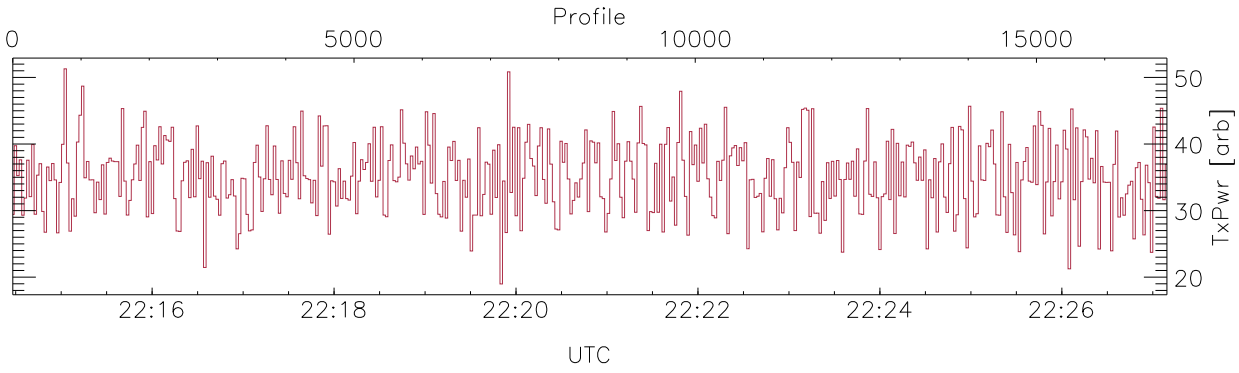
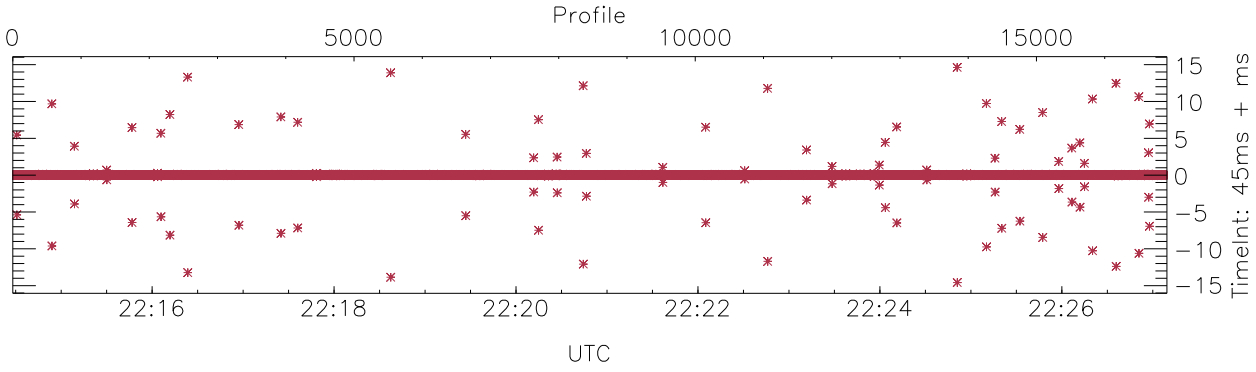
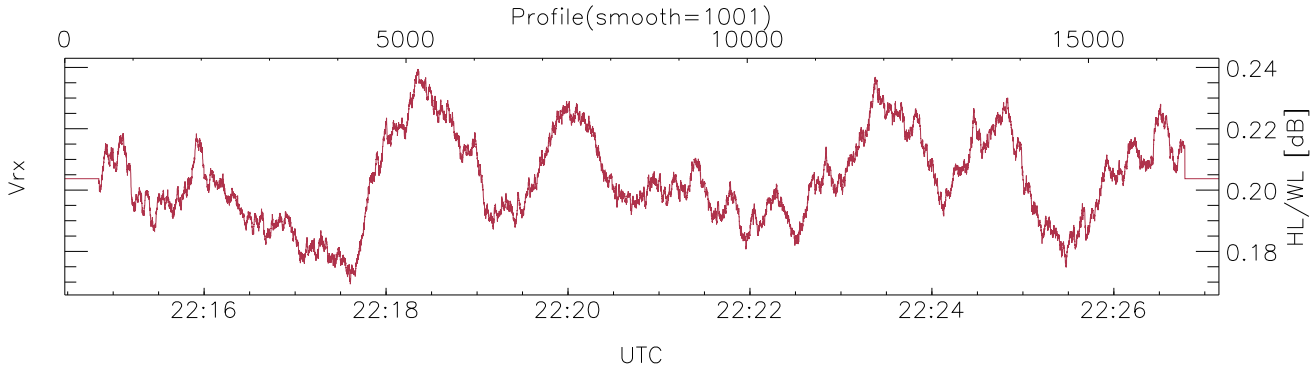
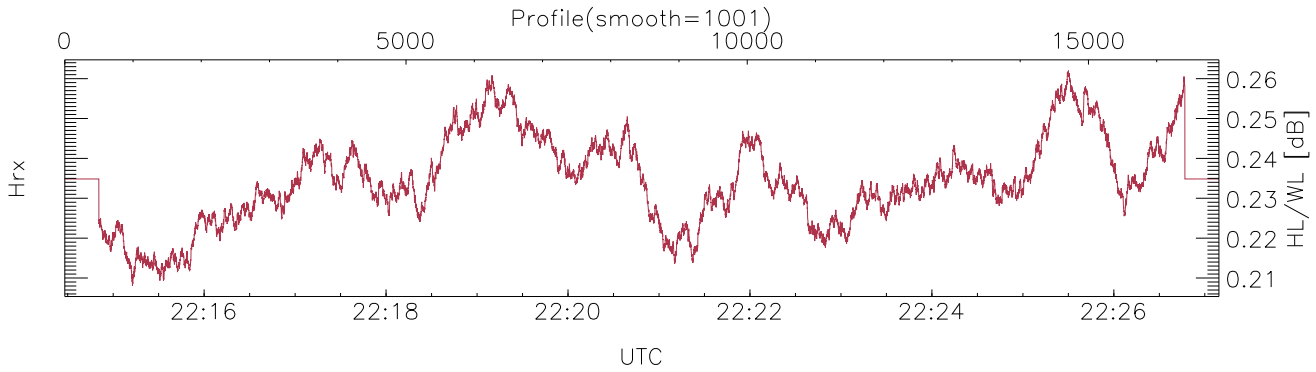


