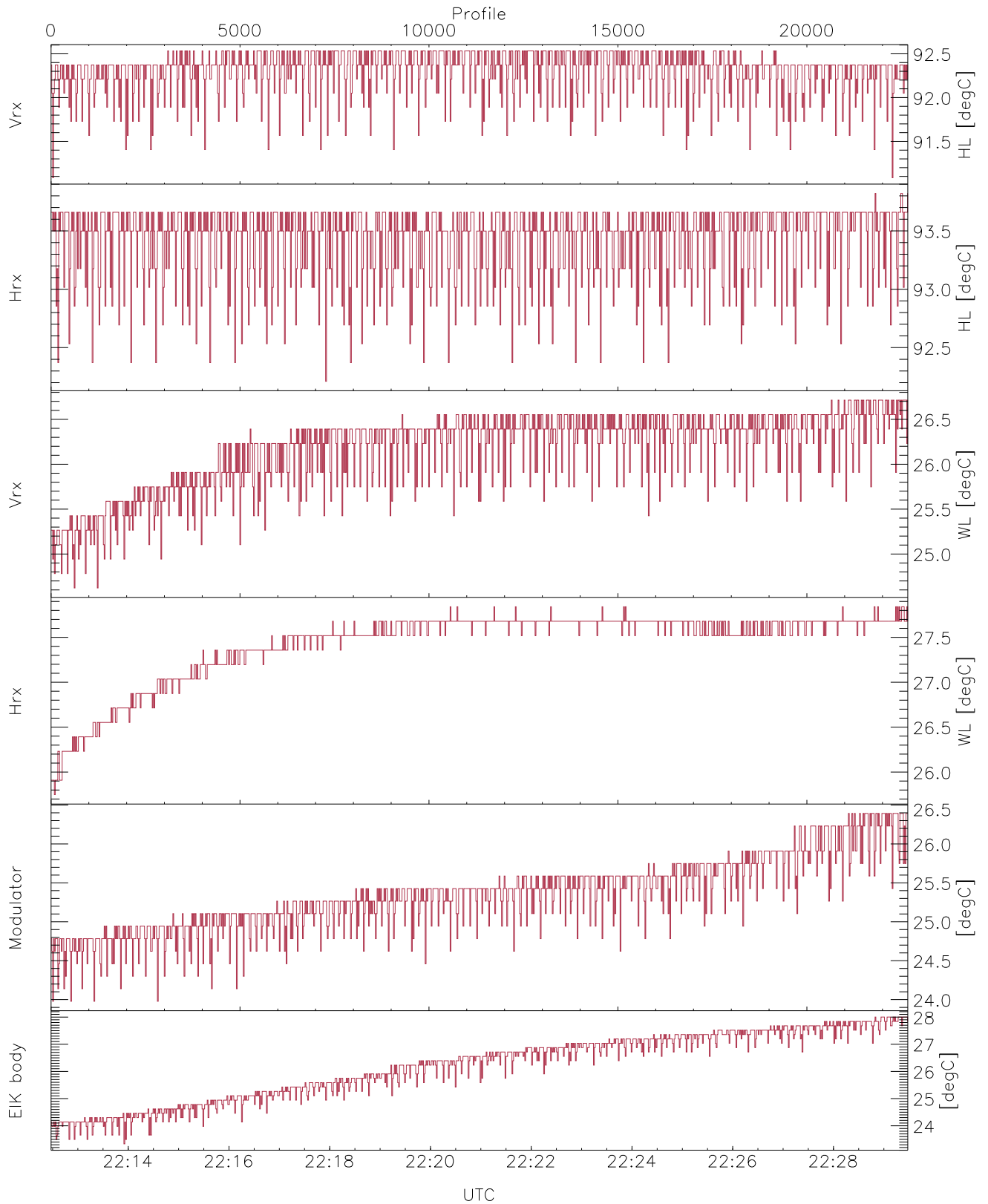


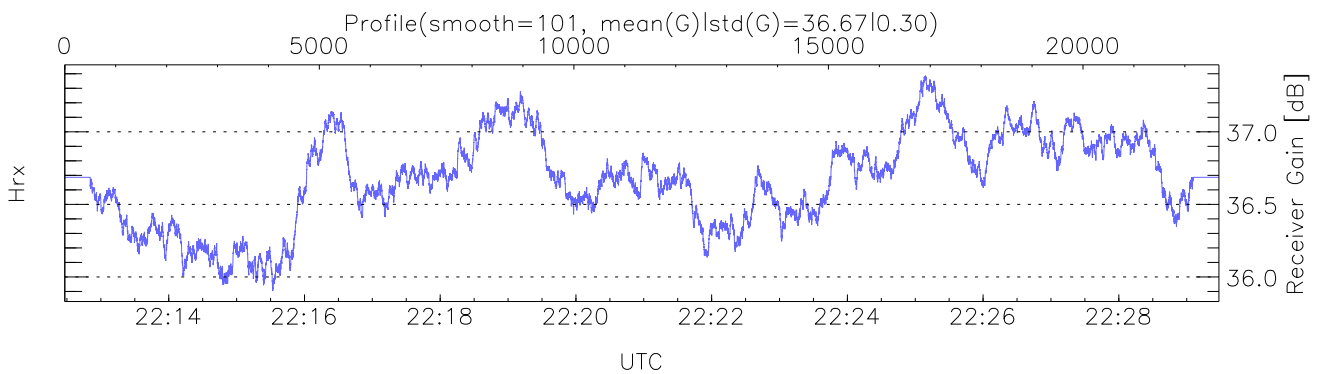
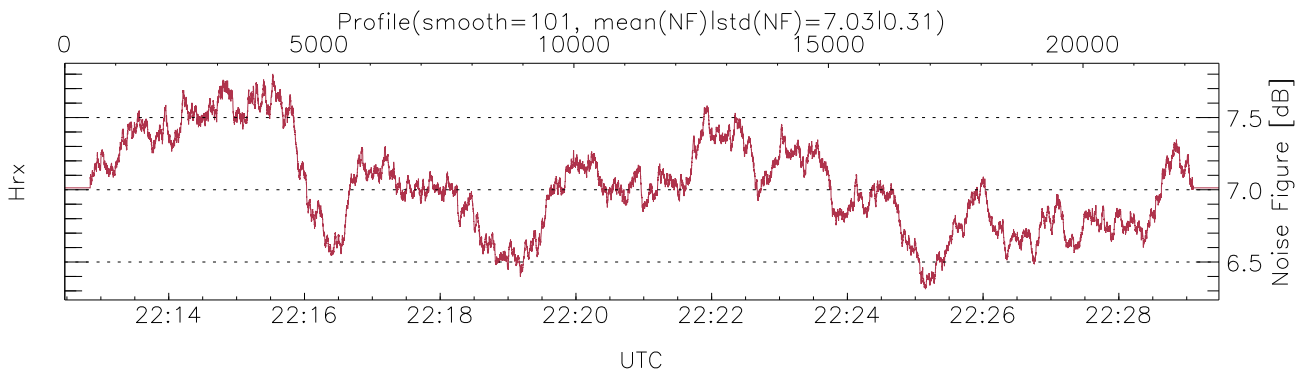
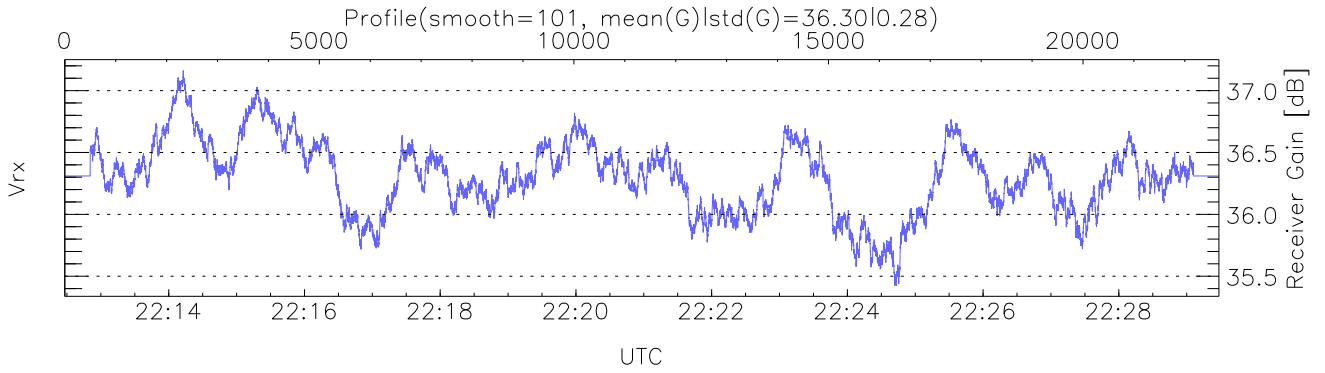
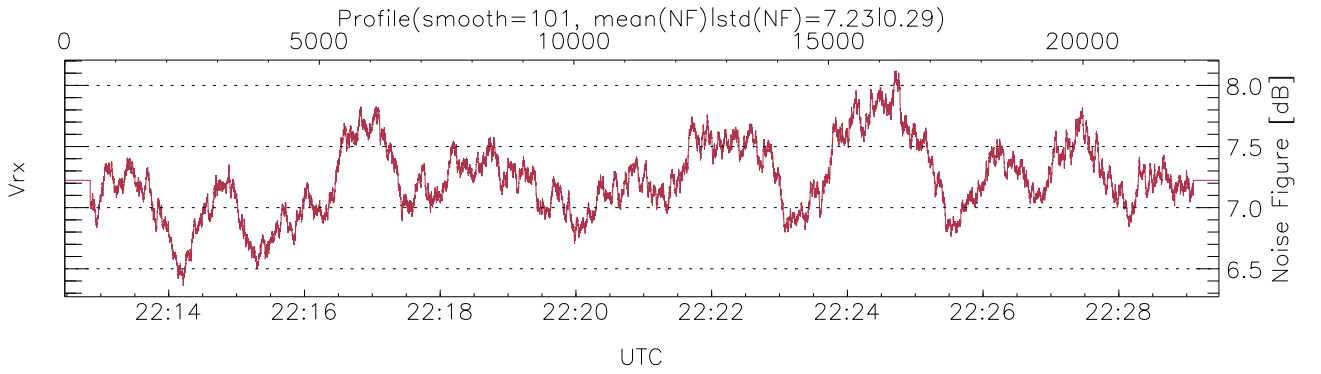
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:12:28-22:29:29, 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, 0-22671/22:12:28-22:29:29
 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



