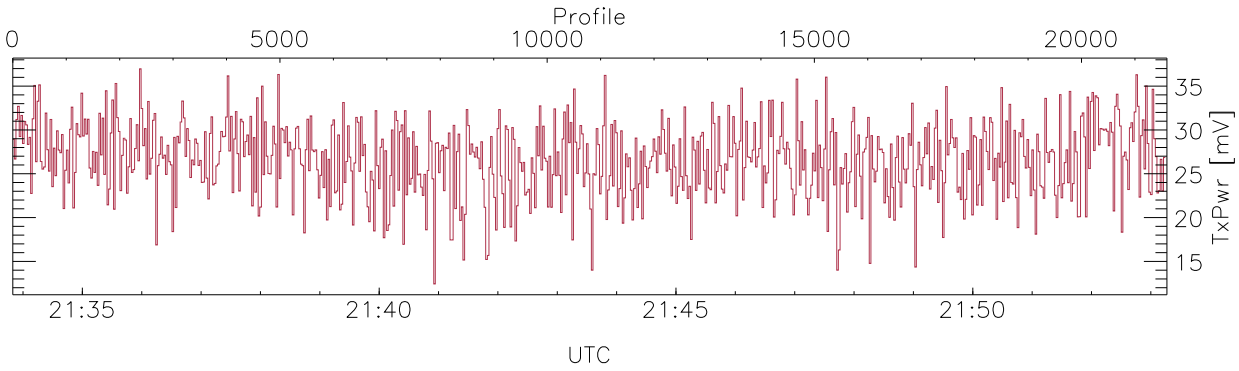
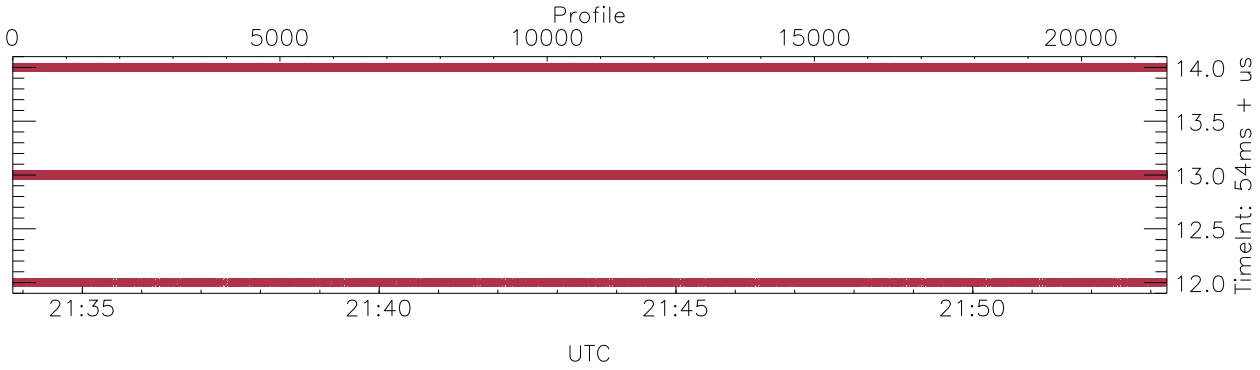
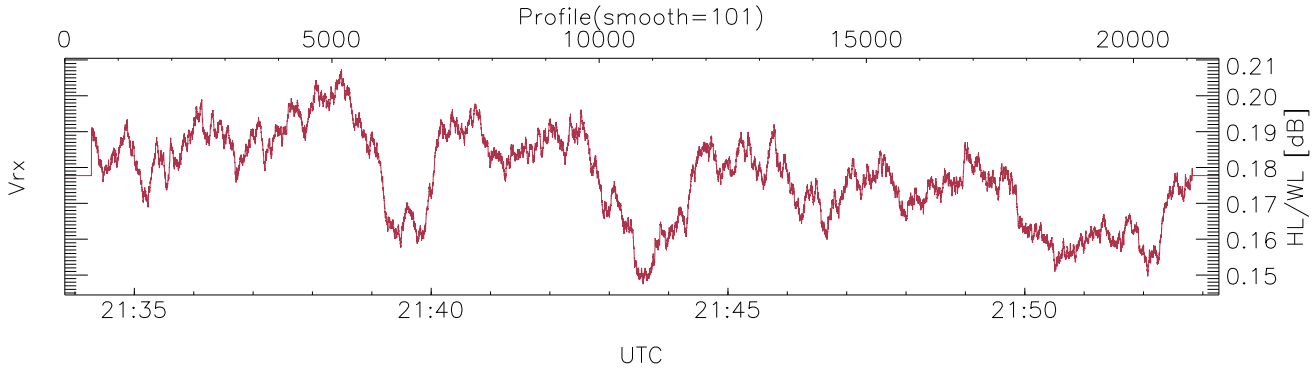
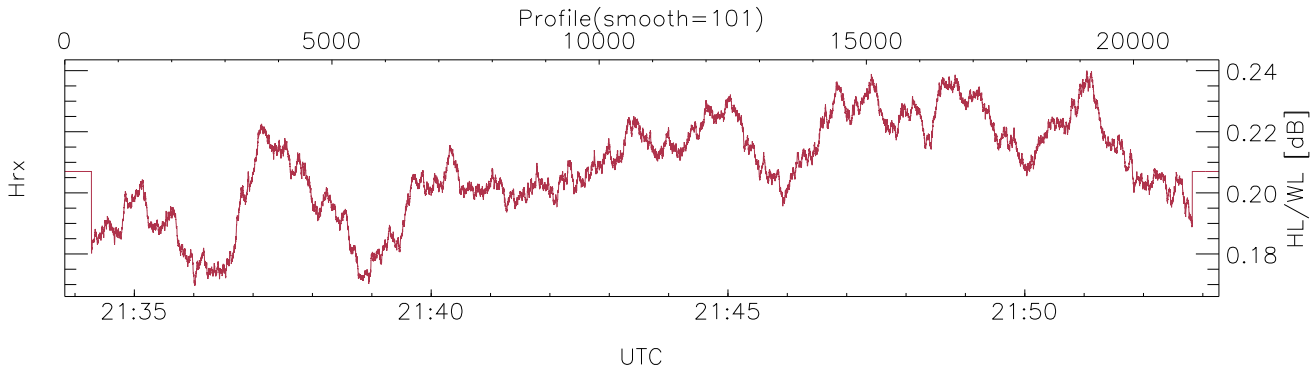


