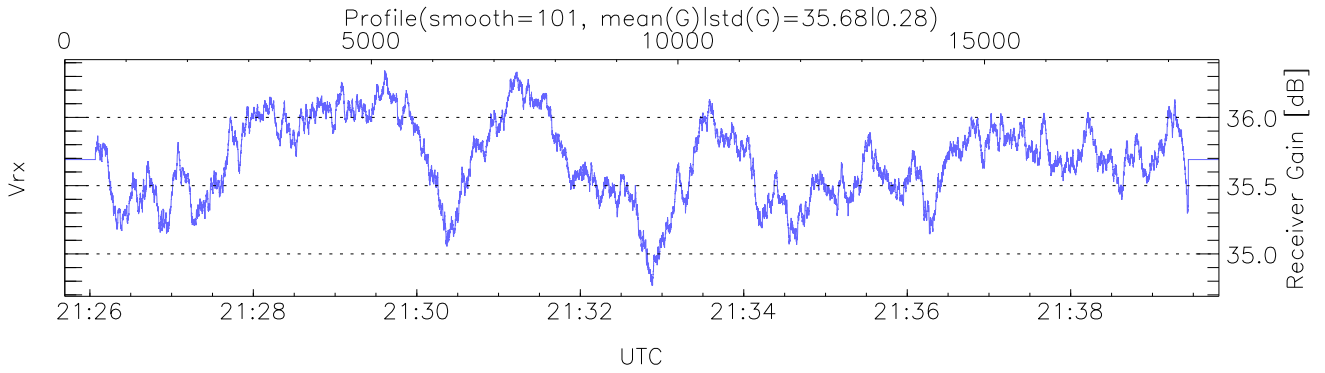
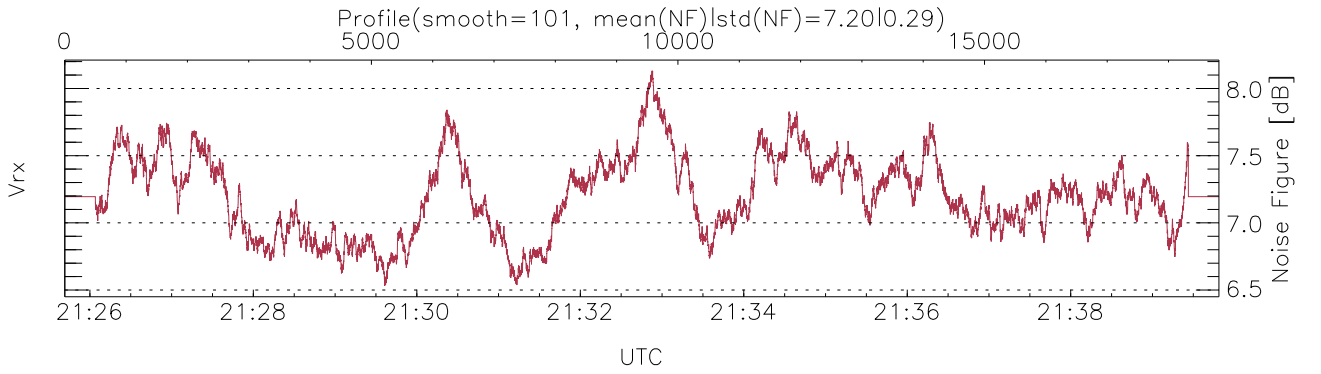
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:25:42-21:39:49, TimeCor: 0.00s, Dur: 847.25s
 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): 18824/18824, 0-18823/21:25:42-21:39:49
 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



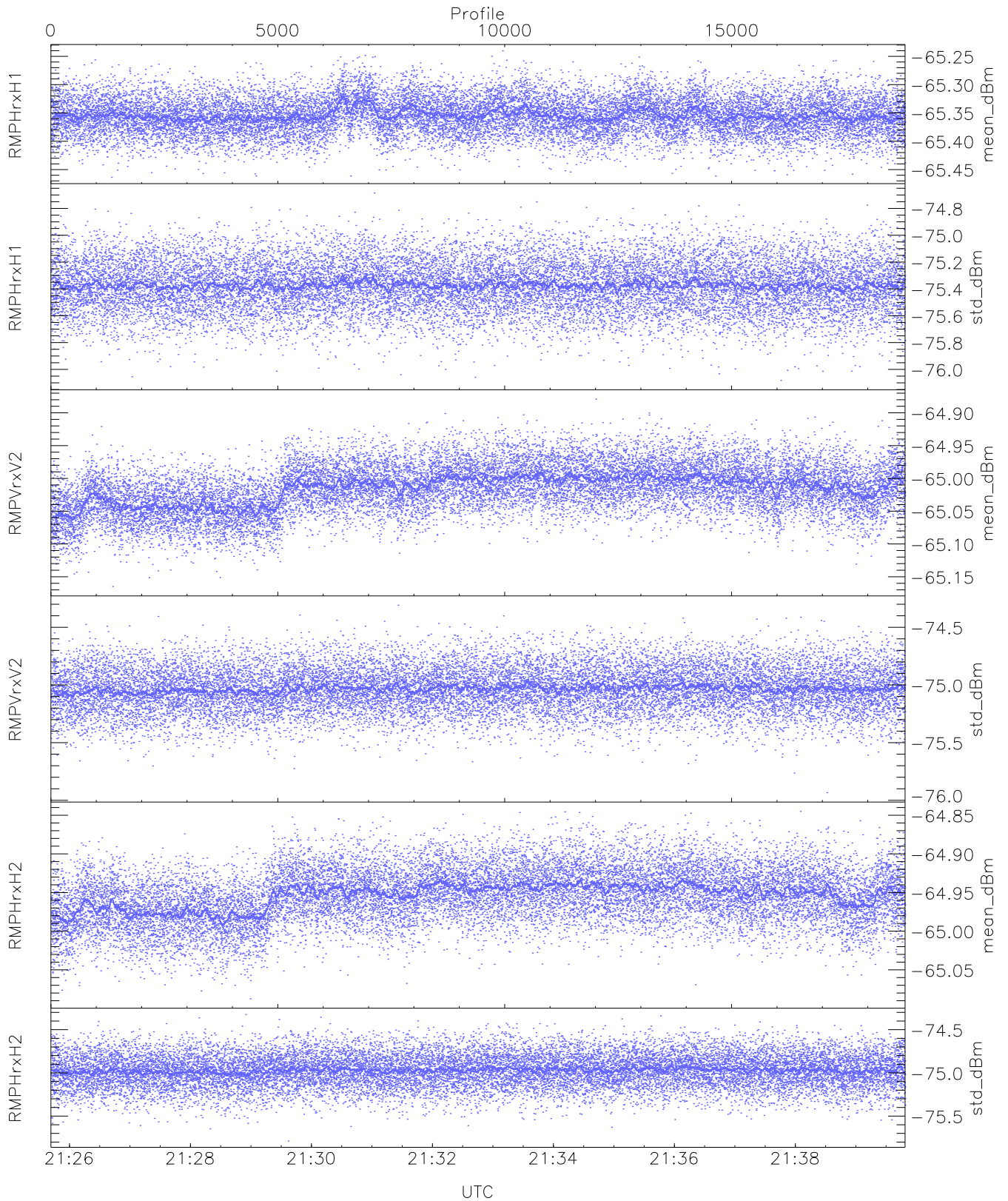
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,27,26,27`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,27,27,28`
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`
`EIK/Modulator Faults: None`



