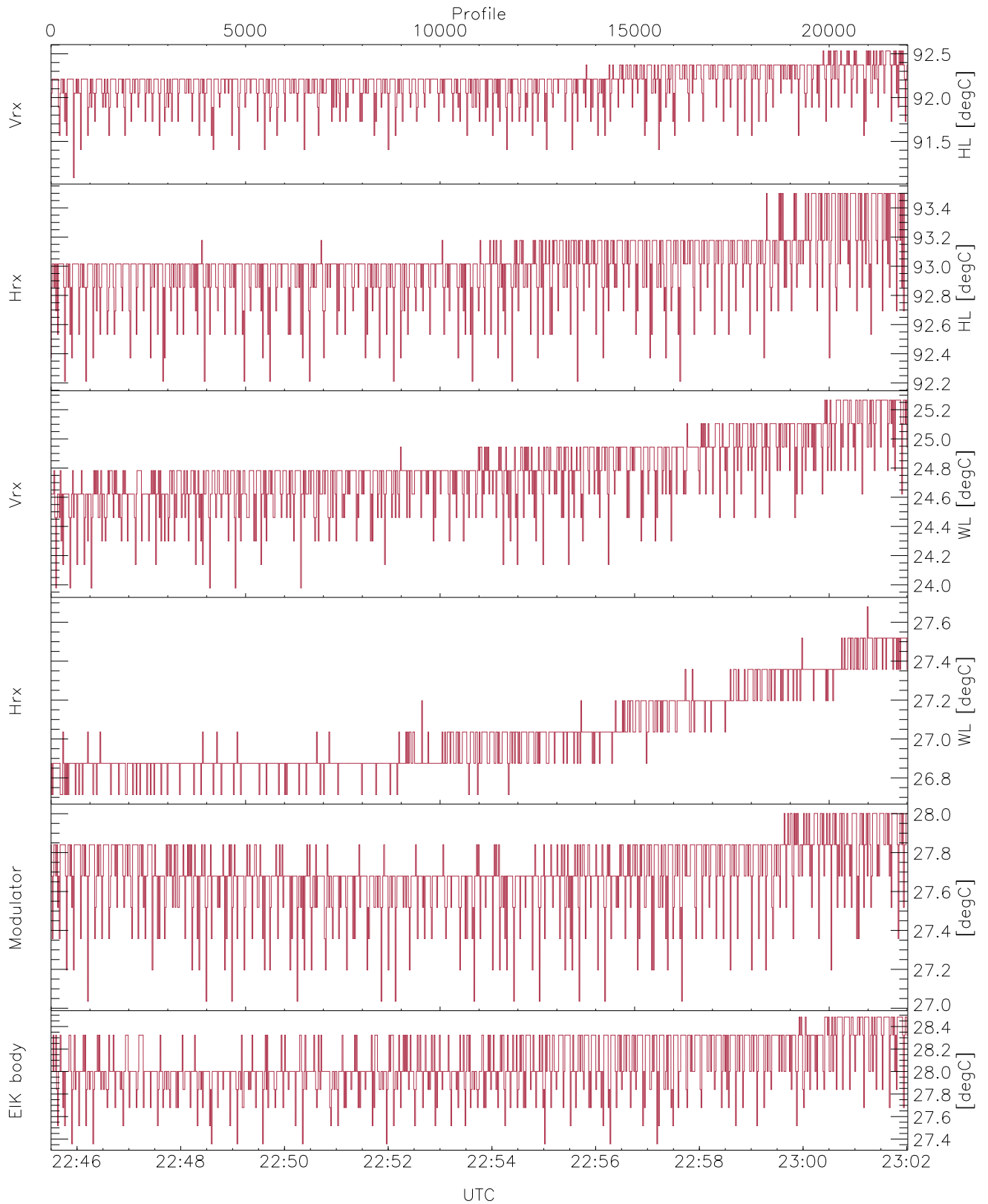


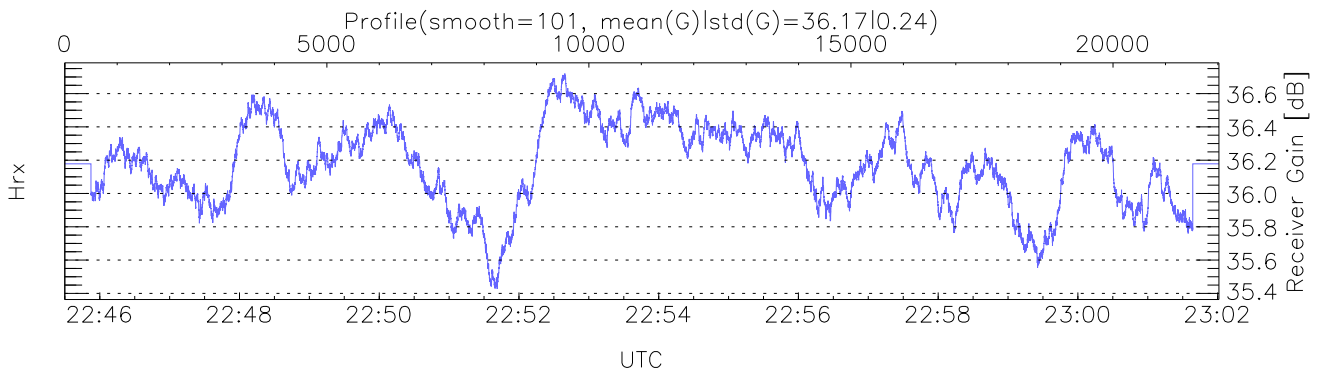
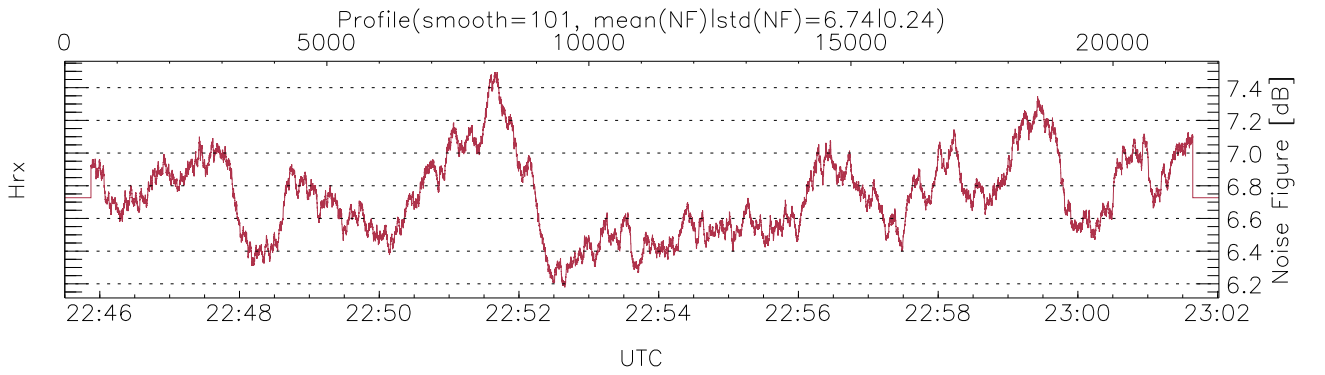
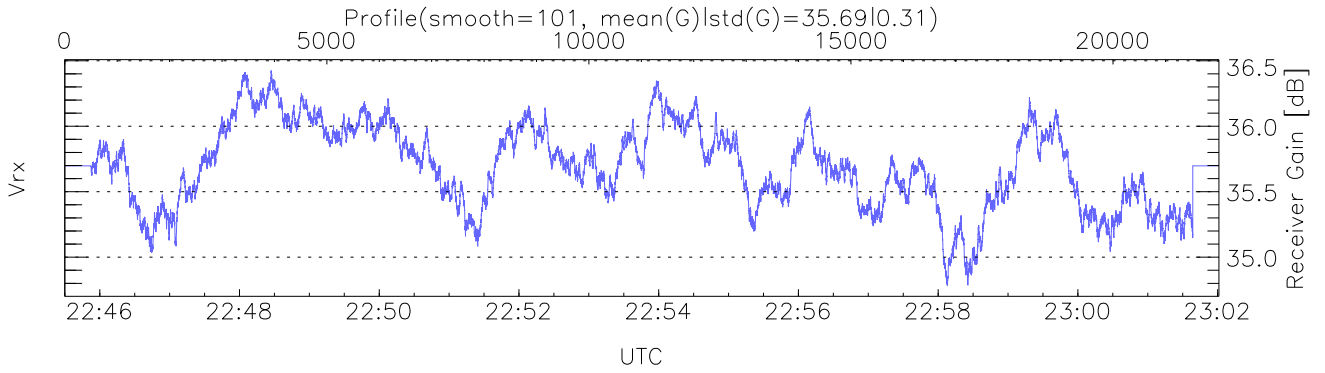
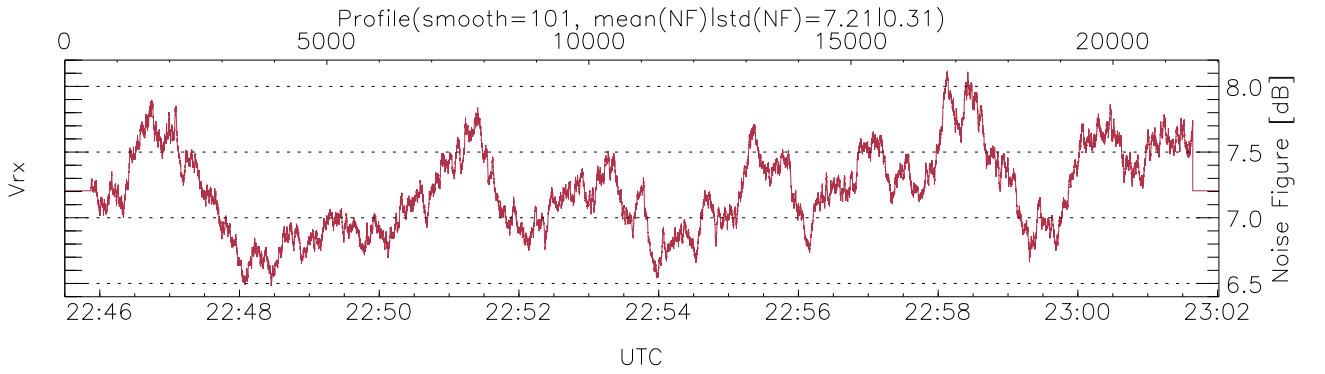
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:45:30-23:02:01, TimeCor: 0.00s, Dur: 991.19s
 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): 22022/22022, 0-22021/22:45:30-23:02:01
 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 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