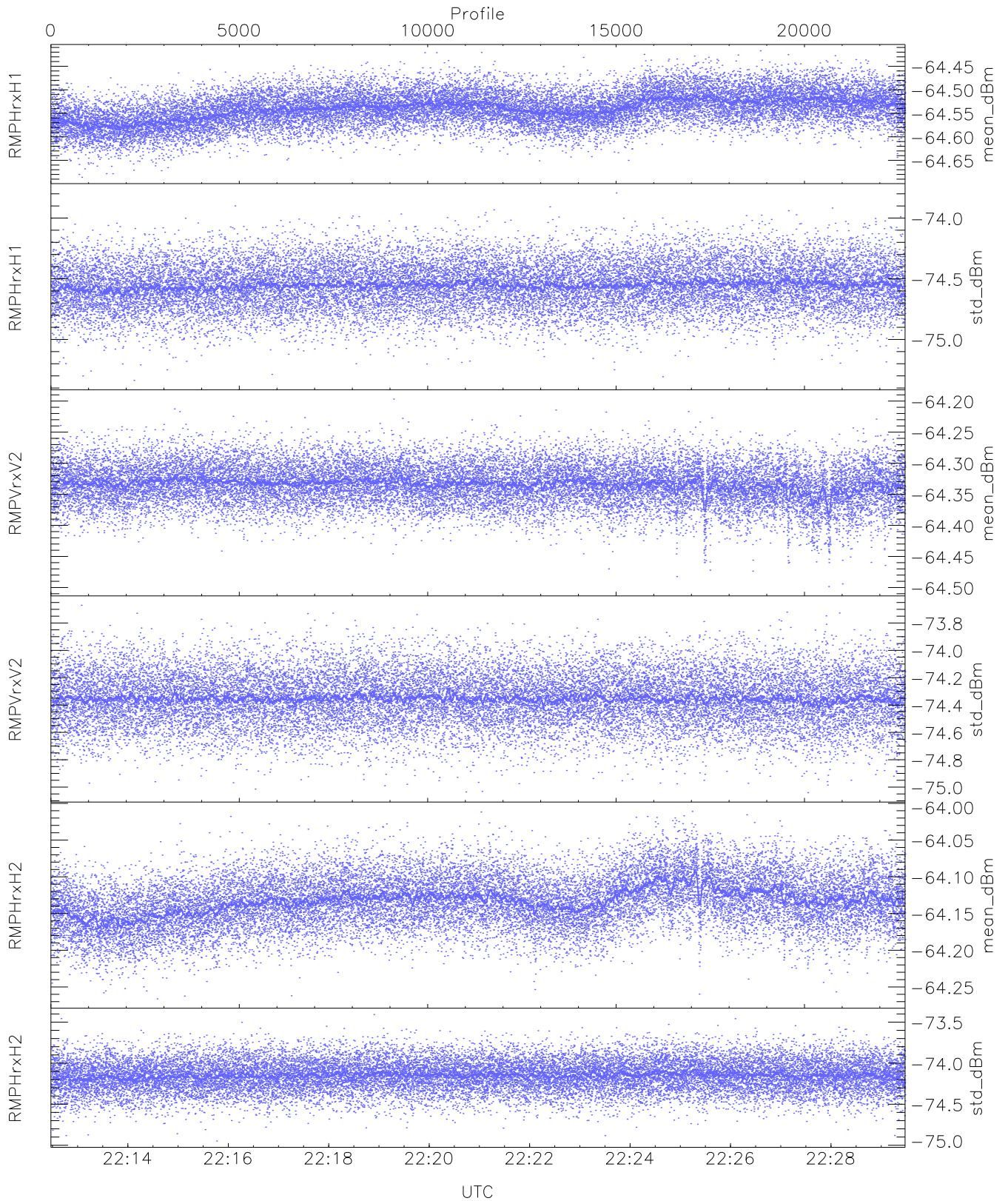
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,25,23,23`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,27,26,28`
`LOalarm(20,240,2817,14861 MHz): None`
`EIK Faults(# prof affected):`
`BodyCurr,DeckF (24,46)`