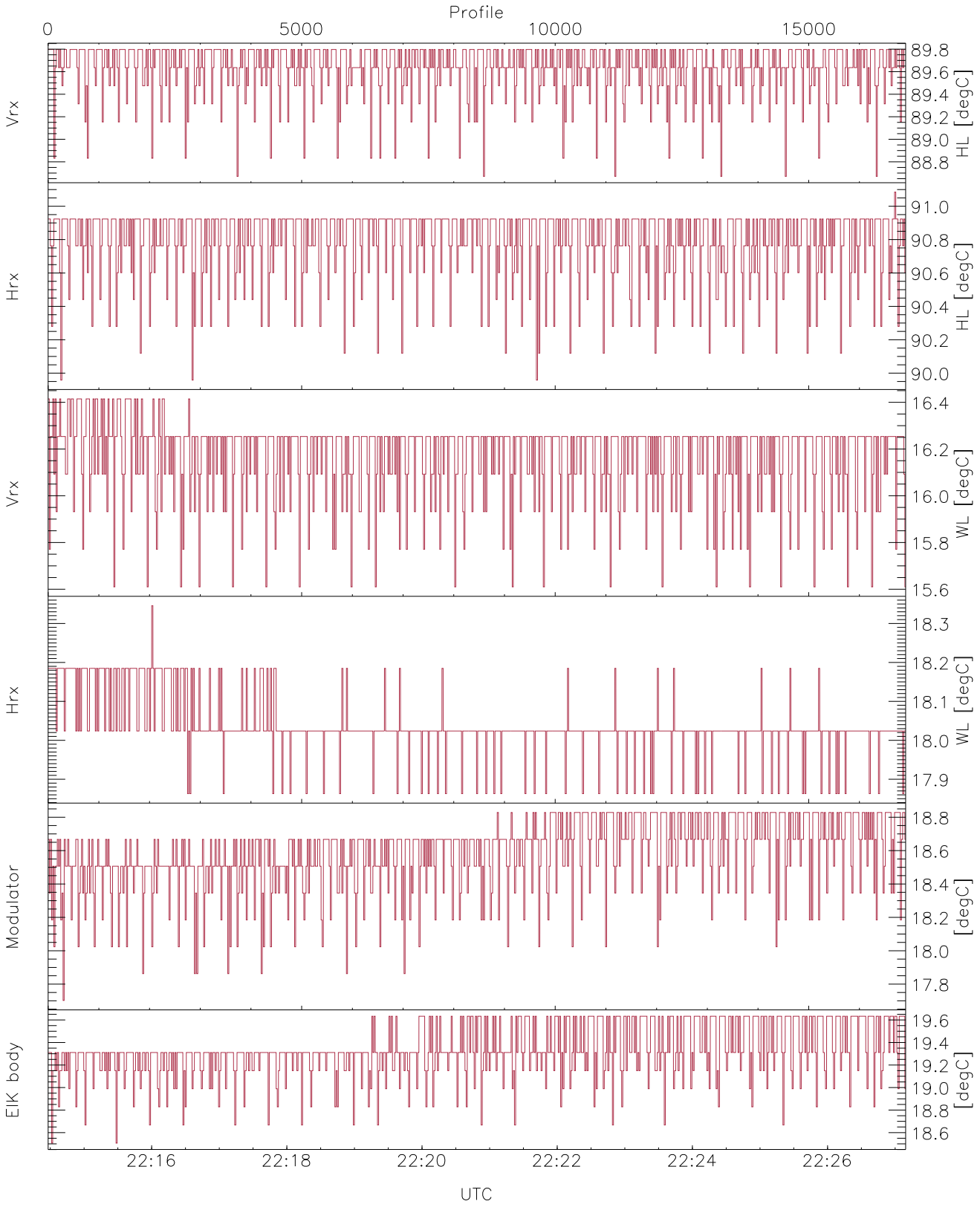






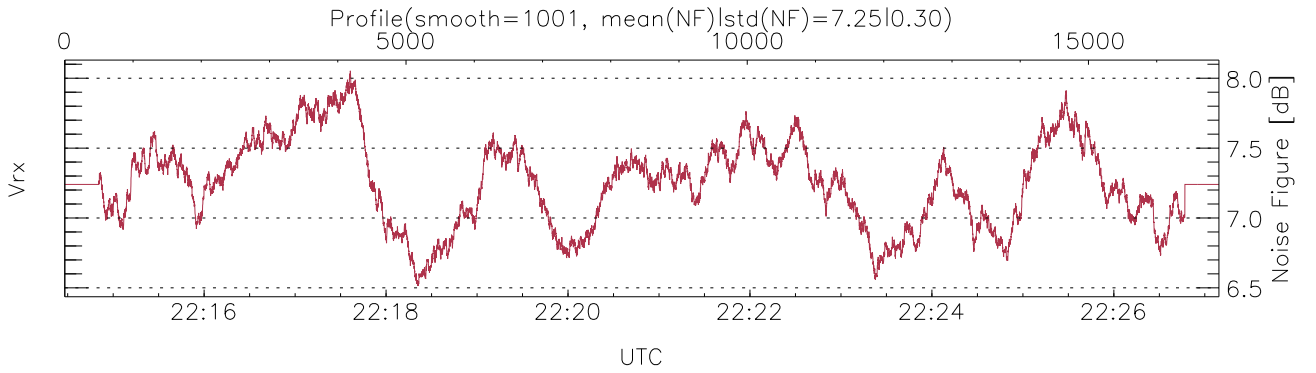
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

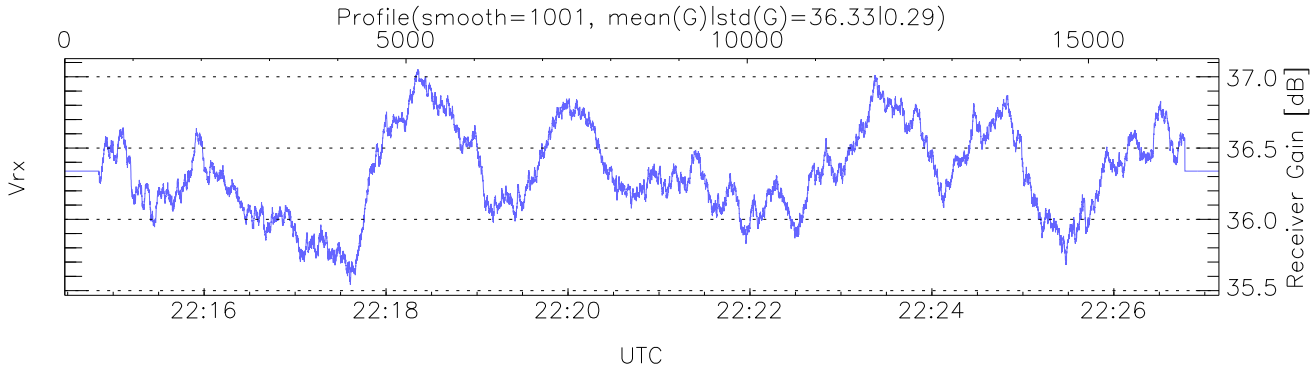
UTC: 22:14:28-22:27:09, TimeCor: 0.00s, Dur: 761.23s
TimeFlg: 41, Using Host/Server time !
TimeInt/PPS(min,max,mn,std): 30.4,59.6,45.0,0.5 ms / 32.9,16.8,22.2
NumRec(r/t): 16913/16913, 0-16912/22:14:28-22:27:09
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, 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|sideluplerror): 1

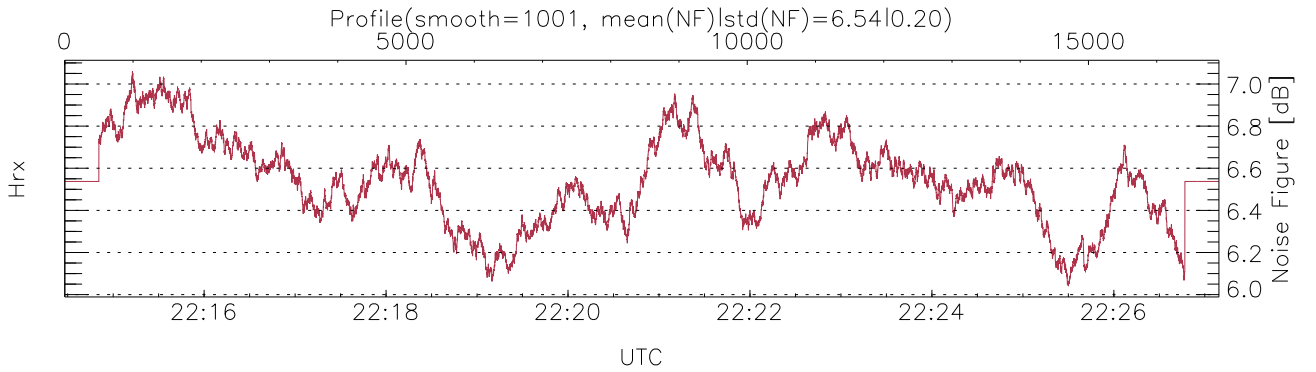


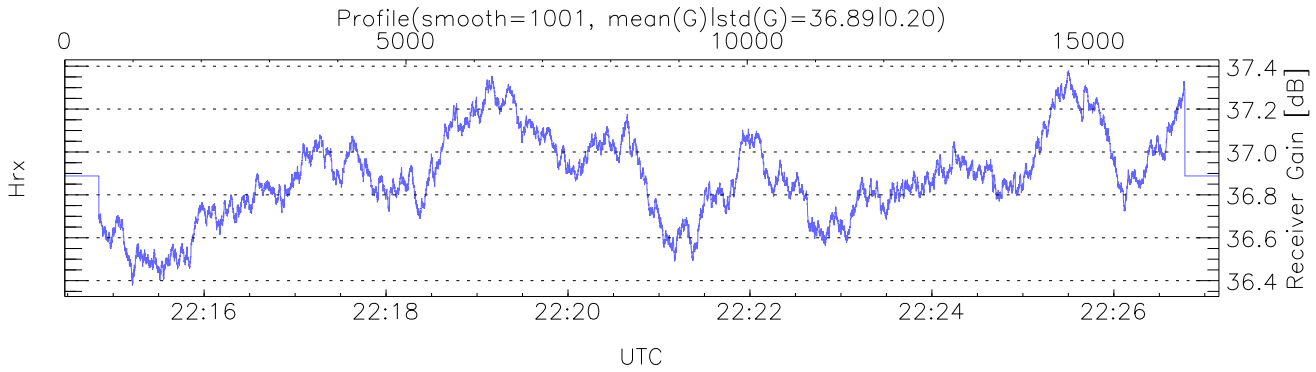
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 88,89,15,17,17,18
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,16,18,18,19
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (22,22,22,22,22,22,22,22)



