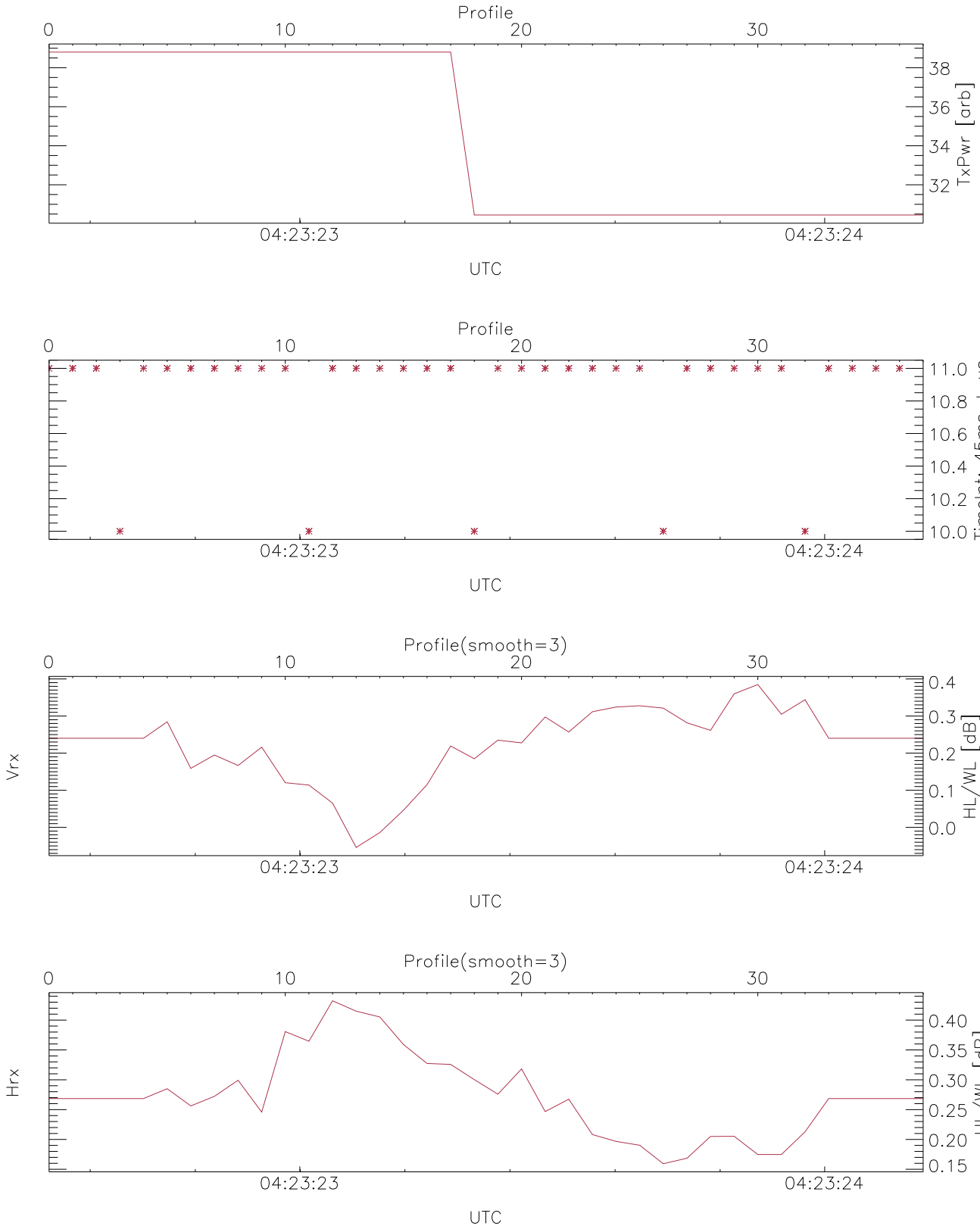
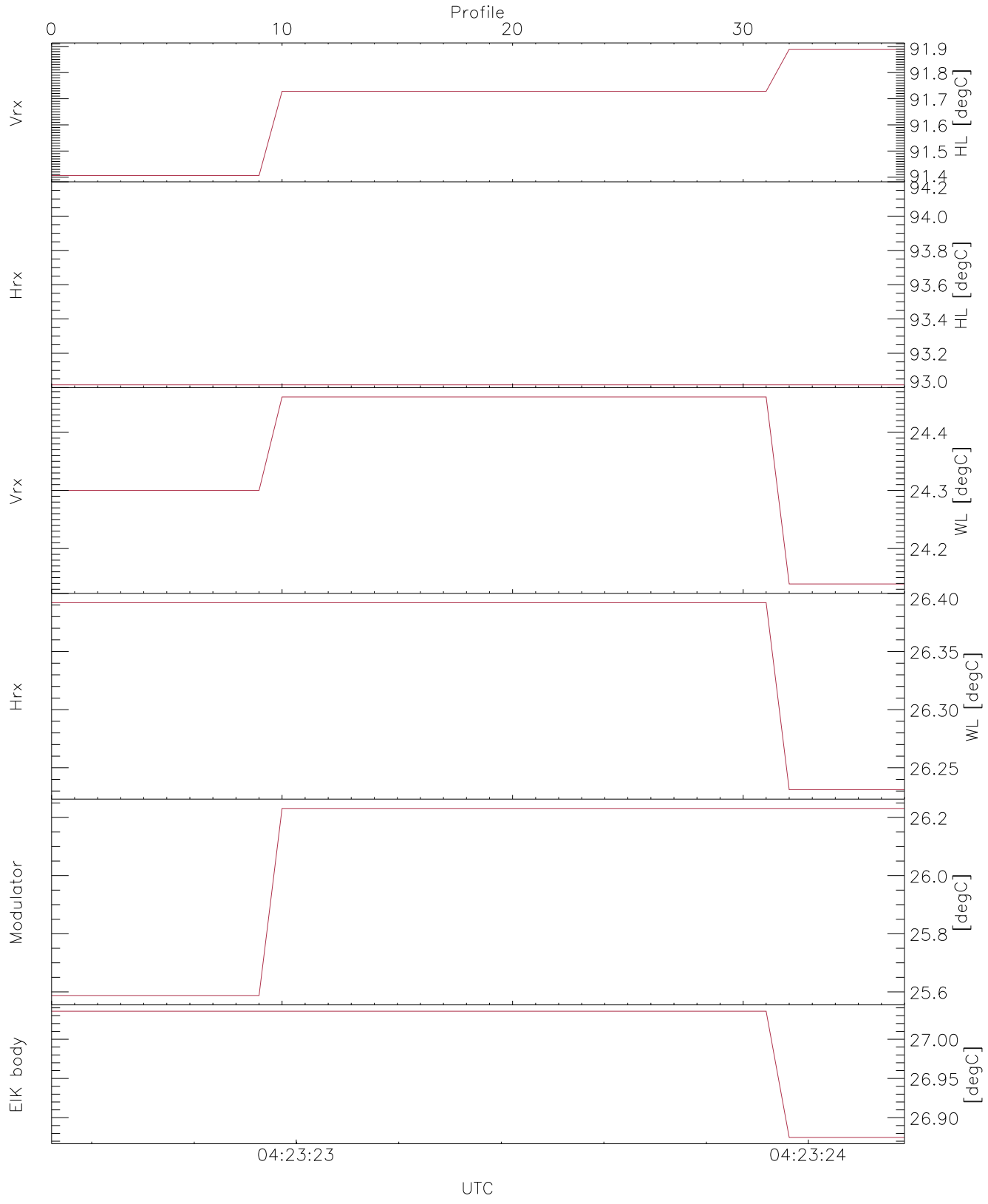


