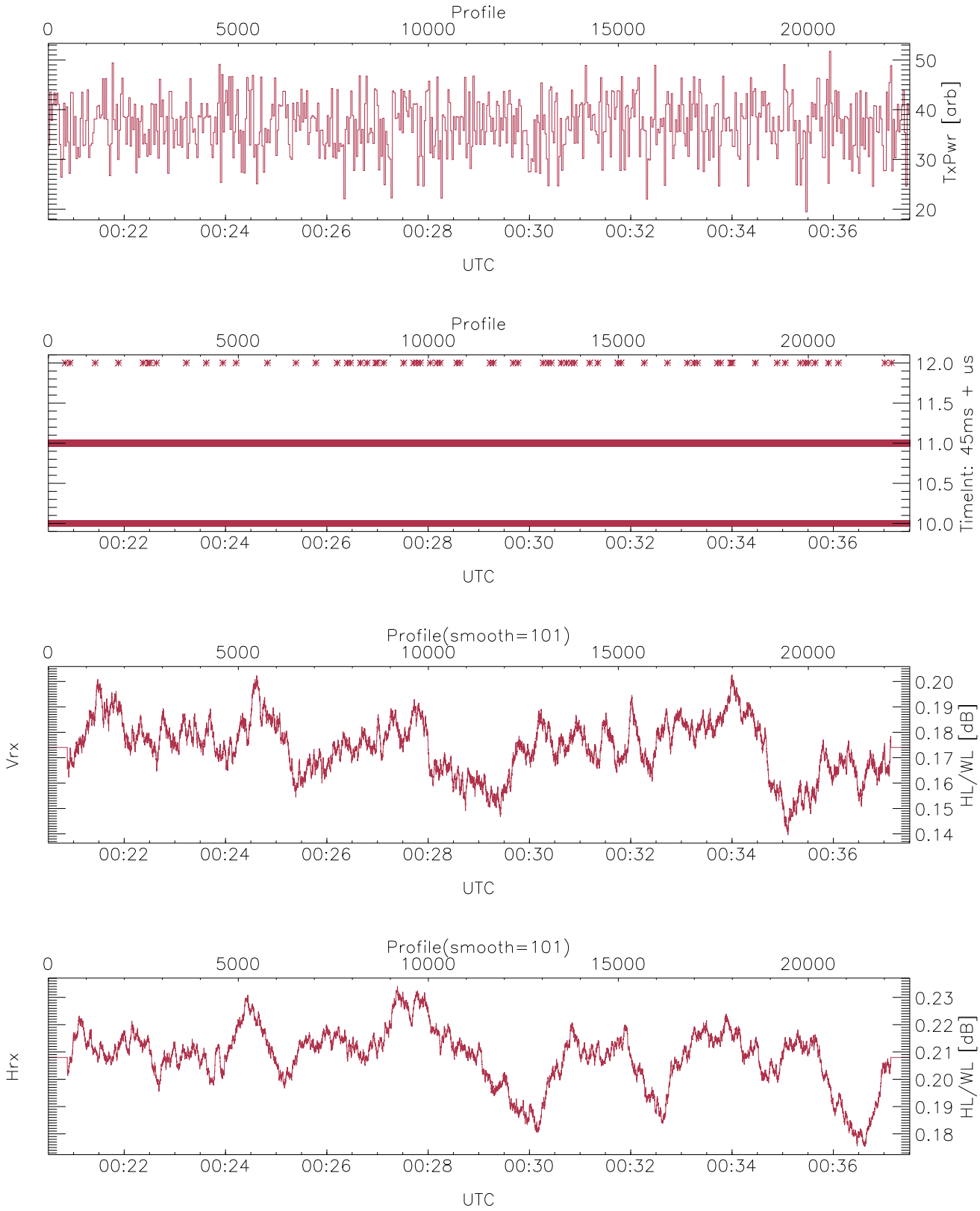
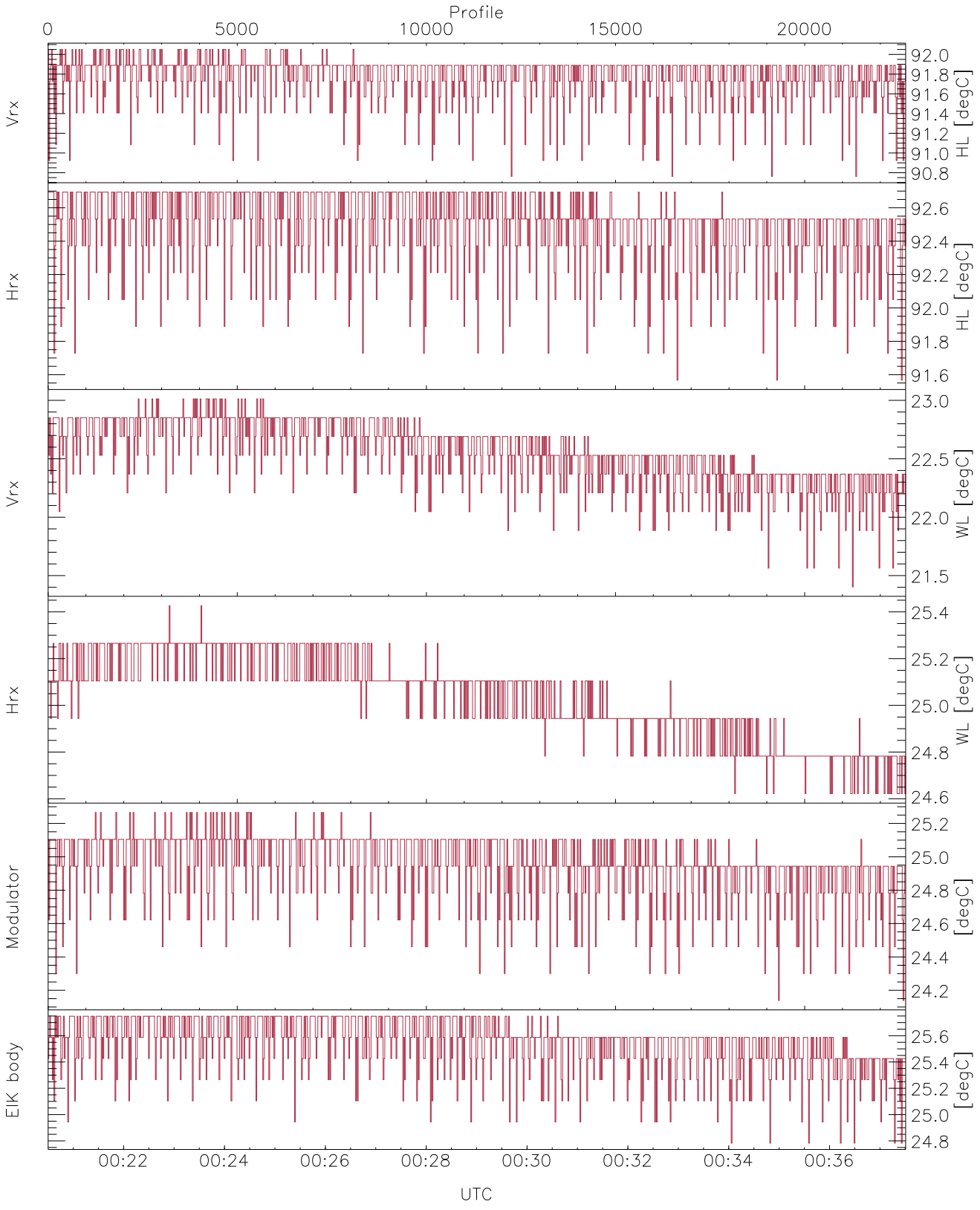


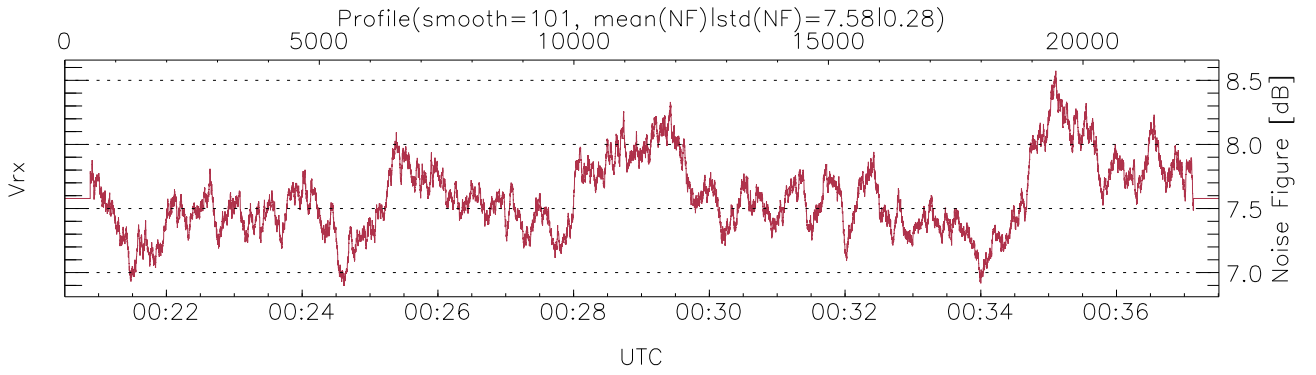
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

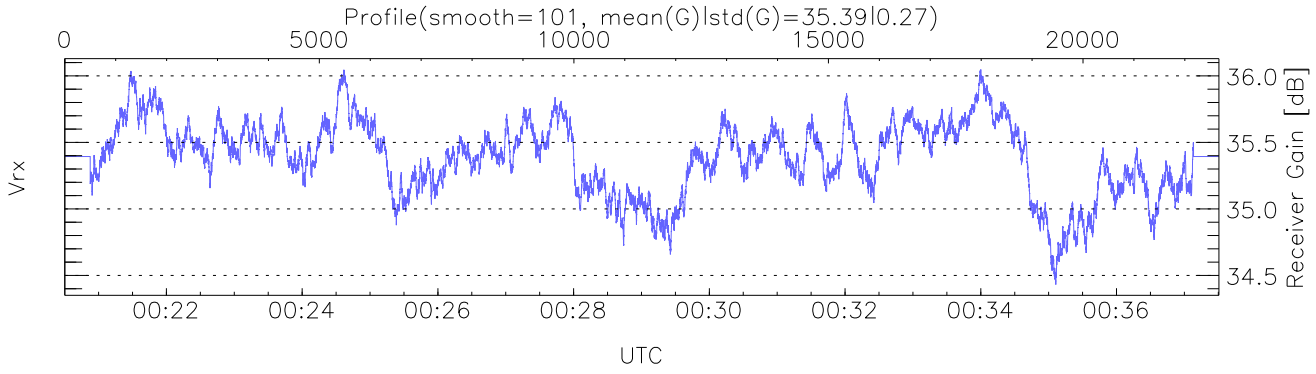