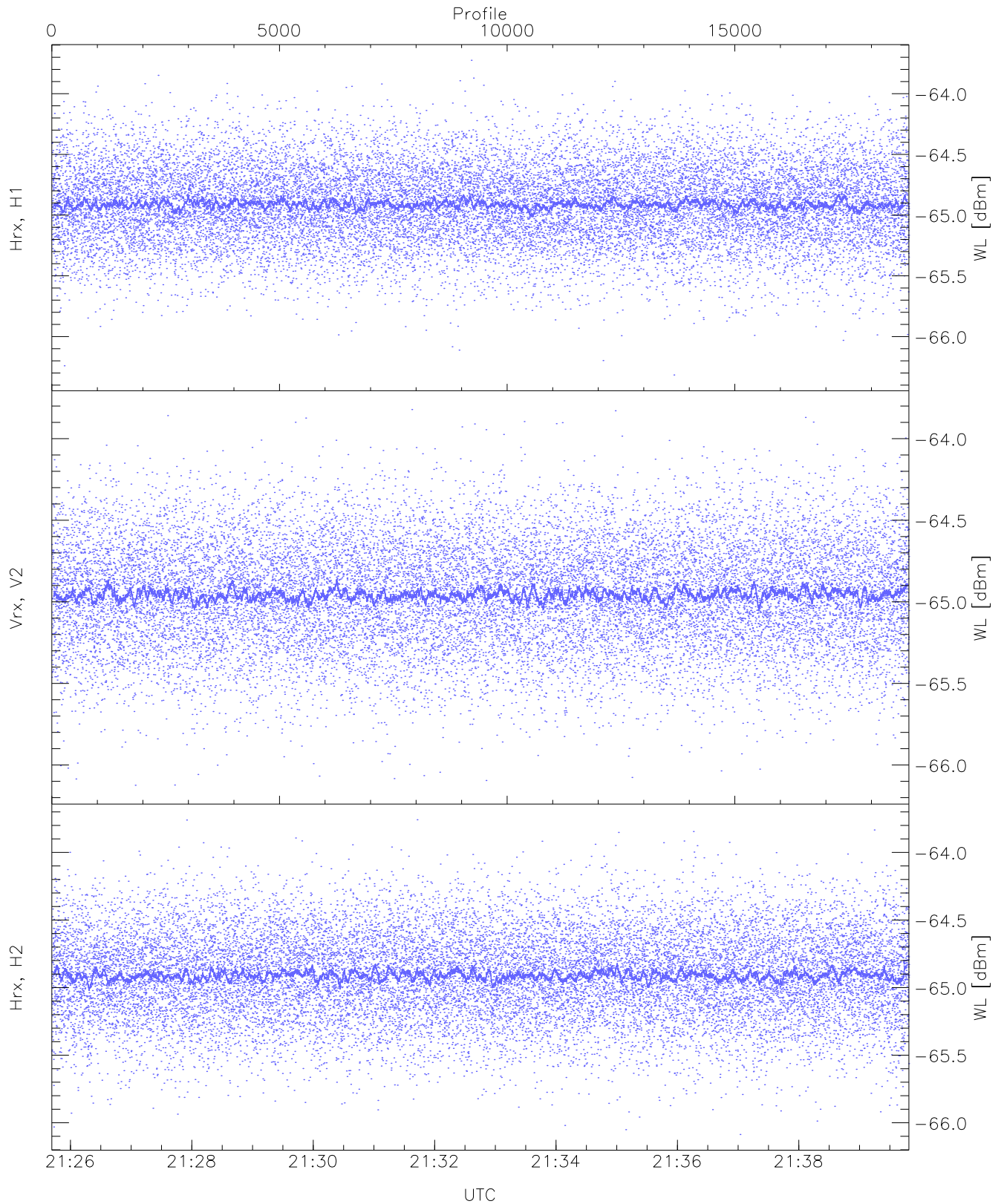
WCR3 CPP Receivers Gain and Noise Figure