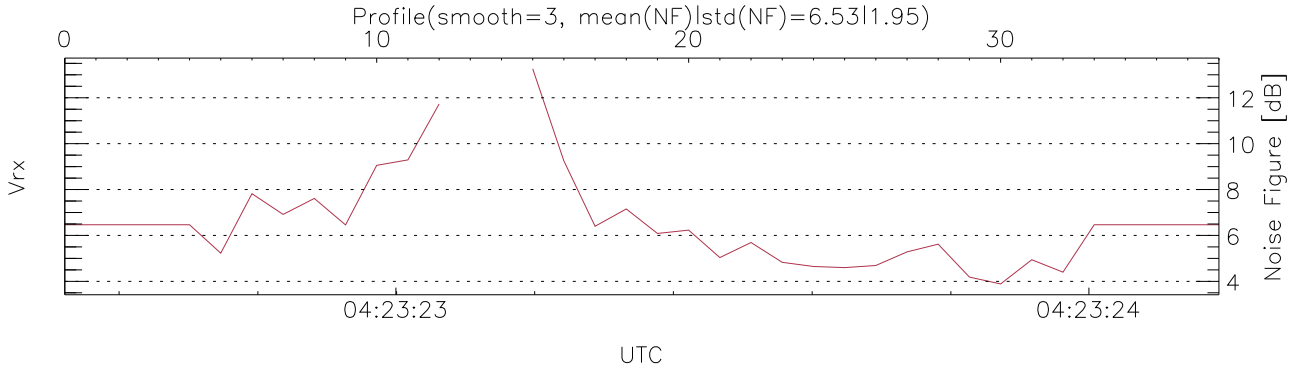
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

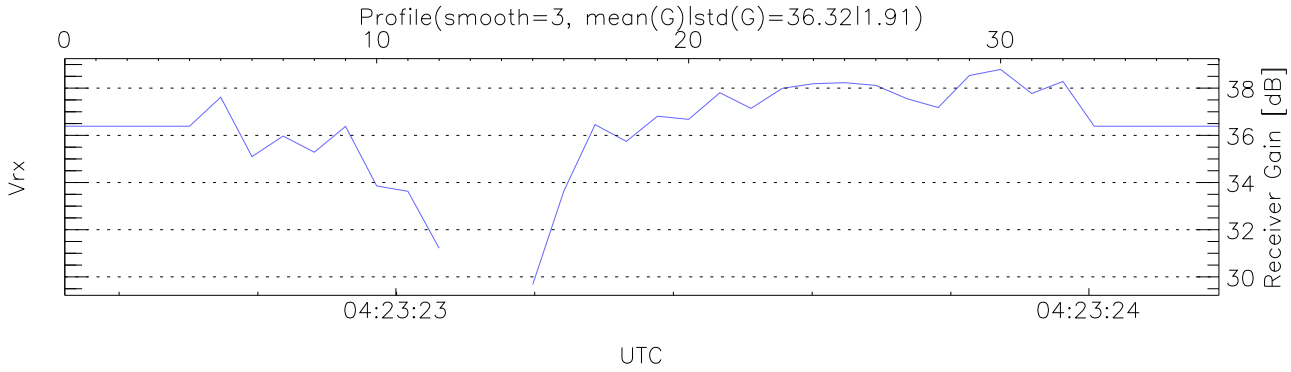
UTC: 04:23:23-04:23:24, TimeCor: 0.00s, Dur: 1.67s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 38/38, 0-37/04:23:23-04:23:24
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 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

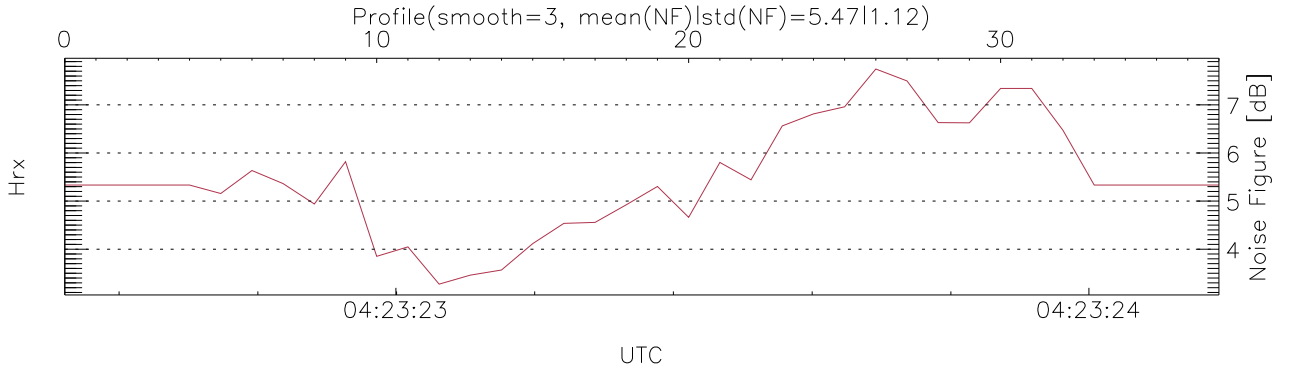


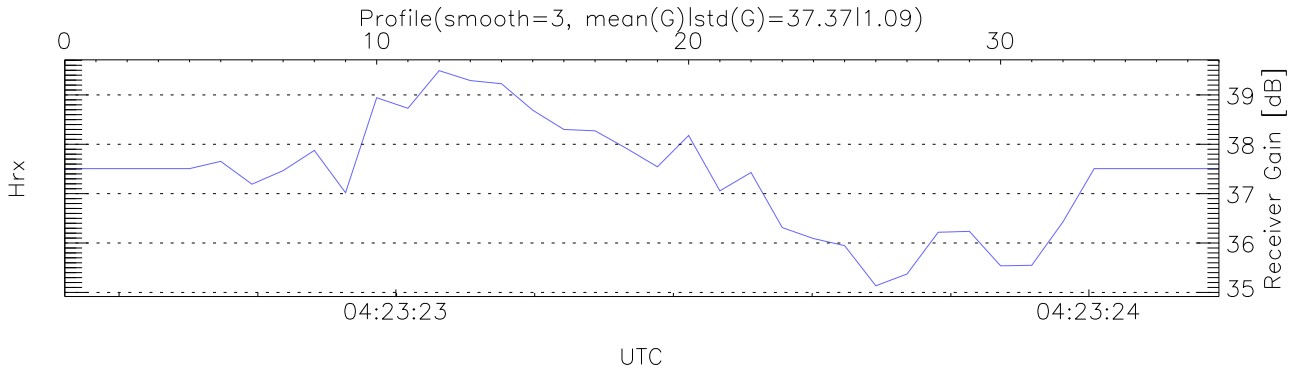
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,24,26,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,24,26,26,27
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