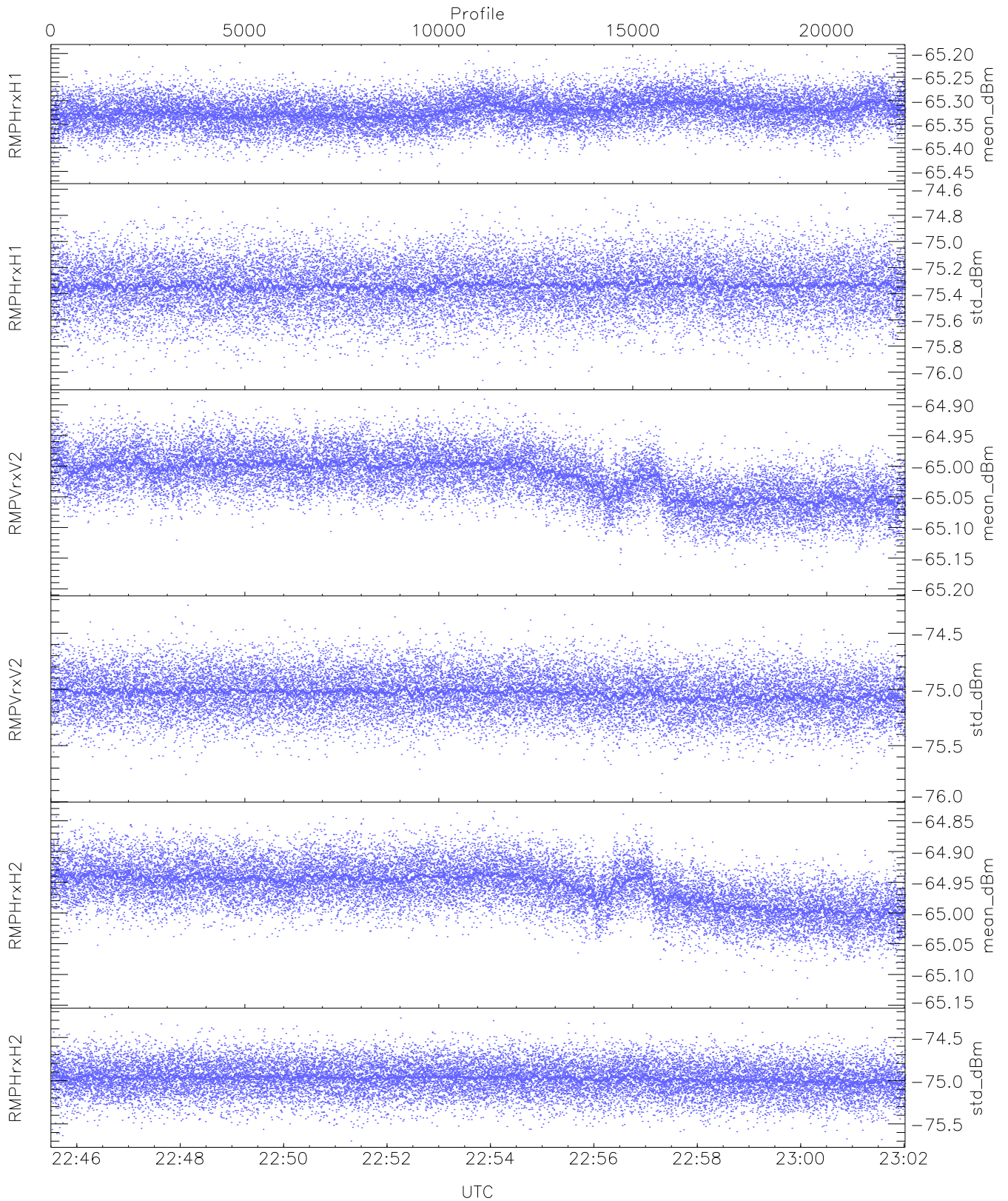
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,27,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,27,28,28
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