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



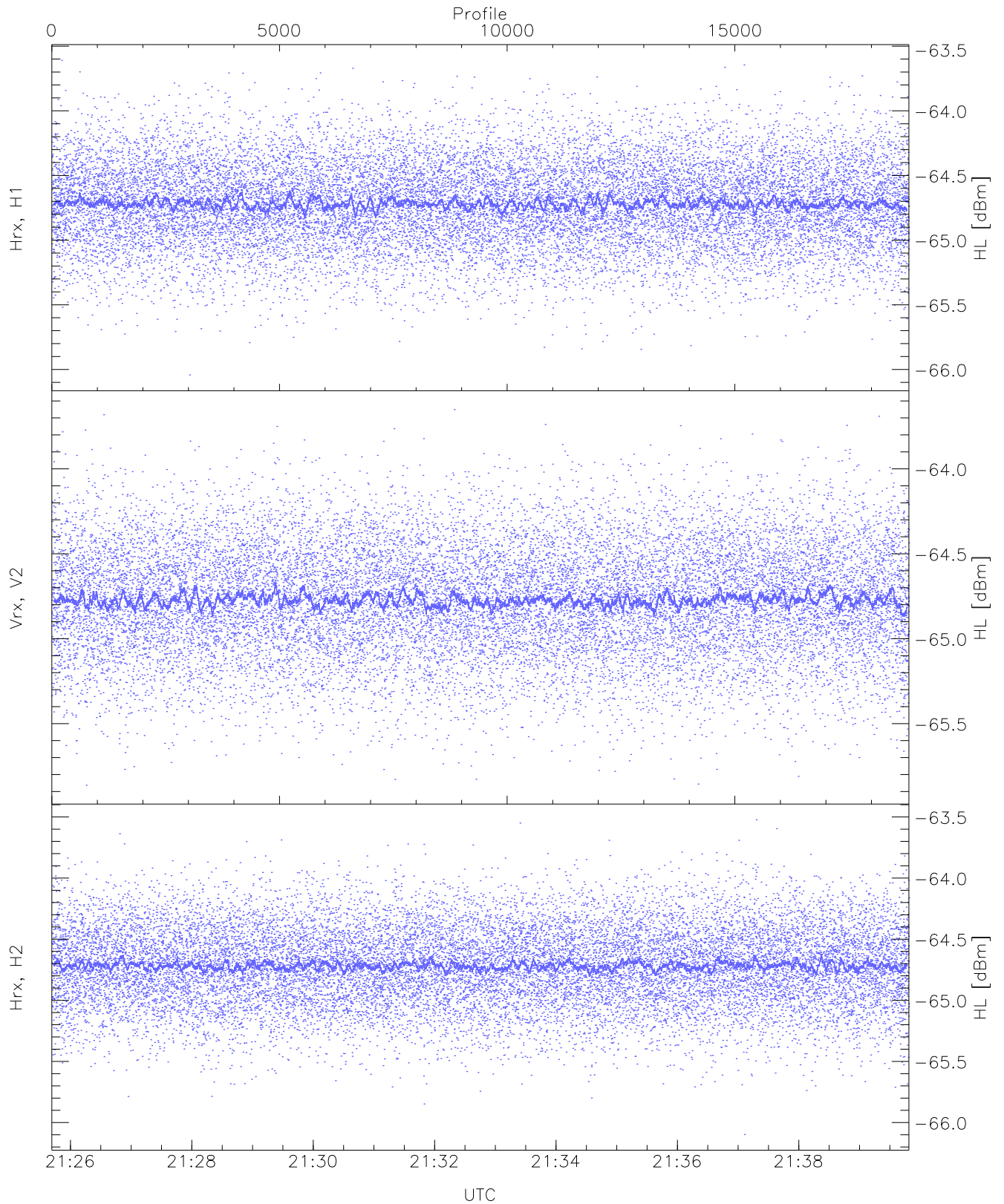
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.46	-65.24	-65.35	-65.36	-86.86
RMPHrxH1(std_dBm)	-76.08	-74.69	-75.37	-75.37	-89.19
RMPVrxV2(mean_dBm)	-65.16	-64.88	-65.02	-65.02	-85.88
RMPVrxV2(std_dBm)	-75.93	-74.31	-75.03	-75.04	-88.79
RMPHrxH2(mean_dBm)	-65.09	-64.85	-64.95	-64.95	-86.09
RMPHrxH2(std_dBm)	-75.79	-74.32	-74.97	-74.97	-88.74



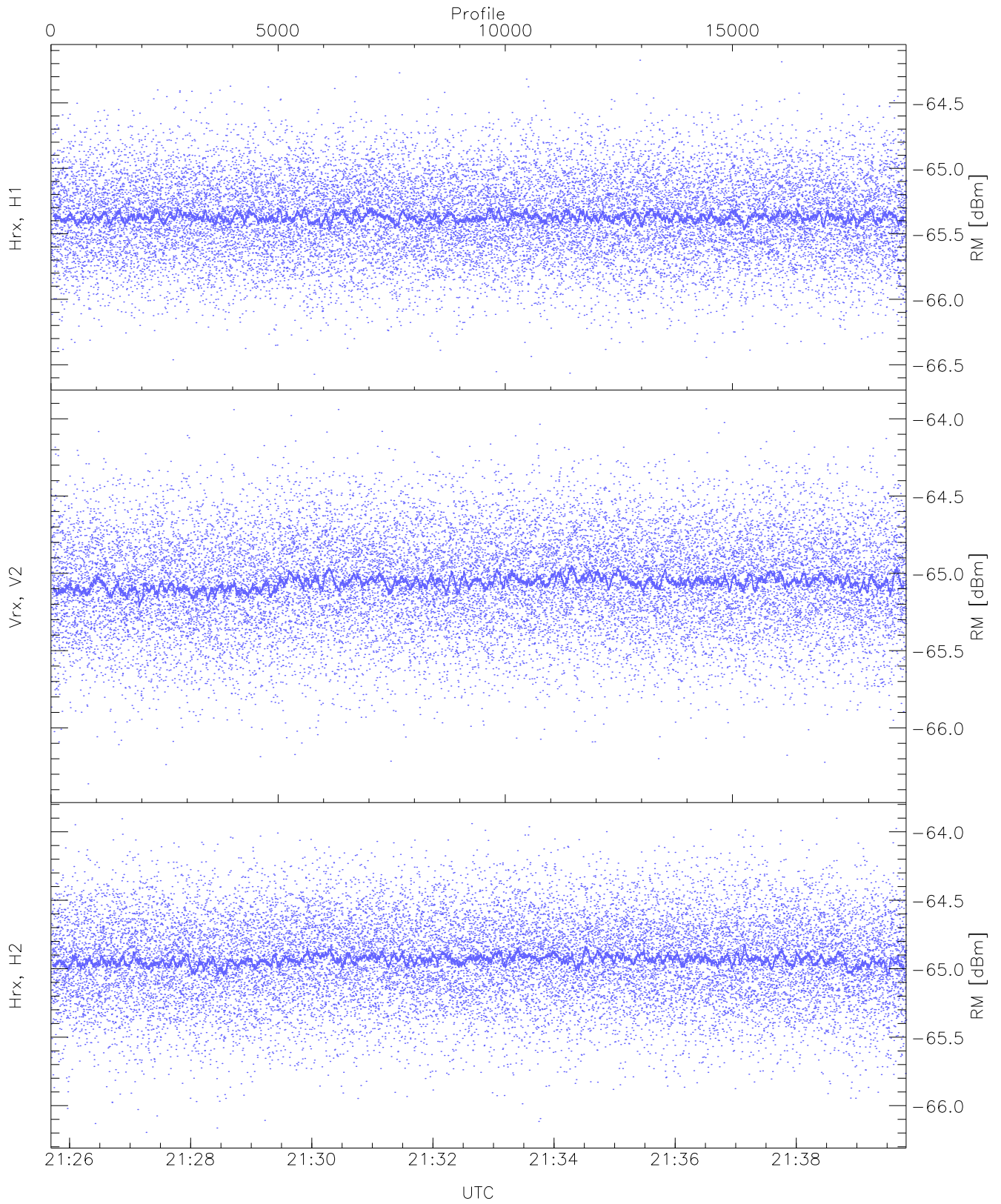
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.32	-63.73	-64.90	-64.91	-76.40
Vrx, V2 (WL [dBm])	-66.12	-63.82	-64.95	-64.96	-76.44
Hrx, H2 (WL [dBm])	-66.09	-63.76	-64.90	-64.91	-76.40