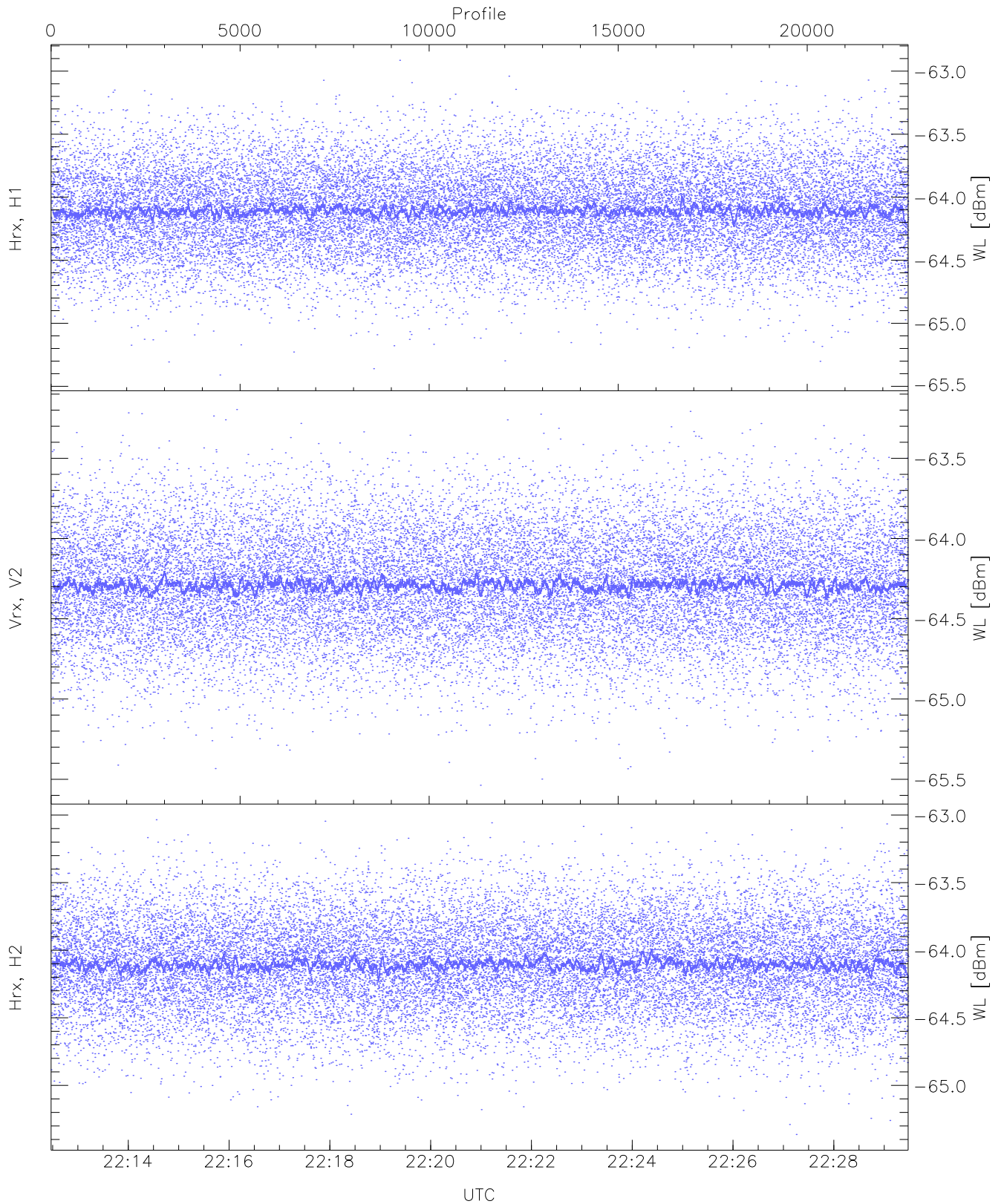
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 669 pixs, 14 gates, 616 profs, 2 prod(s)



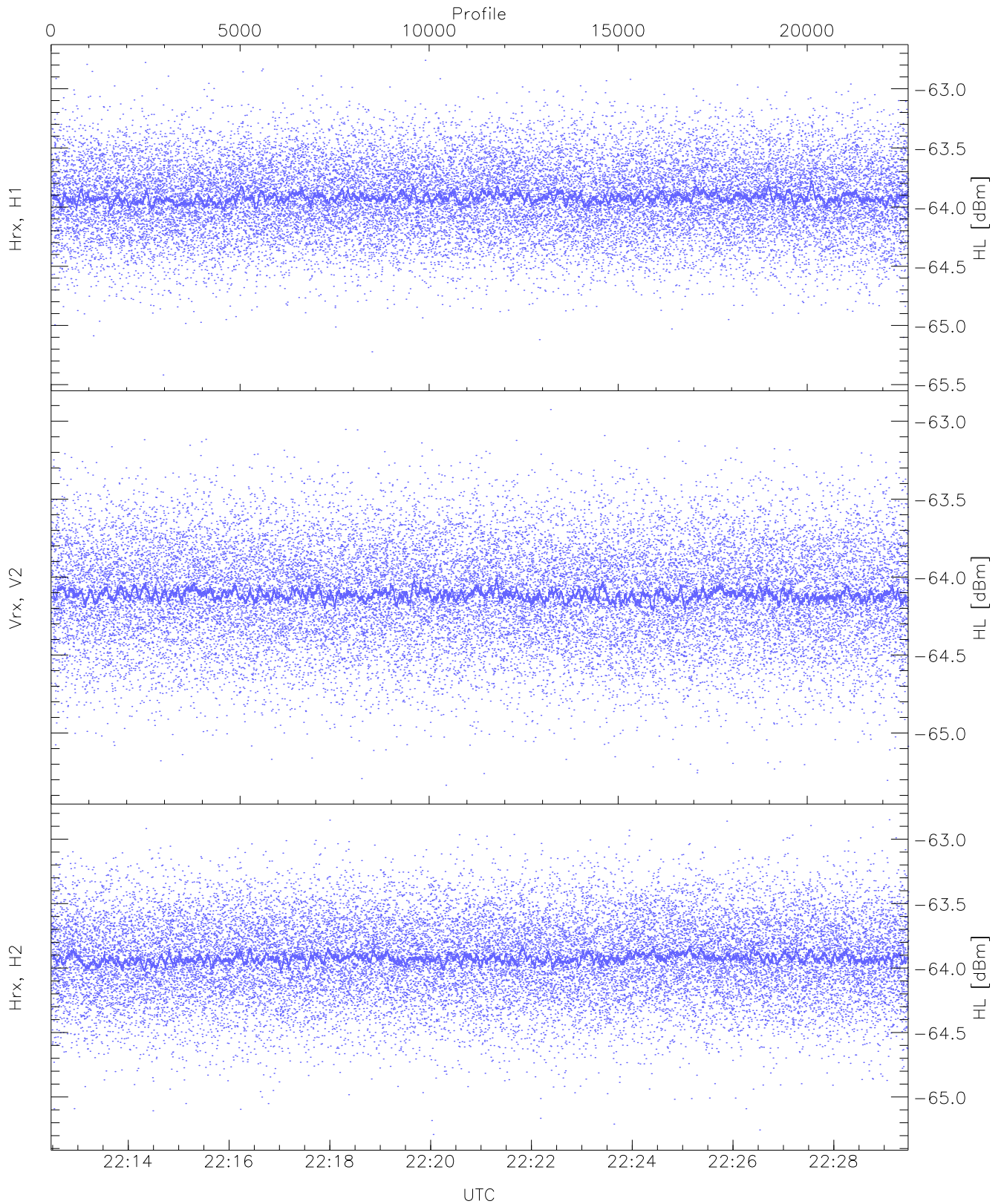
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-64.69	-64.42	-64.54	-64.54	-85.50
RMPHrxH1(std_dBm)	-75.34	-73.79	-74.55	-74.56	-88.32
RMPVrxV2(mean_dBm)	-64.50	-64.20	-64.33	-64.33	-85.70
RMPVrxV2(std_dBm)	-75.04	-73.67	-74.35	-74.35	-88.12
RMPHrxH2(mean_dBm)	-64.27	-64.01	-64.13	-64.13	-85.21
RMPHrxH2(std_dBm)	-74.95	-73.41	-74.15	-74.15	-87.91