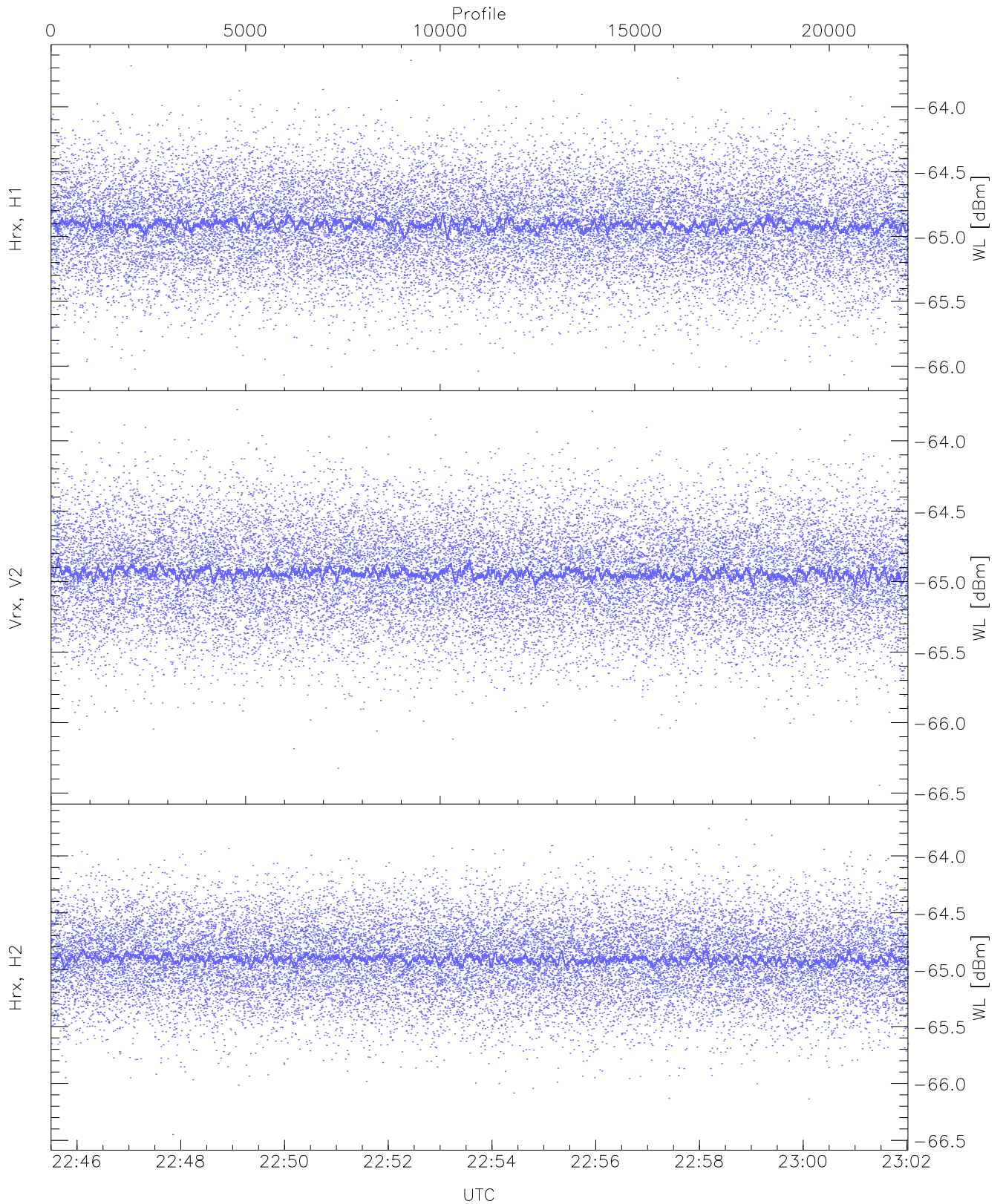
WCR3 CPP Receivers Gain and Noise Figure

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



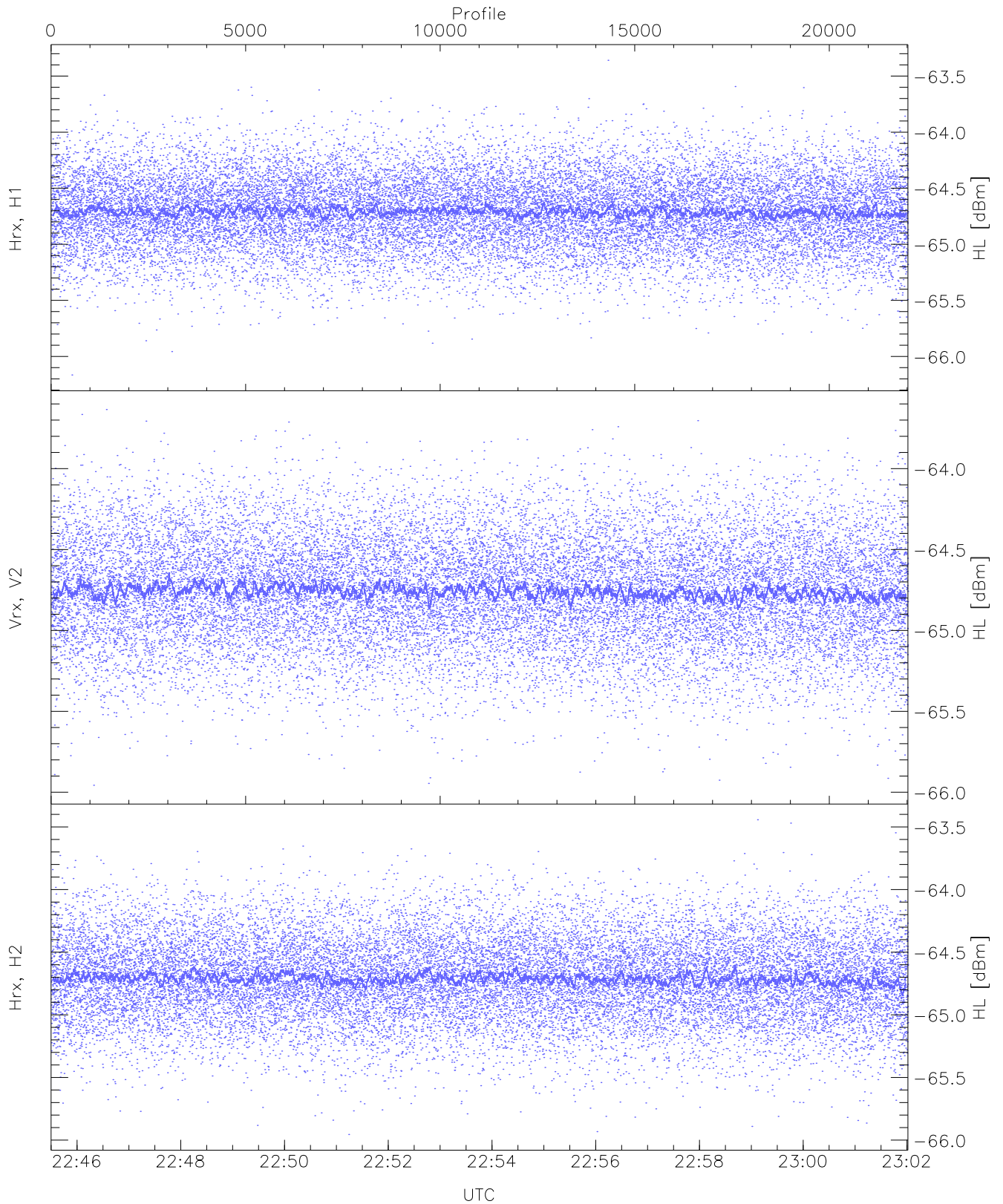
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.46	-65.19	-65.32	-65.32	-86.69
RMPHrxH1 (std_dBm)	-76.06	-74.63	-75.34	-75.34	-89.10
RMPVrxV2 (mean_dBm)	-65.20	-64.89	-65.02	-65.02	-85.34
RMPVrxV2 (std_dBm)	-75.92	-74.25	-75.03	-75.04	-88.76
RMPHrxH2 (mean_dBm)	-65.14	-64.83	-64.96	-64.96	-85.55
RMPHrxH2 (std_dBm)	-75.70	-74.23	-74.97	-74.98	-88.70



