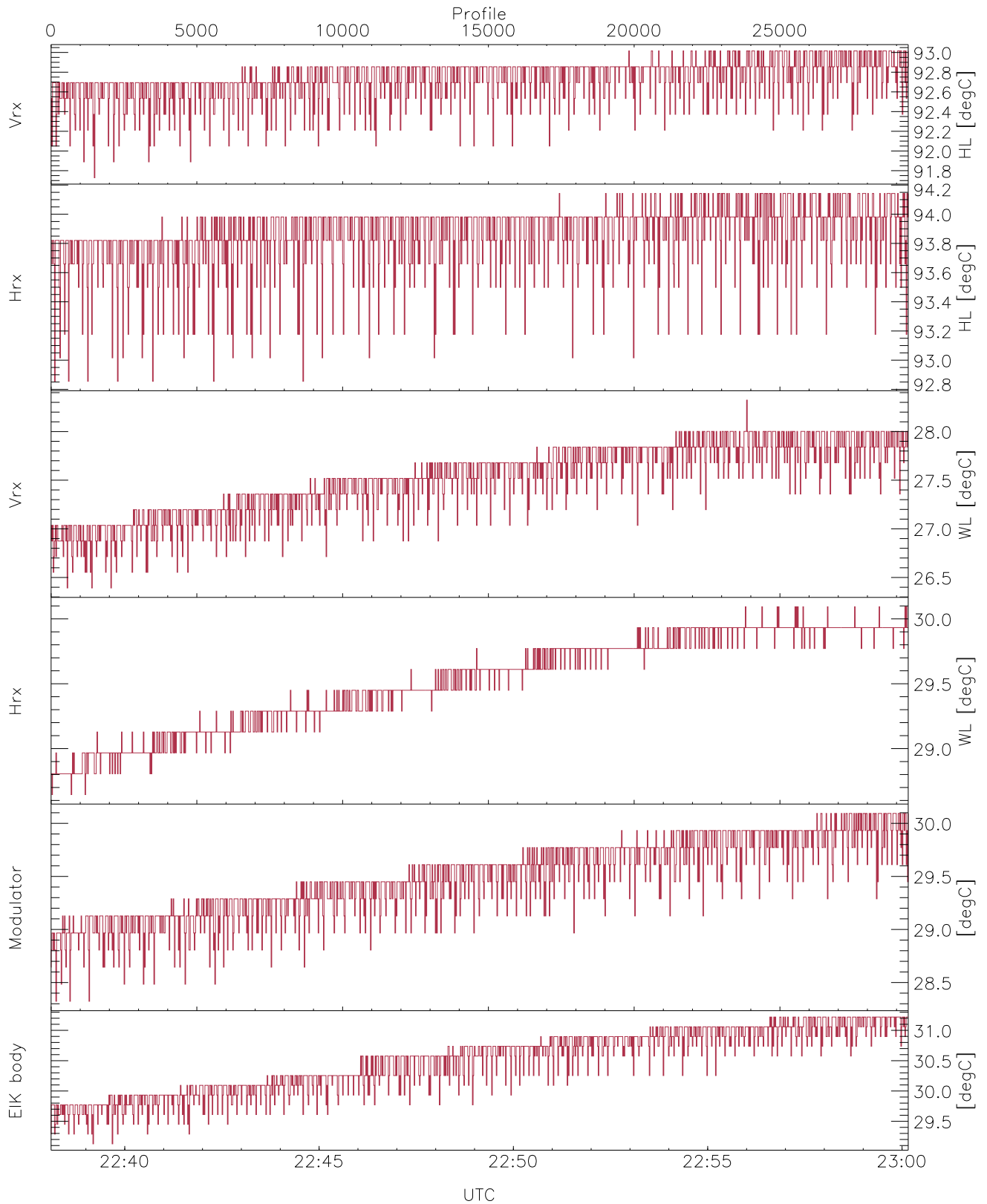


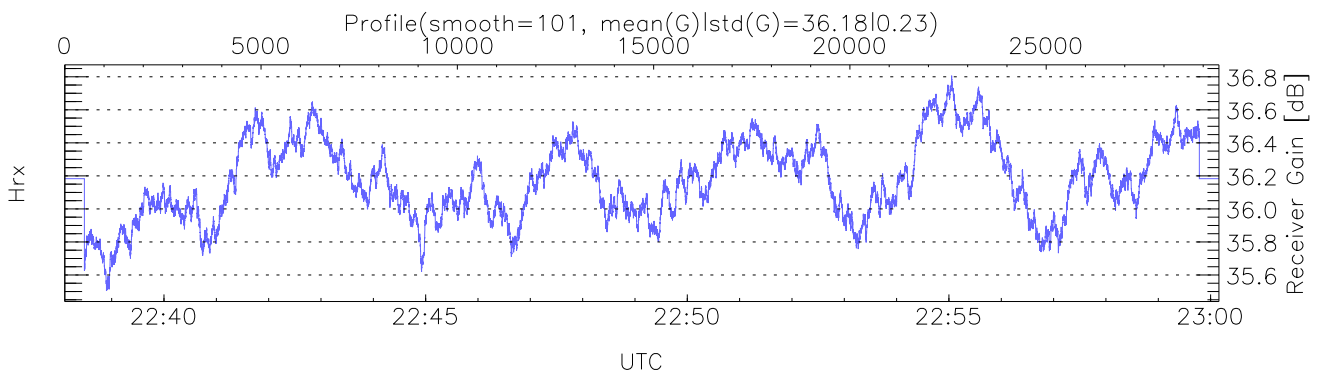
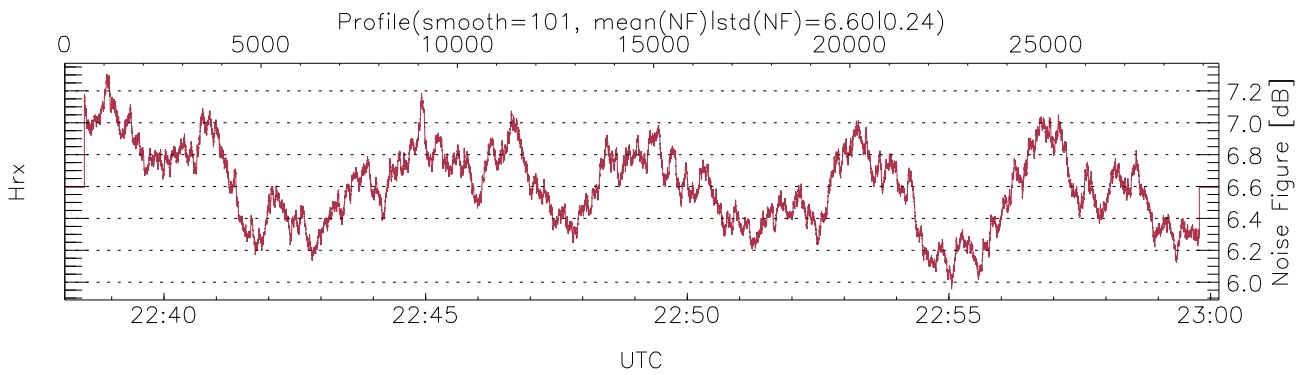
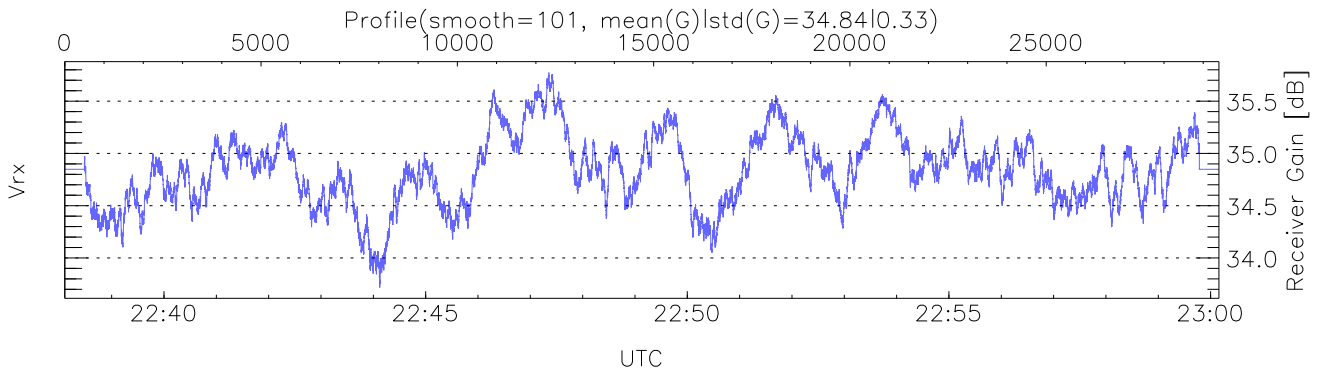
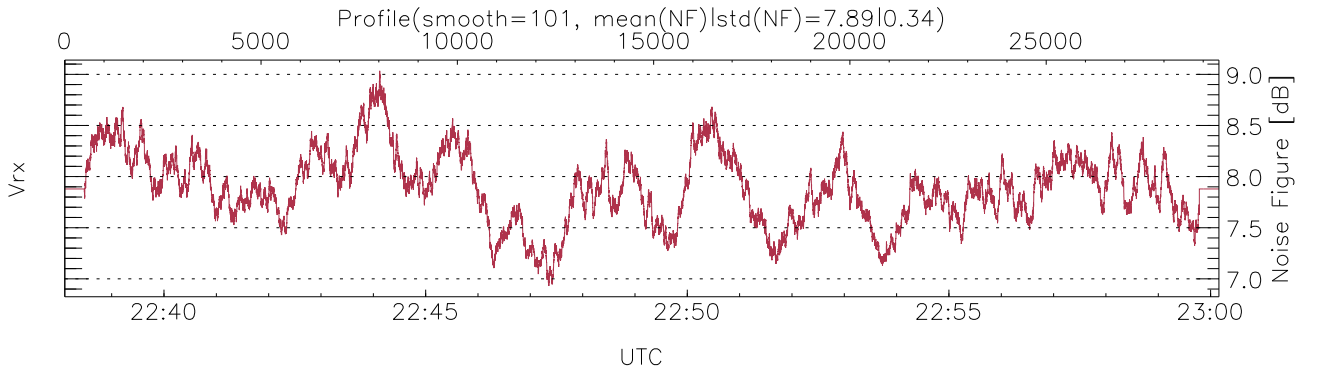
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:38:06-23:00:10, TimeCor: 0.00s, Dur: 1323.38s
 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): 29402/29402, 0-29401/22:38:06-23:00:10
 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