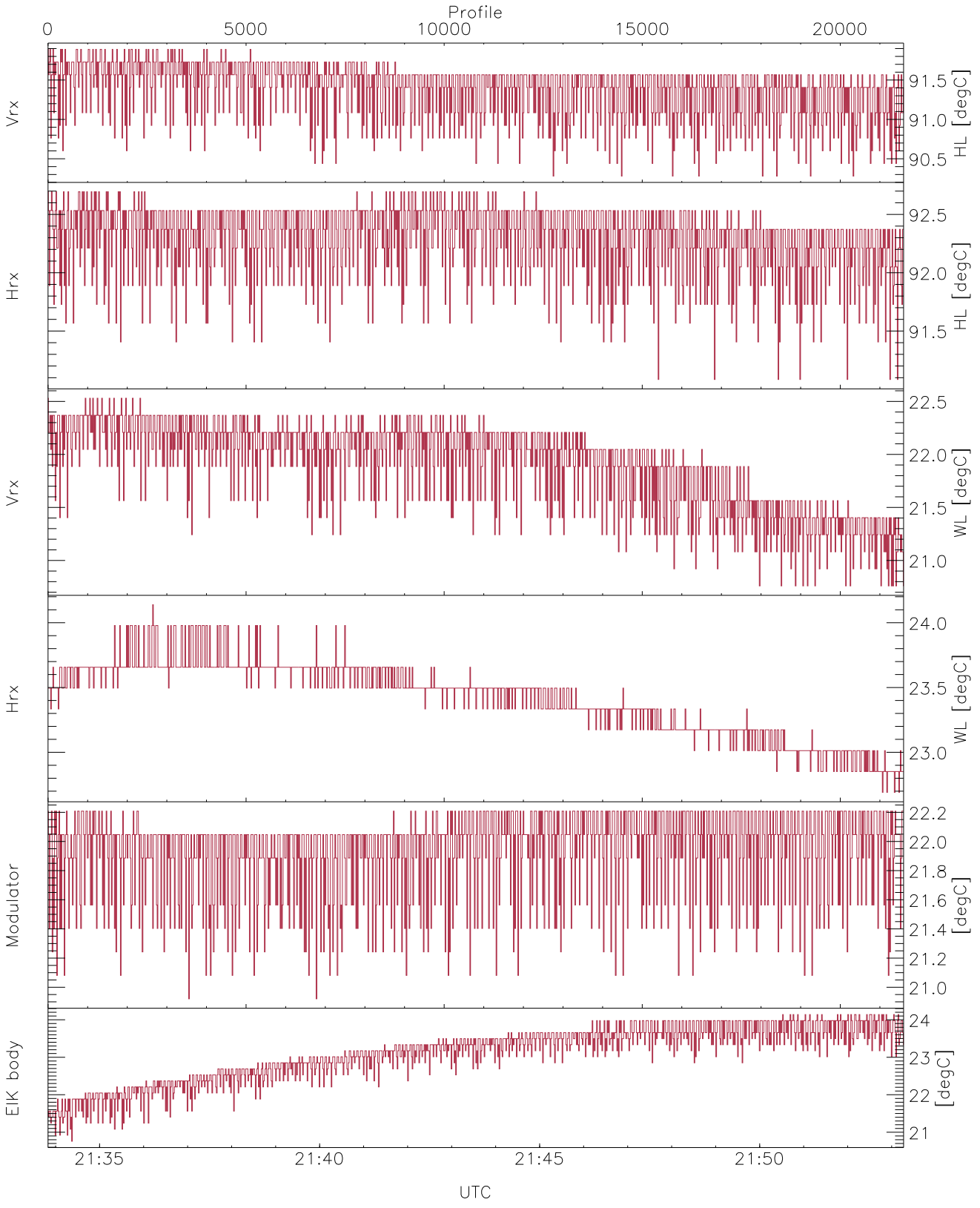






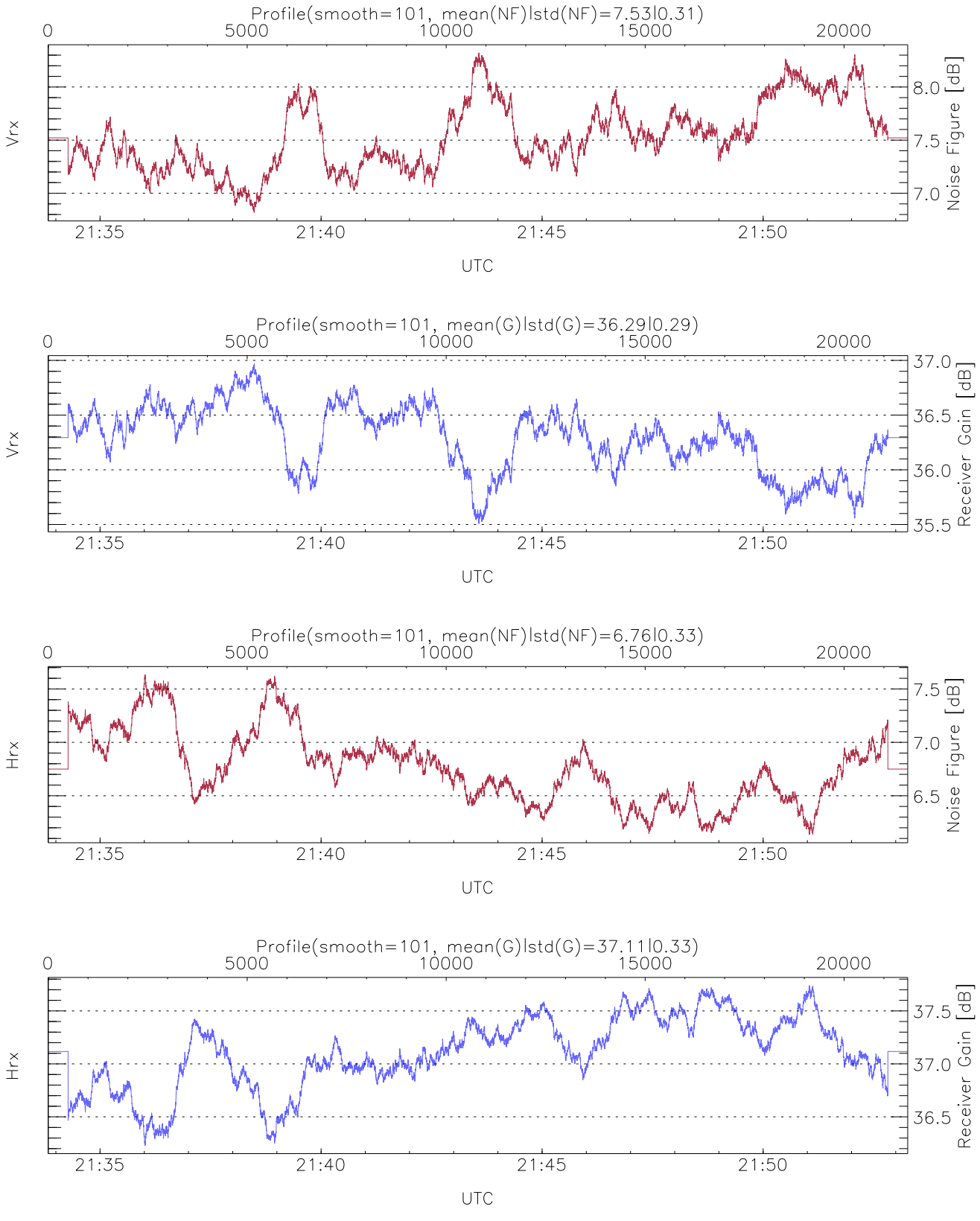
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:33:50-22:04:23, TimeCor: 0.00s, Dur: 1166.64s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 18.5,18.5,18.5
NumRec(r/t): 21600/33945, 0-21599/21:33:50-21:53:16
AcqTime: 54.0ms, Rate: 0.273MB/s, Averages (req.,actual): 180,180
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2
PRF: 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: 3.1
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1