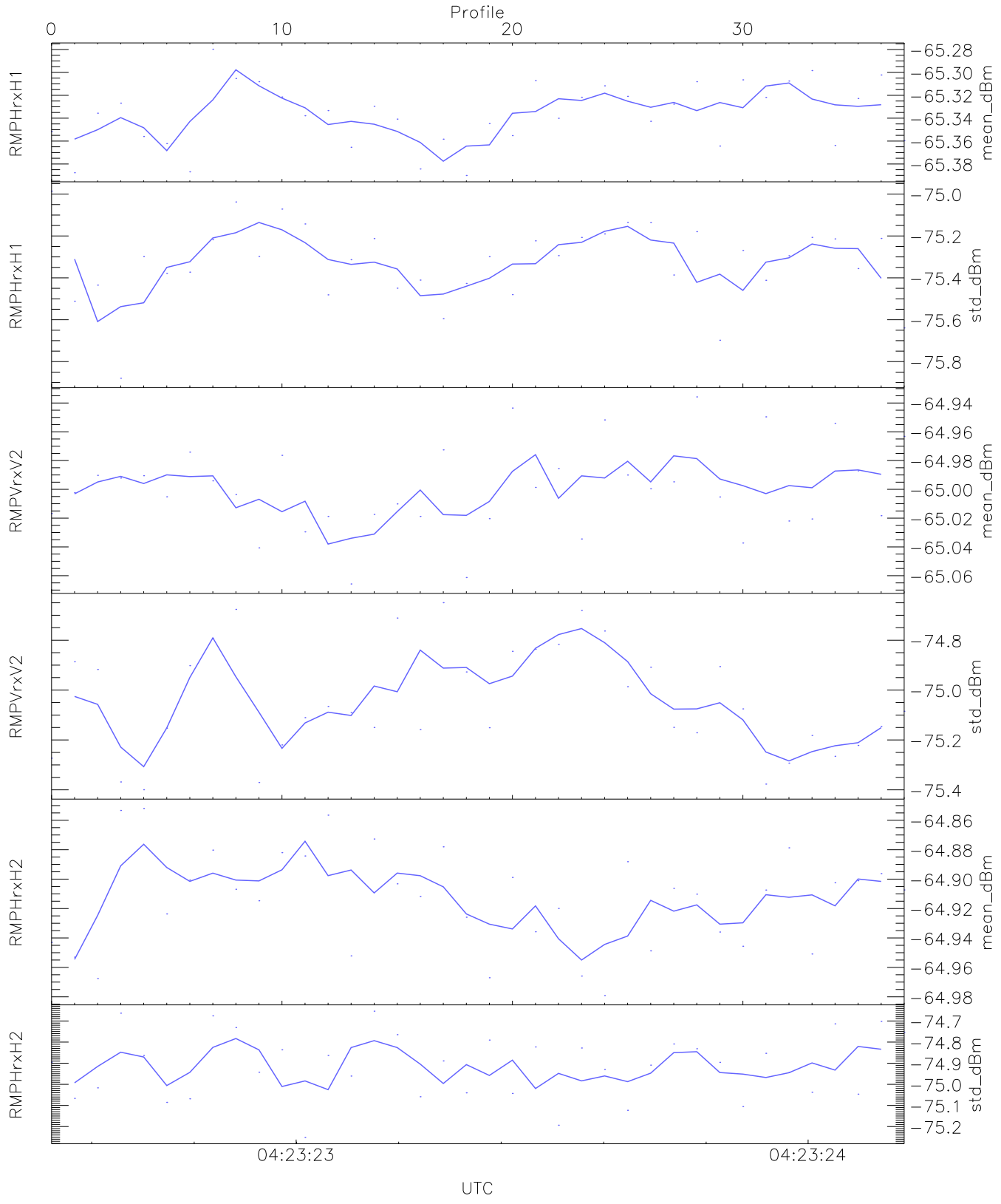






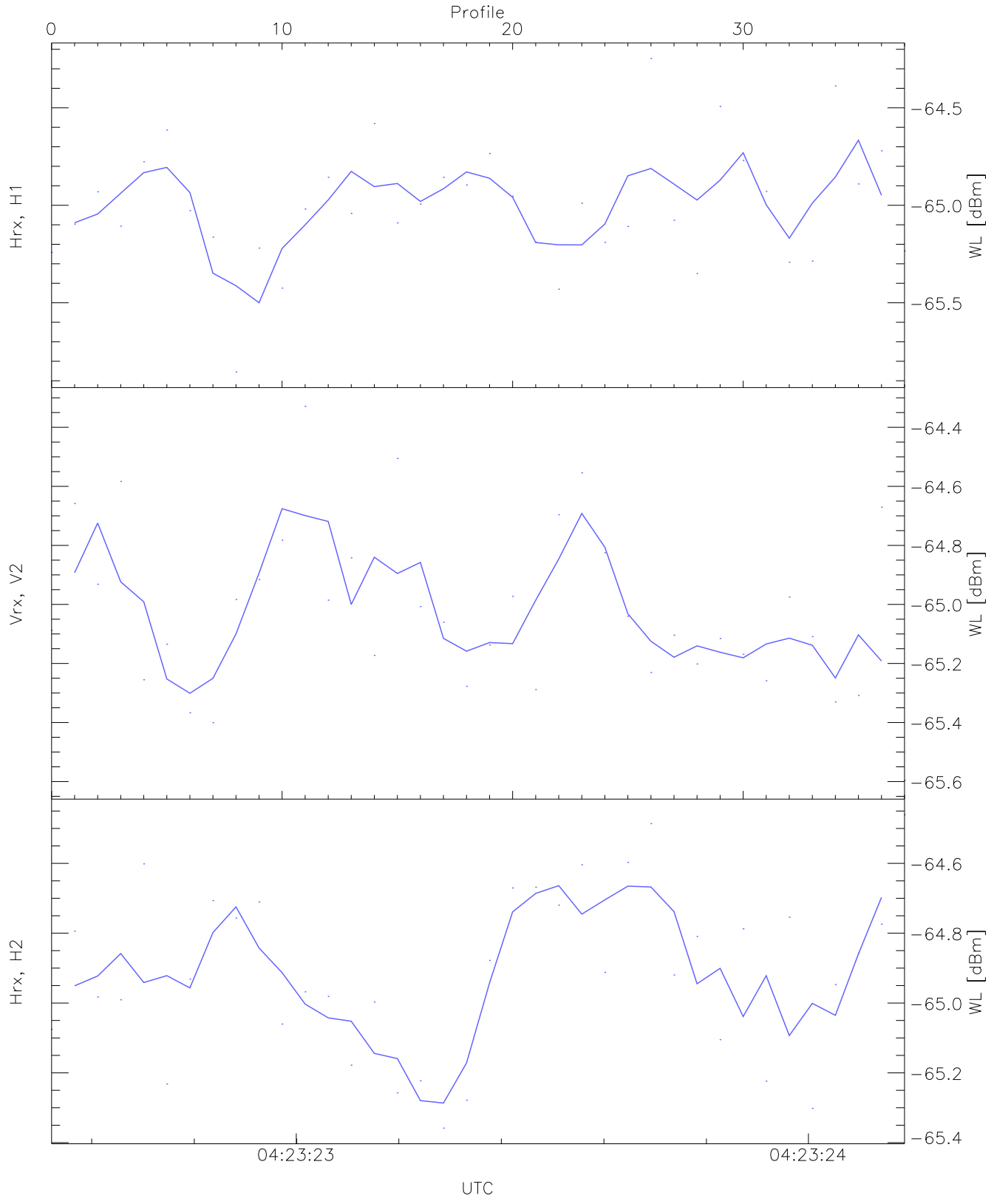
WCR3 CPP Receivers Gain and Noise Figure