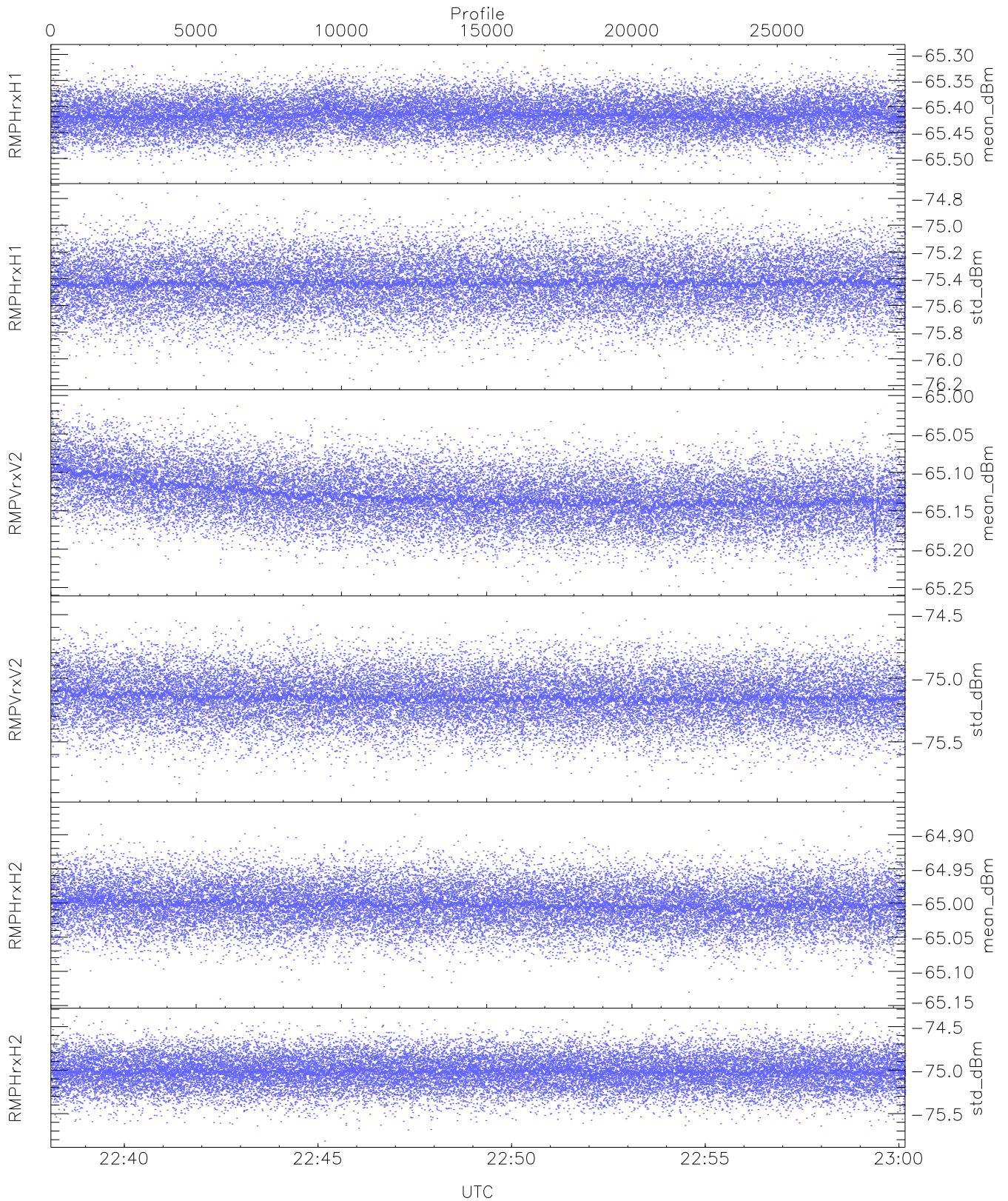
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,26,28,28,29`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,28,30,30,31`
`LOalarm(20,240,2817,14861 MHz): 0,0,68,0`
`EIK/Modulator Faults: None`