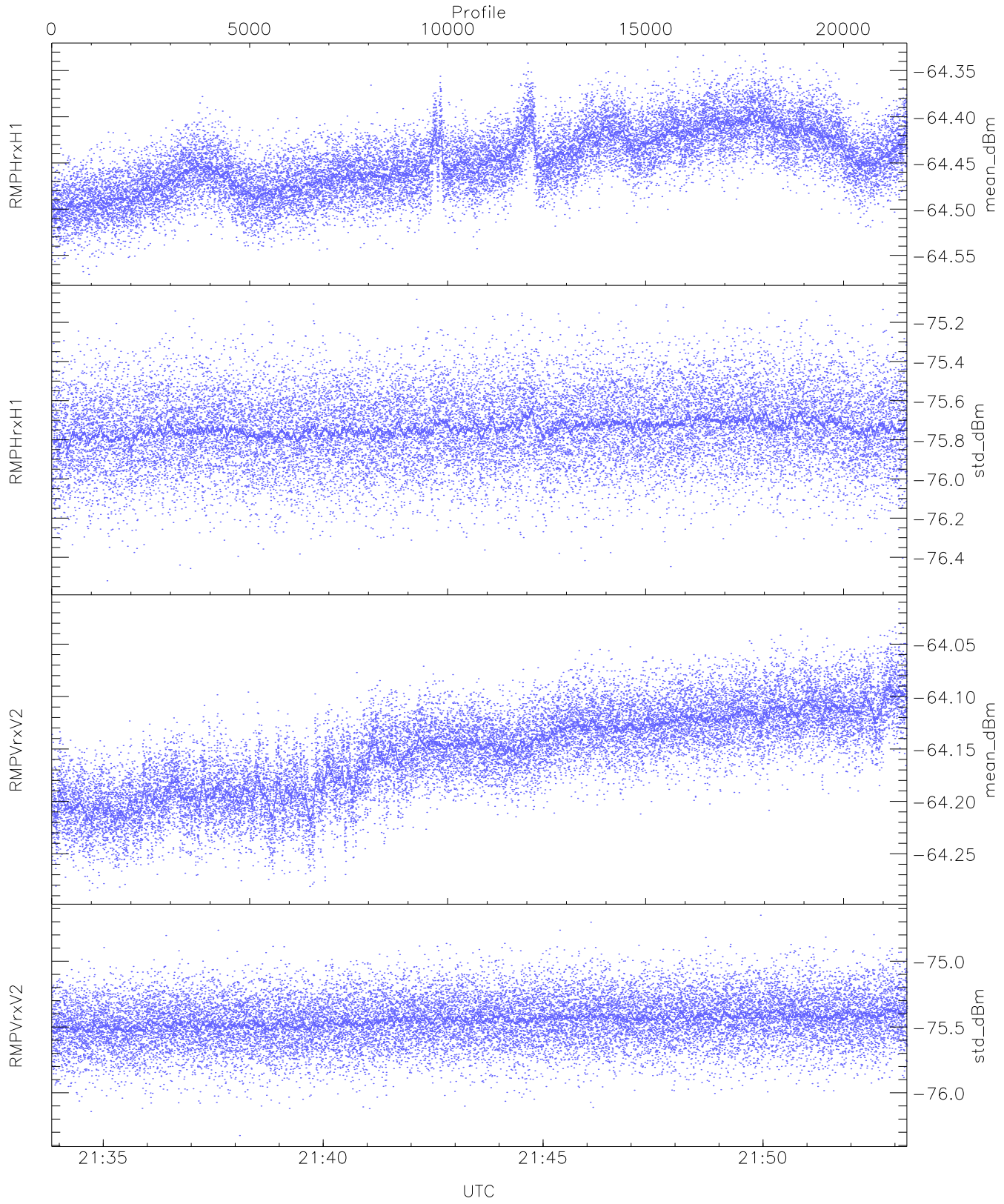
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,22,20,20
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,22,24
LOalarm(20,240,2817,14861 MHz): 0,0,18,0
EIK/Modulator Faults: None



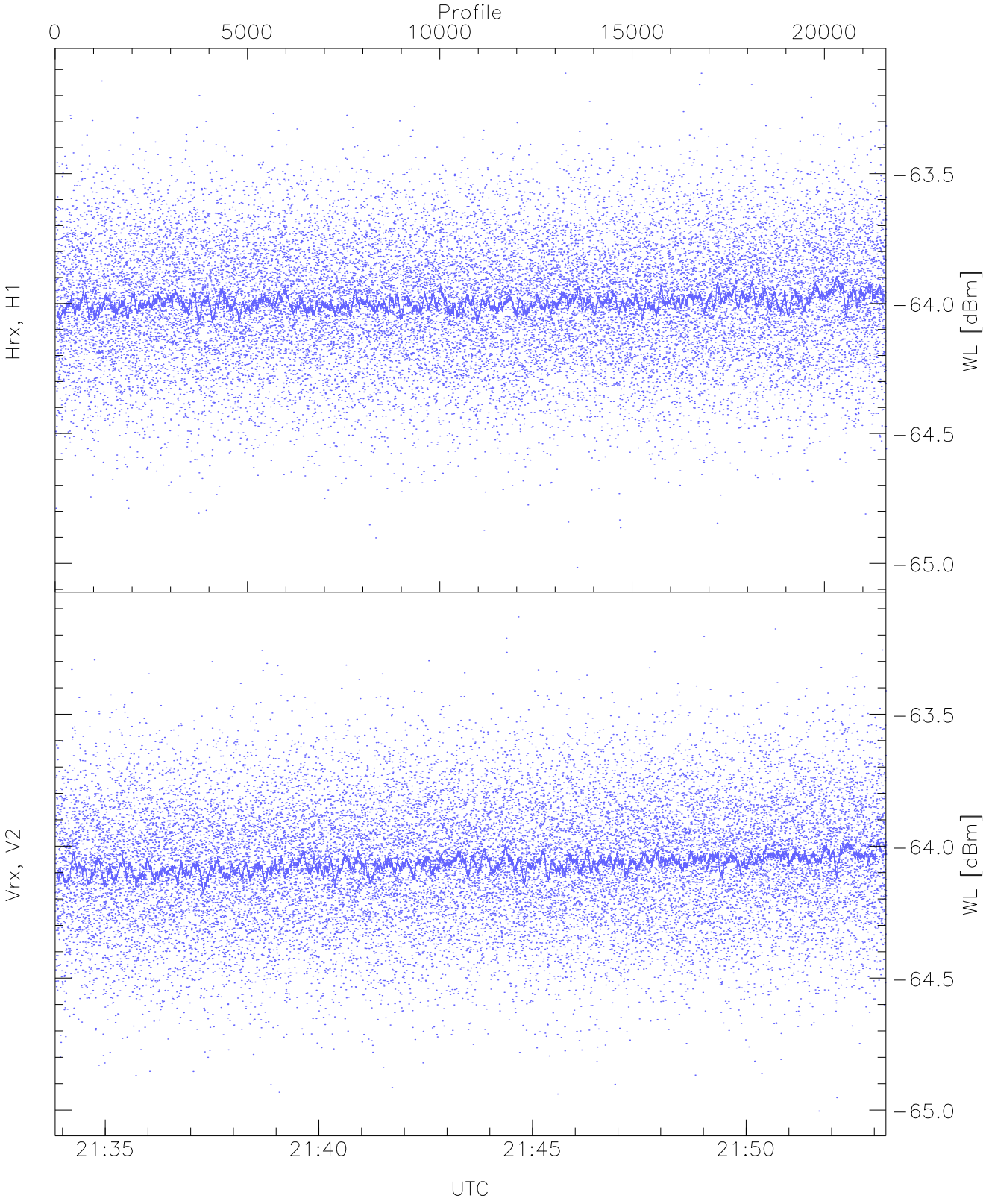
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 7 pixs, 3 gates, 5 profs, 1 prod(s)