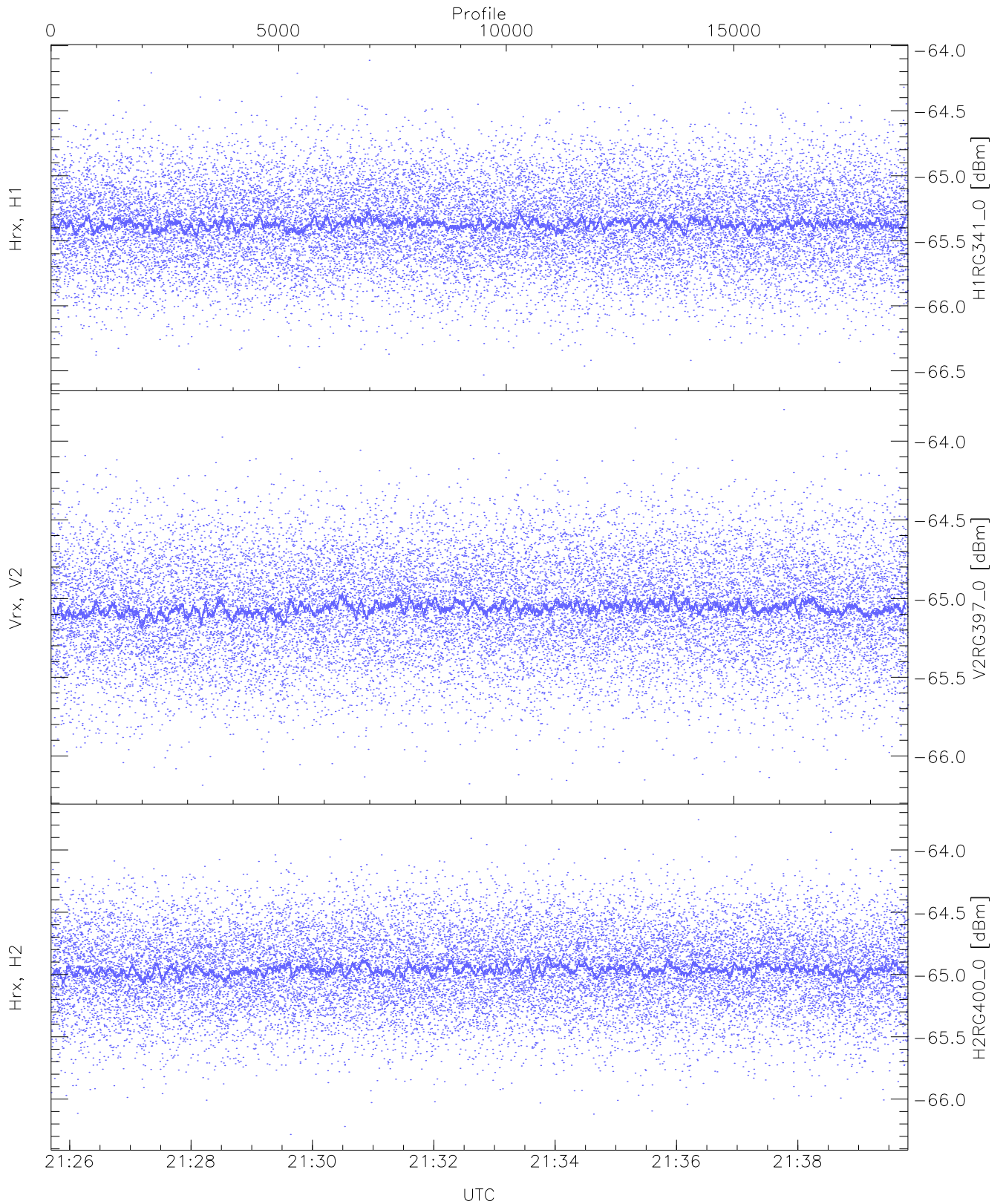
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.04	-63.61	-64.71	-64.72	-76.18
Vrx, V2 (HL [dBm])	-65.86	-63.65	-64.77	-64.77	-76.31
Hrx, H2 (HL [dBm])	-66.10	-63.52	-64.71	-64.72	-76.23