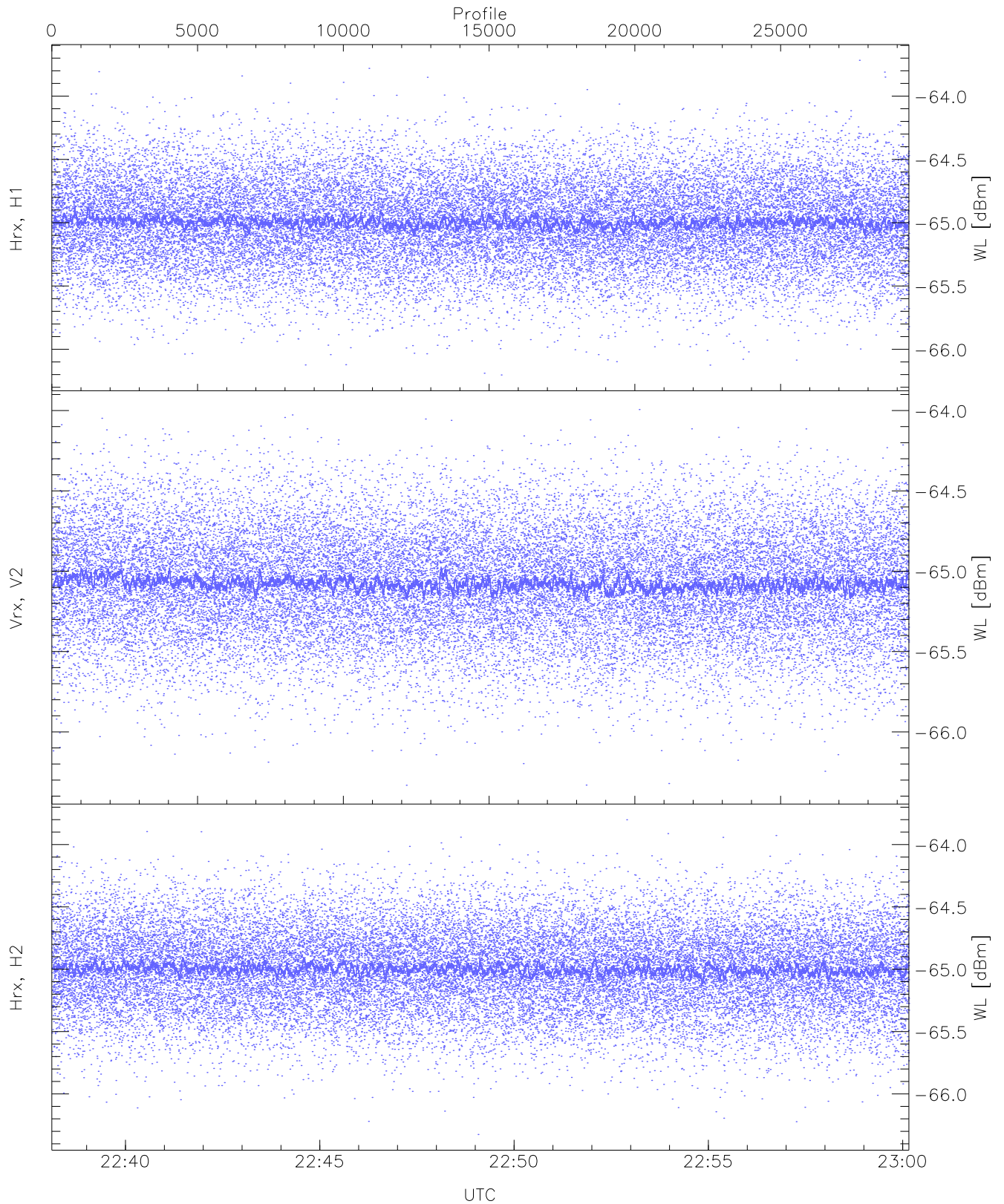
WCR3 CPP Receivers Gain and Noise Figure

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



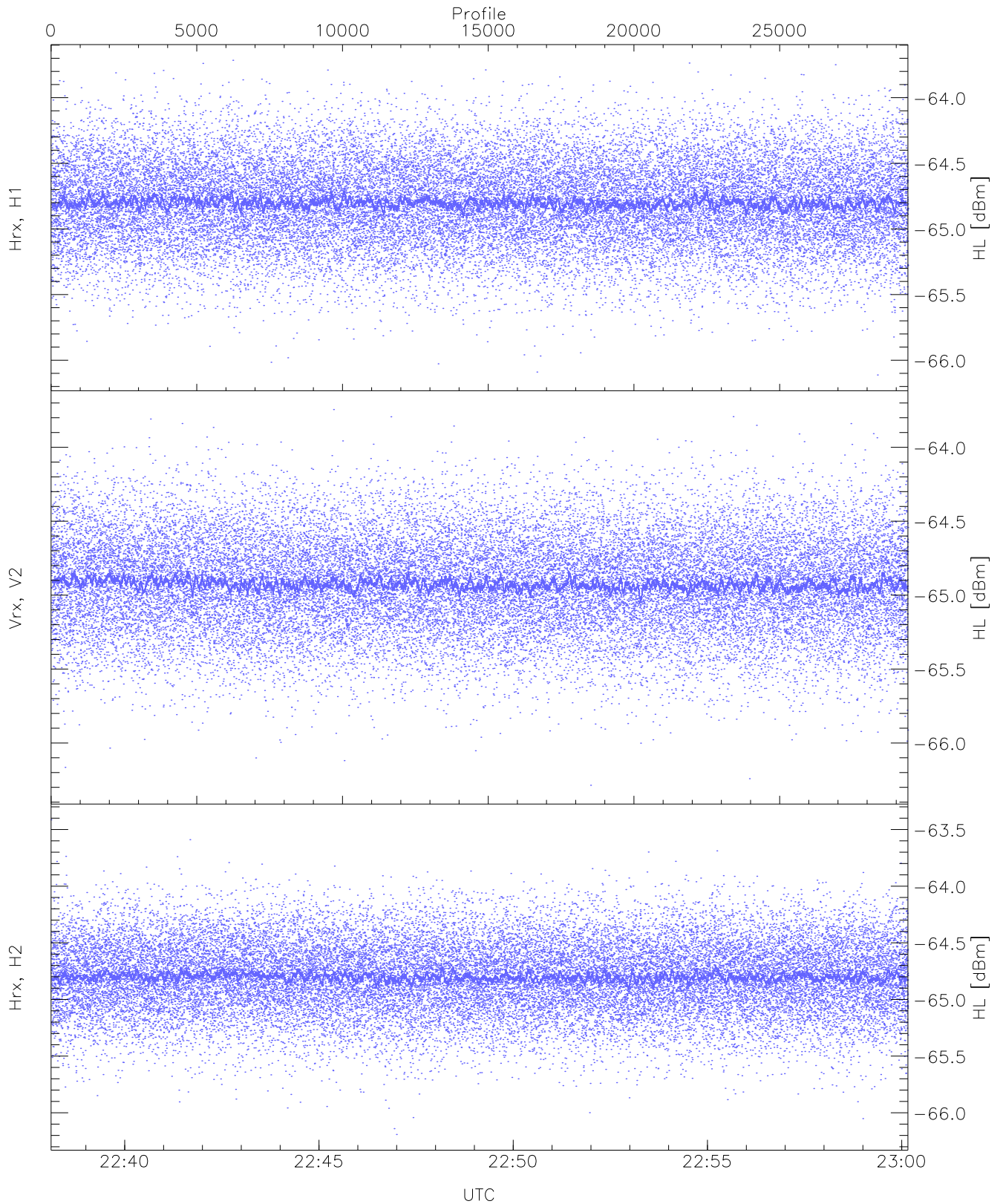
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.54	-65.29	-65.42	-65.42	-86.97
RMPHrxH1(std_dBm)	-76.16	-74.76	-75.43	-75.43	-89.23
RMPVrxV2(mean_dBm)	-65.25	-65.00	-65.13	-65.13	-86.39
RMPVrxV2(std_dBm)	-75.90	-74.43	-75.15	-75.15	-88.92
RMPHrxH2(mean_dBm)	-65.14	-64.87	-65.00	-65.00	-86.59
RMPHrxH2(std_dBm)	-75.81	-74.36	-75.02	-75.02	-88.78