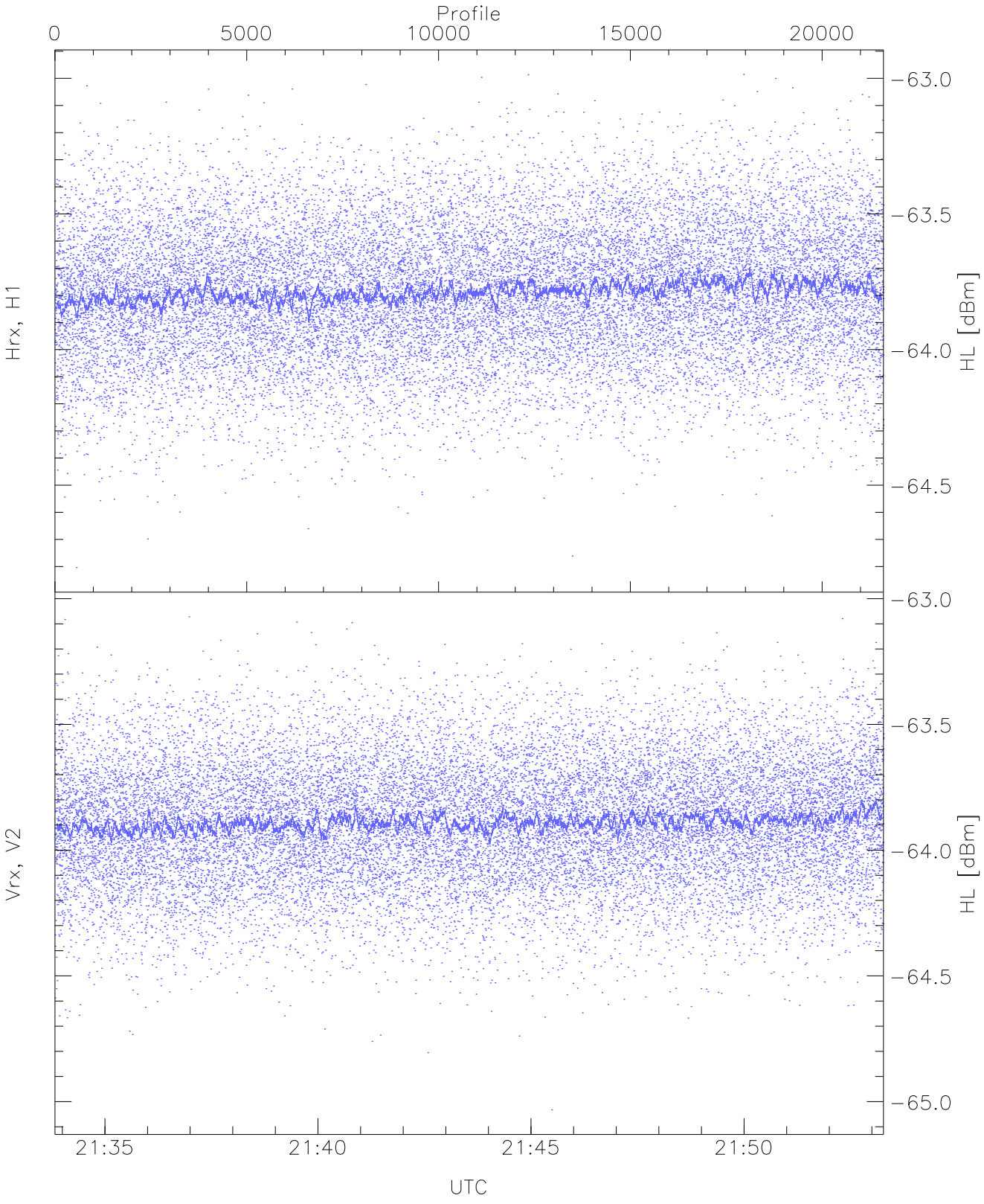
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-64.57	-64.33	-64.45	-64.45	-85.27
RMPHrxH1(std_dBm)	-76.52	-75.08	-75.74	-75.74	-89.48
RMPVrxV2(mean_dBm)	-64.28	-64.02	-64.15	-64.15	-84.21
RMPVrxV2(std_dBm)	-76.33	-74.65	-75.45	-75.45	-89.15



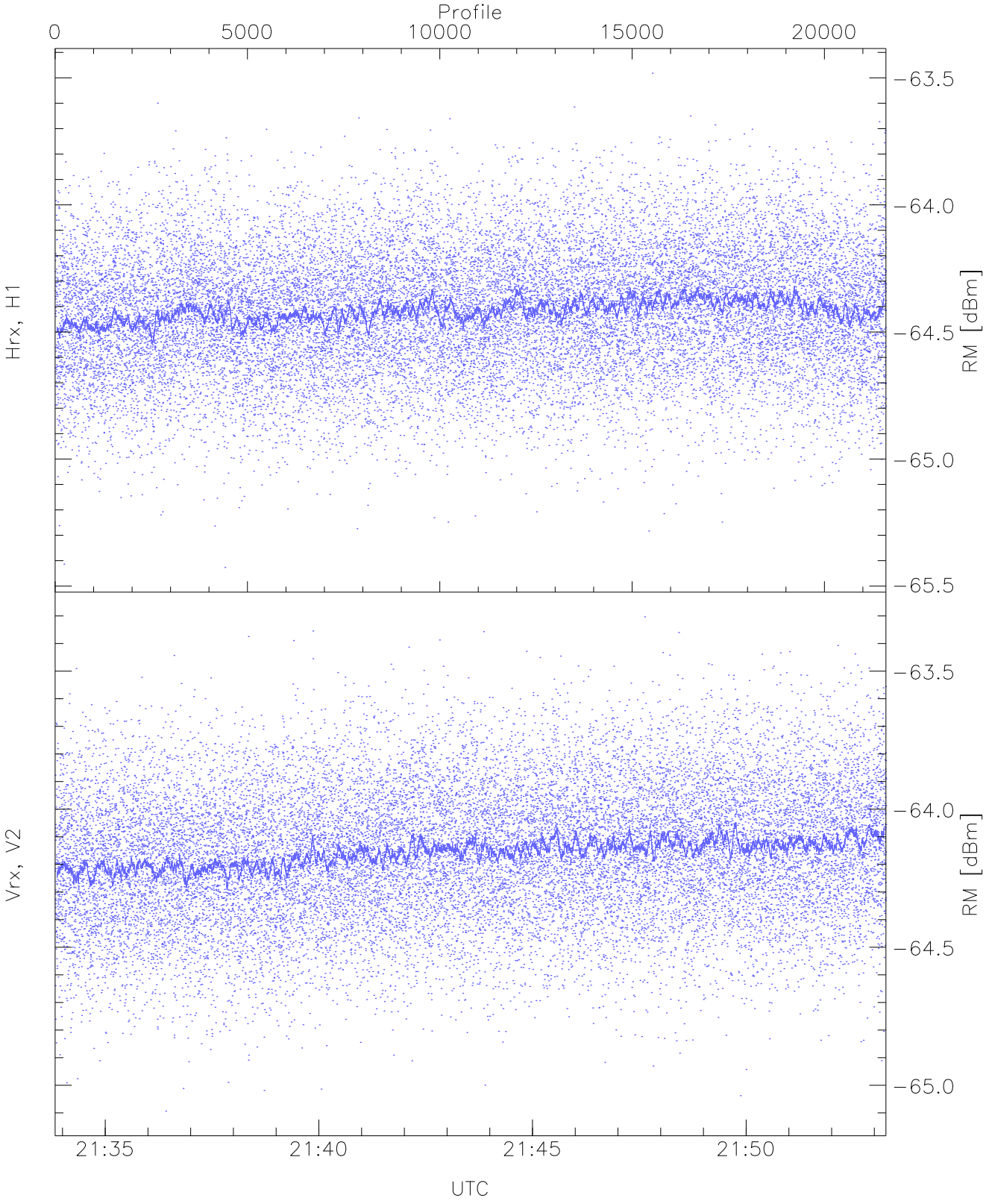
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.02	-63.11	-63.99	-63.99	-76.77
Vrx, V2(WL [dBm])	-65.00	-63.13	-64.06	-64.07	-76.82