UTC: 00:20:30-00:37:31, TimeCor: 0.00s, Dur: 1020.45s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 22672/22672, 0-22671/00:20:30-00:37:31
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

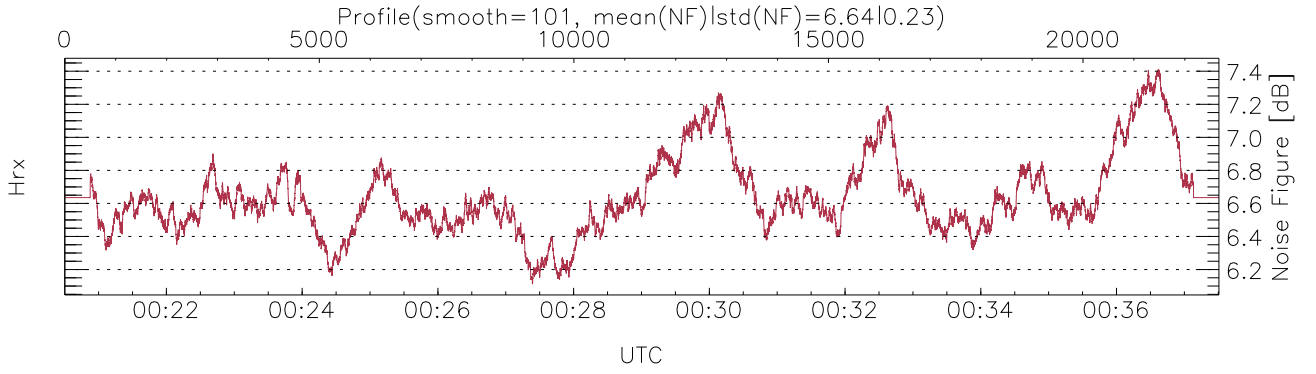


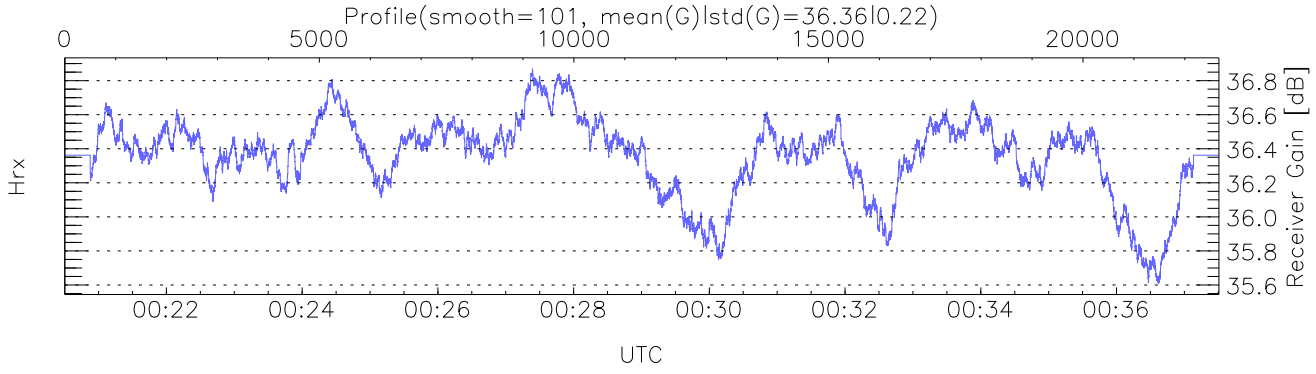