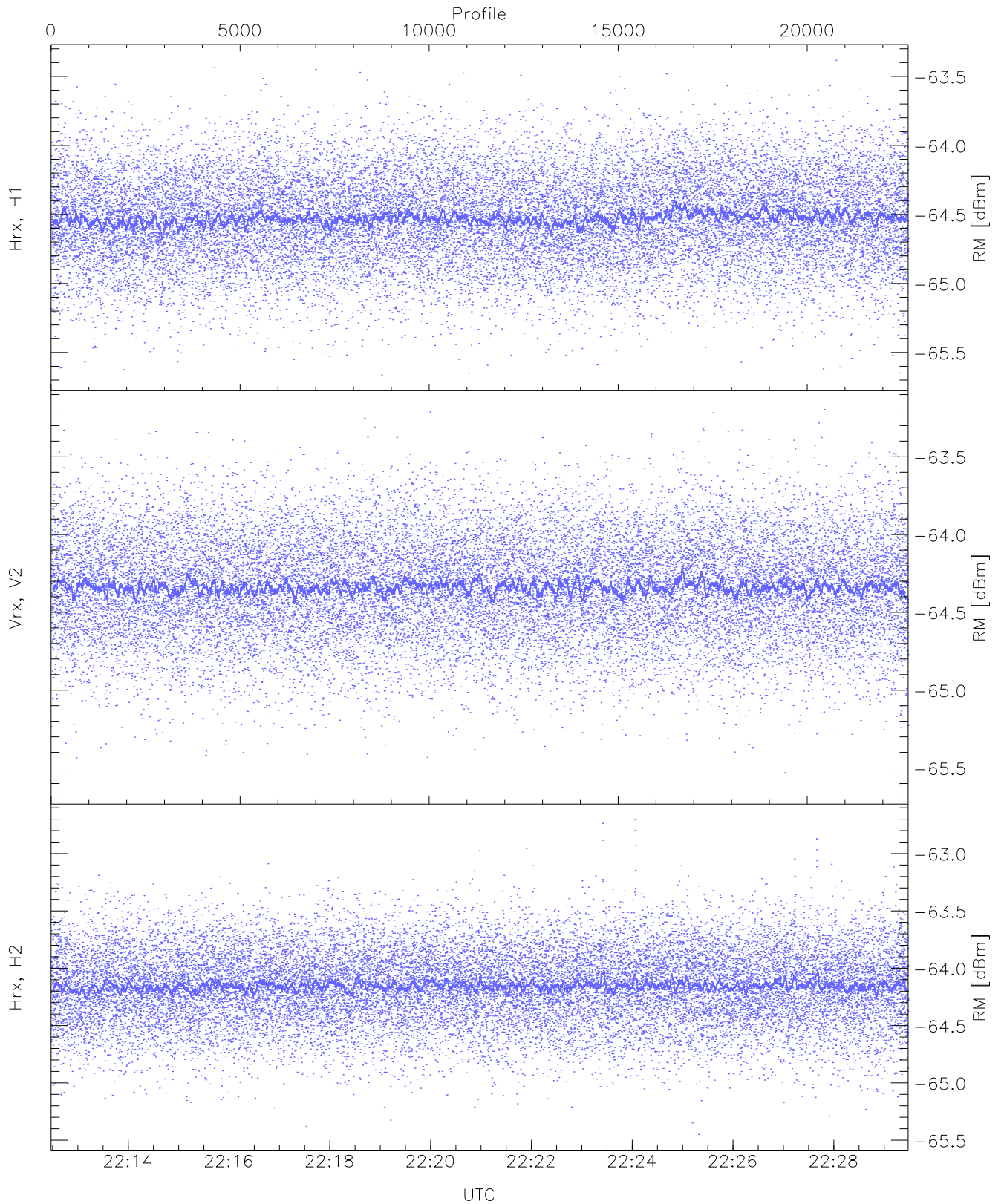
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.41	-62.91	-64.10	-64.11	-75.58
Vrx, V2 (WL [dBm])	-65.54	-63.20	-64.28	-64.29	-75.84
Hrx, H2 (WL [dBm])	-65.36	-63.04	-64.10	-64.11	-75.61



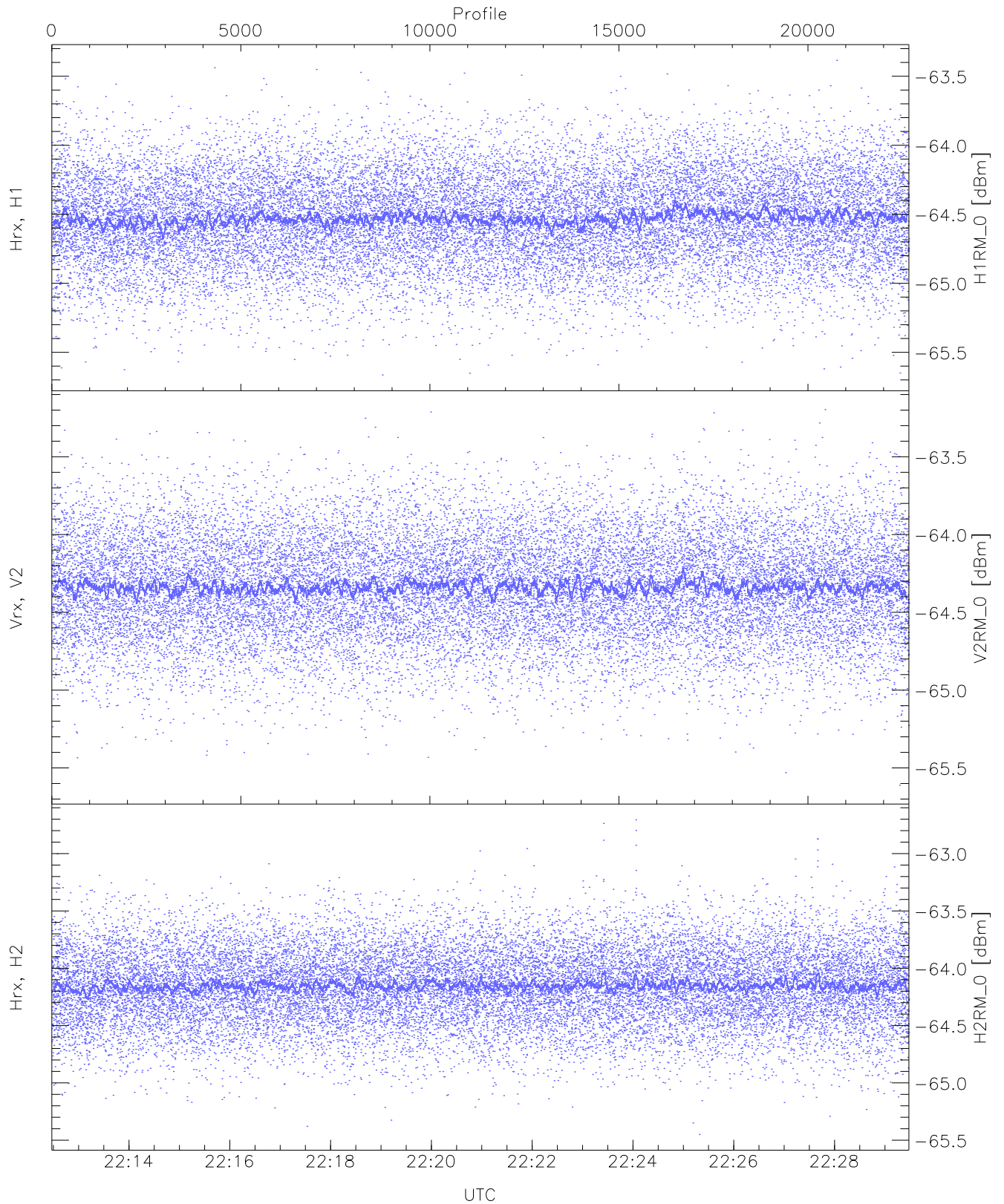
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.42	-62.76	-63.91	-63.92	-75.39
Vrx, V2 (HL [dBm])	-65.34	-62.93	-64.11	-64.11	-75.59
Hrx, H2 (HL [dBm])	-65.29	-62.85	-63.92	-63.92	-75.42