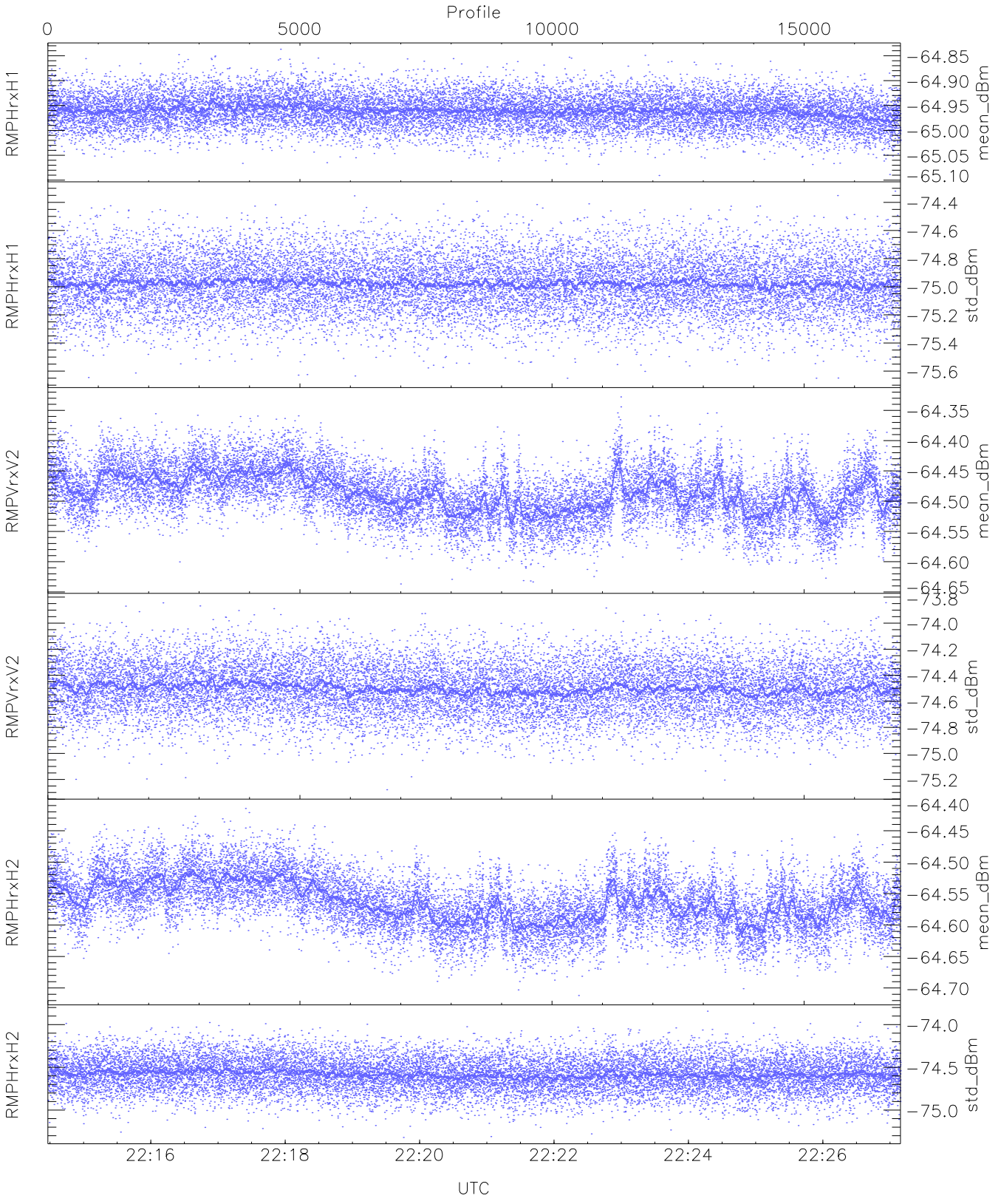






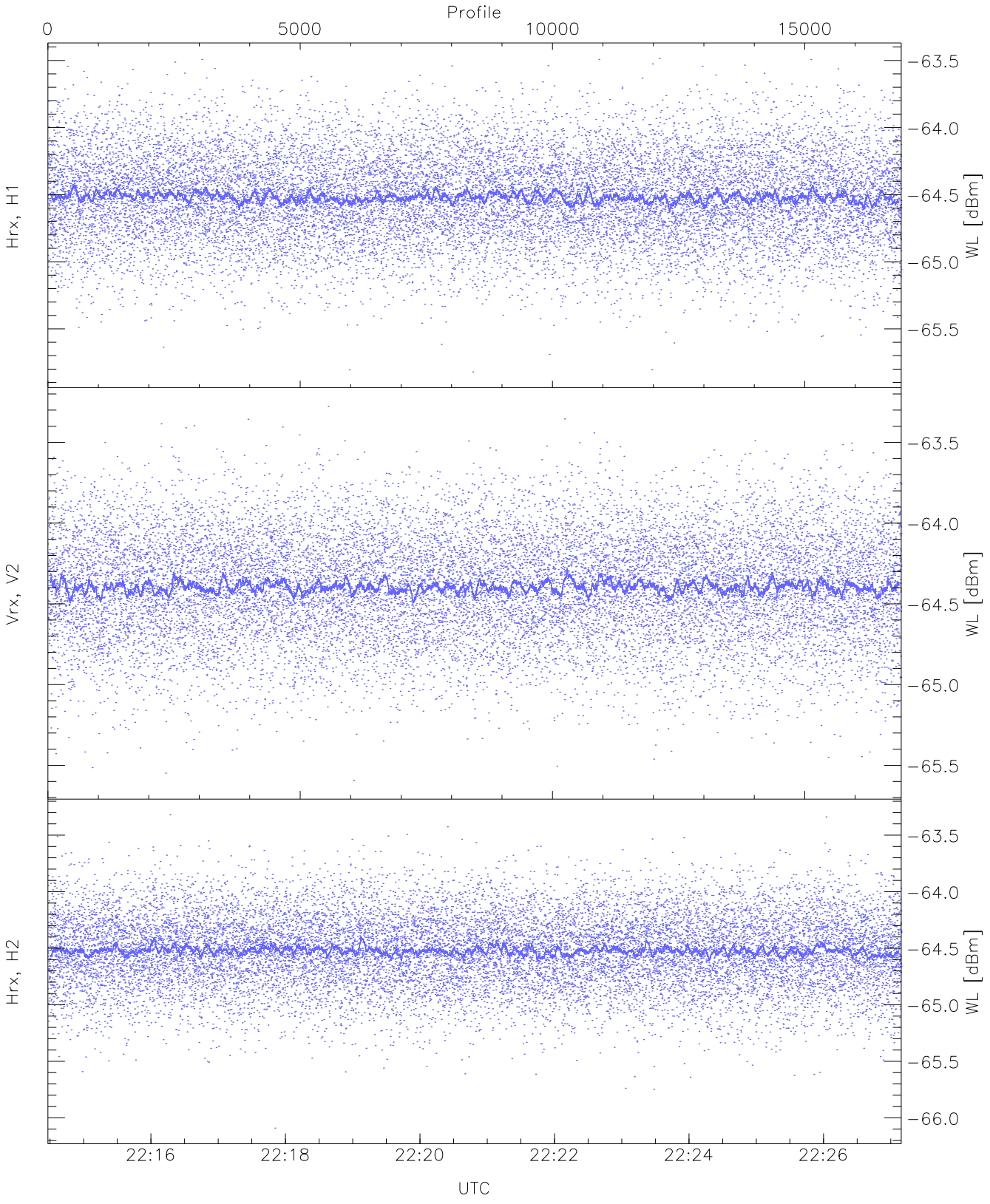
WCR3 CPP Receivers Gain and Noise Figure