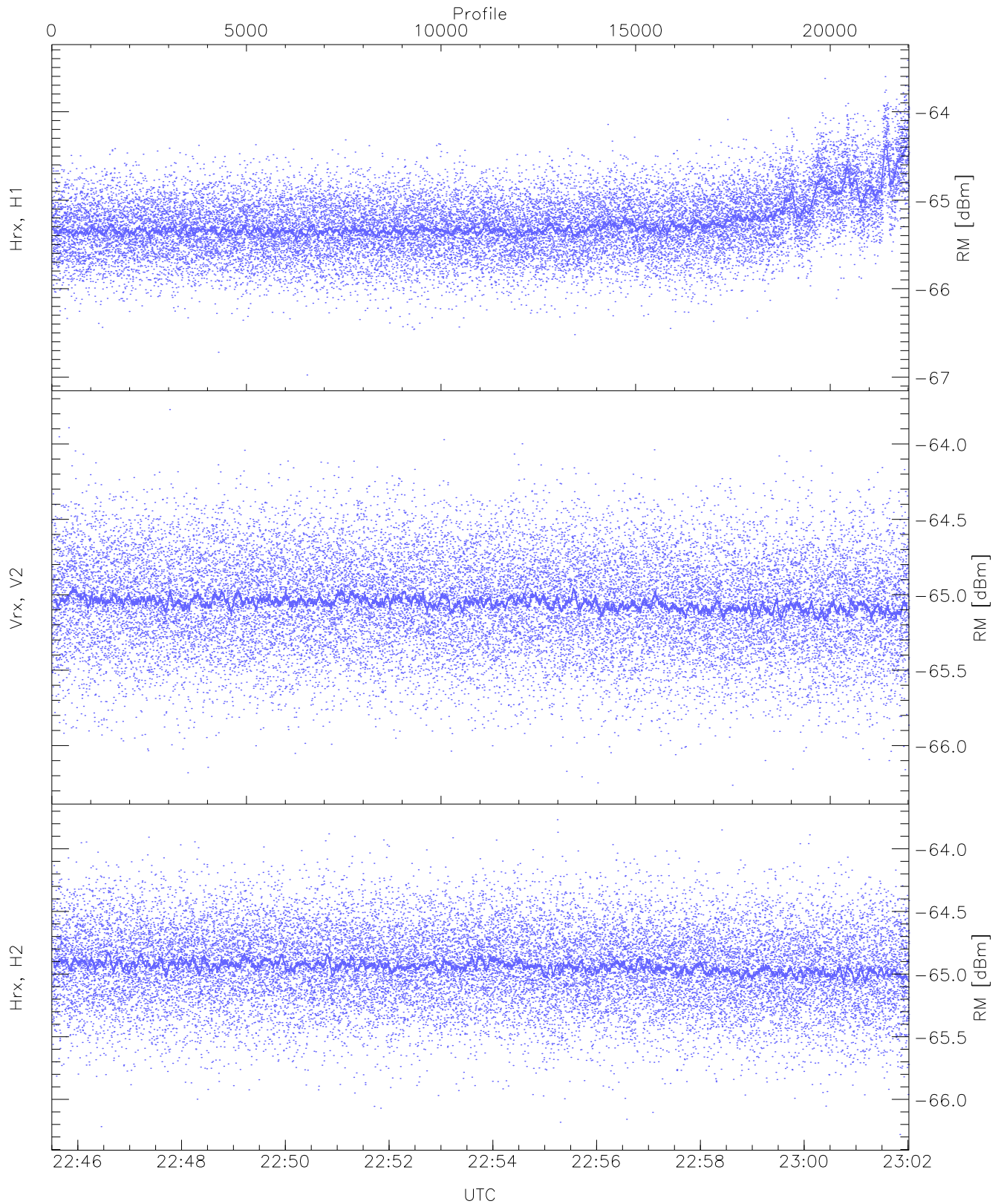
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.07	-63.64	-64.90	-64.91	-76.41
Vrx, V2 (WL [dBm])	-66.44	-63.78	-64.93	-64.94	-76.42
Hrx, H2 (WL [dBm])	-66.45	-63.68	-64.90	-64.90	-76.40



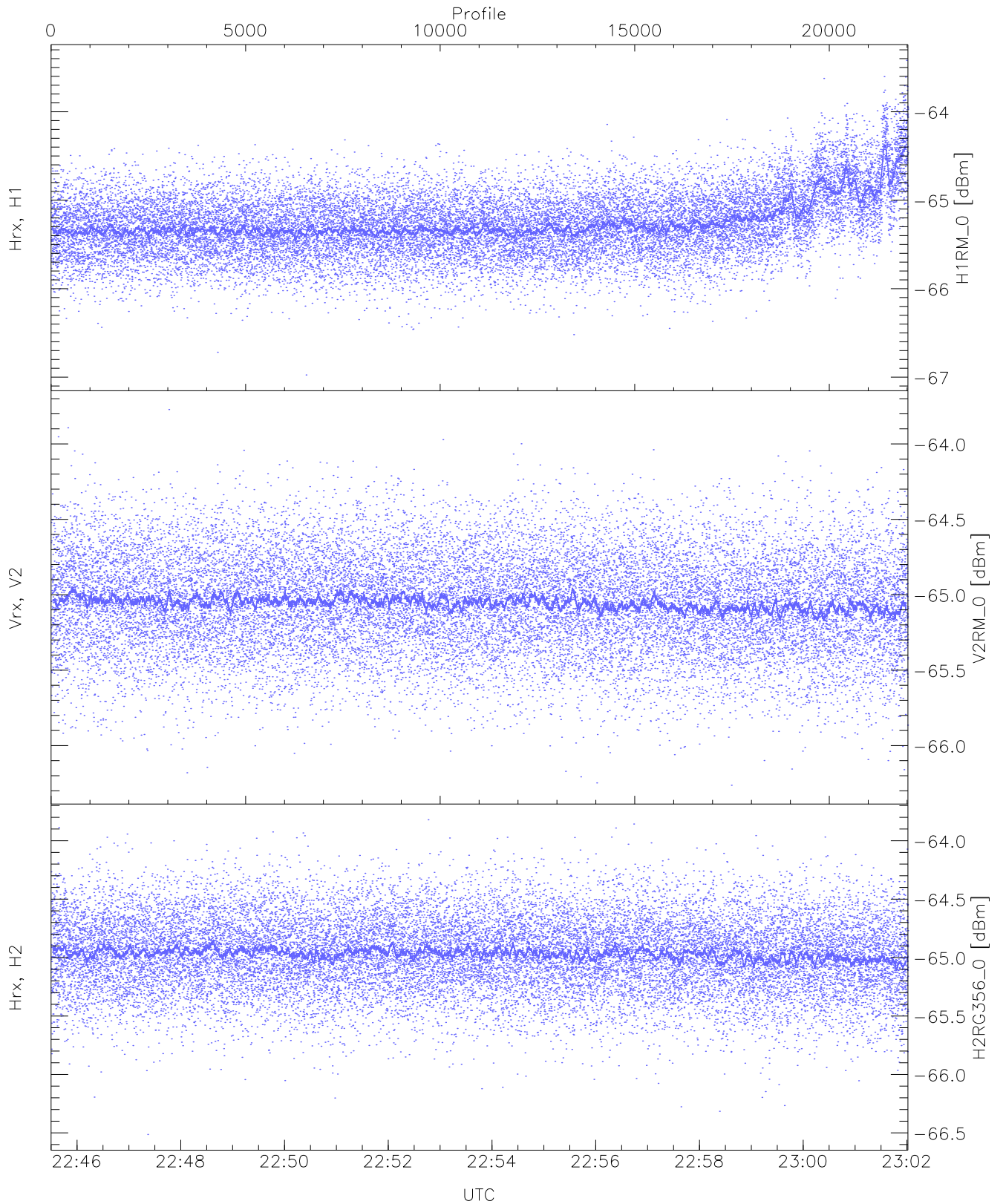
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.17	-63.36	-64.70	-64.71	-76.21
Vrx, V2 (HL [dBm])	-65.96	-63.63	-64.75	-64.76	-76.25
Hrx, H2 (HL [dBm])	-65.95	-63.44	-64.70	-64.71	-76.19