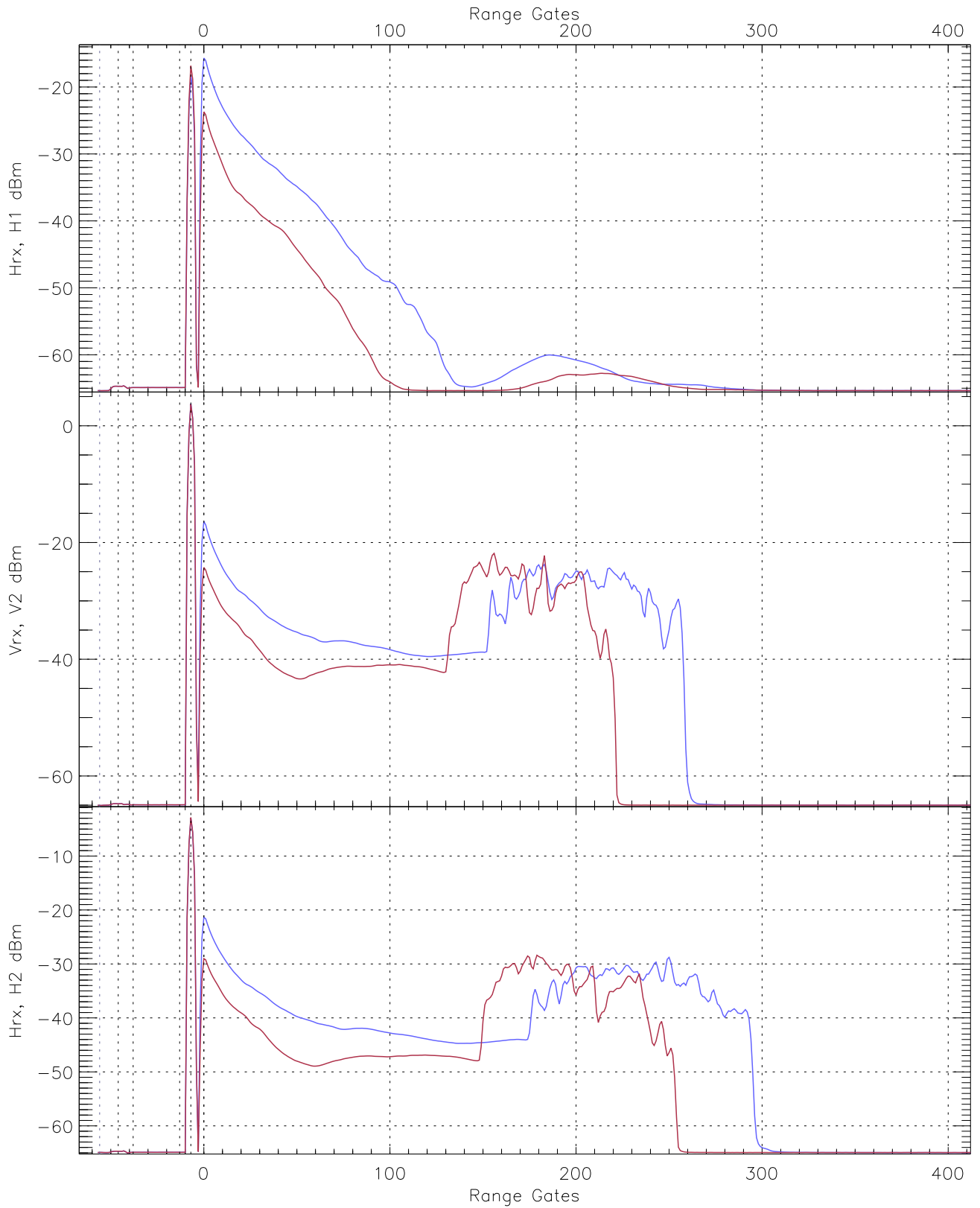
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.57	-64.17	-65.36	-65.37	-76.89
Vrx, V2 (RM [dBm])	-66.36	-63.94	-65.05	-65.06	-76.55
Hrx, H2 (RM [dBm])	-66.20	-63.90	-64.93	-64.93	-76.42