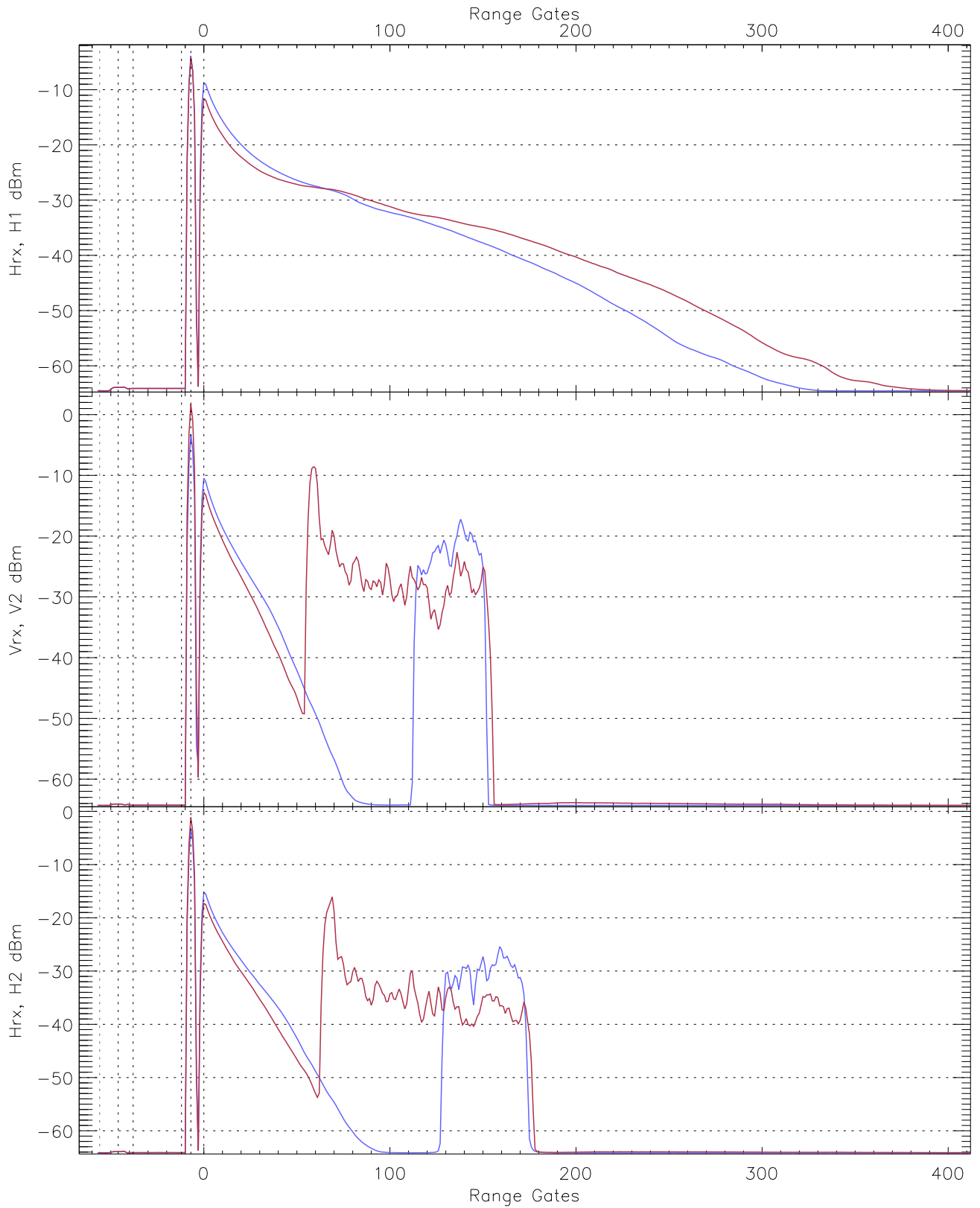
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.66	-63.38	-64.52	-64.53	-76.04
Vrx, V2 (RM [dBm])	-65.61	-63.20	-64.33	-64.34	-75.83
Hrx, H2 (RM [dBm])	-65.45	-62.70	-64.15	-64.15	-75.61