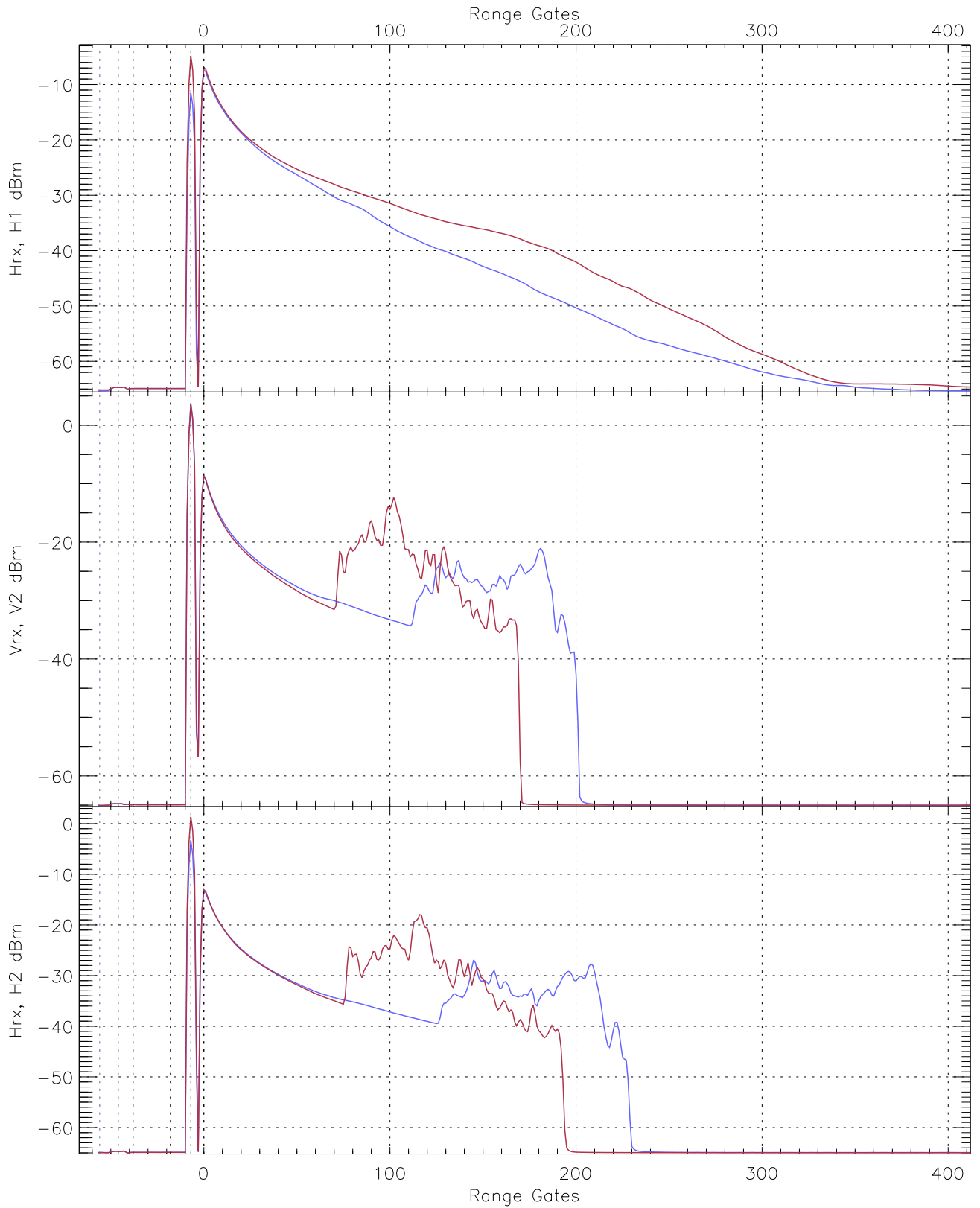
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.98	-63.42	-65.24	-65.27	-75.94
Vrx, V2 (RM [dBm])	-66.26	-63.77	-65.05	-65.06	-76.54
Hrx, H2 (RM [dBm])	-66.28	-63.77	-64.93	-64.94	-76.43