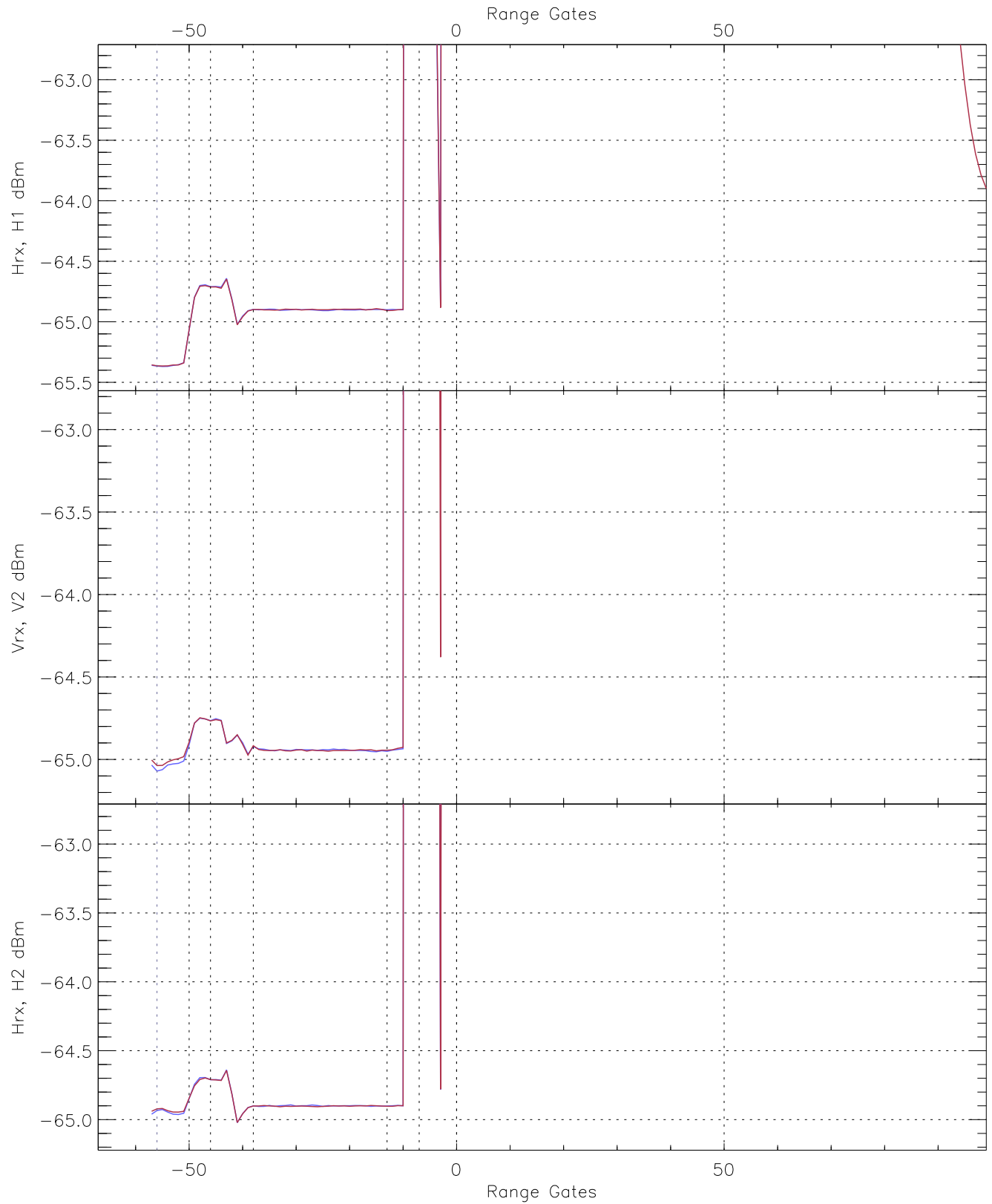


WCR3 CPP "Best" estimate Receivers Noise Power

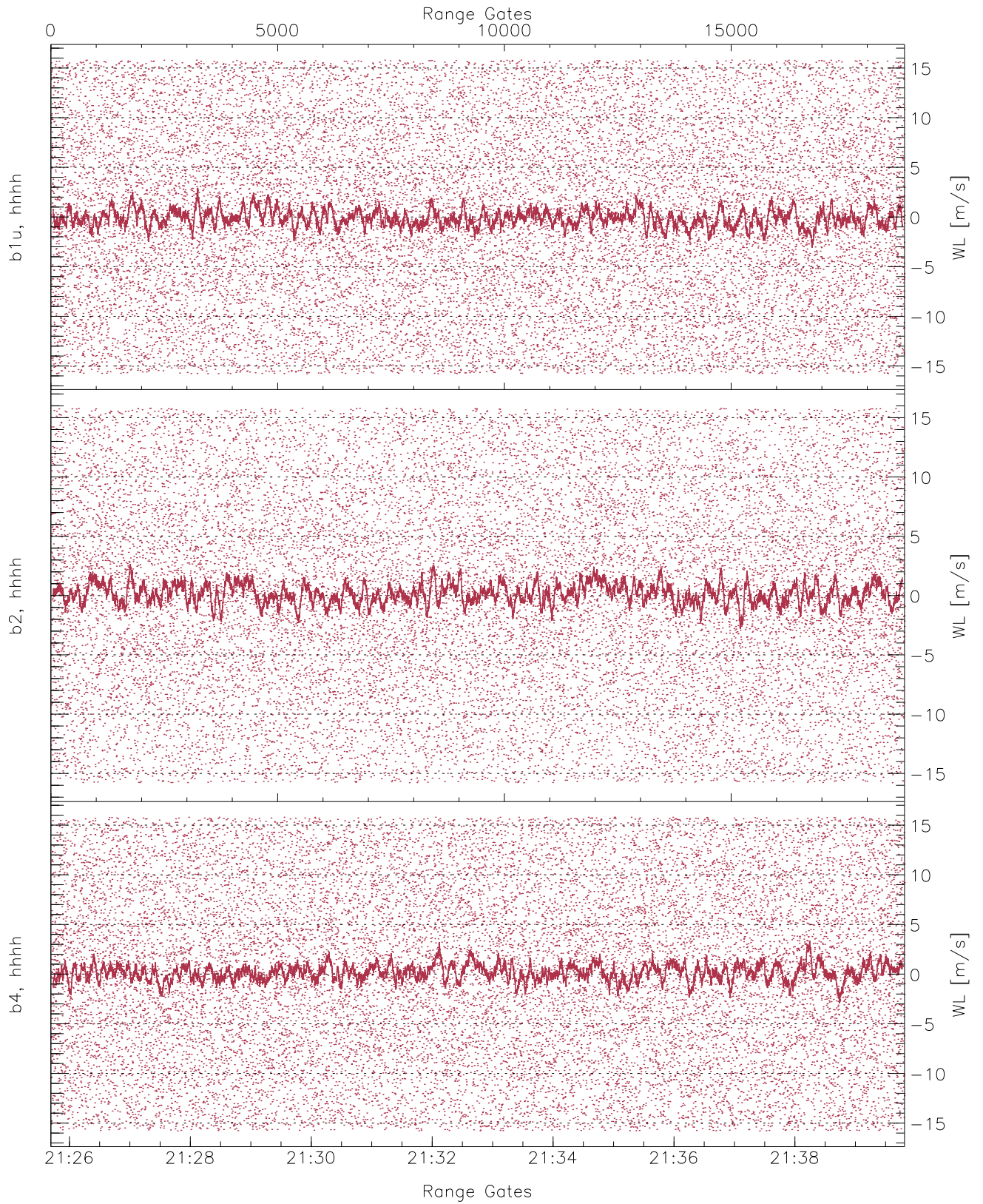
	Min	Max	Mean	Median	StDev
H1RG341_0 [dBm]	-66.53	-64.11	-65.36	-65.37	-76.85
V2RG397_0 [dBm]	-66.19	-63.80	-65.05	-65.06	-76.54
H2RG400_0 [dBm]	-66.28	-63.76	-64.96	-64.96	-76.44



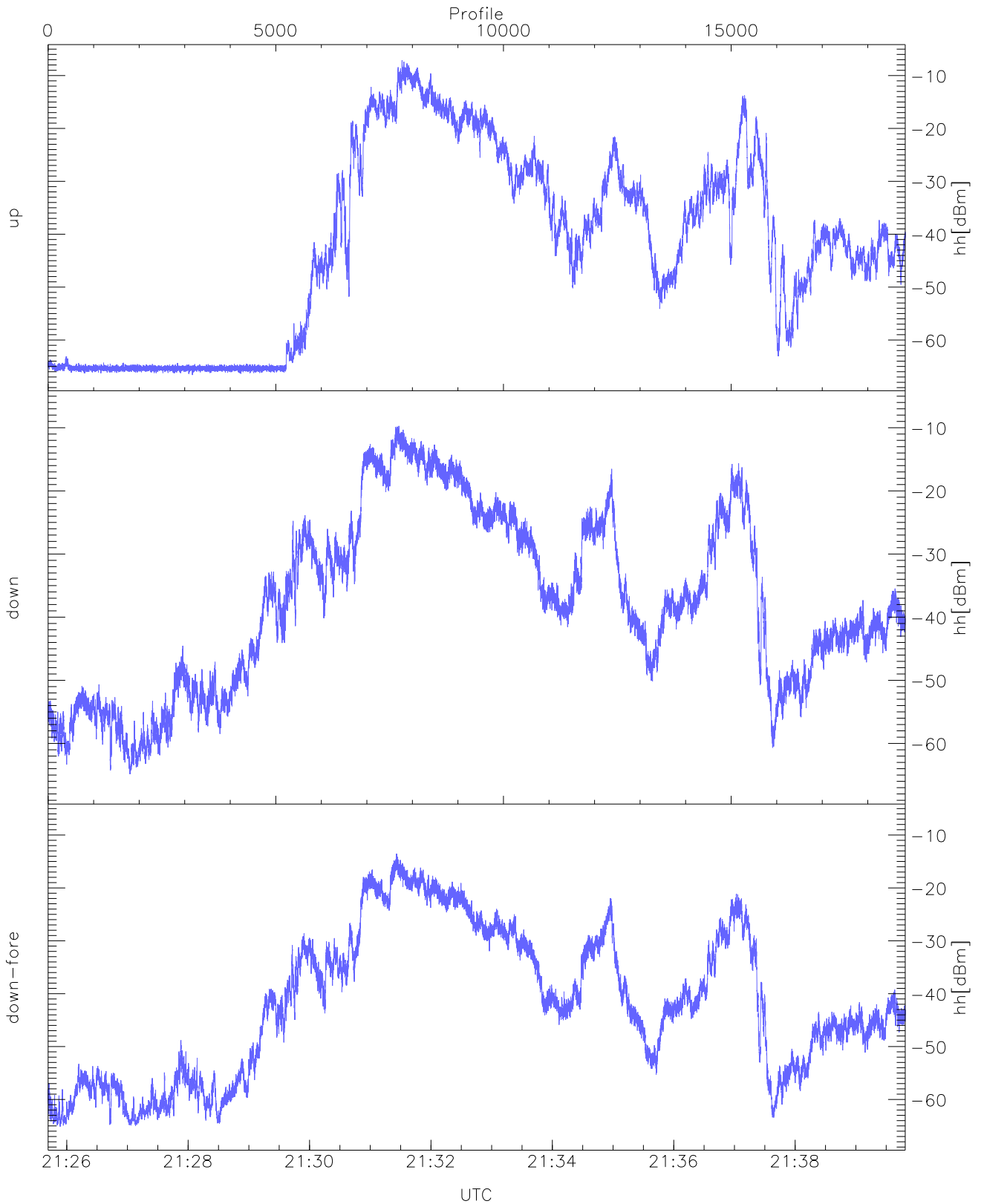
WCR3 CPP Averaged Received power for all recorded gates
blue: 212542-213245, 9413 profiles averaged
red: 213245-213949, 9412 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 212542-213245, 9413 profiles averaged
red: 213245-213949, 9412 profiles averaged