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



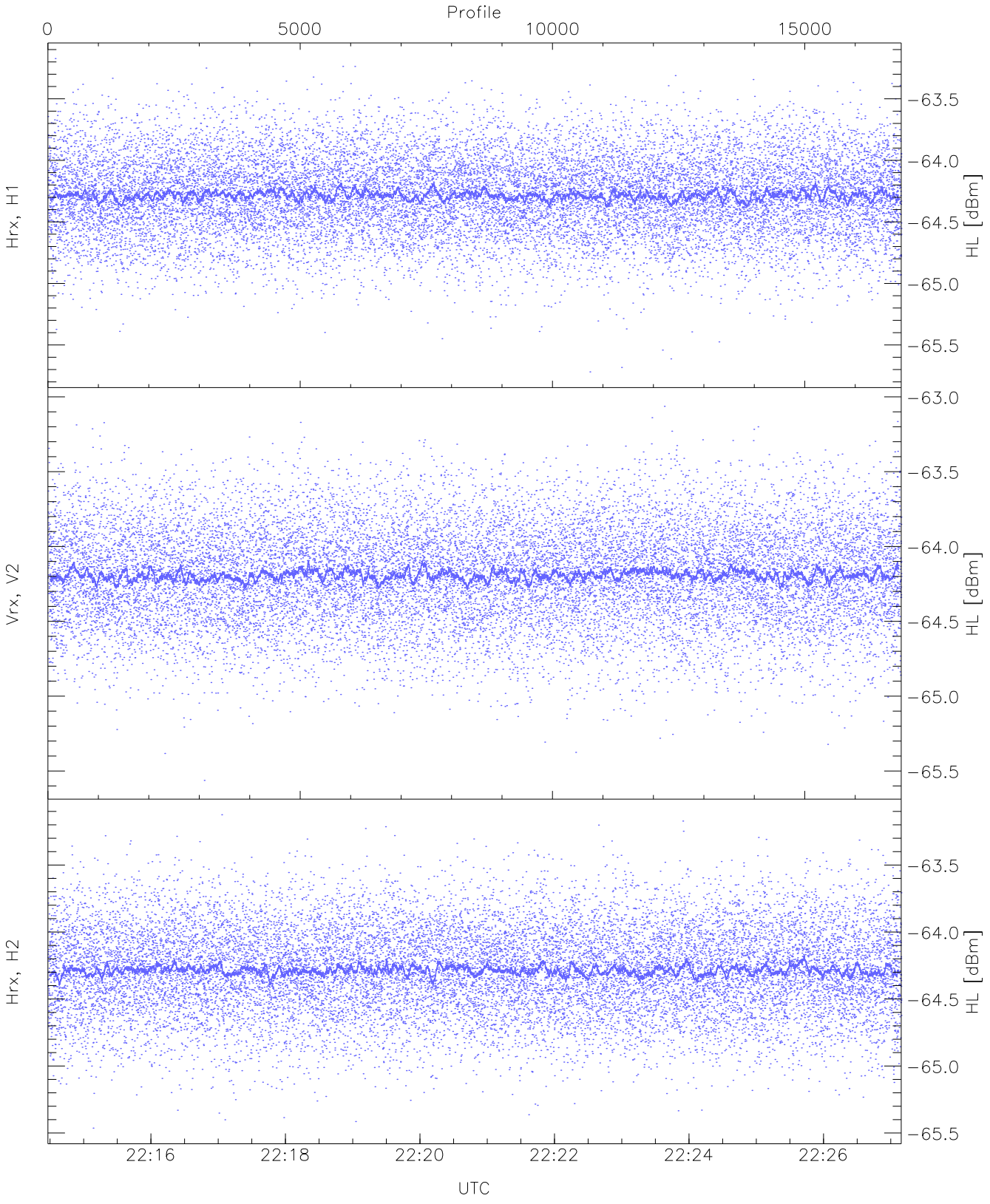
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.09	-64.84	-64.96	-64.96	-86.45
RMPHrxH1(std_dBm)	-75.65	-74.32	-74.98	-74.98	-88.77
RMPVrxV2(mean_dBm)	-64.64	-64.33	-64.49	-64.49	-84.69
RMPVrxV2(std_dBm)	-75.28	-73.84	-74.50	-74.50	-88.27
RMPHrxH2(mean_dBm)	-64.71	-64.41	-64.56	-64.56	-84.81
RMPHrxH2(std_dBm)	-75.32	-73.84	-74.58	-74.58	-88.35



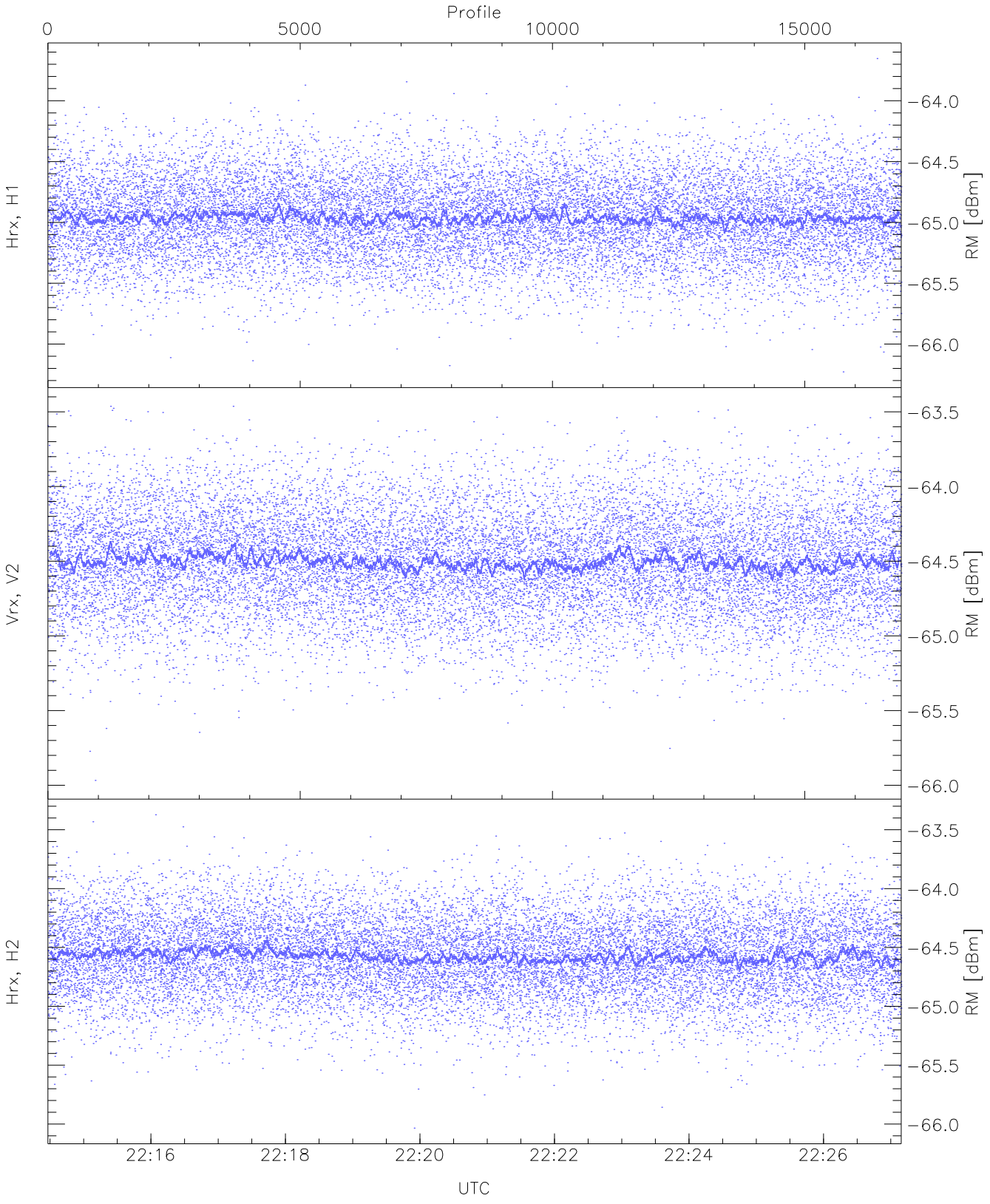
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.82	-63.49	-64.51	-64.52	-76.00
Vrx, V2(WL [dBm])	-65.59	-63.28	-64.39	-64.39	-75.93
Hrx, H2(WL [dBm])	-66.09	-63.32	-64.51	-64.52	-76.01