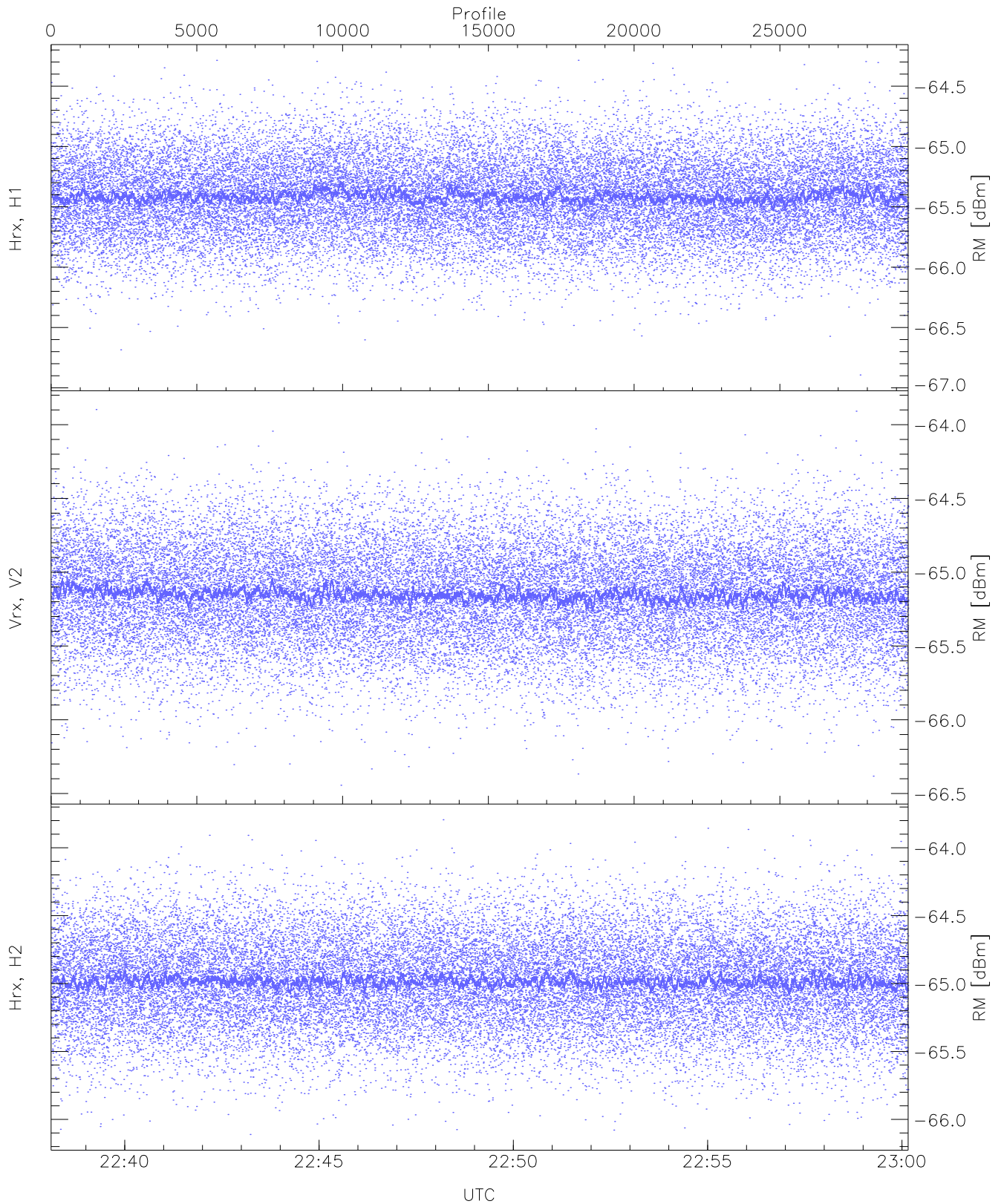
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.20	-63.72	-64.99	-65.00	-76.48
Vrx, V2 (WL [dBm])	-66.33	-63.99	-65.07	-65.08	-76.59
Hrx, H2 (WL [dBm])	-66.33	-63.80	-64.99	-65.00	-76.52