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



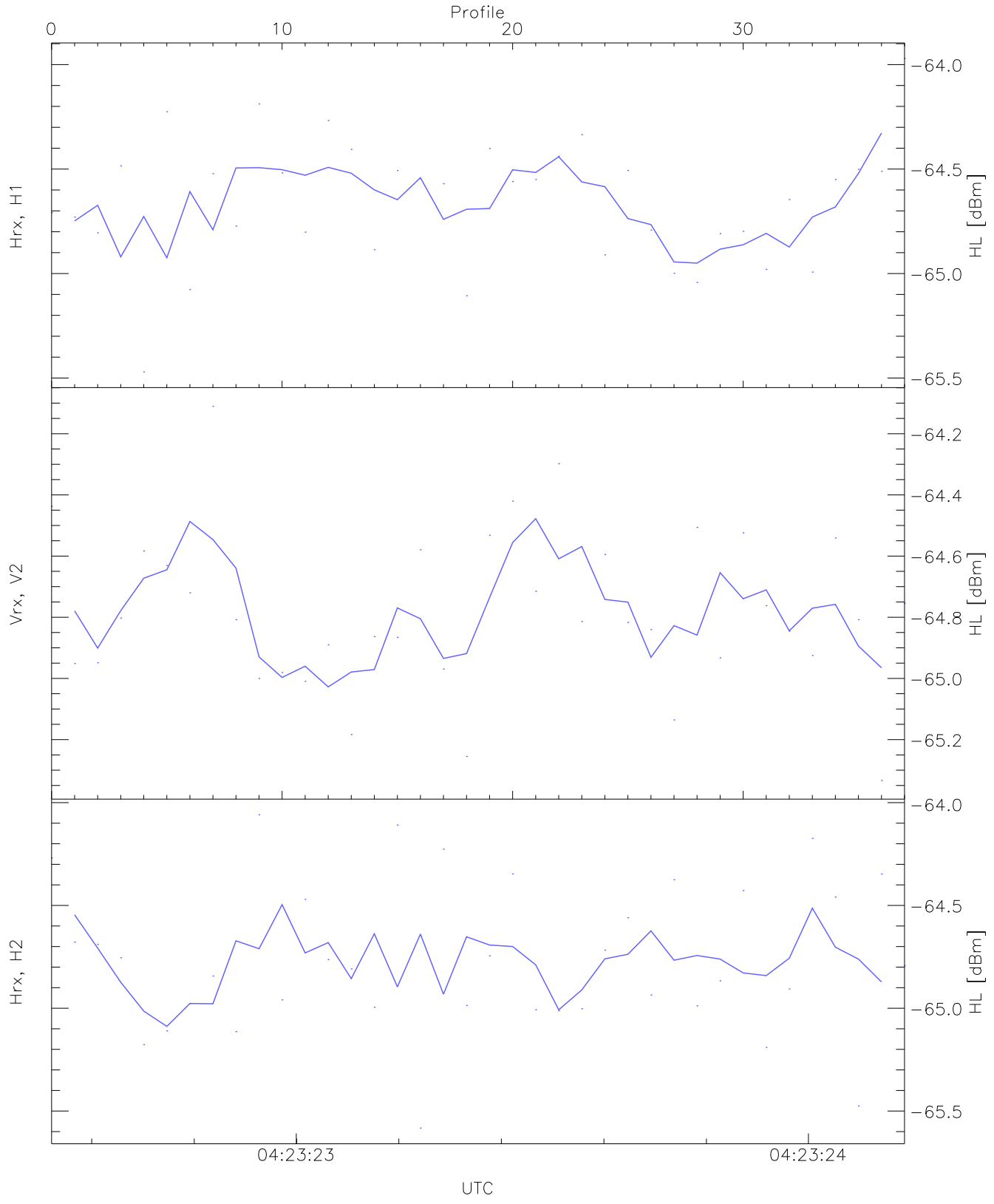
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.39	-65.28	-65.34	-65.33	-87.35
RMPHrxH1(std_dBm)	-75.88	-74.99	-75.32	-75.30	-89.16
RMPVrxV2(mean_dBm)	-65.07	-64.94	-65.00	-65.00	-86.57
RMPVrxV2(std_dBm)	-75.40	-74.65	-75.04	-75.08	-88.13
RMPHrxH2(mean_dBm)	-64.98	-64.85	-64.91	-64.91	-86.11
RMPHrxH2(std_dBm)	-75.25	-74.65	-74.91	-74.90	-89.50



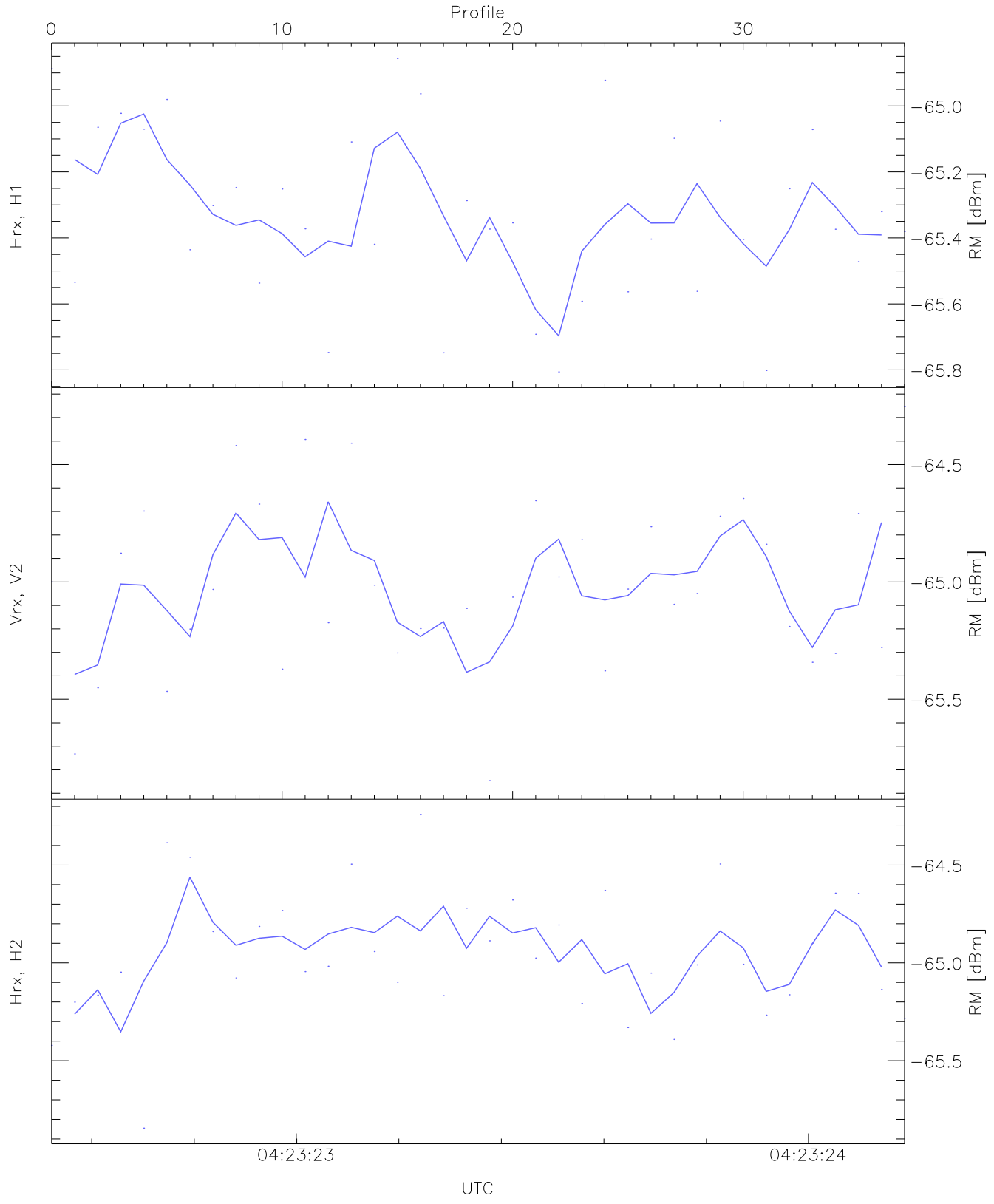
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.85	-64.25	-64.99	-65.02	-76.50
Vrx, V2(WL [dBm])	-65.60	-64.33	-65.01	-65.06	-76.93
Hrx, H2(WL [dBm])	-65.36	-64.46	-64.90	-64.91	-77.57