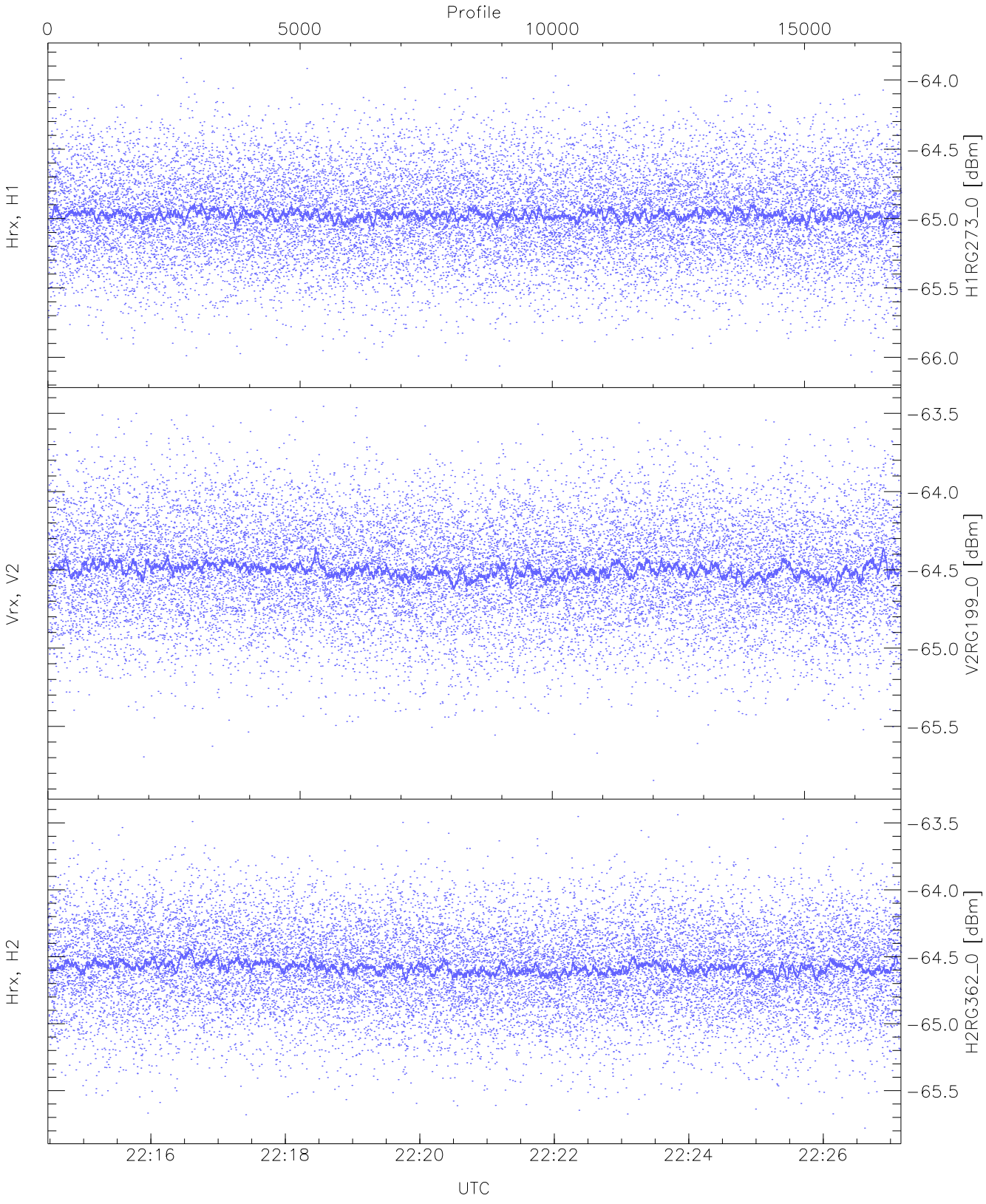
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.72	-63.17	-64.28	-64.28	-75.78
Vrx, V2(HL [dBm])	-65.56	-63.06	-64.18	-64.19	-75.65
Hrx, H2(HL [dBm])	-65.46	-63.13	-64.28	-64.29	-75.74



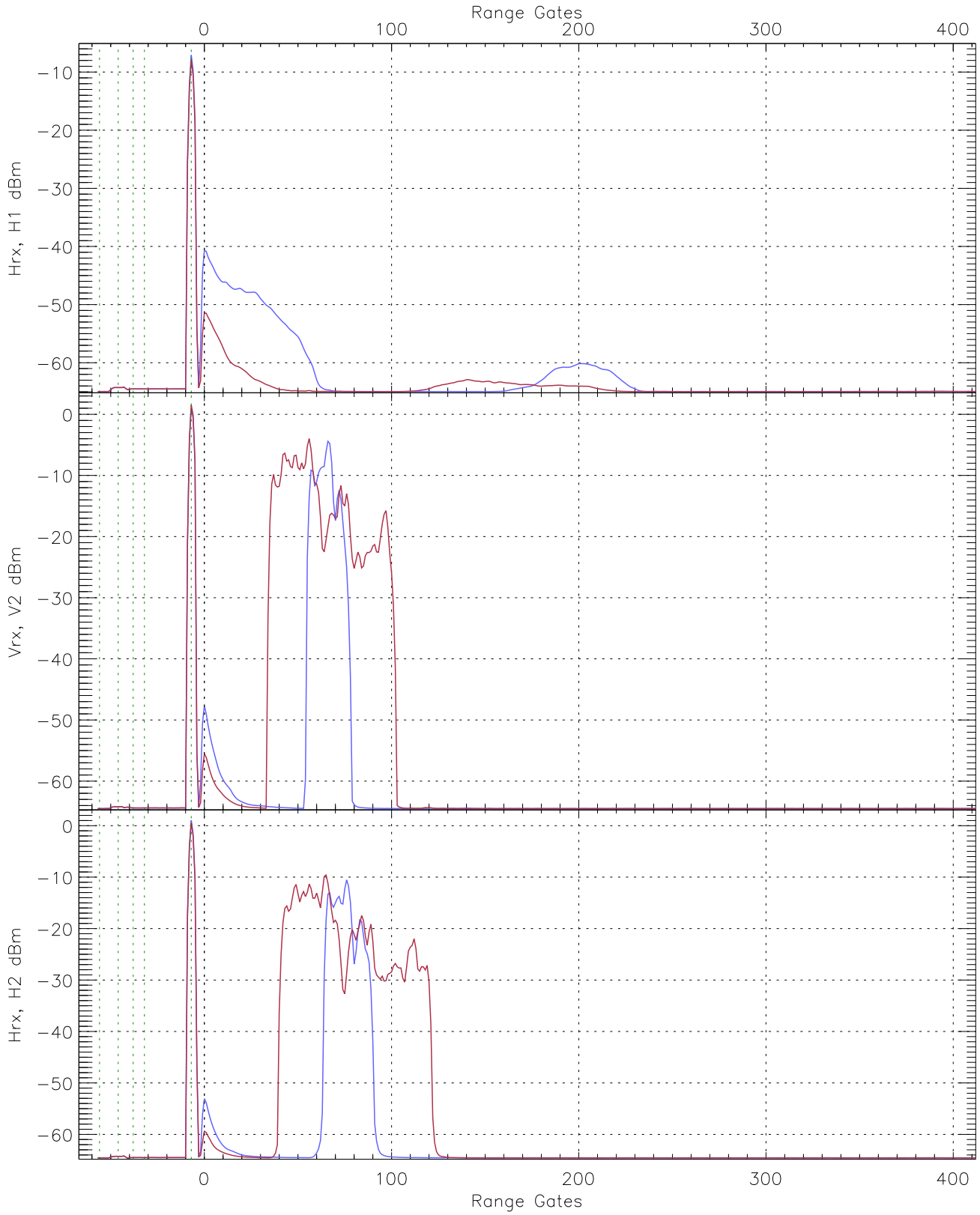
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.23	-63.65	-64.96	-64.96	-76.47
Vrx, V2(RM [dBm])	-65.97	-63.46	-64.50	-64.50	-76.00
Hrx, H2(RM [dBm])	-66.03	-63.37	-64.57	-64.57	-76.08