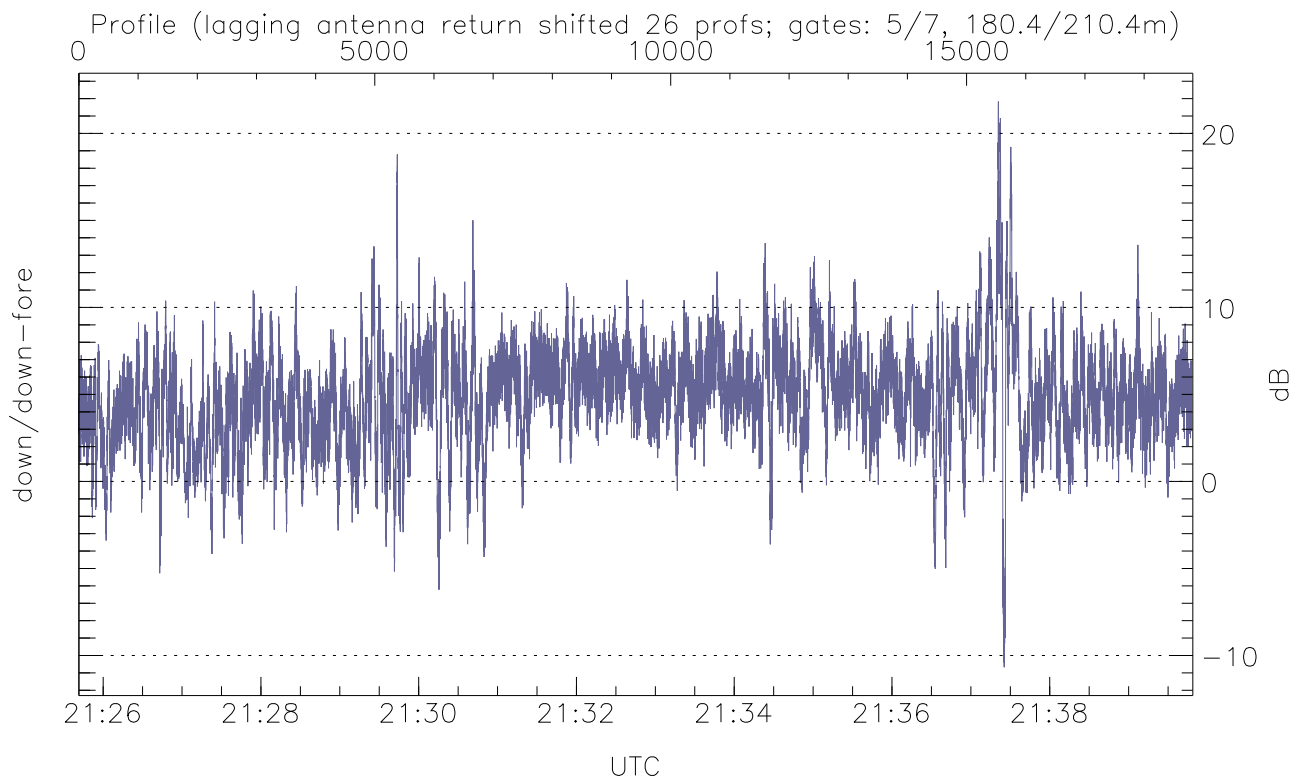
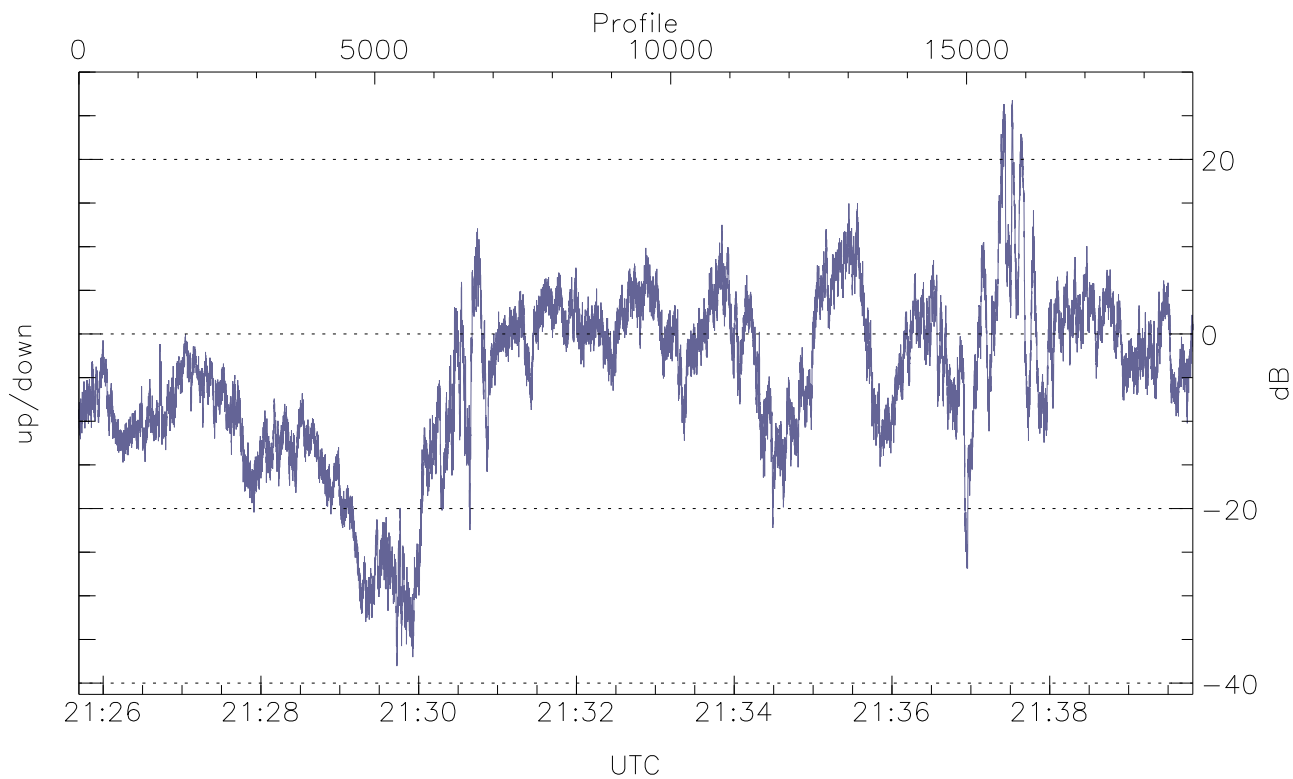