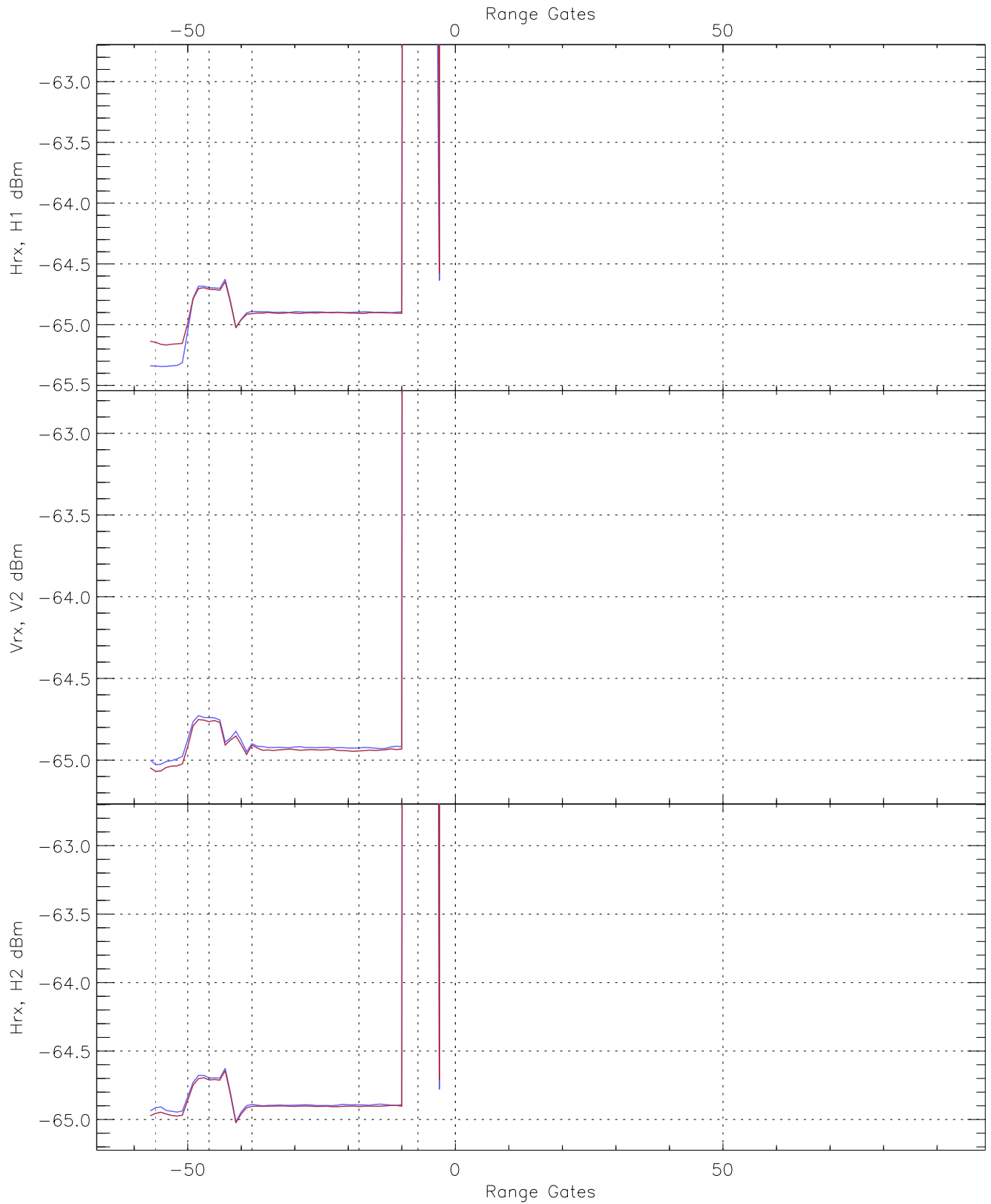


WCR3 CPP "Best" estimate Receivers Noise Power

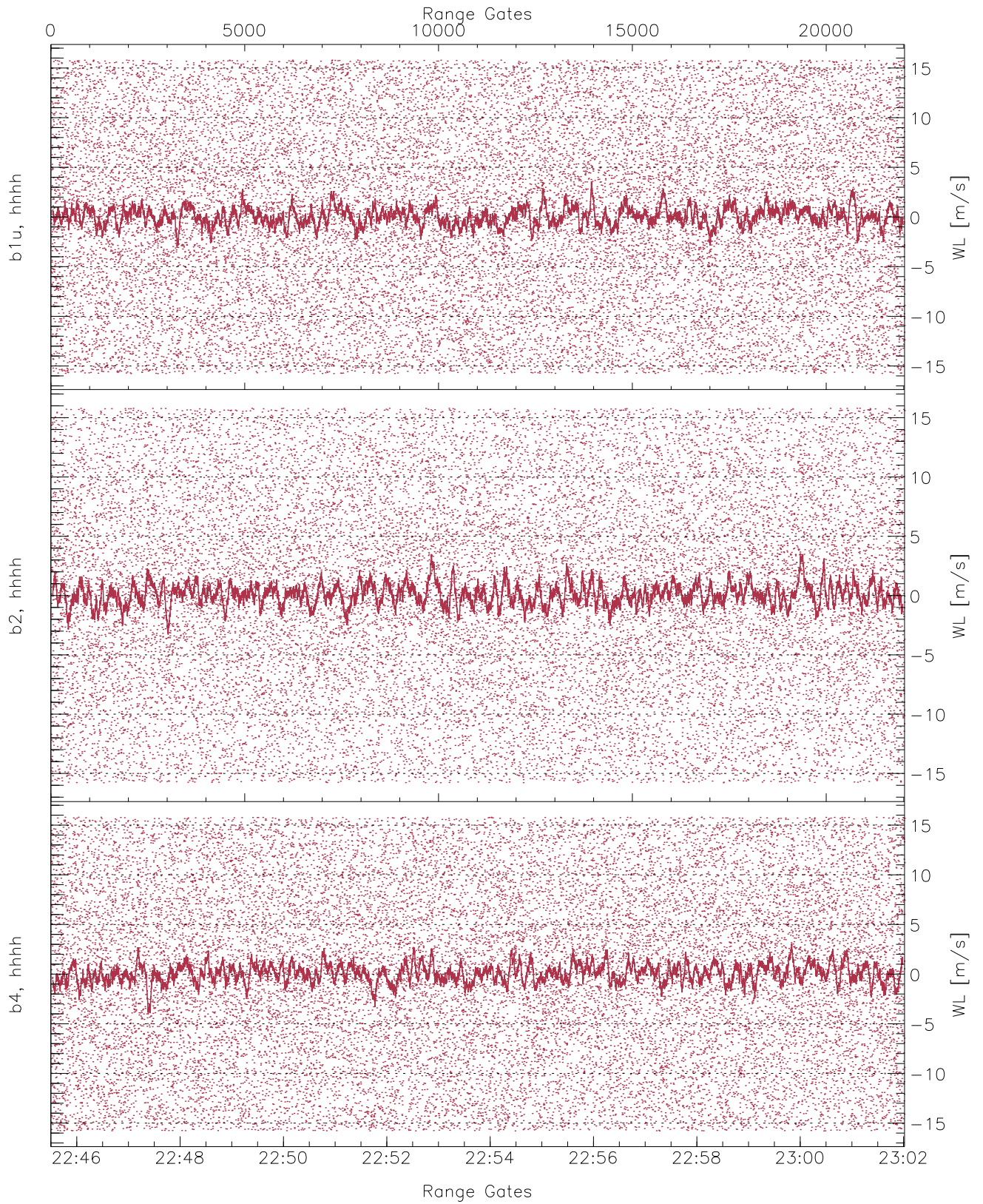
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.98	-63.42	-65.24	-65.27	-75.94
V2RM_0 [dBm]	-66.26	-63.77	-65.05	-65.06	-76.54
H2RG356_0 [dBm]	-66.51	-63.82	-64.96	-64.97	-76.46