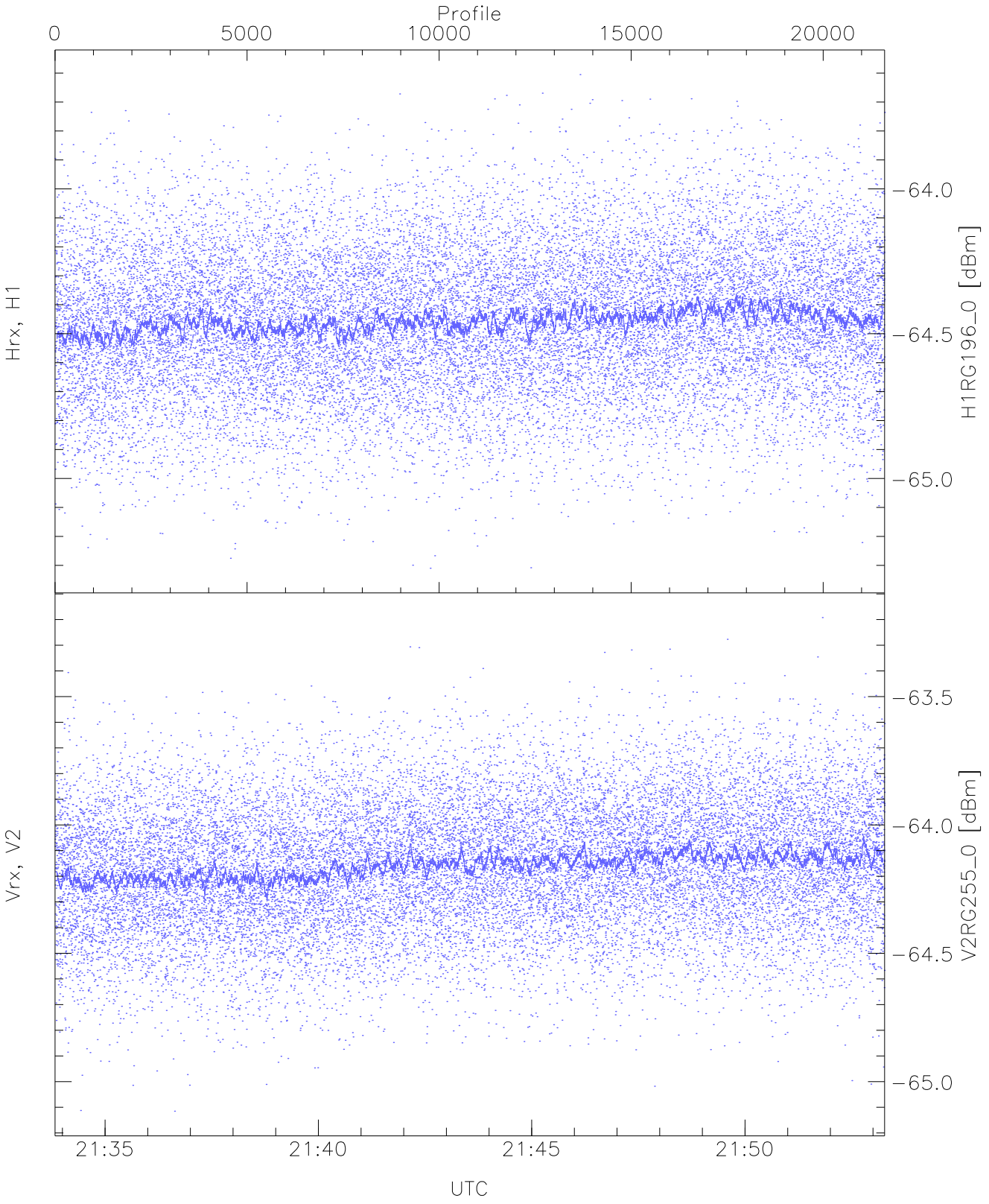
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-64.80	-62.99	-63.78	-63.79	-76.55
Vrx, V2(HL [dBm])	-65.03	-63.07	-63.89	-63.89	-76.67