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



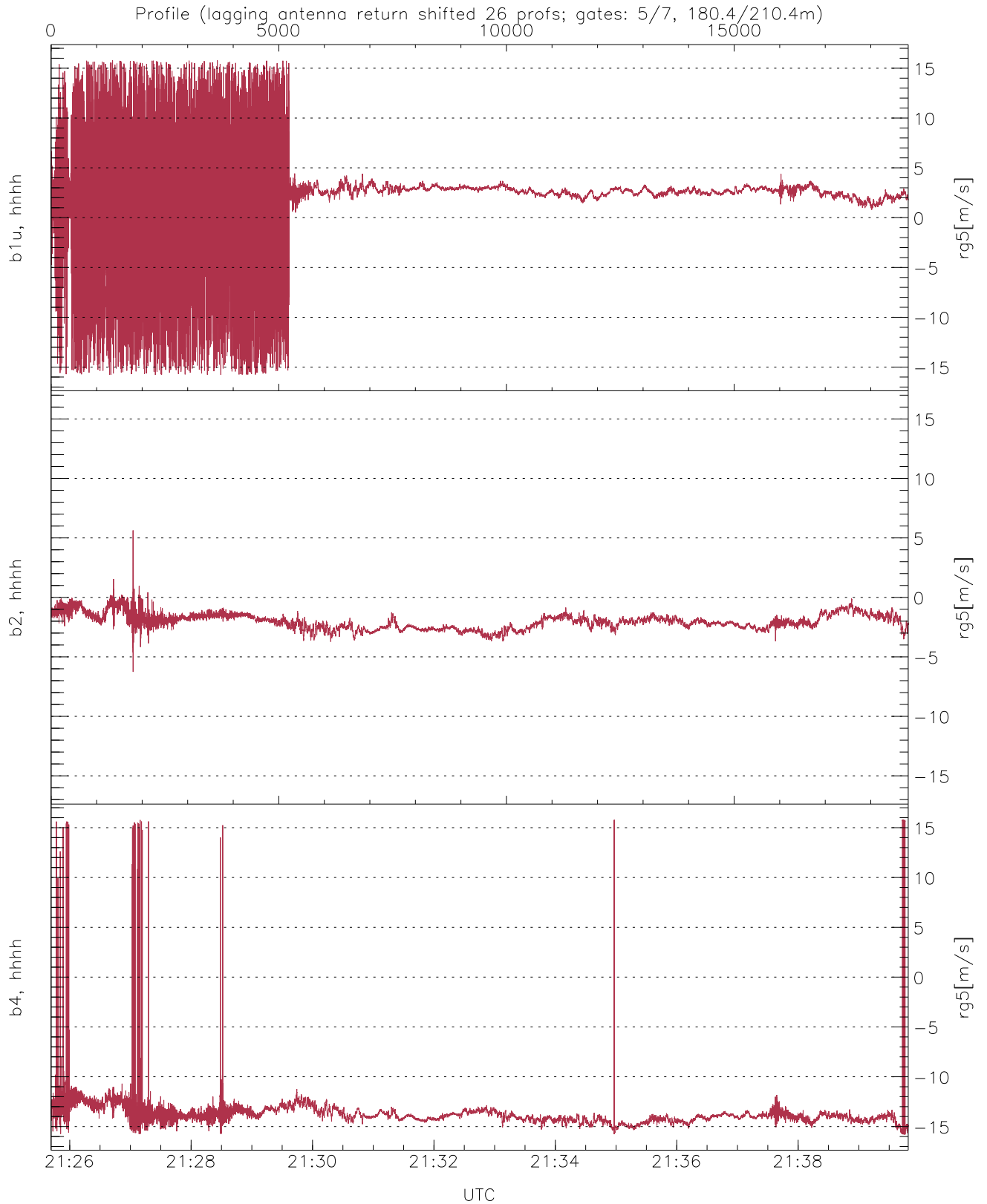
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.62	-7.12	-22.16
down(hh[dBm])	-64.87	-9.71	-23.13
down-fore(hh[dBm])	-65.14	-13.55	-27.57



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

	Min	Max	Mean
up/down (dB)	-38.05	26.77	-5.01
down/down-fore (dB)	-10.68	21.83	4.89



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.95	4.62
b2, hhhh(rg5[m/s])	-6.26	5.64	-2.03	0.65
b4, hhhh(rg5[m/s])	-15.79	15.79	-13.67	2.17