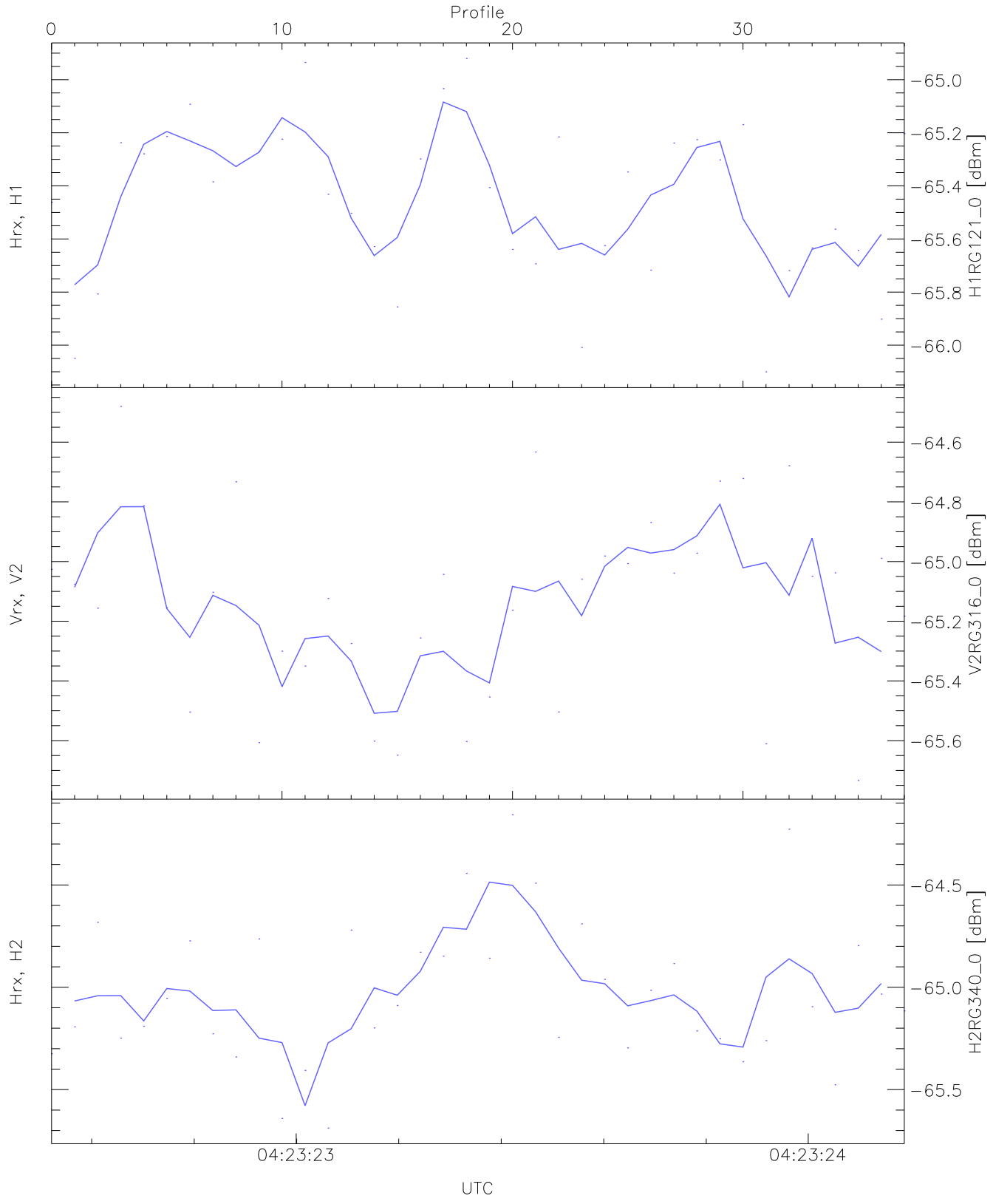
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.47	-63.97	-64.65	-64.56	-76.38
Vrx, V2(HL [dBm])	-65.33	-64.11	-64.77	-64.81	-77.05
Hrx, H2(HL [dBm])	-65.58	-64.06	-64.75	-64.79	-75.55



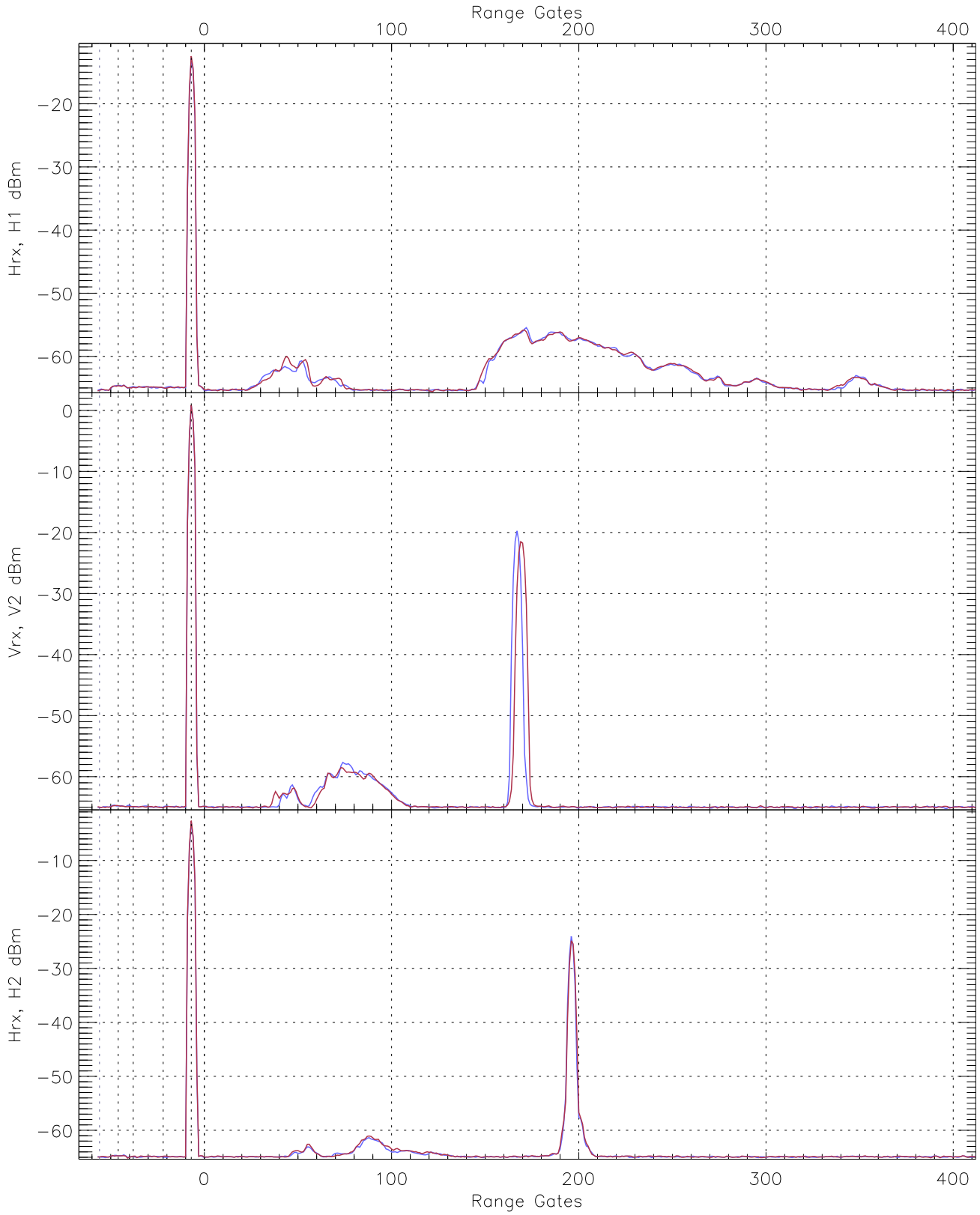
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-65.81	-64.86	-65.32	-65.35	-77.53
Vrx, V2(RM [dBm])	-65.85	-64.25	-65.00	-65.03	-75.82
Hrx, H2(RM [dBm])	-65.84	-64.24	-64.94	-65.01	-76.24