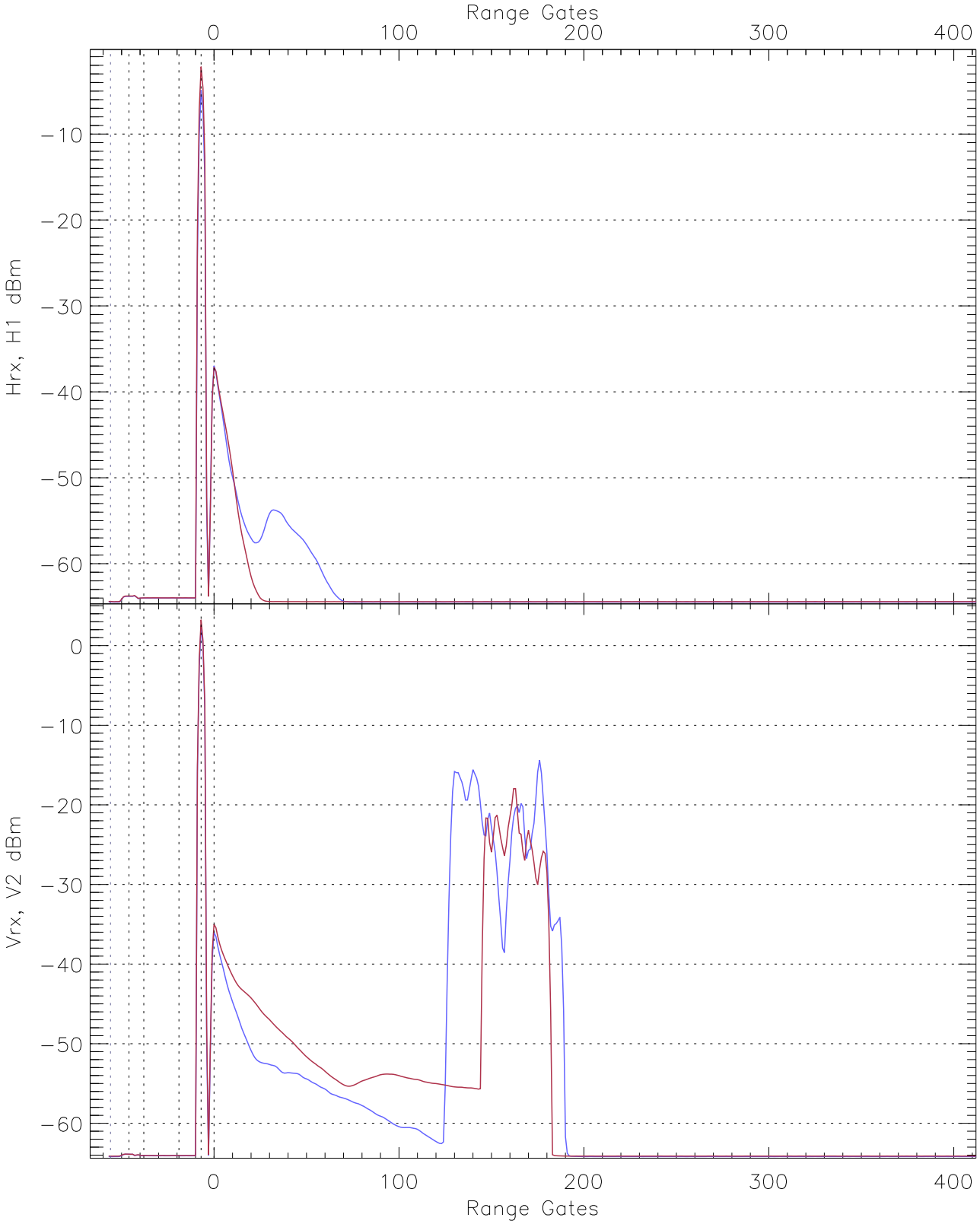
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-65.43	-63.48	-64.41	-64.42	-77.14
Vrx, V2(RM [dBm])	-65.09	-63.30	-64.15	-64.16	-76.89