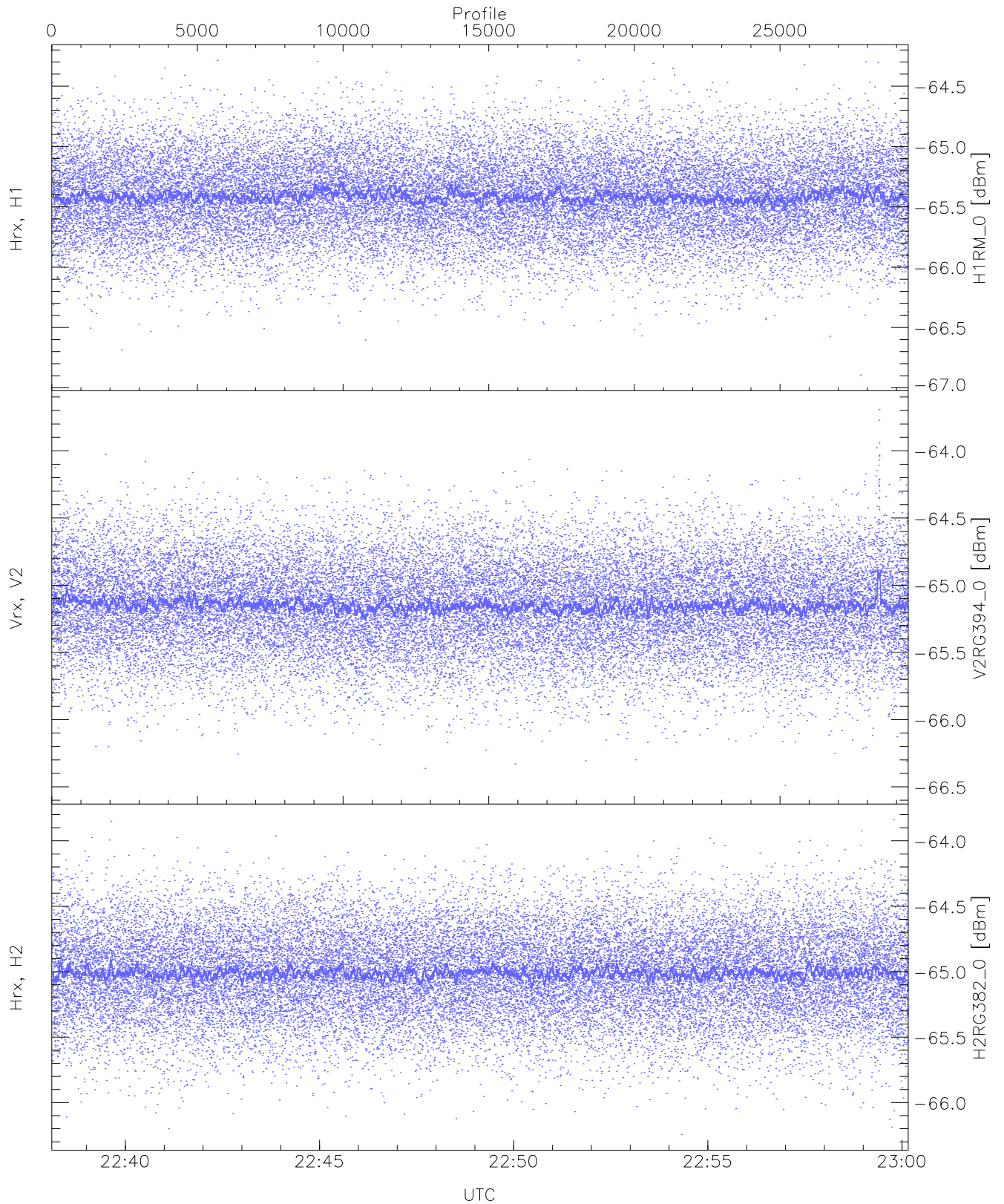
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.11	-63.72	-64.79	-64.80	-76.32
Vrx, V2 (HL [dBm])	-66.29	-63.74	-64.92	-64.93	-76.44
Hrx, H2 (HL [dBm])	-66.19	-63.41	-64.79	-64.80	-76.32



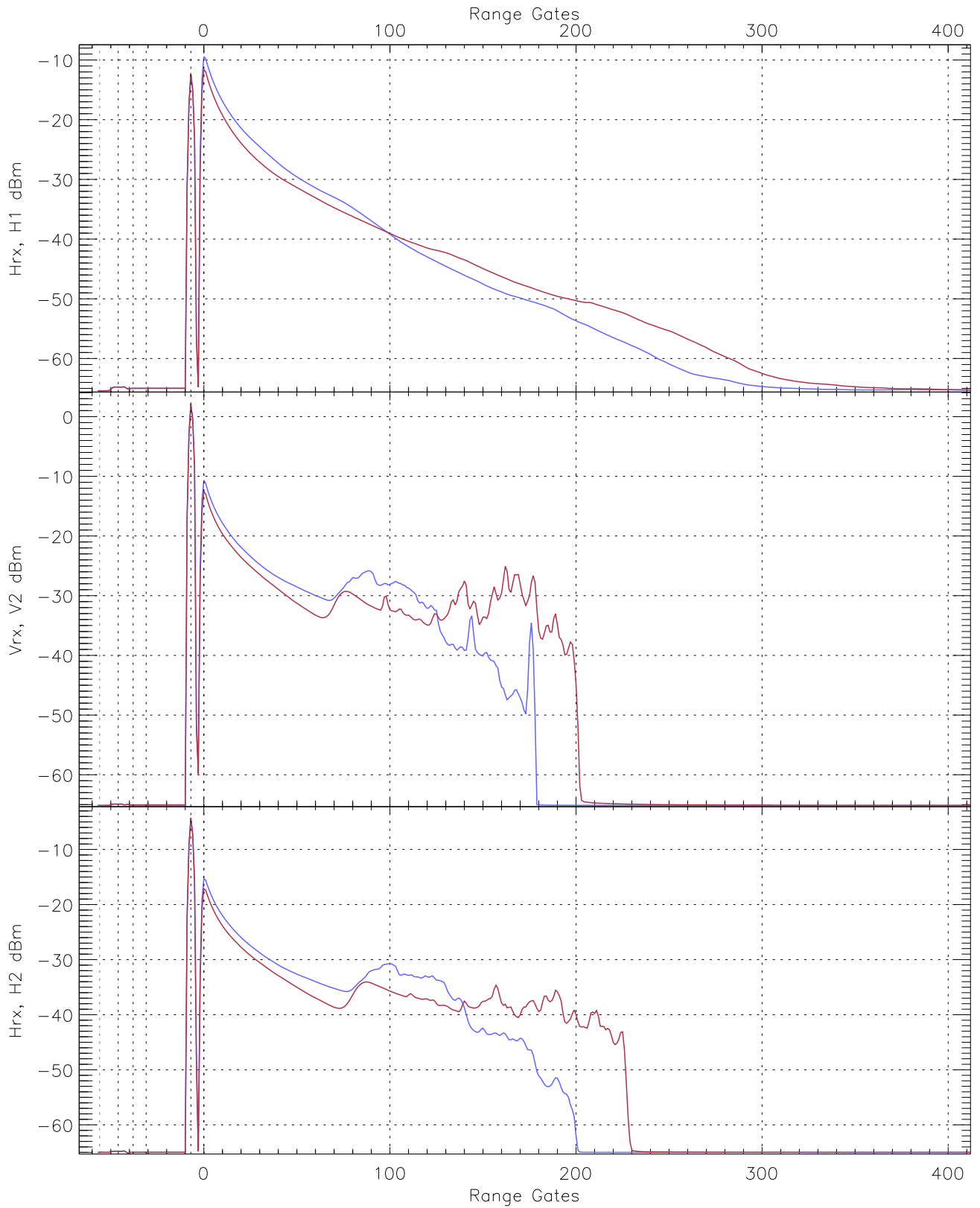
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.89	-64.29	-65.41	-65.42	-76.88
Vrx, V2 (RM [dBm])	-66.44	-63.90	-65.14	-65.15	-76.62
Hrx, H2 (RM [dBm])	-66.11	-63.79	-64.98	-64.99	-76.50