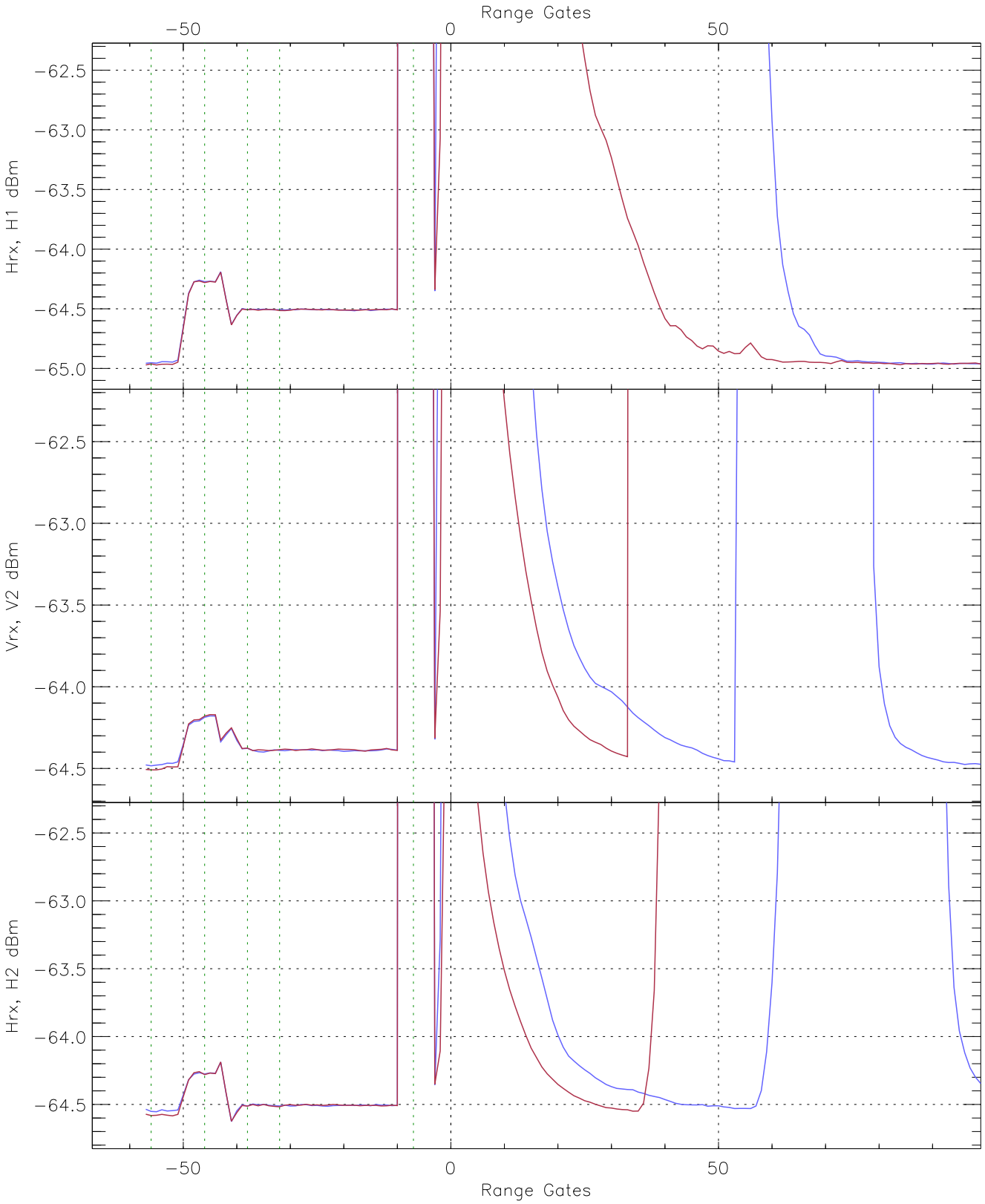


WCR3 CPP "Best" estimate Receivers Noise Power

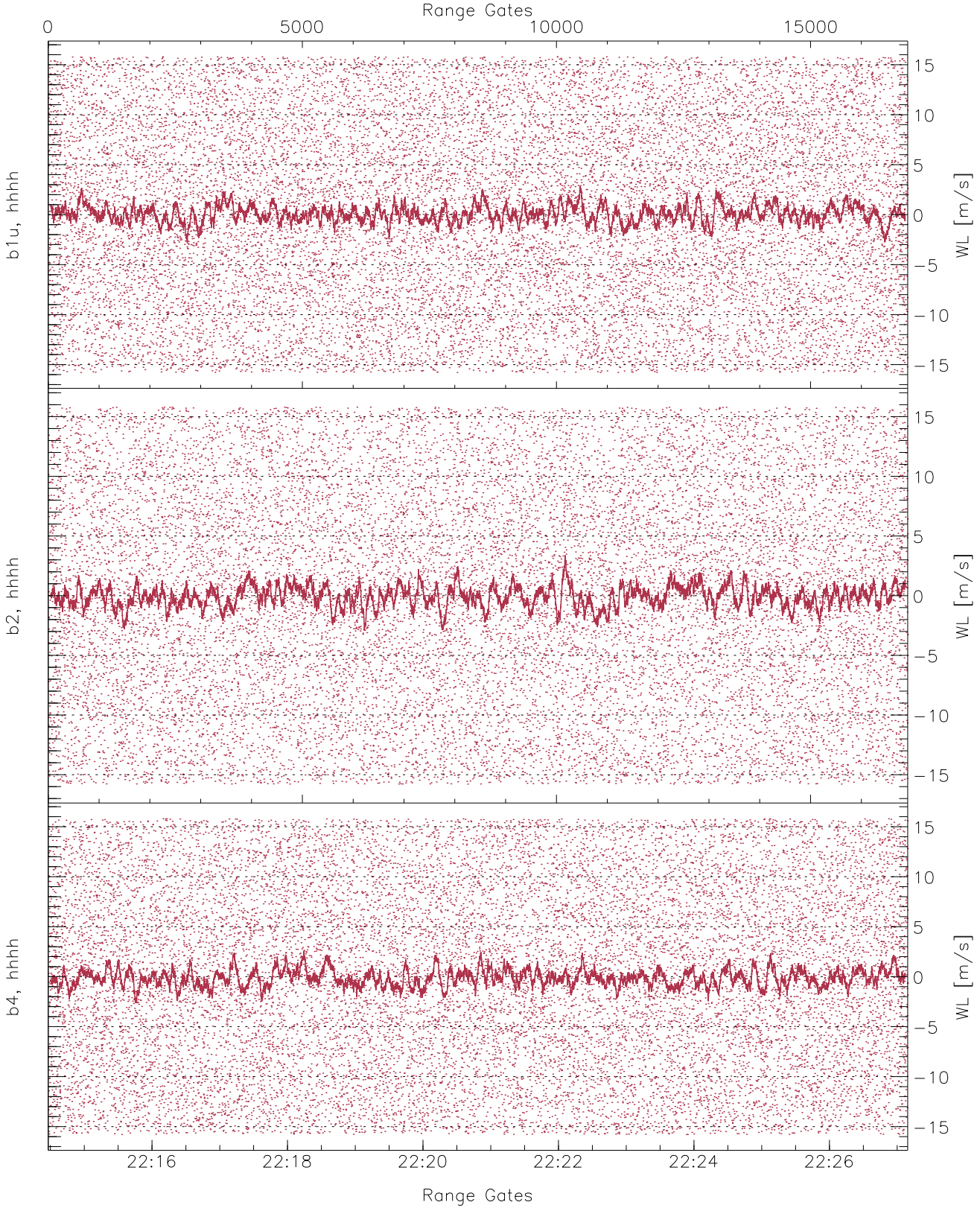
	Min	Max	Mean	Median	StDev
H1RG273_0 [dBm]	-66.11	-63.85	-64.97	-64.98	-76.46
V2RG199_0 [dBm]	-65.85	-63.45	-64.50	-64.50	-75.98
H2RG362_0 [dBm]	-65.78	-63.44	-64.57	-64.58	-76.06