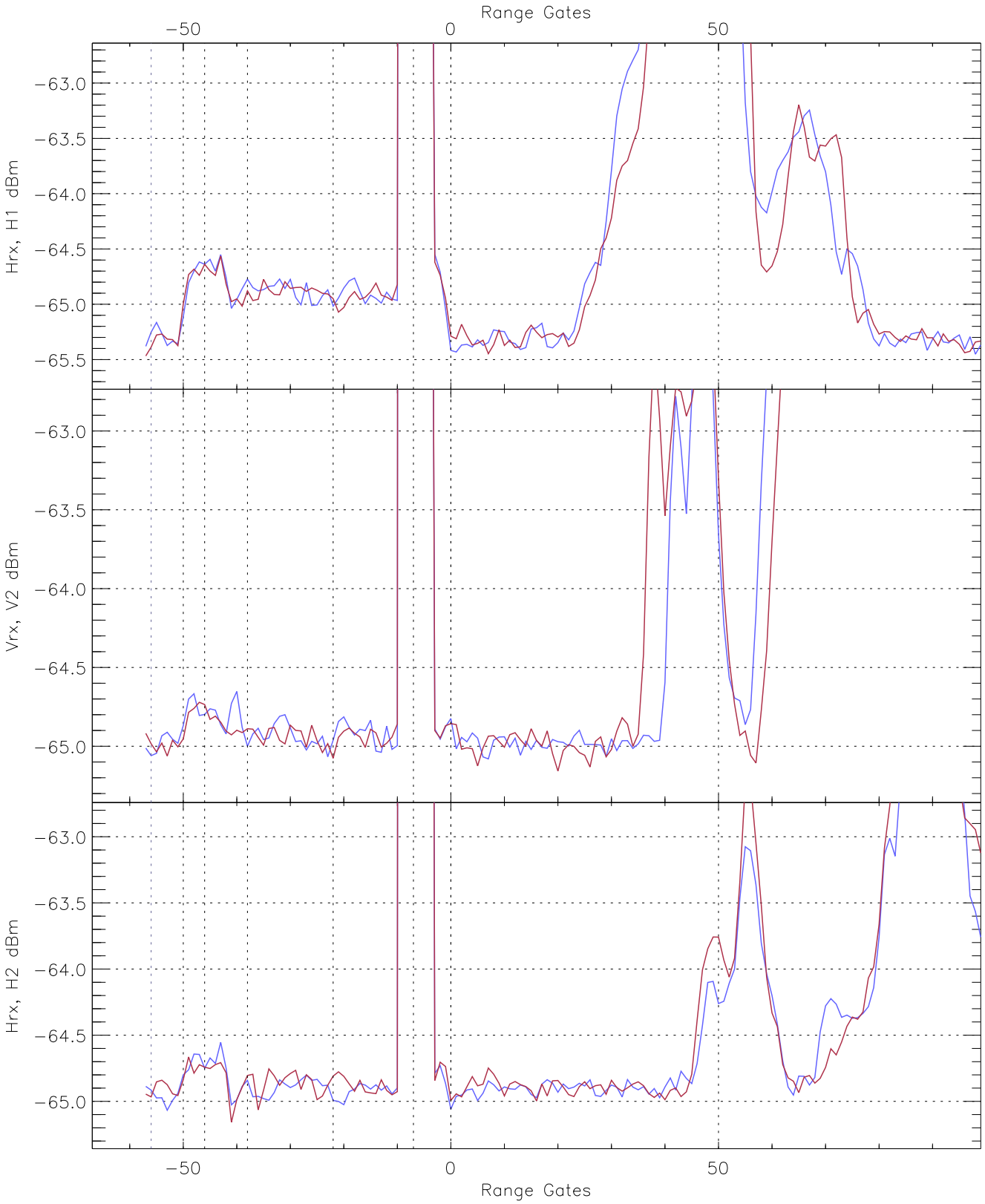


WCR3 CPP "Best" estimate Receivers Noise Power

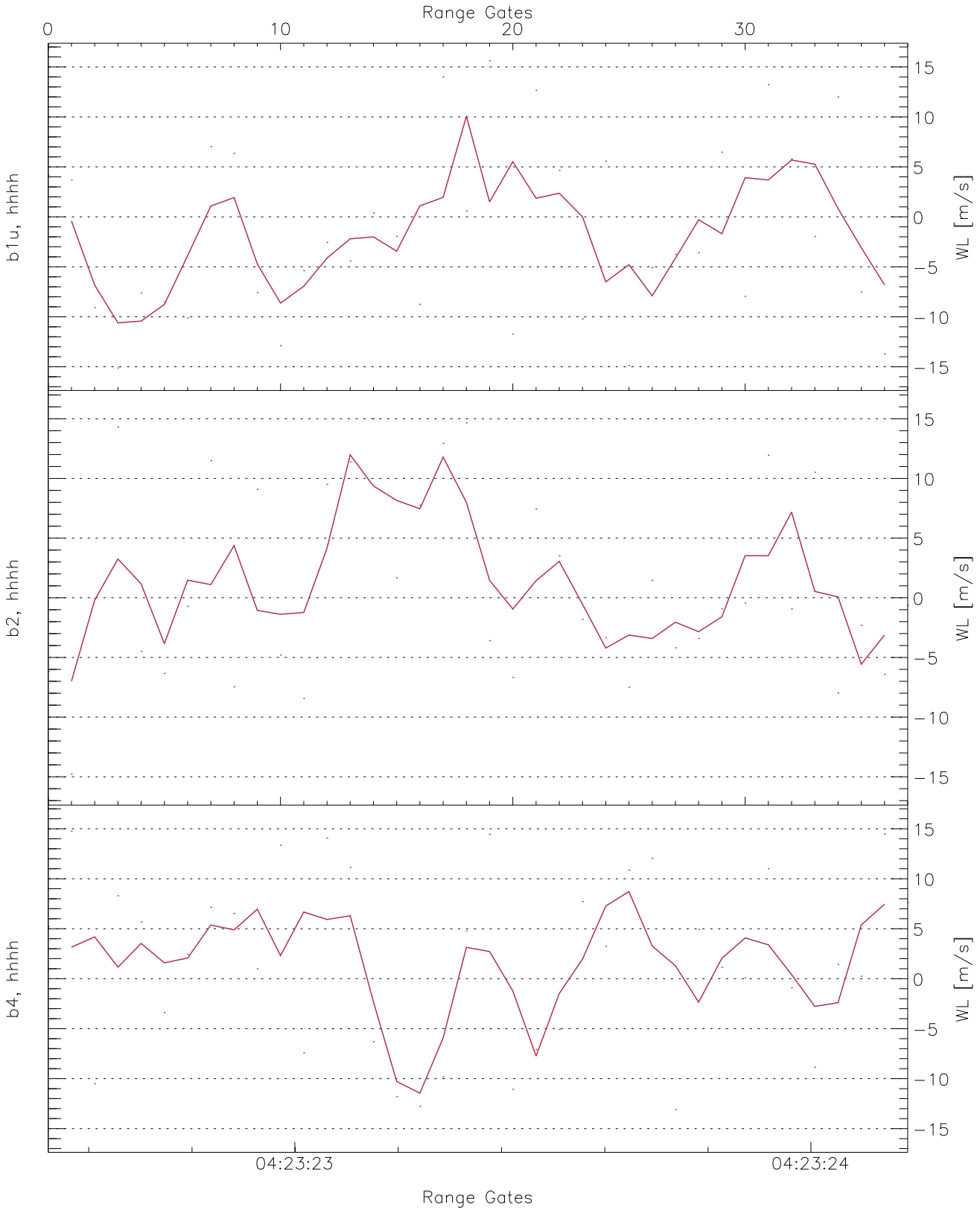
	Min	Max	Mean	Median	StDev
H1RG121_0 [dBm]	-66.10	-64.92	-65.45	-65.38	-77.12
V2RG316_0 [dBm]	-65.73	-64.48	-65.13	-65.08	-76.58
H2RG340_0 [dBm]	-65.69	-64.16	-65.01	-65.09	-75.89