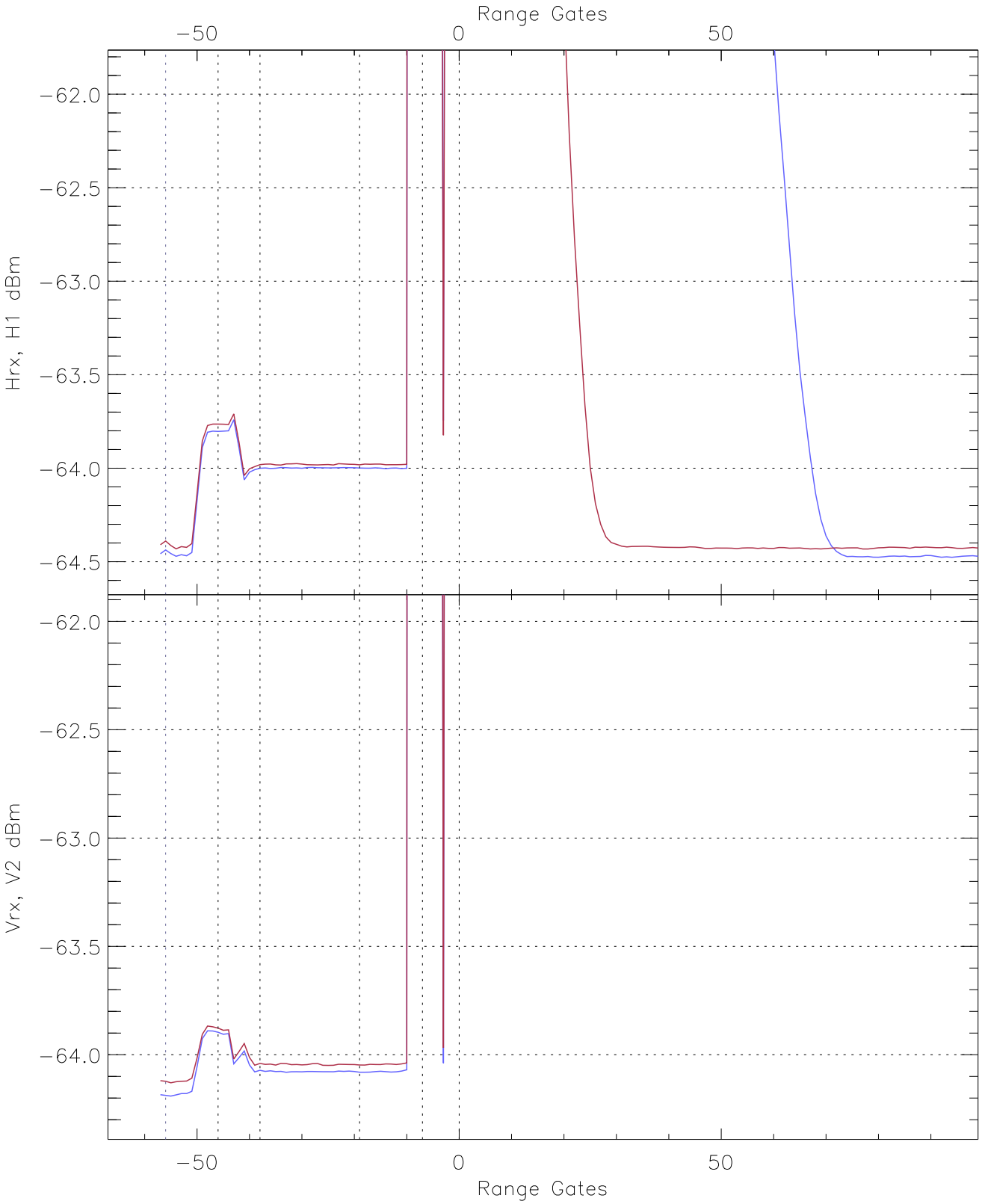


WCR3 CPP "Best" estimate Receivers Noise Power

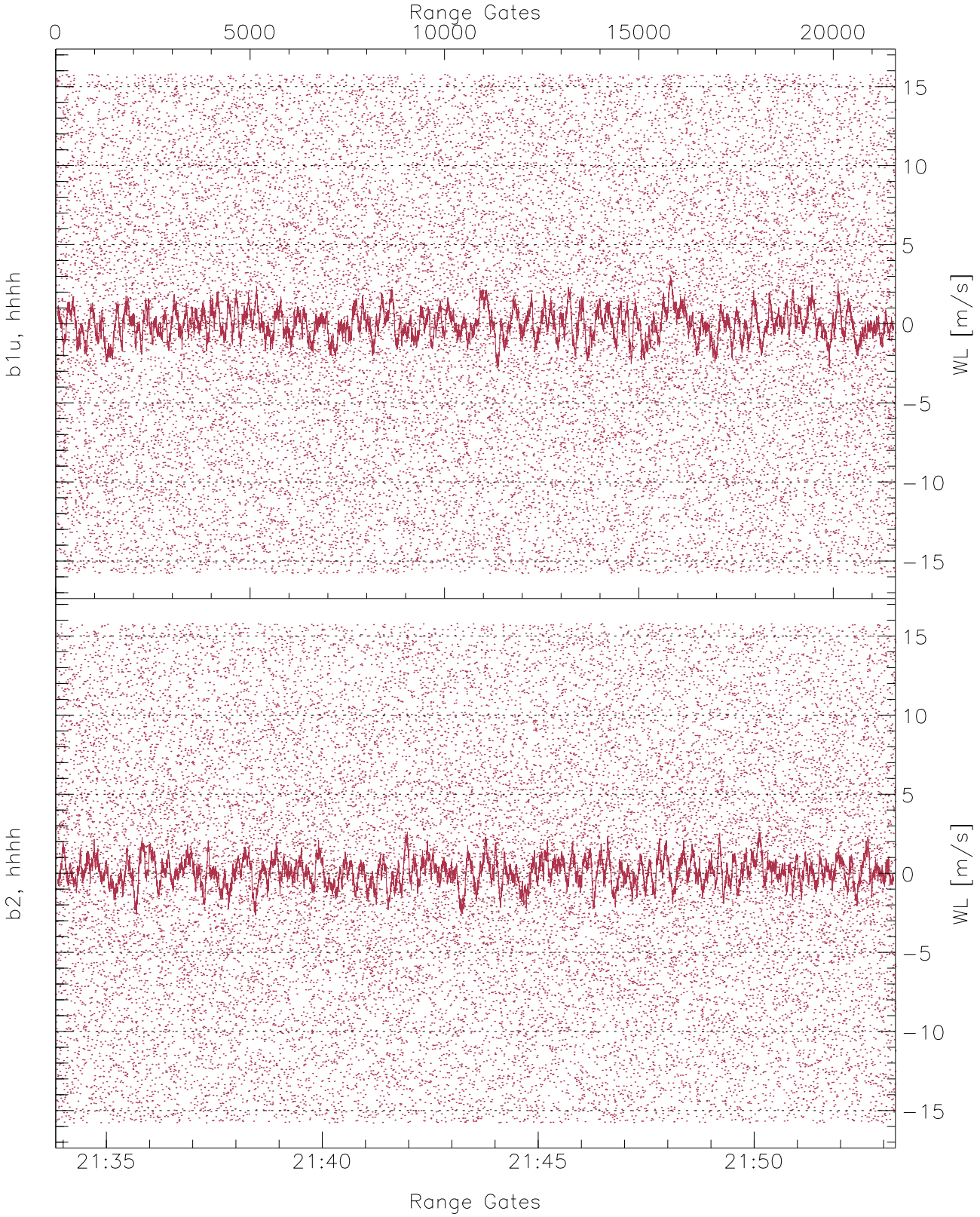
	Min	Max	Mean	Median	StDev
H1RG196_0 [dBm]	-65.31	-63.61	-64.45	-64.46	-77.17
V2RG255_0 [dBm]	-65.12	-63.19	-64.16	-64.16	-76.86



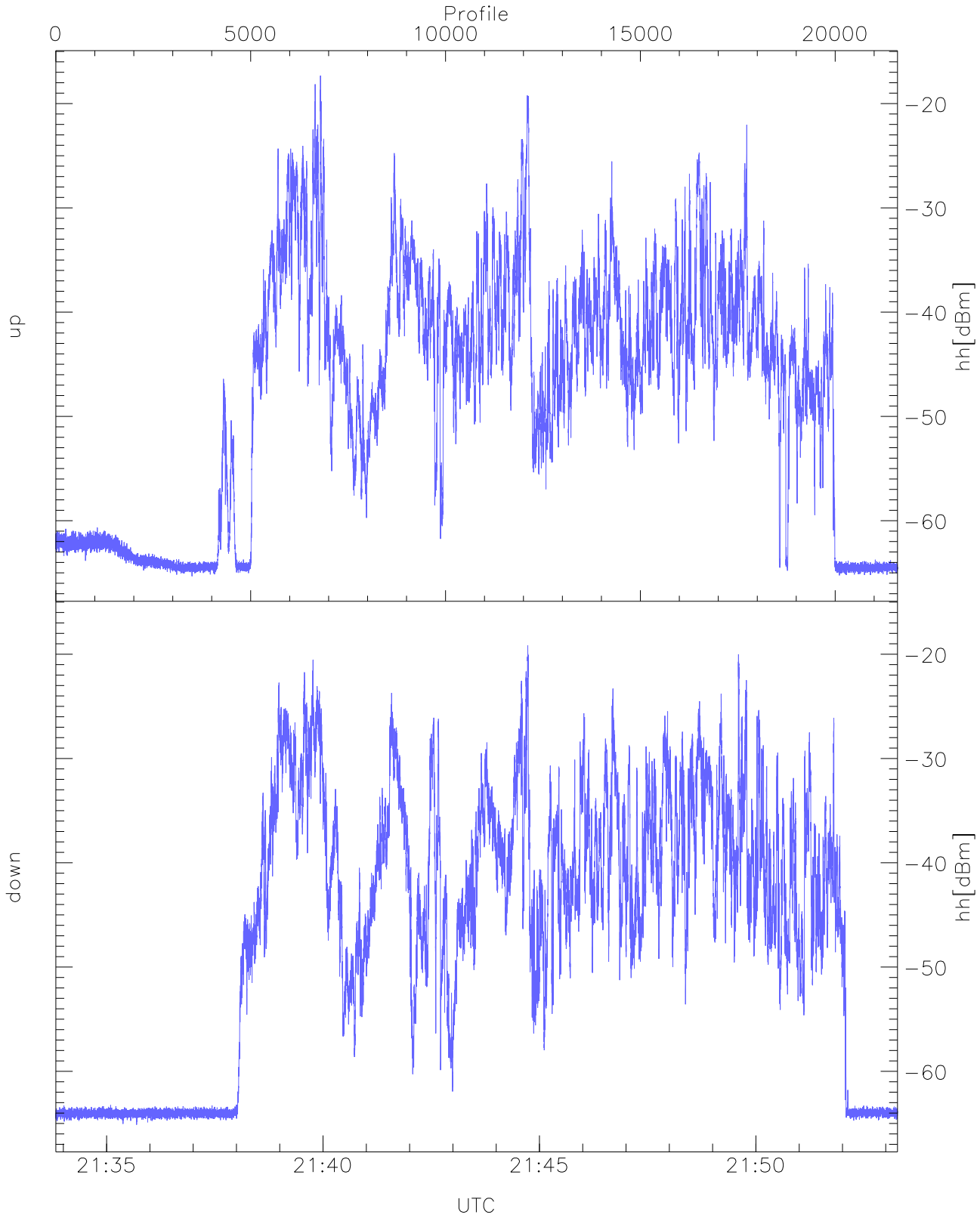
WCR3 CPP Averaged Received power for all recorded gates
blue: 213350-214333, 10801 profiles averaged
red: 214333-215316, 10800 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 213350−214333, 10801 profiles averaged
red: 214333−215316, 10800 profiles averaged