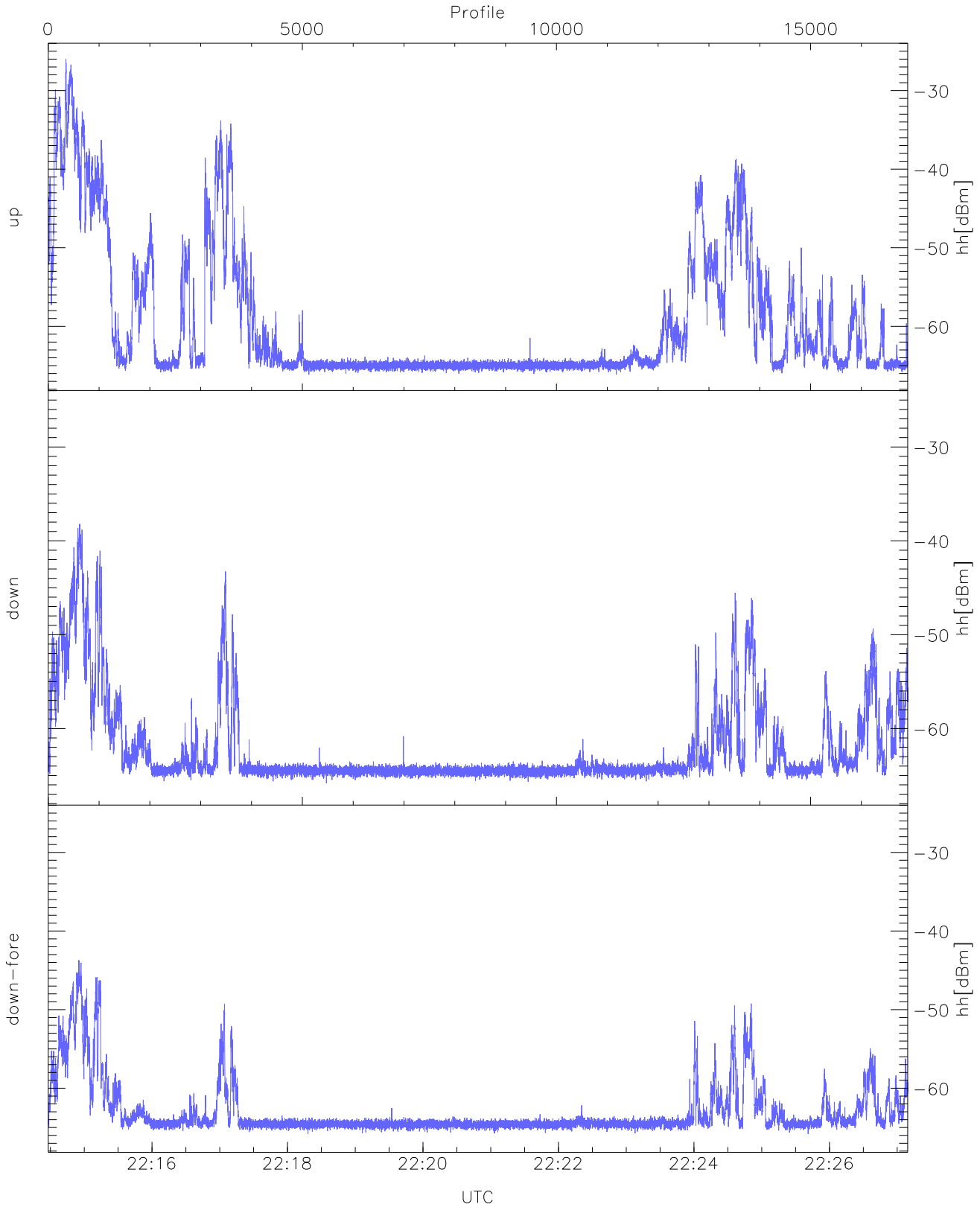
WCR3 CPP Averaged Received power for all recorded gates
blue: 221428-222049, 8457 profiles averaged
red: 222049-222709, 8457 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 221428-222049, 8457 profiles averaged
red: 222049-222709, 8457 profiles averaged