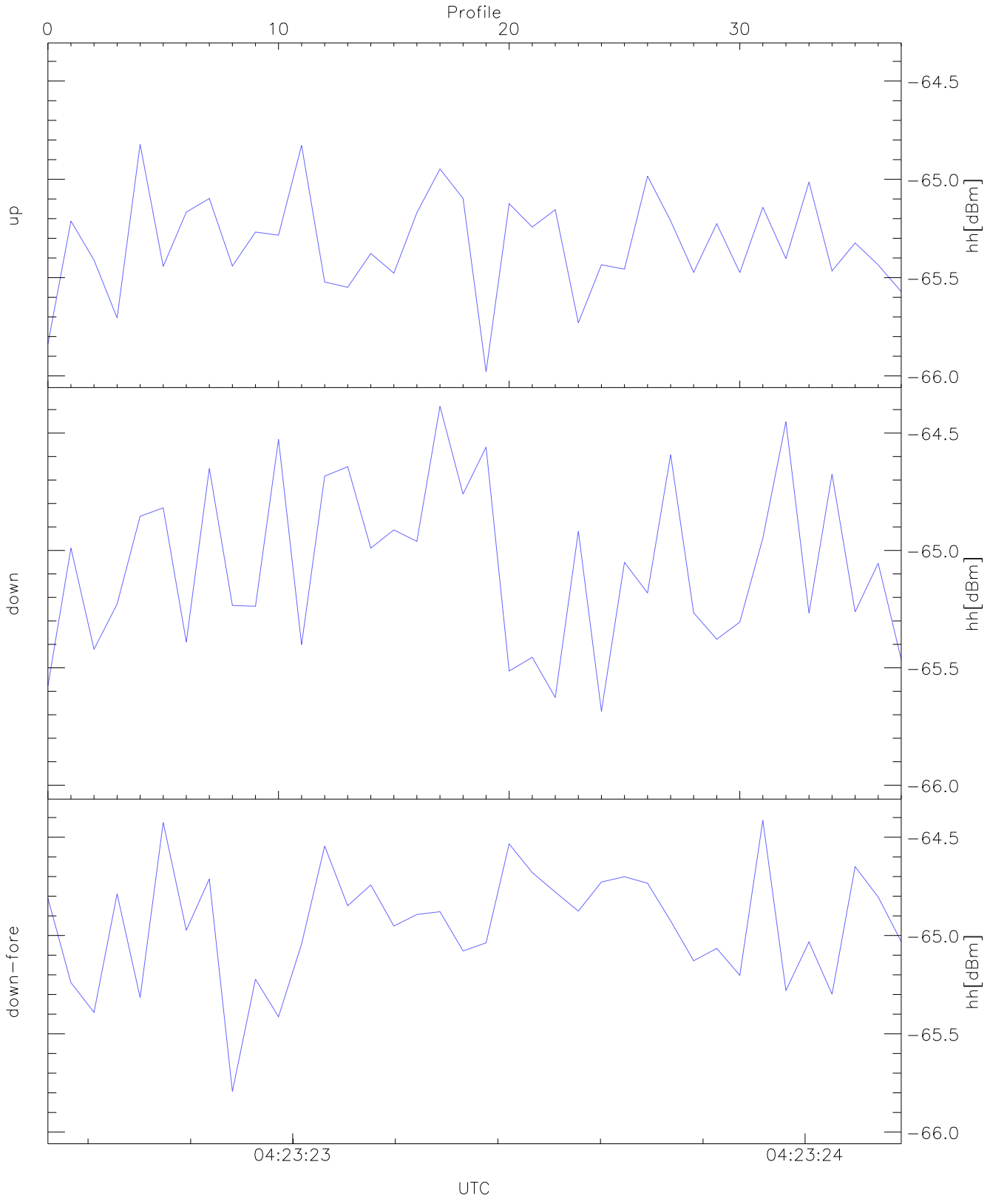
WCR3 CPP Averaged Received power for all recorded gates
blue: 042323-042323, 20 profiles averaged
red: 042323-042324, 19 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 042323-042323, 20 profiles averaged
red: 042323-042324, 19 profiles averaged