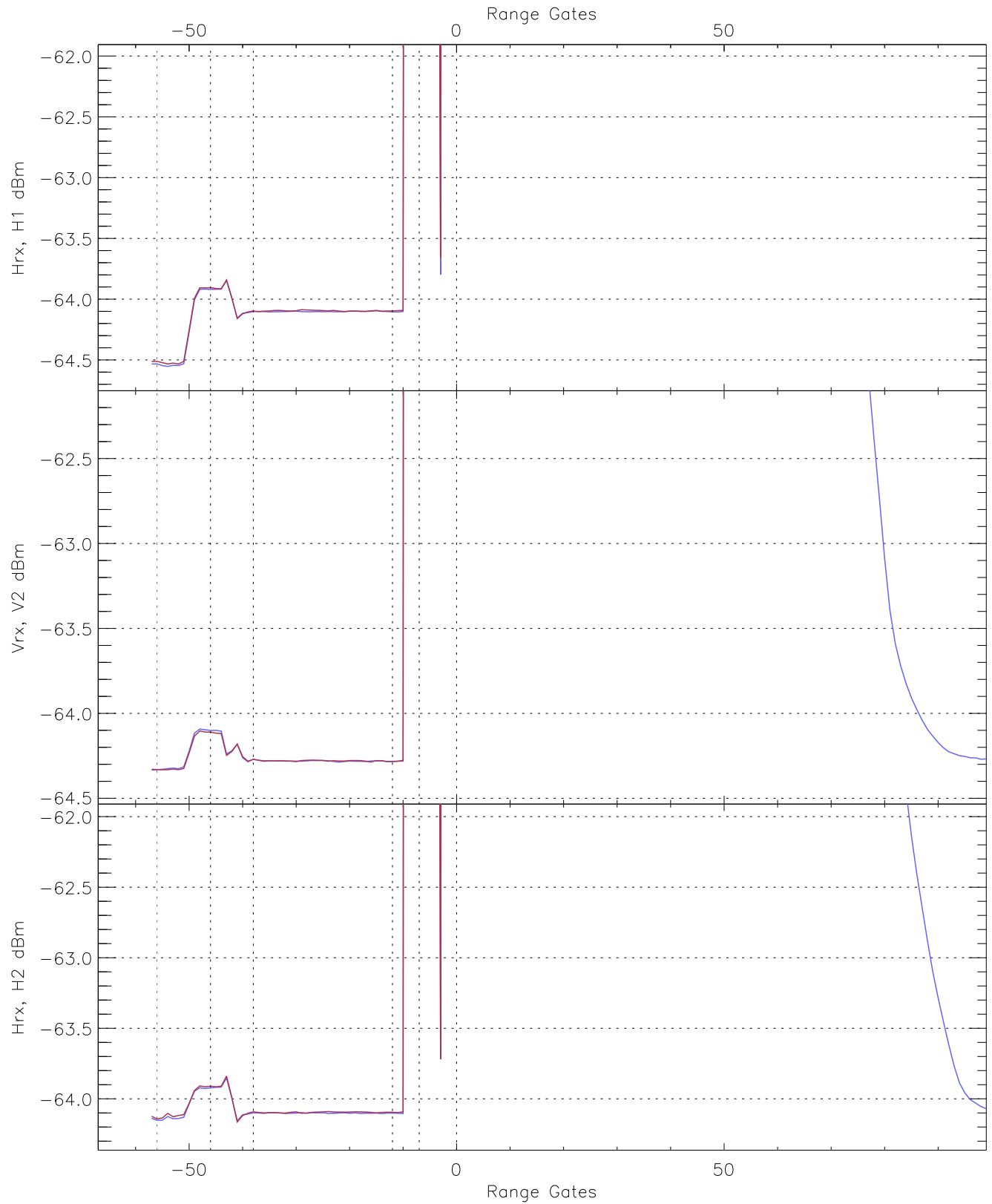


WCR3 CPP "Best" estimate Receivers Noise Power

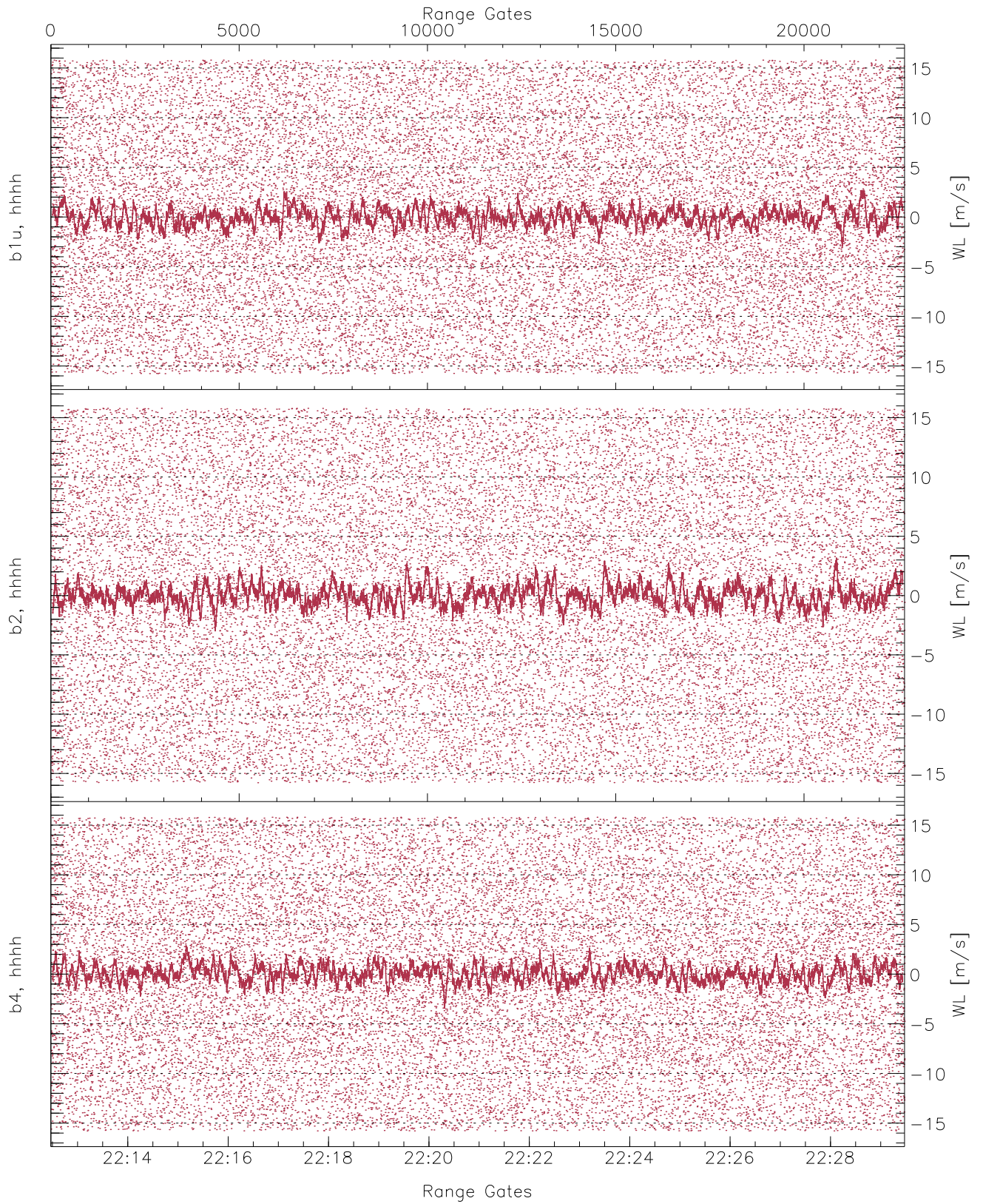
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-65.66	-63.38	-64.52	-64.53	-76.04
V2RM_0 [dBm]	-65.61	-63.20	-64.33	-64.34	-75.83
H2RM_0 [dBm]	-65.45	-62.70	-64.15	-64.15	-75.61