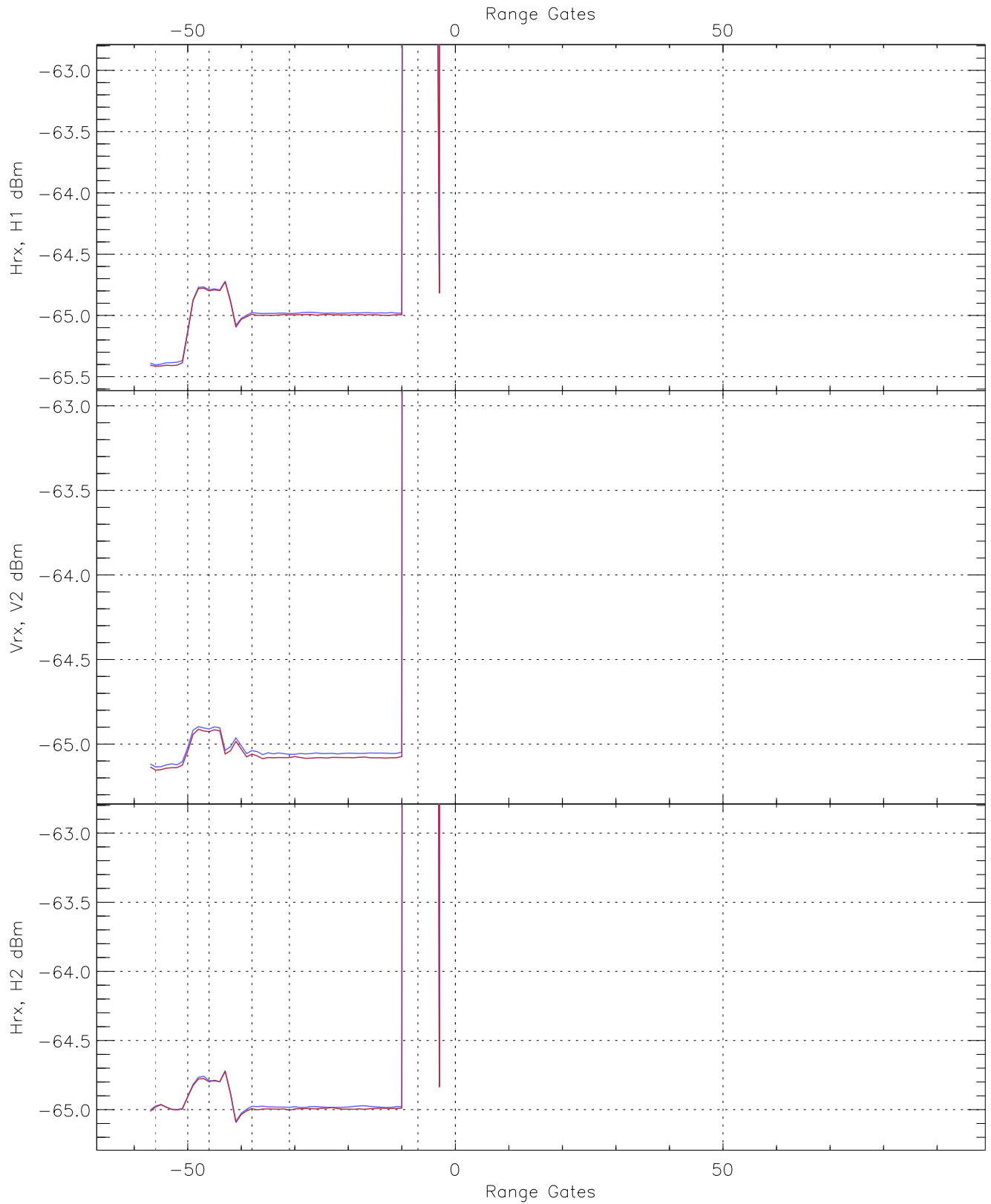


WCR3 CPP "Best" estimate Receivers Noise Power

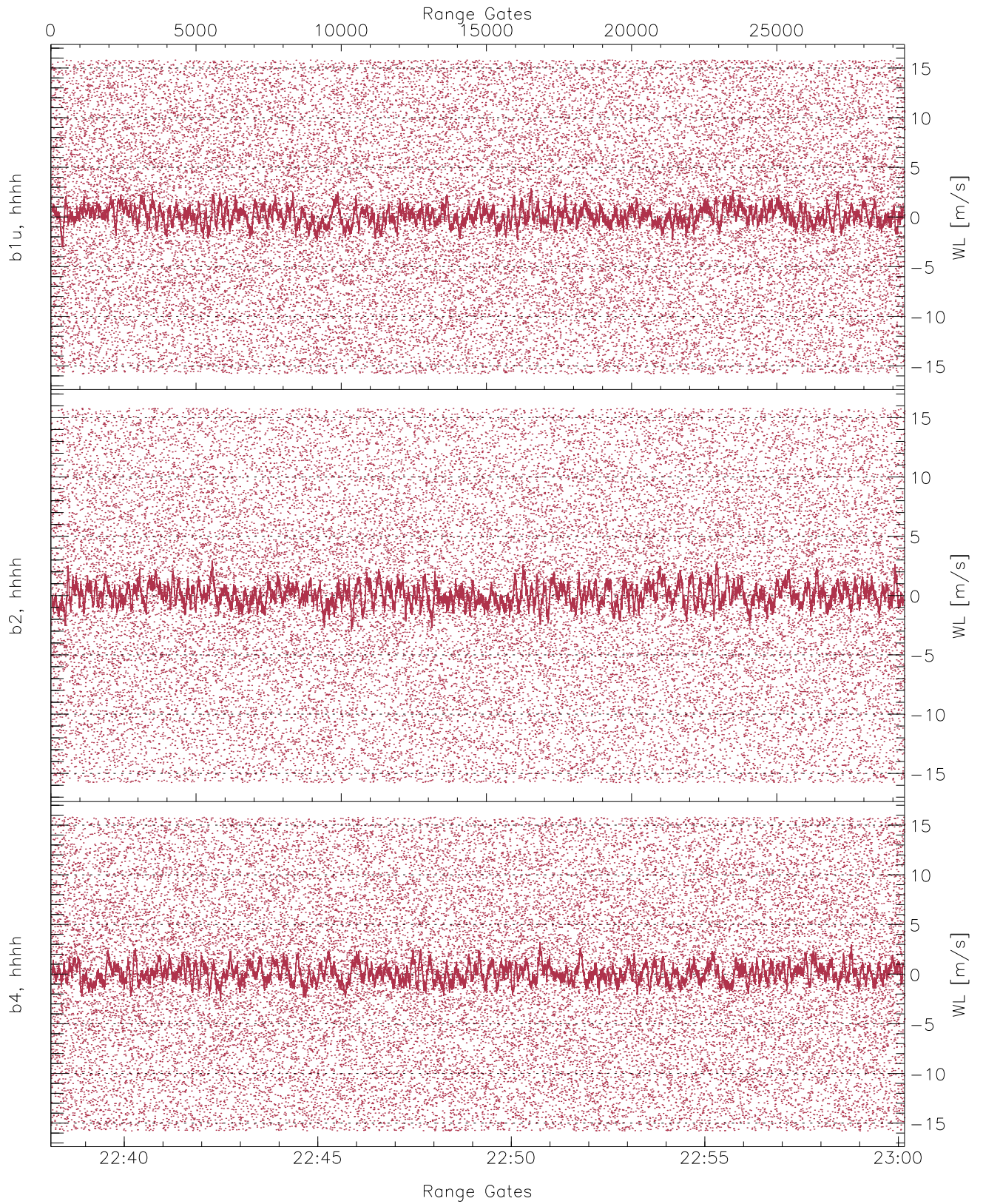
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.89	-64.29	-65.41	-65.42	-76.88
V2RG394_0 [dBm]	-66.49	-63.69	-65.14	-65.15	-76.62
H2RG382_0 [dBm]	-66.24	-63.84	-65.01	-65.01	-76.51