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,24,24,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,23,25,25,25
LOalarm(20,240,2817,14861 MHz): 0,0,48,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



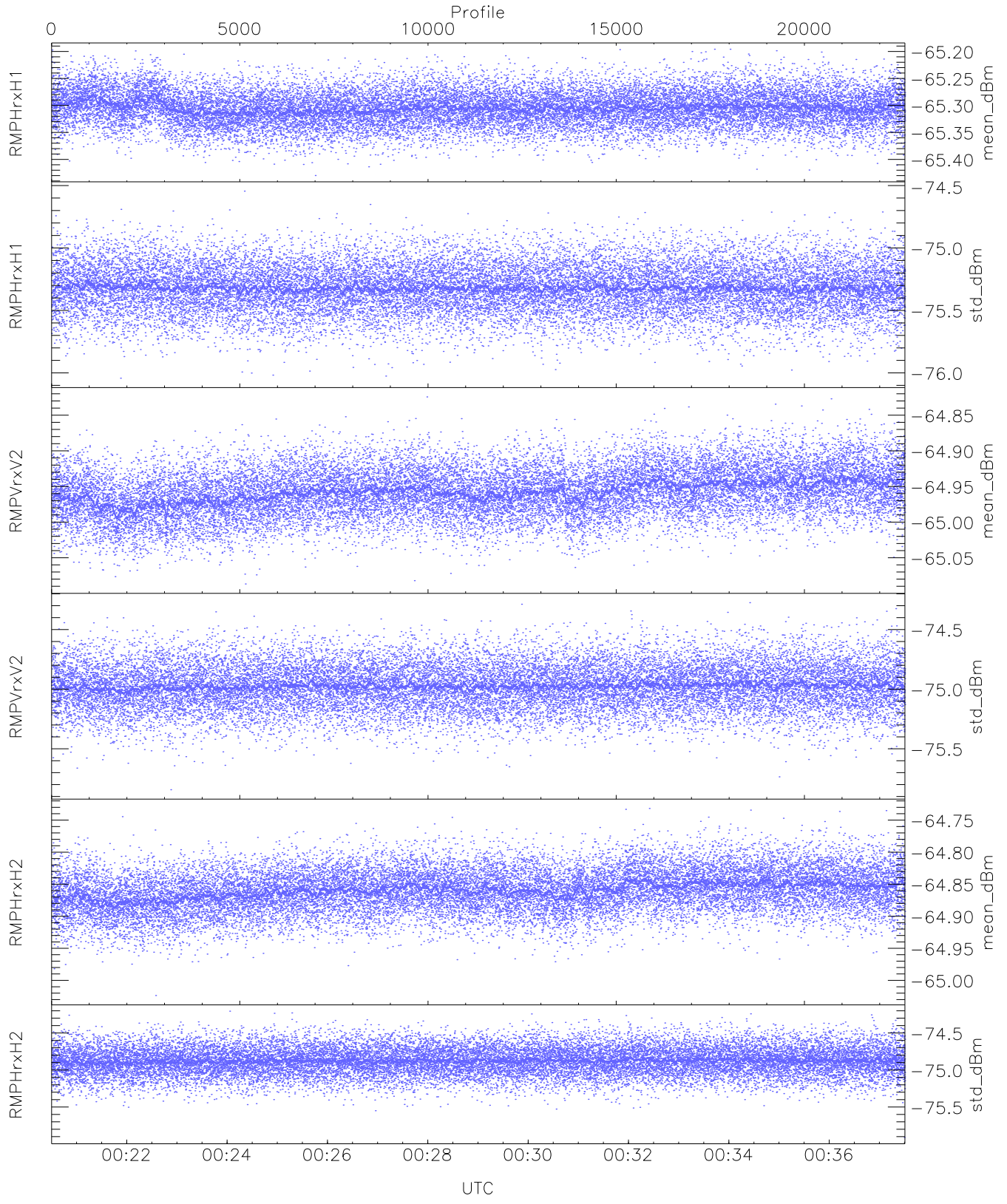