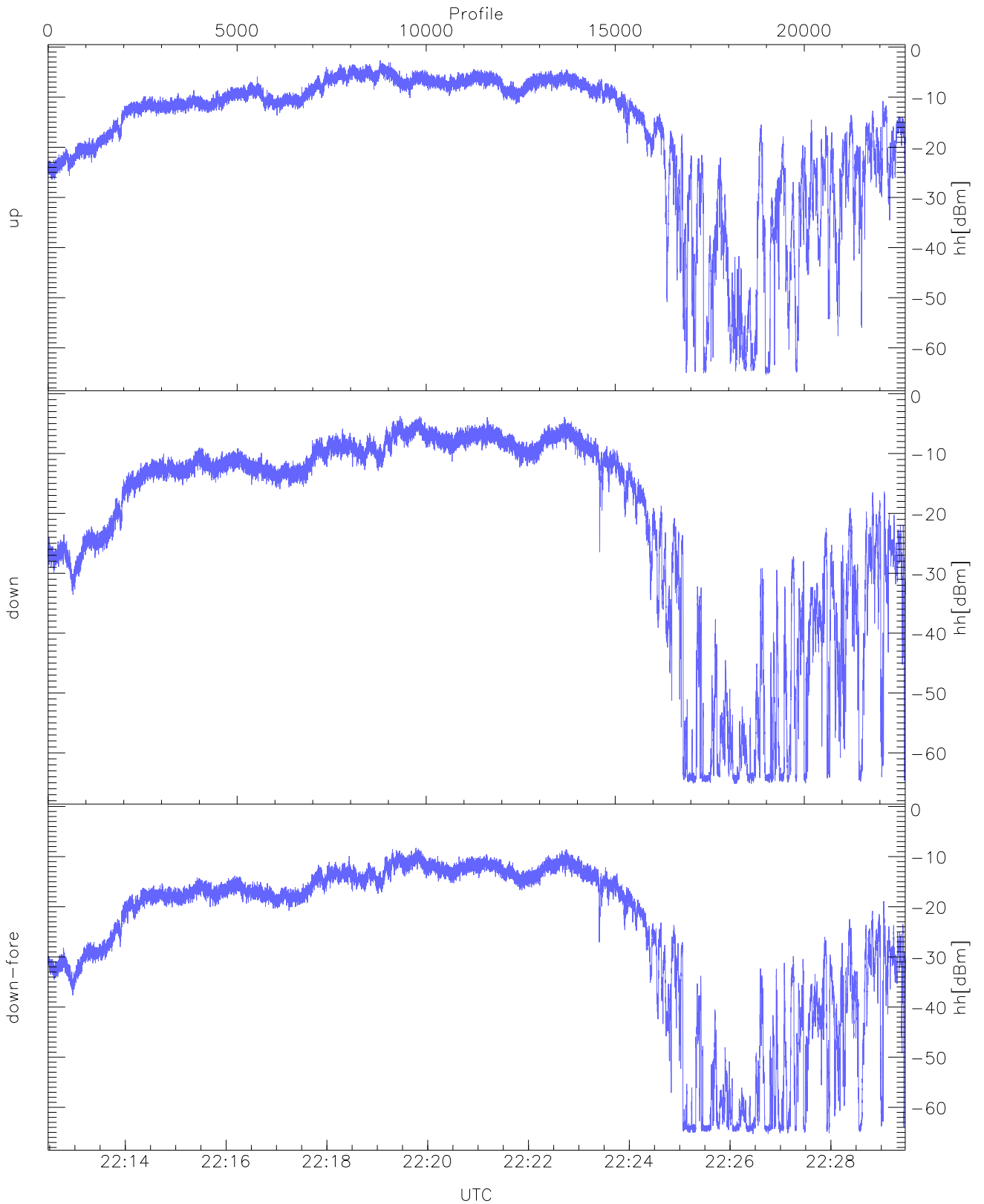
WCR3 CPP Averaged Received power for all recorded gates
blue: 221228-222058, 11337 profiles averaged
red: 222058-222929, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 221228-222058, 11337 profiles averaged
red: 222058-222929, 11336 profiles averaged

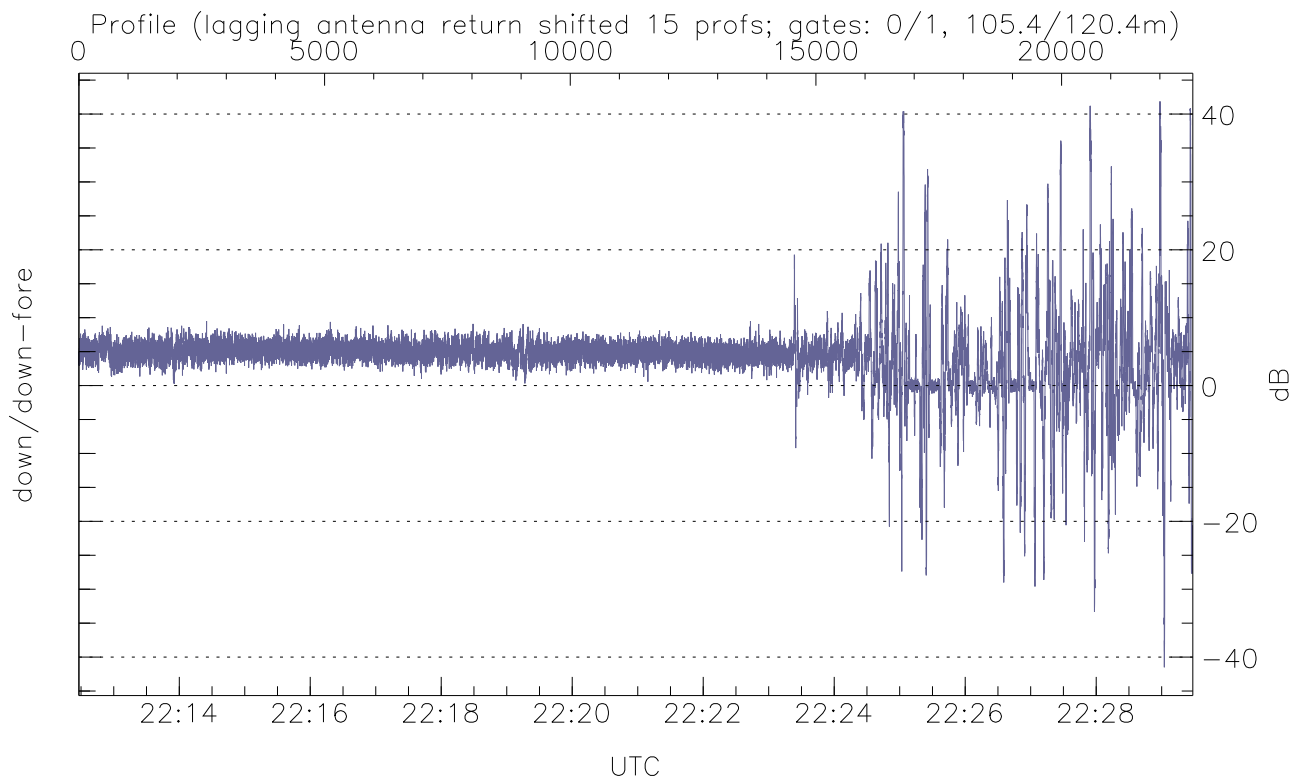
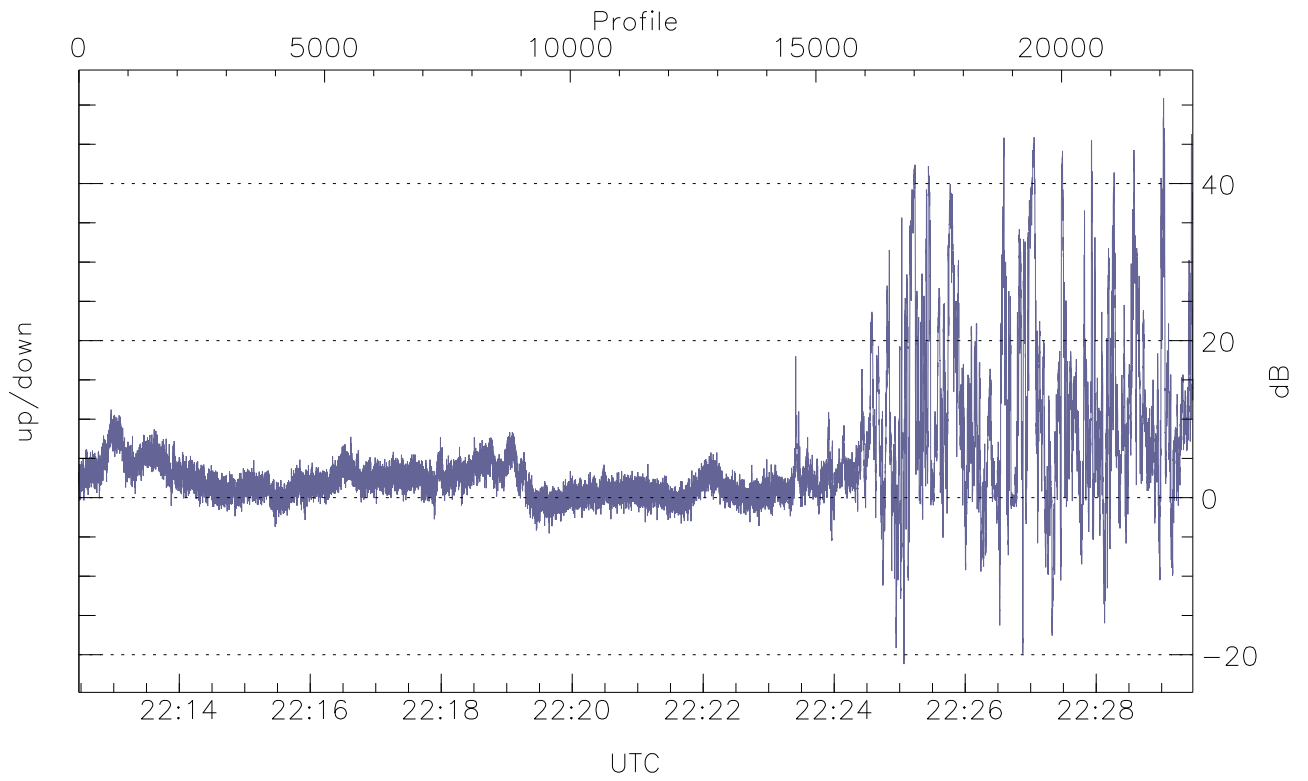