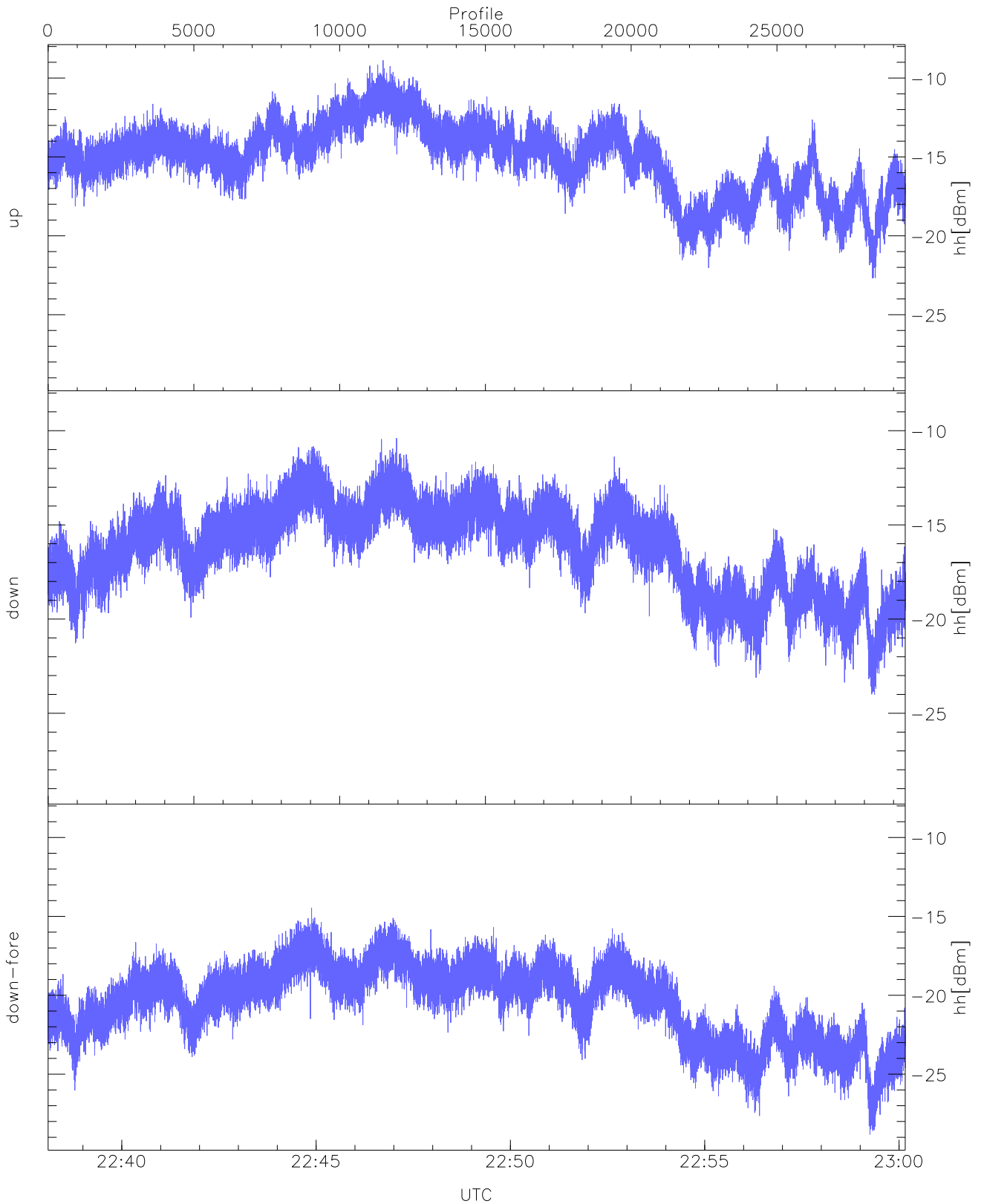
WCR3 CPP Averaged Received power for all recorded gates
blue: 223806-224908, 14702 profiles averaged
red: 224908-230010, 14701 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 223806-224908, 14702 profiles averaged
red: 224908-230010, 14701 profiles averaged

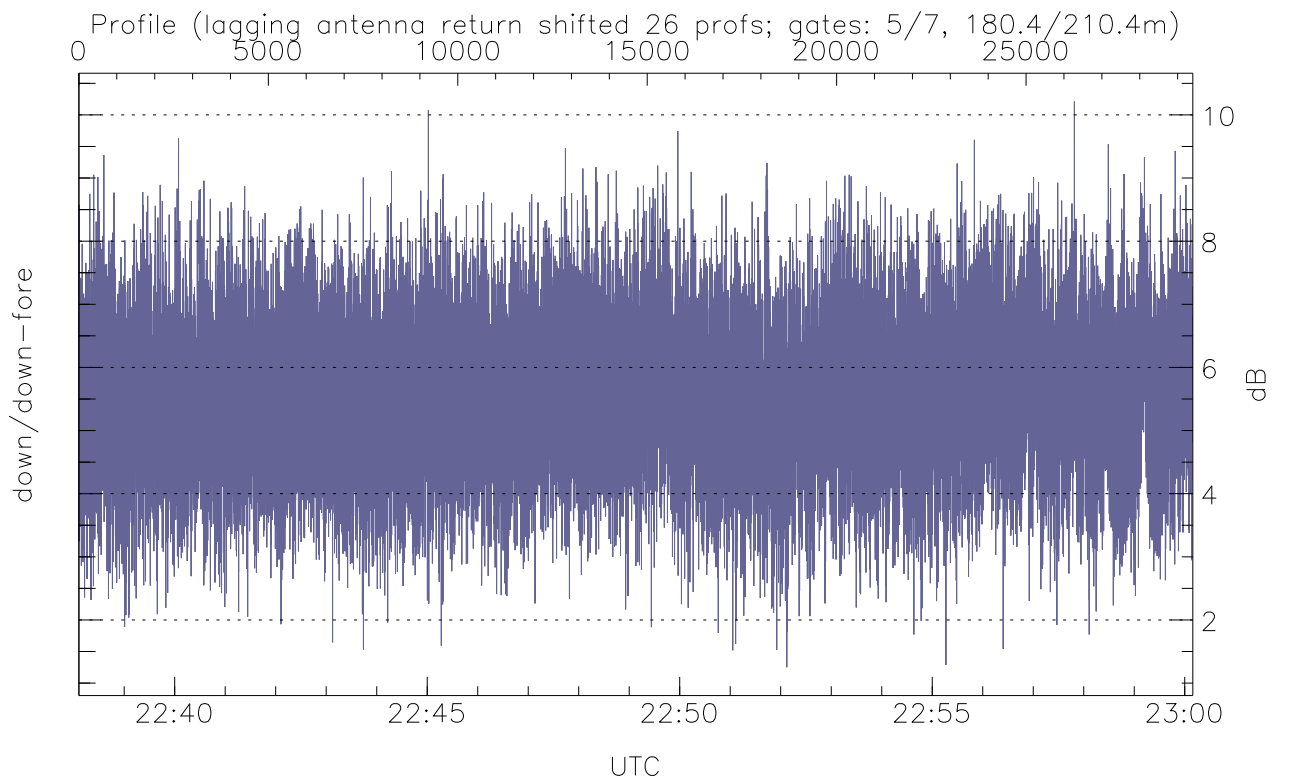
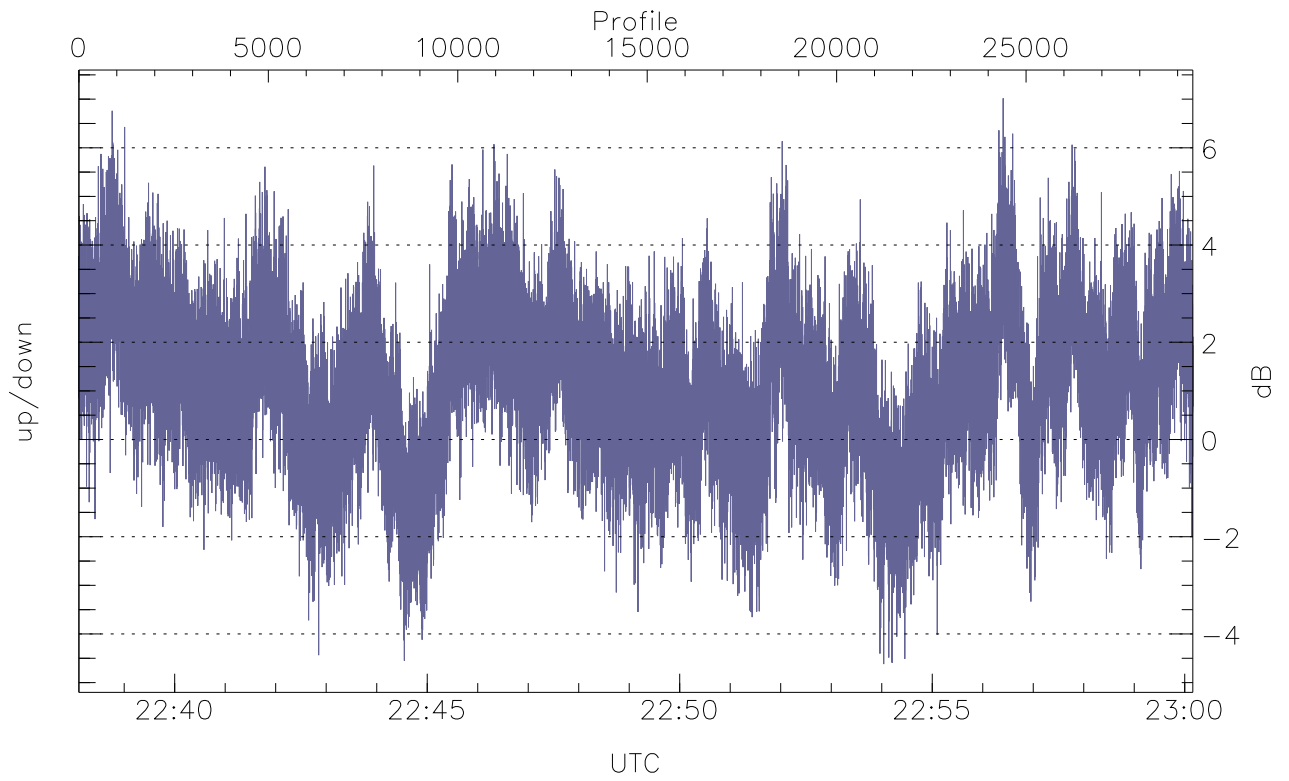