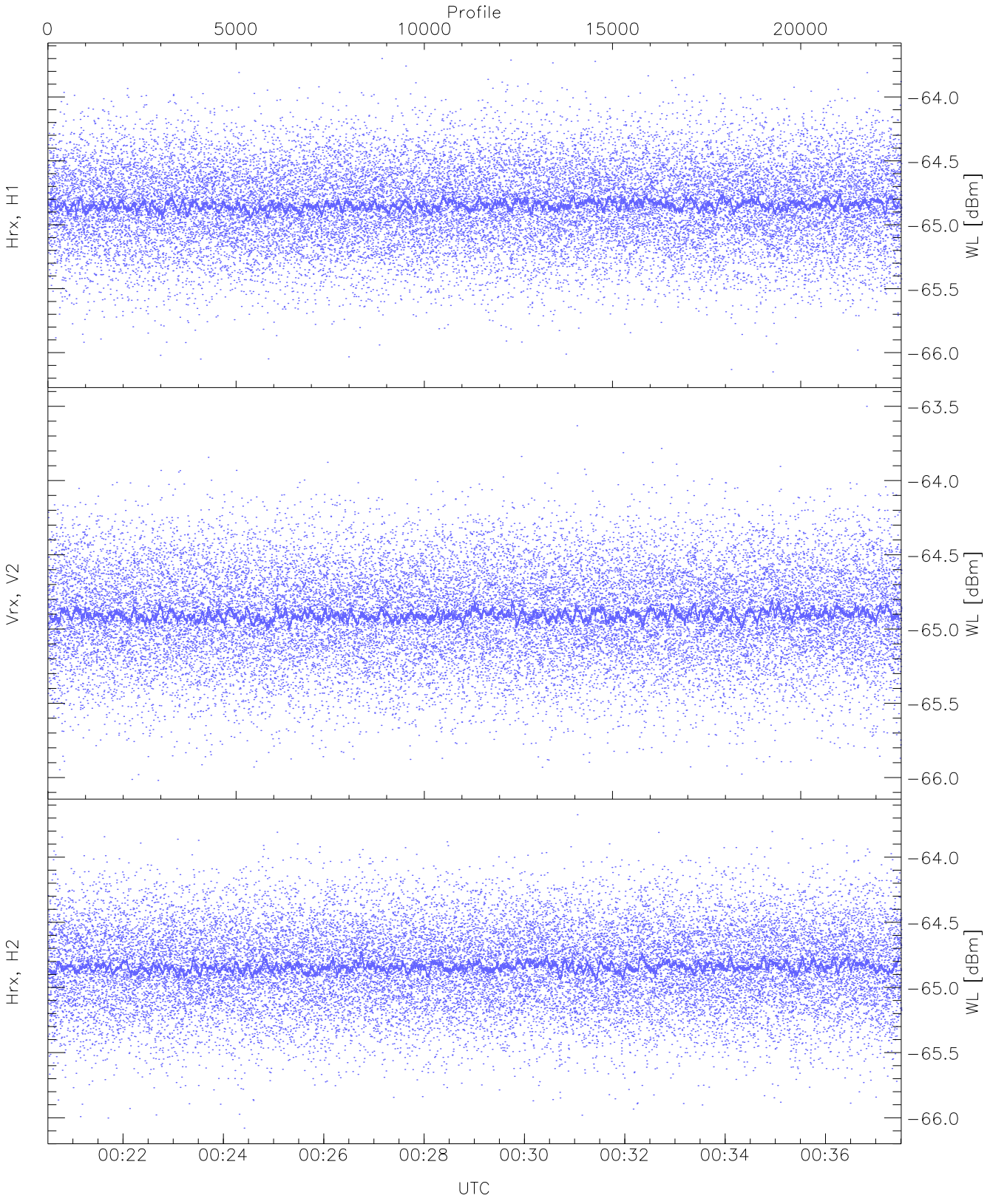
WCR3 CPP Receivers Gain and Noise Figure

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



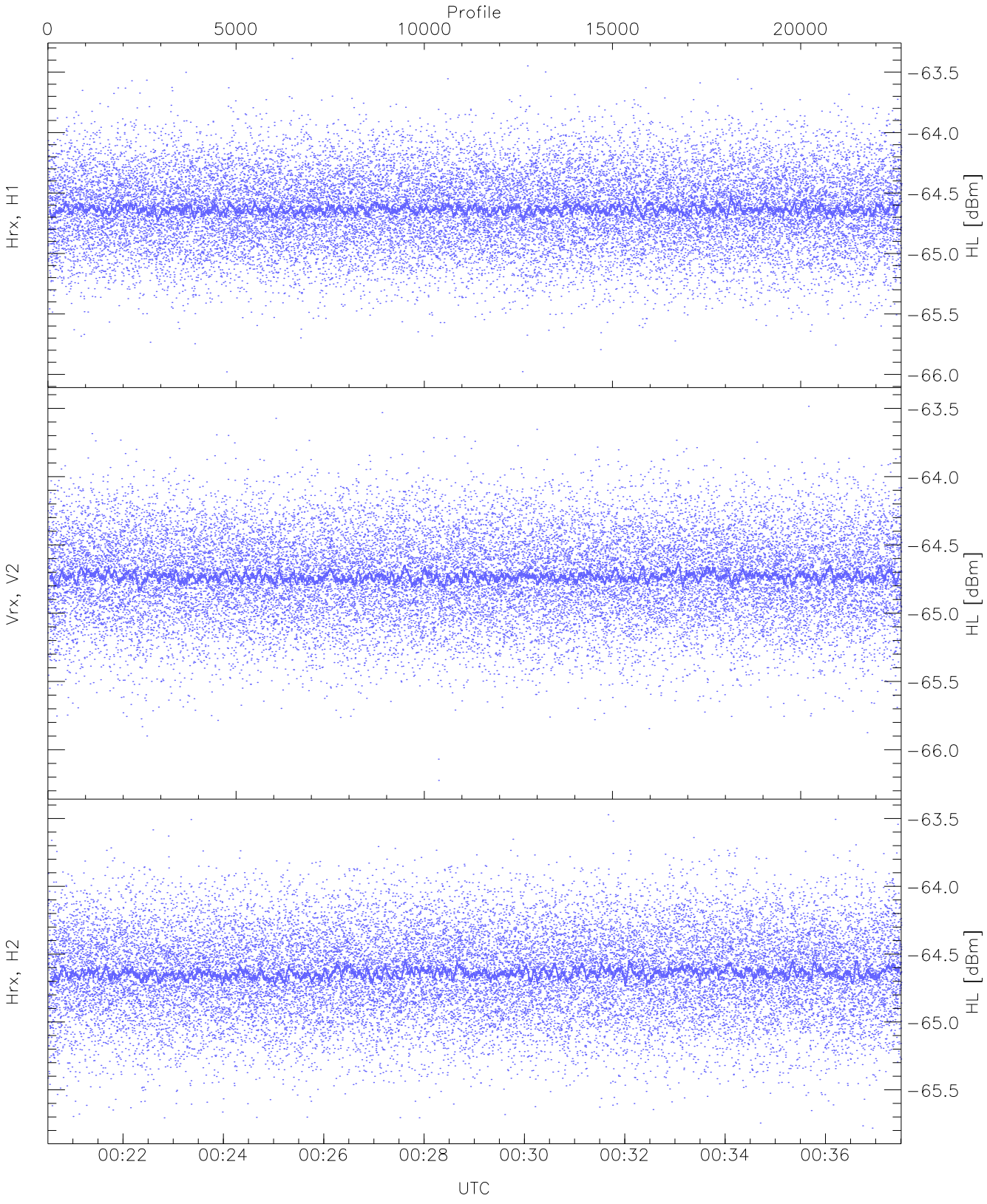
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.43	-65.20	-65.31	-65.31	-86.79