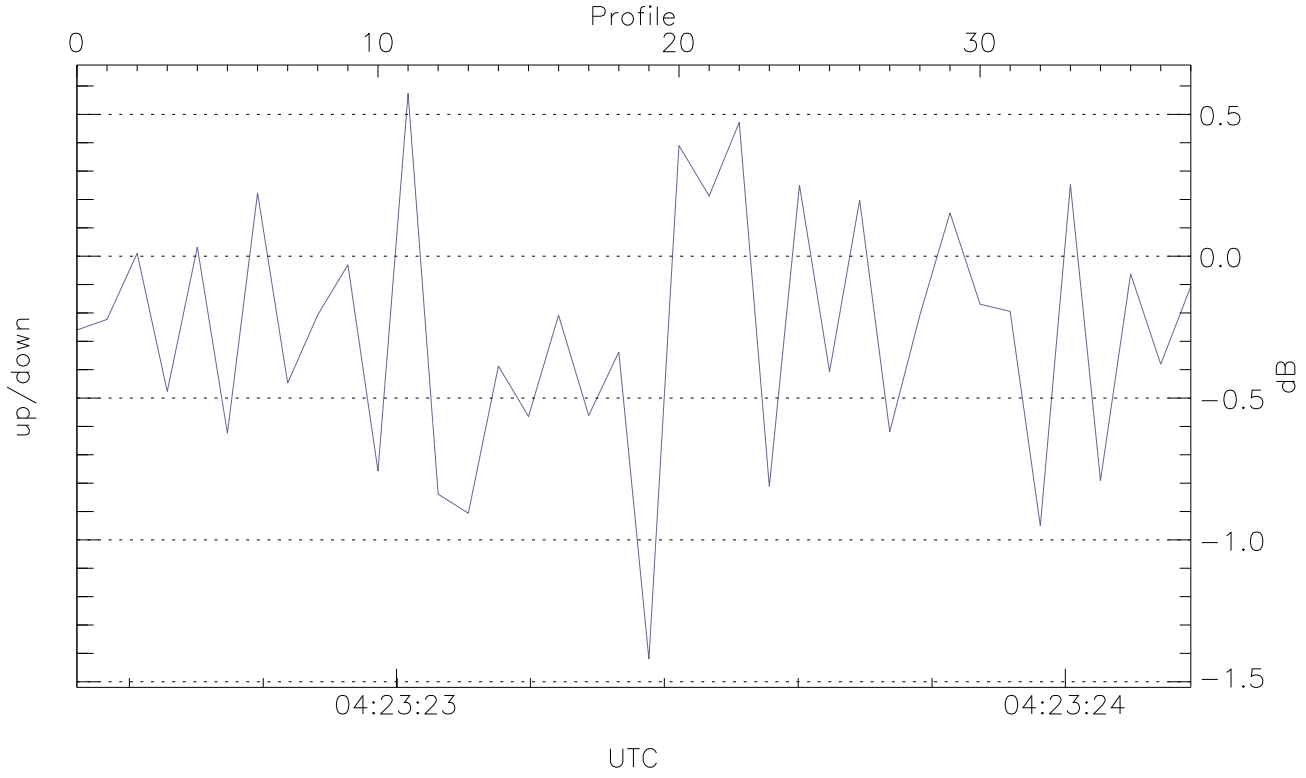


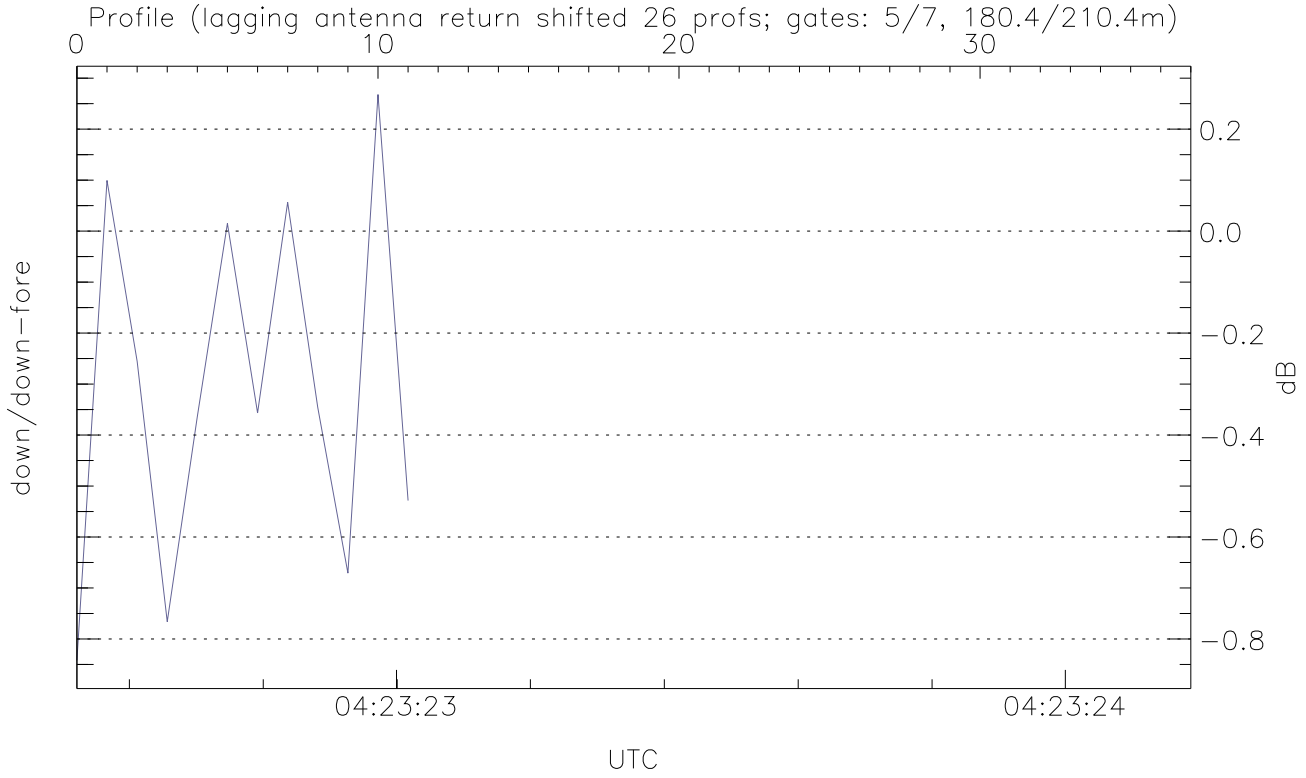
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

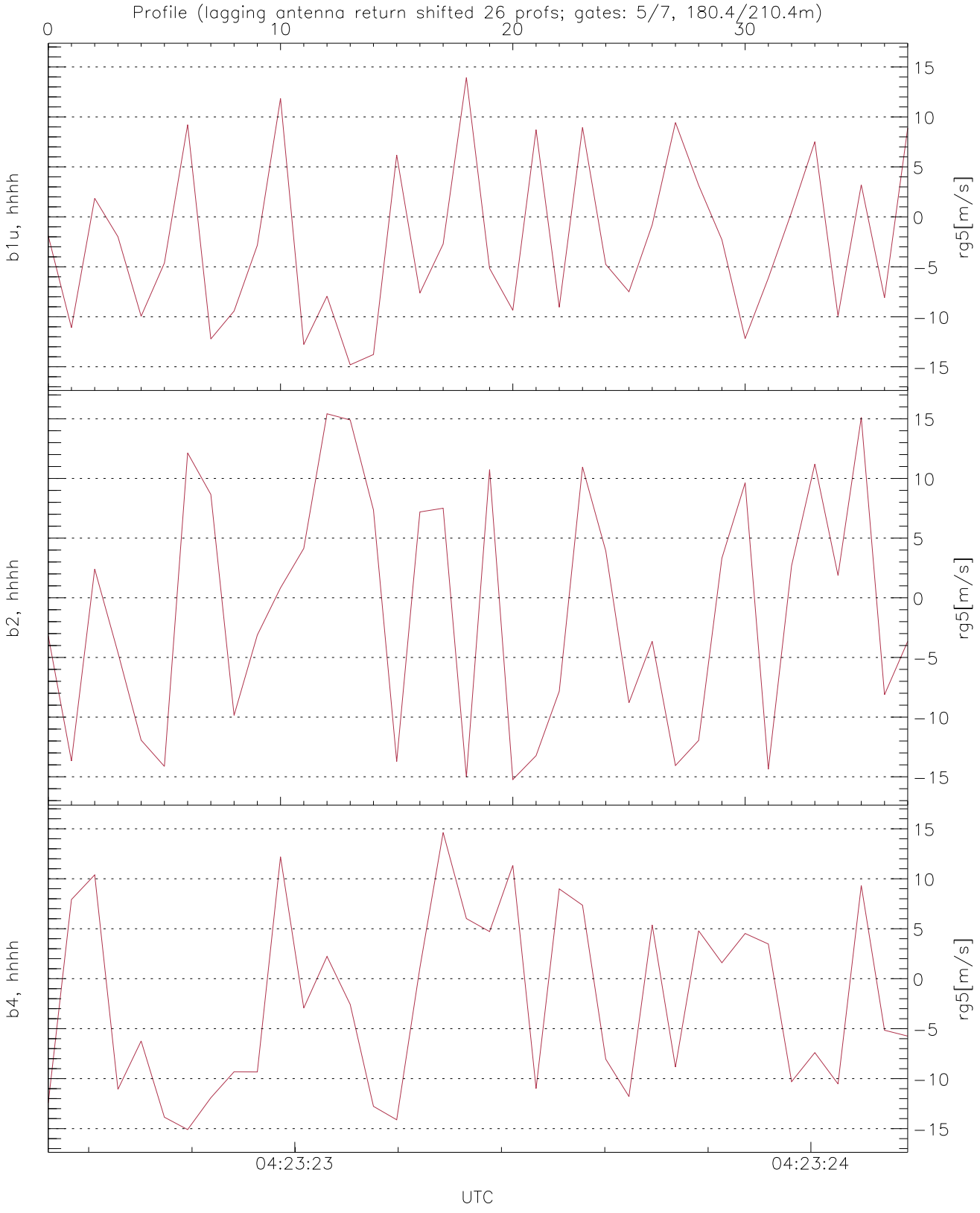
	Min	Max	Mean
up(hh[dBm])	-65.98	-64.82	-65.32
down(hh[dBm])	-65.69	-64.39	-65.05
down-fore(hh[dBm])	-65.79	-64.41	-64.94





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

	Min	Max	Mean
up/down(dB)	-1.42	0.57	-0.27
down/down-fore(dB)	-0.84	0.27	-0.31



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-14.81	13.94	-2.51	8.03
b2, hhhh(rg5[m/s])	-15.23	15.42	-1.06	10.01
b4, hhhh(rg5[m/s])	-15.10	14.63	-2.22	8.90