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



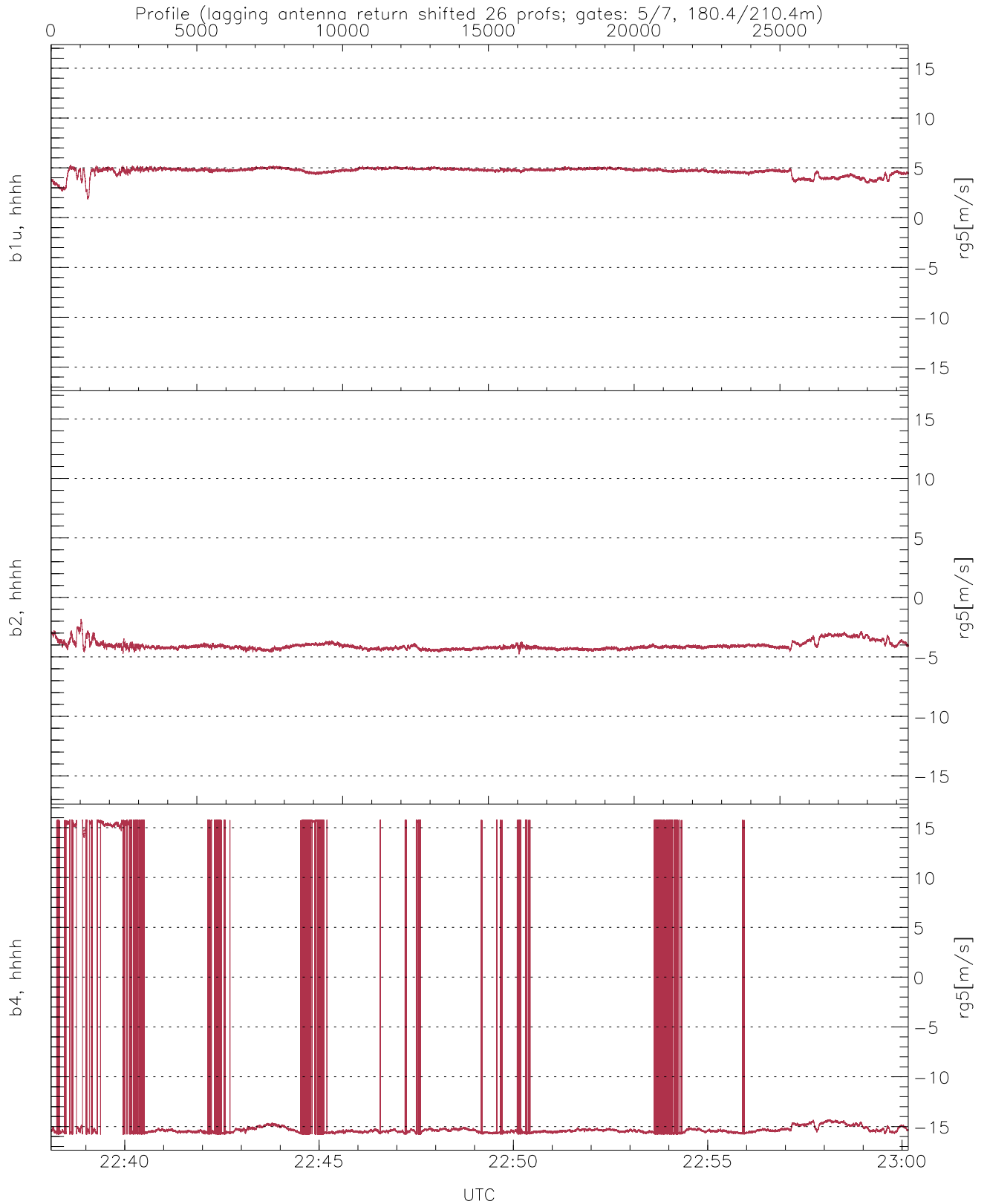
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-22.70	-8.88	-14.58
down(hh[dBm])	-24.01	-10.40	-15.66
down-fore(hh[dBm])	-28.82	-14.45	-19.89



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

	Min	Max	Mean
up/down (dB)	-4.62	7.02	1.12
down/down-fore (dB)	1.25	10.21	5.55



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.86	5.31	4.65	0.41
b2, hhhh(rg5[m/s])	-4.78	-1.81	-4.07	0.35
b4, hhhh(rg5[m/s])	-15.79	15.79	-12.36	9.16