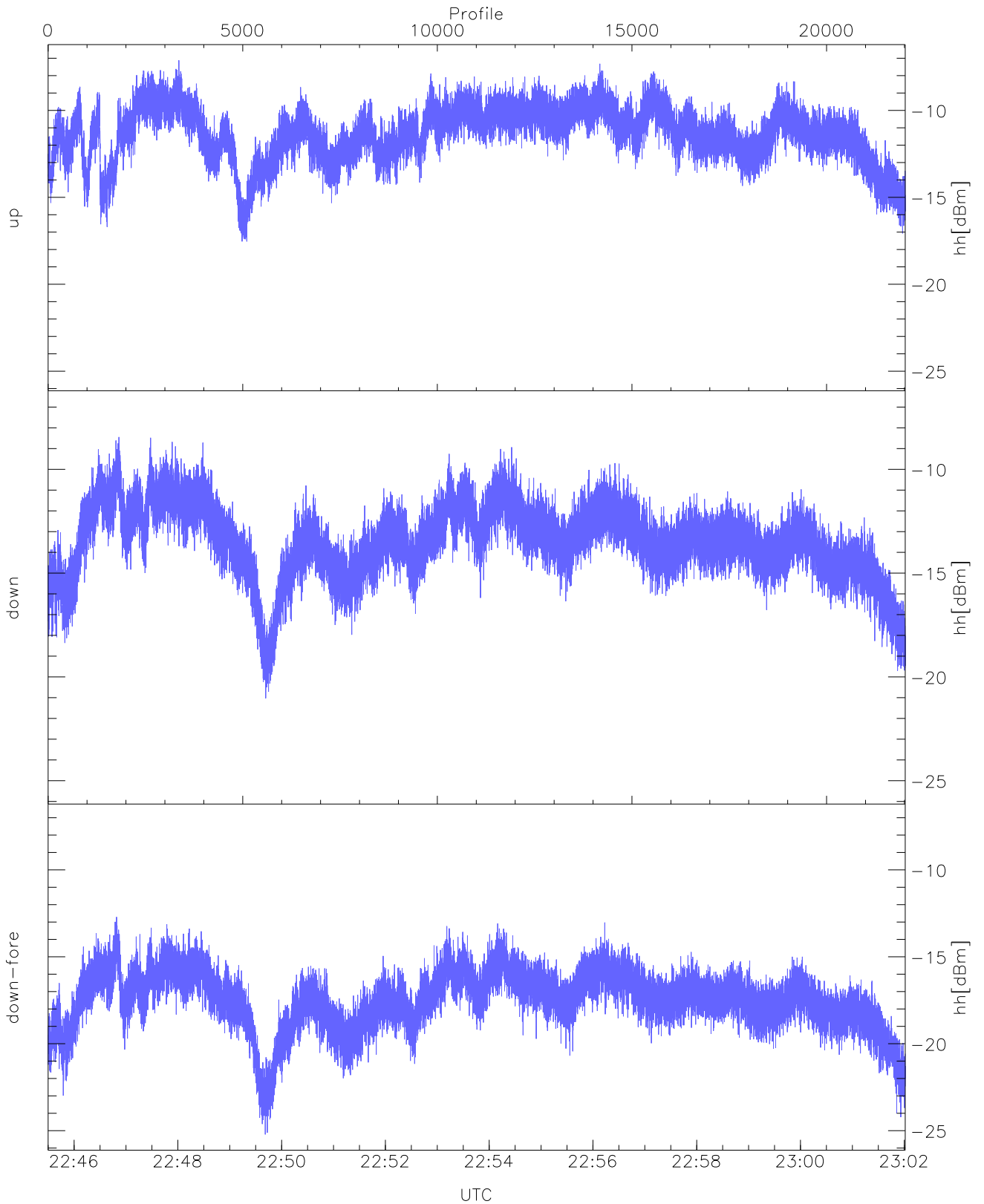
WCR3 CPP Averaged Received power for all recorded gates
blue: 224530-225346, 11012 profiles averaged
red: 225346-230201, 11011 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 224530-225346, 11012 profiles averaged
red: 225346-230201, 11011 profiles averaged

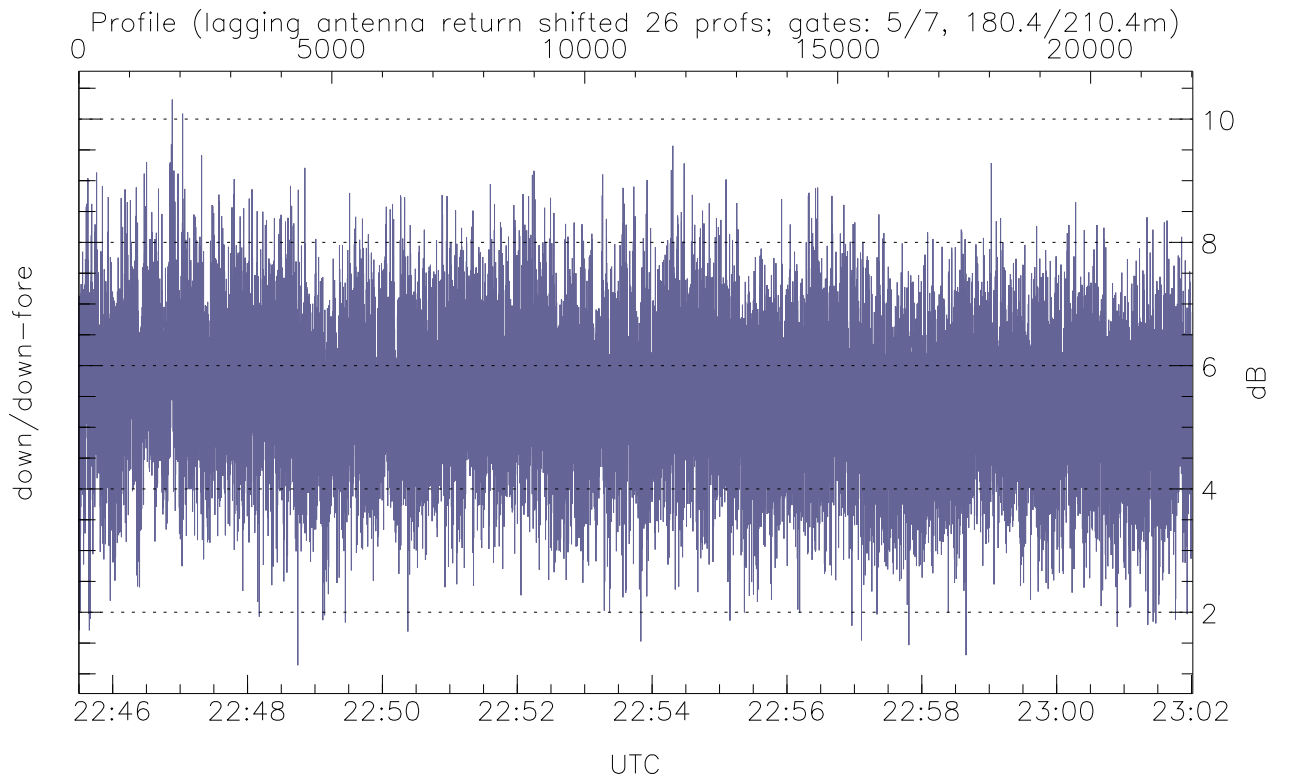
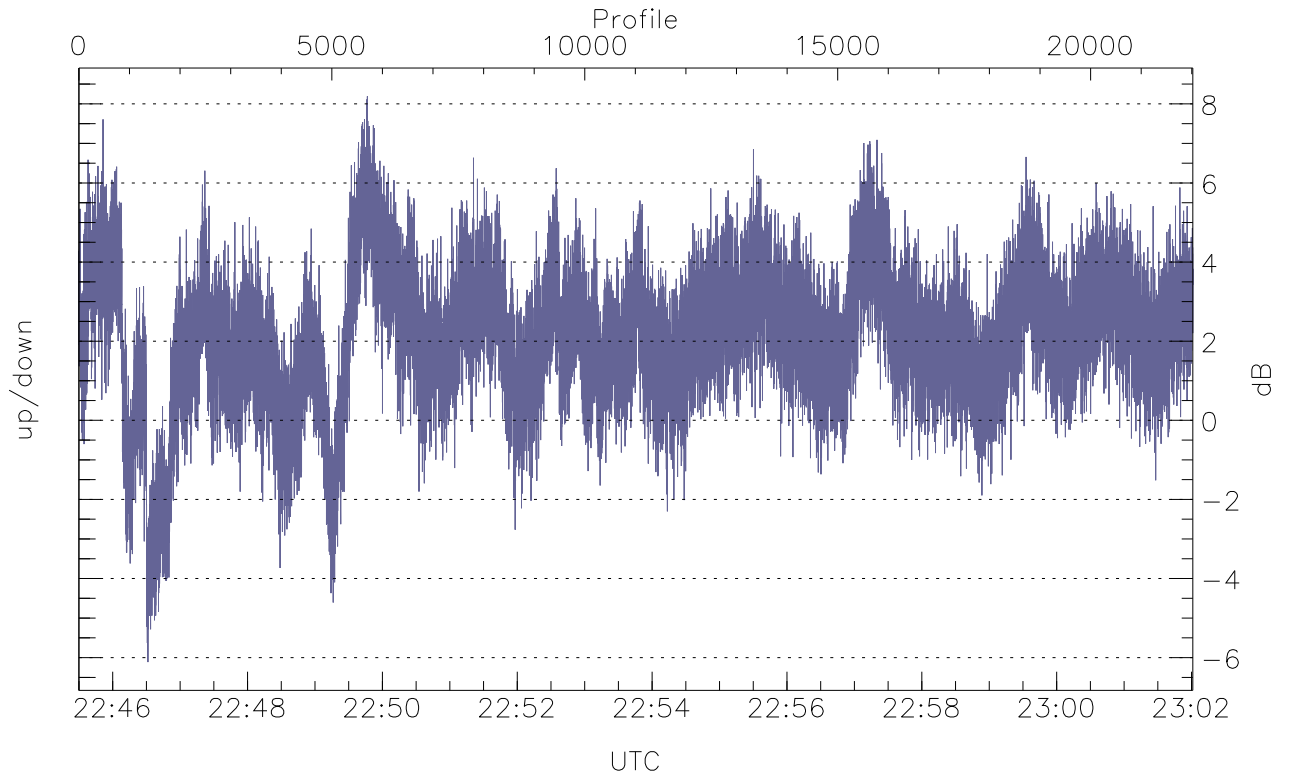