RMPHrxH1(std_dBm)	-76.04	-74.54	-75.32	-75.32	-89.10
RMPVrxV2(mean_dBm)	-65.09	-64.82	-64.96	-64.96	-86.21
RMPVrxV2(std_dBm)	-75.84	-74.27	-74.97	-74.98	-88.78
RMPHrxH2(mean_dBm)	-65.02	-64.73	-64.86	-64.86	-86.22
RMPHrxH2(std_dBm)	-75.91	-74.21	-74.88	-74.88	-88.68



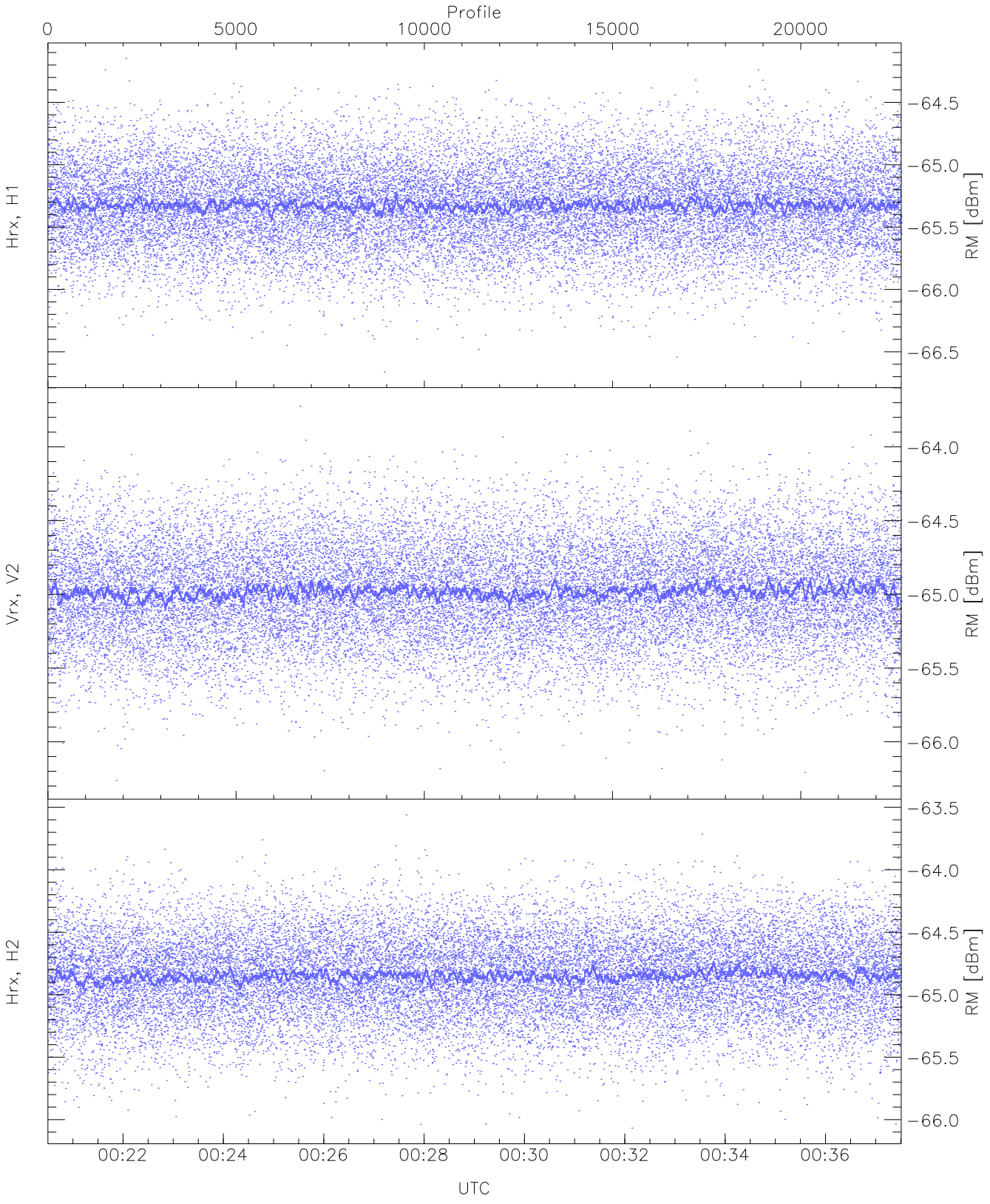
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.15	-63.70	-64.84	-64.85	-76.30
Vrx, V2(WL [dBm])	-66.02	-63.50	-64.90	-64.91	-76.41