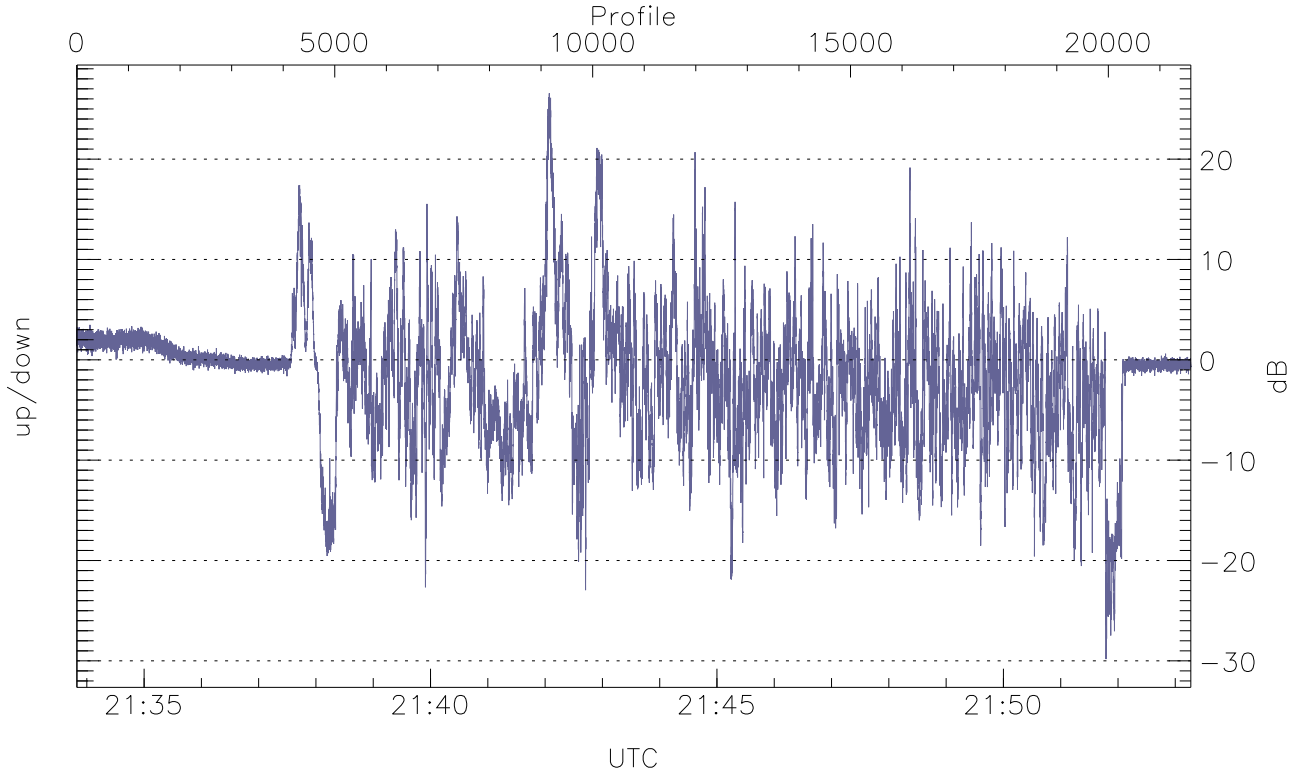


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



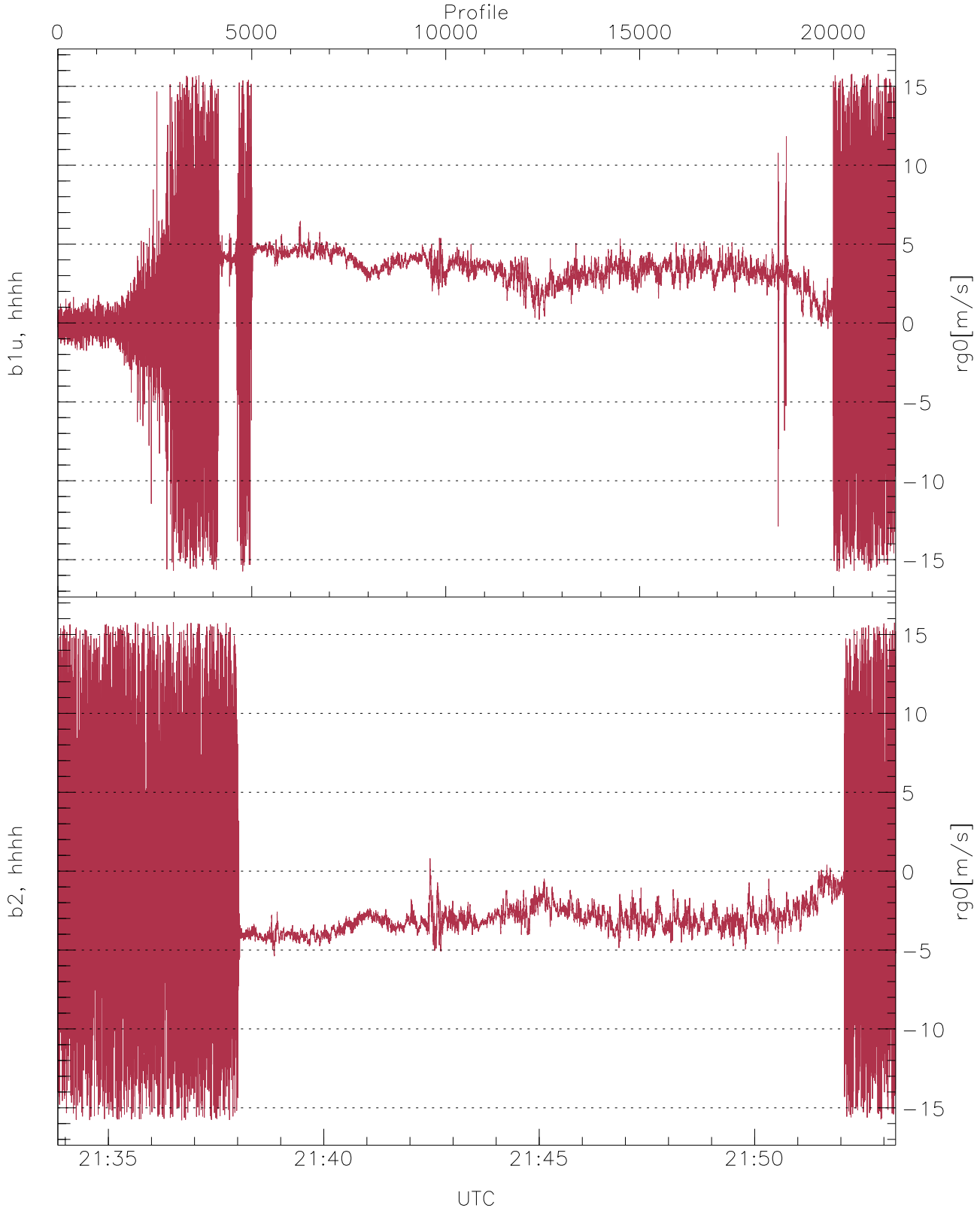
WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.33	-17.32	-37.05
down(hh[dBm])	-65.12	-19.16	-35.49



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down(dB)	-29.82	26.56	-1.62



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.76	15.79	2.47	3.66
b2, hhhh(rg0[m/s])	-15.79	15.79	-2.18	4.47