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



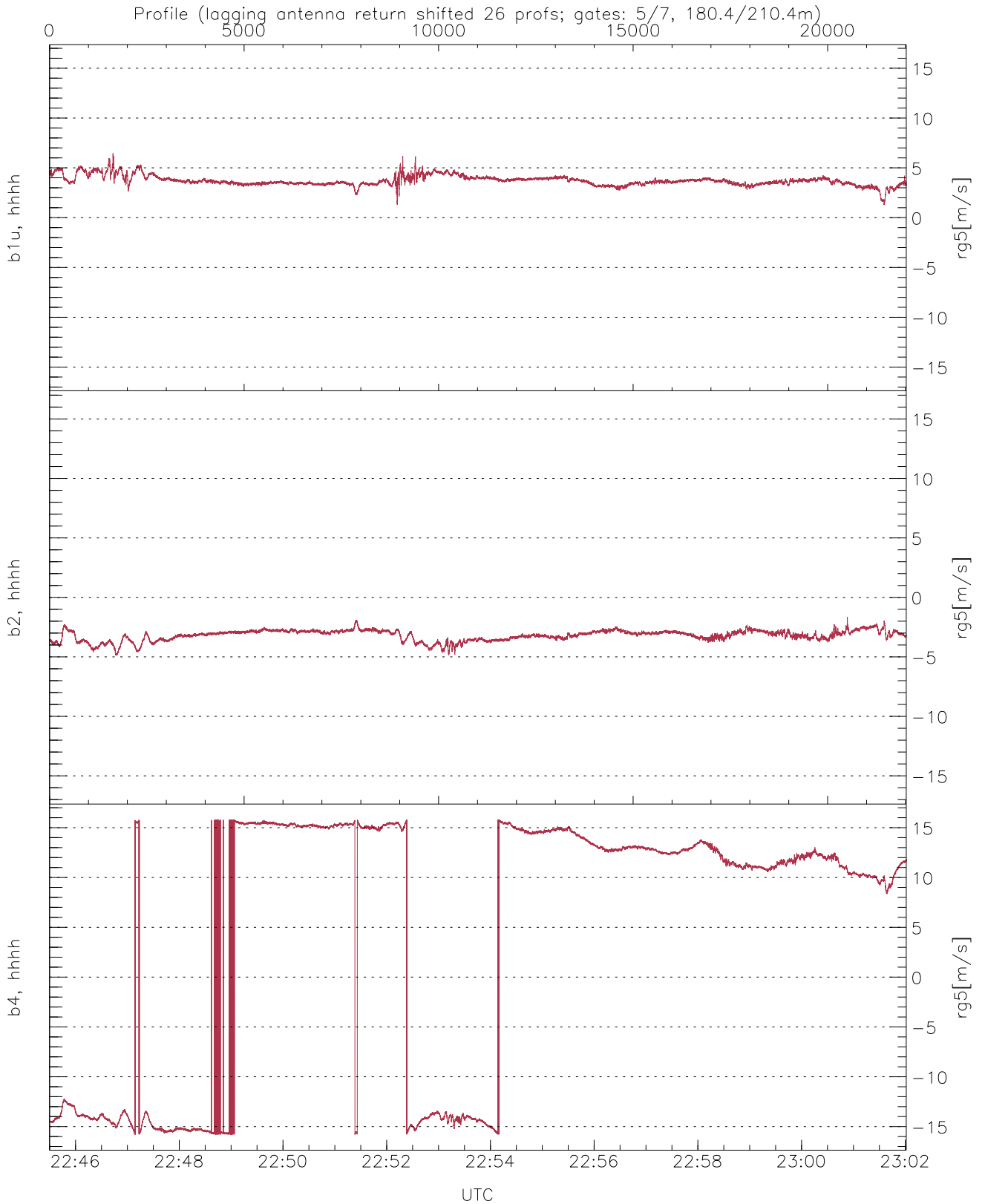
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-17.54	-7.12	-11.11
down(hh[dBm])	-21.03	-8.44	-13.16
down-fore(hh[dBm])	-25.22	-12.71	-17.21



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

	Min	Max	Mean
up/down (dB)	-6.11	8.19	2.12
down/down-fore (dB)	1.14	10.32	5.47



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.28	6.46	3.71	0.51
b2, hhhh(rg5[m/s])	-4.87	-1.64	-3.20	0.45
b4, hhhh(rg5[m/s])	-15.79	15.79	4.56	13.06