Hrx, H2(WL [dBm])	-66.08	-63.67	-64.83	-64.84	-76.36



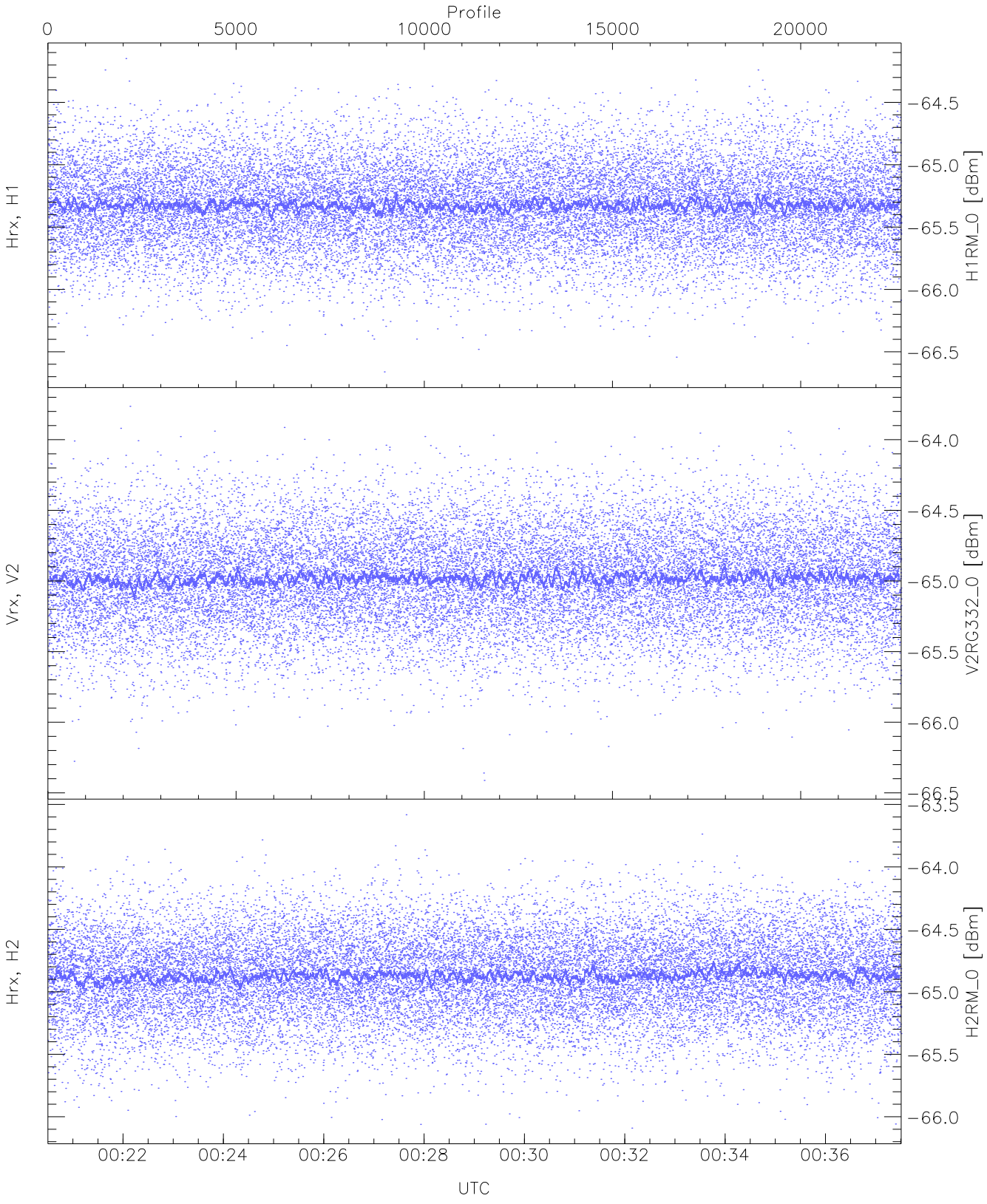
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.98	-63.39	-64.63	-64.63	-76.13
Vrx, V2(HL [dBm])	-66.22	-63.48	-64.72	-64.73	-76.21
Hrx, H2(HL [dBm])	-65.78	-63.47	-64.63	-64.64	-76.13