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



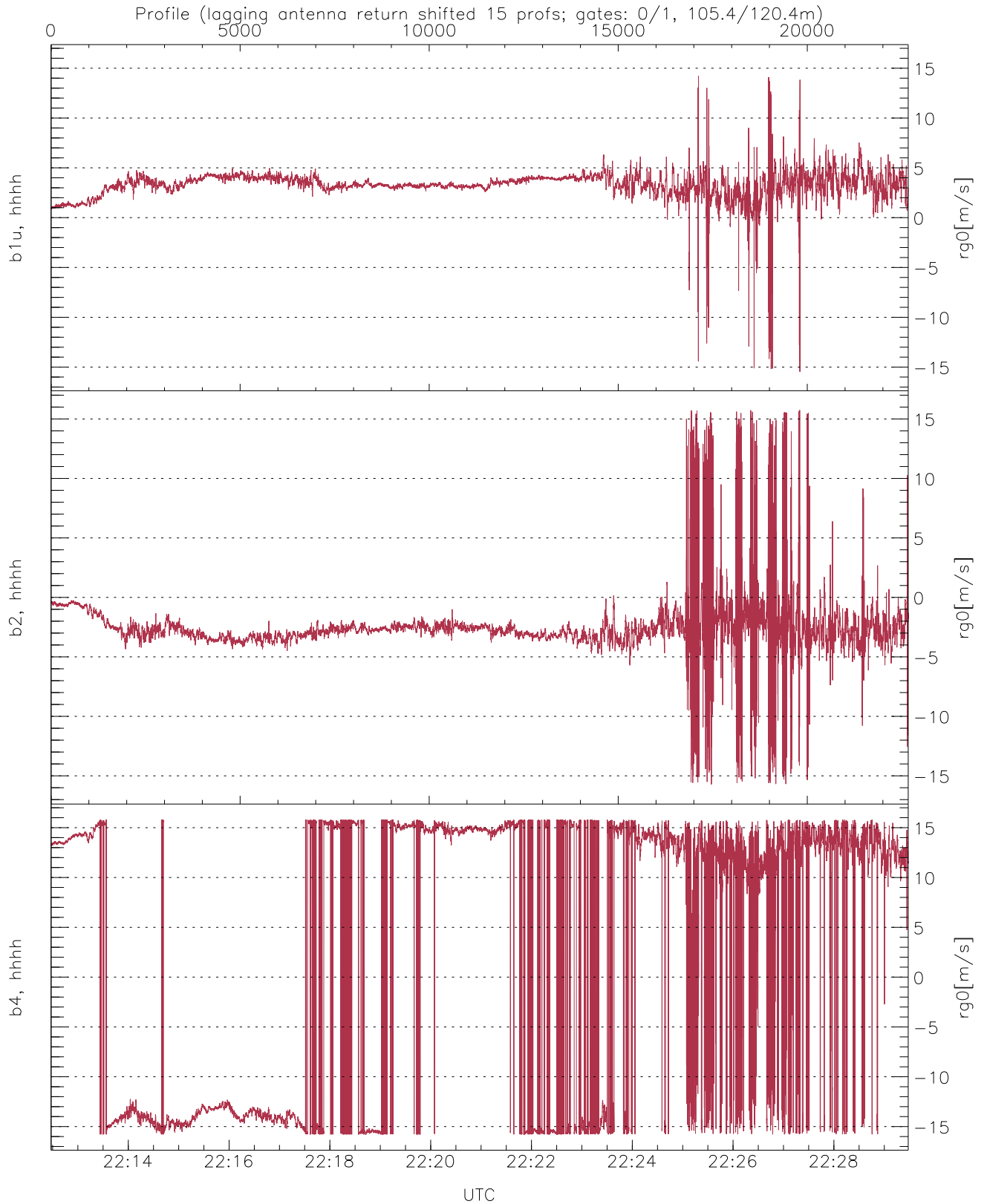
WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.41	-2.65	-9.98
down(hh[dBm])	-65.18	-3.75	-11.50
down-fore(hh[dBm])	-65.31	-8.24	-16.15



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

	Min	Max	Mean
up/down (dB)	-21.19	50.85	4.80
down/down-fore (dB)	-41.50	41.85	4.30



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.47	14.23	3.27	1.26
b2, hhhh(rg0[m/s])	-15.72	15.75	-2.51	2.25
b4, hhhh(rg0[m/s])	-15.79	15.79	2.65	13.87