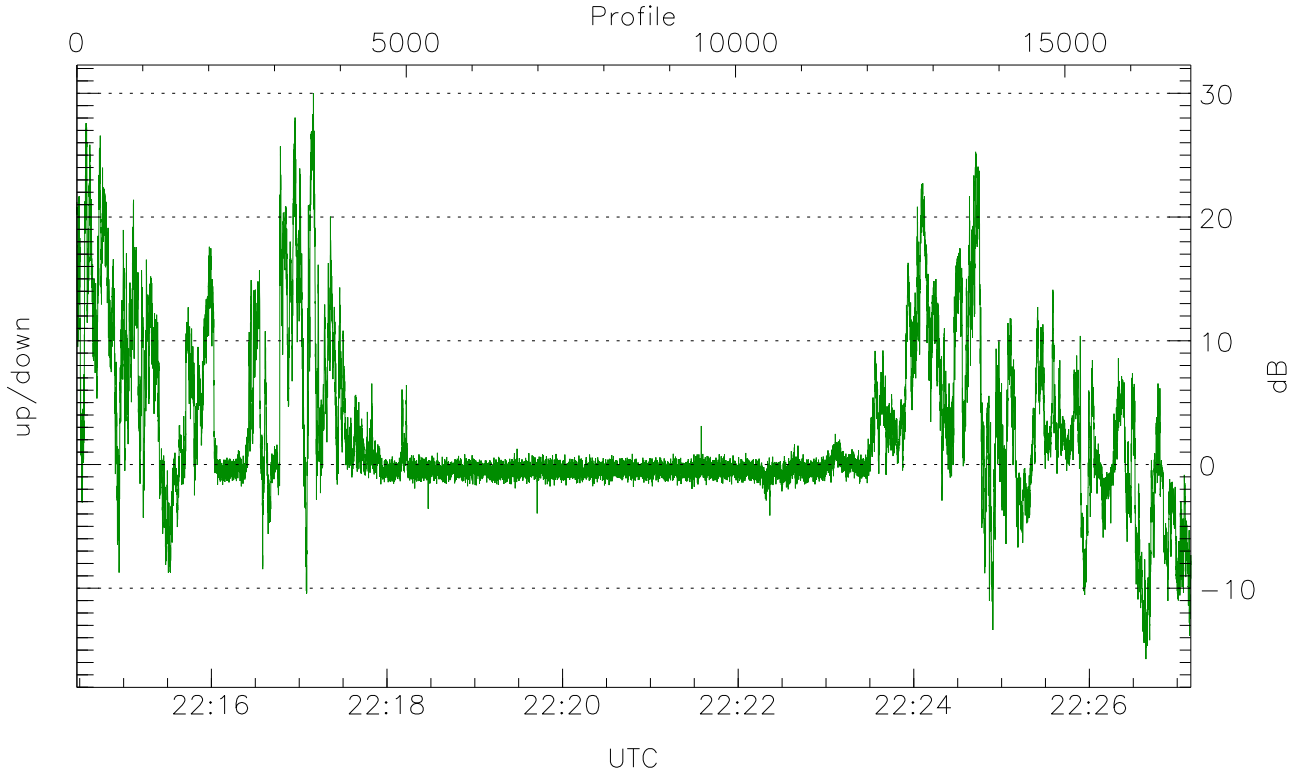


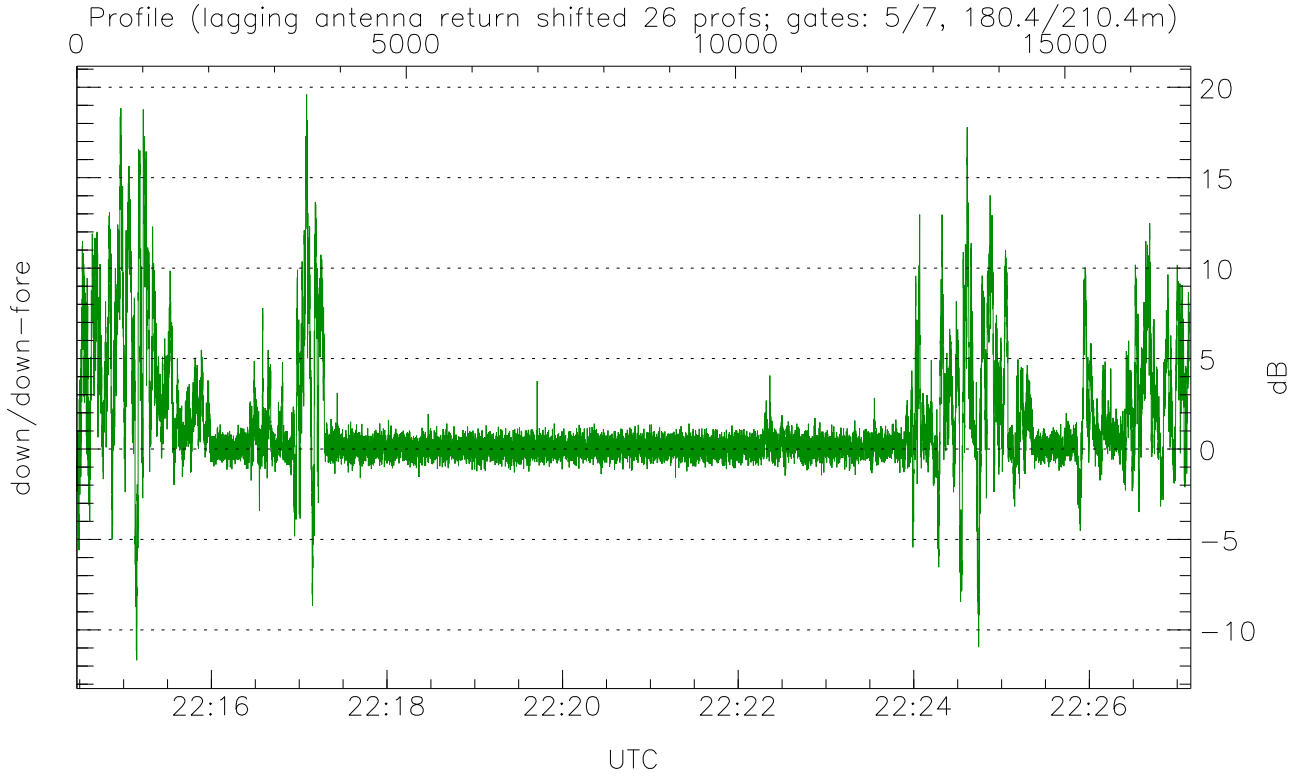
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

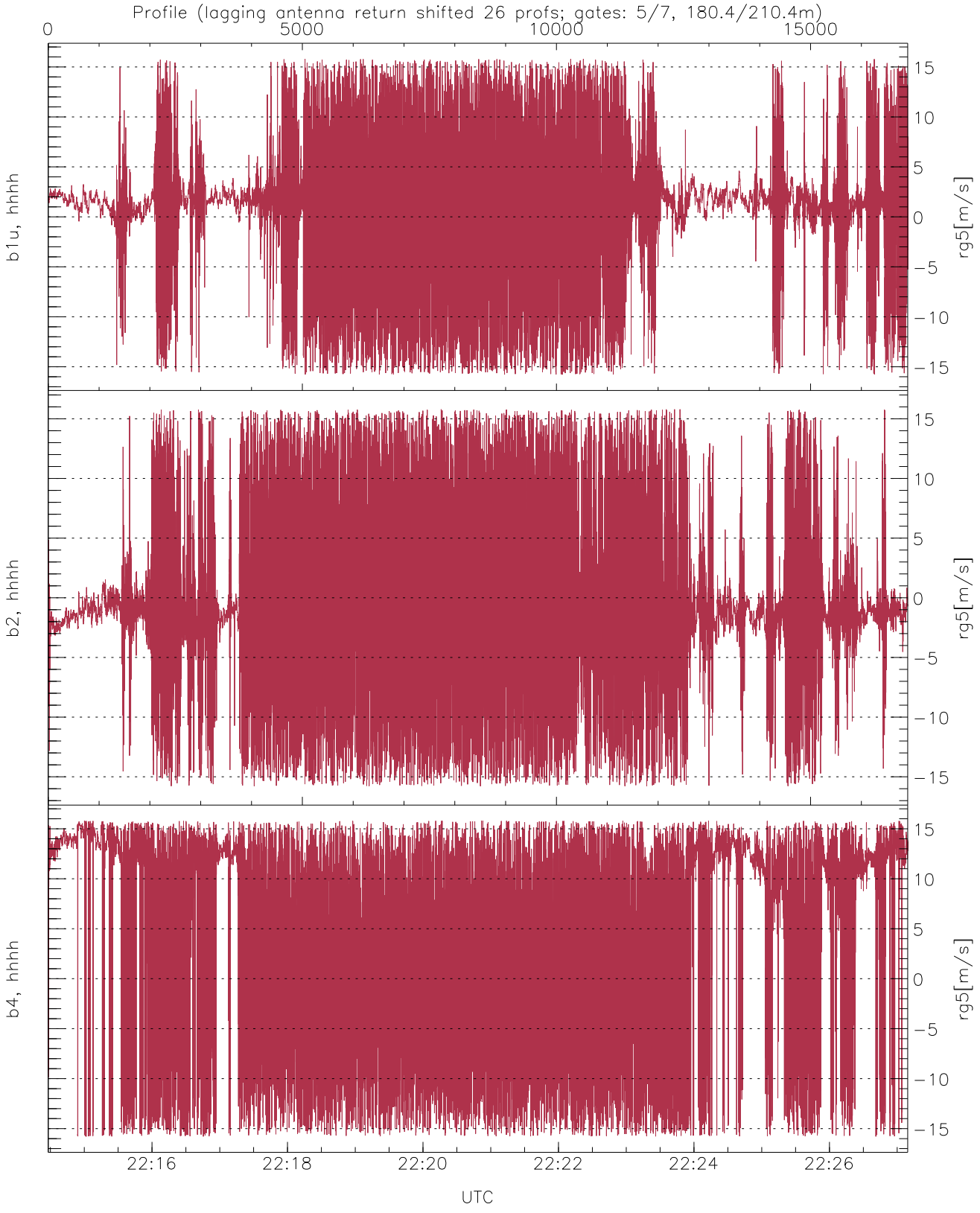
	Min	Max	Mean
up(hh[dBm])	-66.15	-25.99	-46.42
down(hh[dBm])	-65.82	-38.20	-56.93
down-fore(hh[dBm])	-65.82	-43.68	-60.27





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

	Min	Max	Mean
up/down(dB)	-15.73	30.00	2.35
down/down-fore(dB)	-11.68	19.60	1.26



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	0.81	6.09
b2, hhhh(rg5[m/s])	-15.79	15.79	-0.60	6.87
b4, hhhh(rg5[m/s])	-15.79	15.79	4.09	9.59