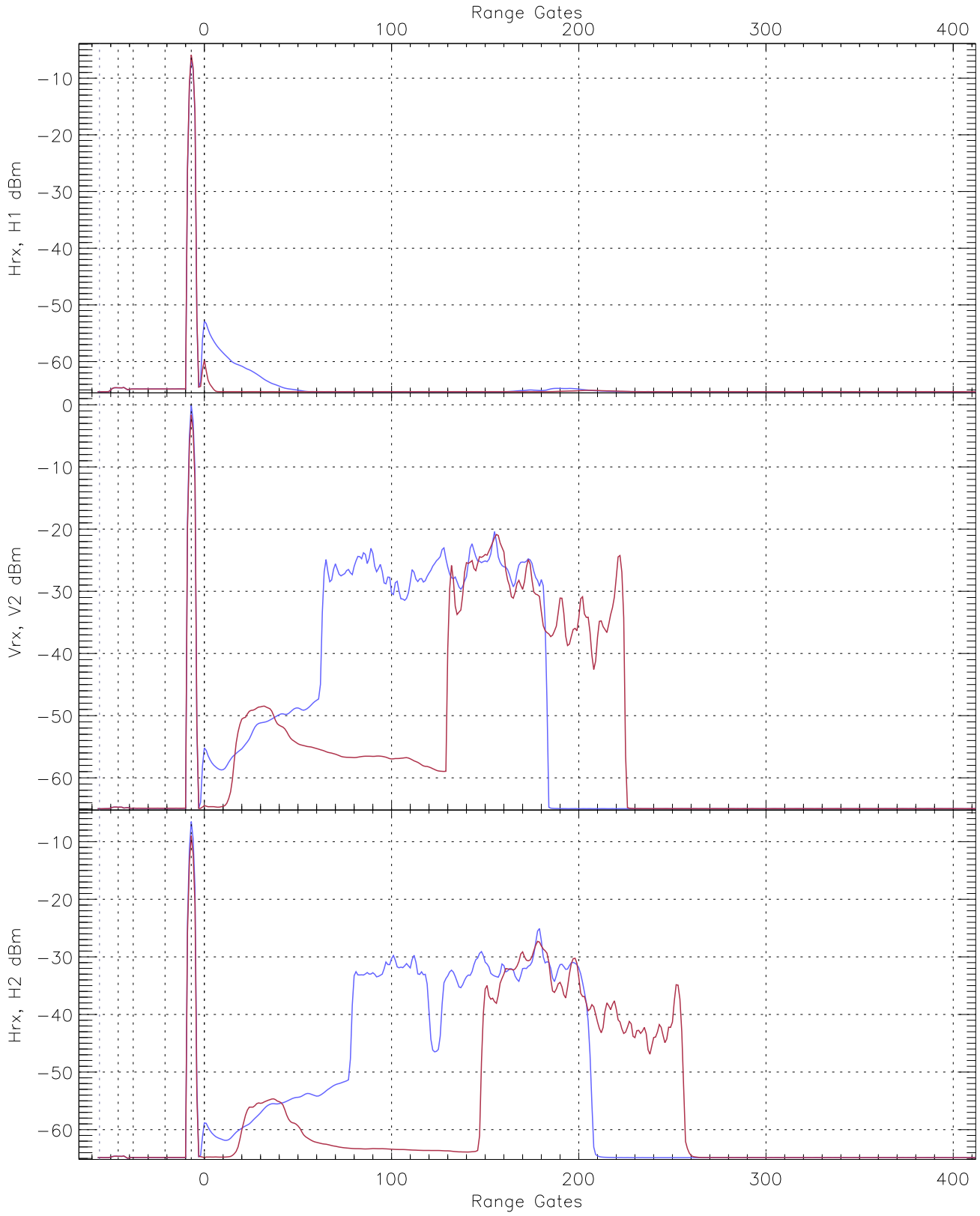
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.66	-64.15	-65.32	-65.33	-76.78
Vrx, V2(RM [dBm])	-66.26	-63.72	-64.98	-64.99	-76.47
Hrx, H2(RM [dBm])	-66.07	-63.56	-64.84	-64.85	-76.36

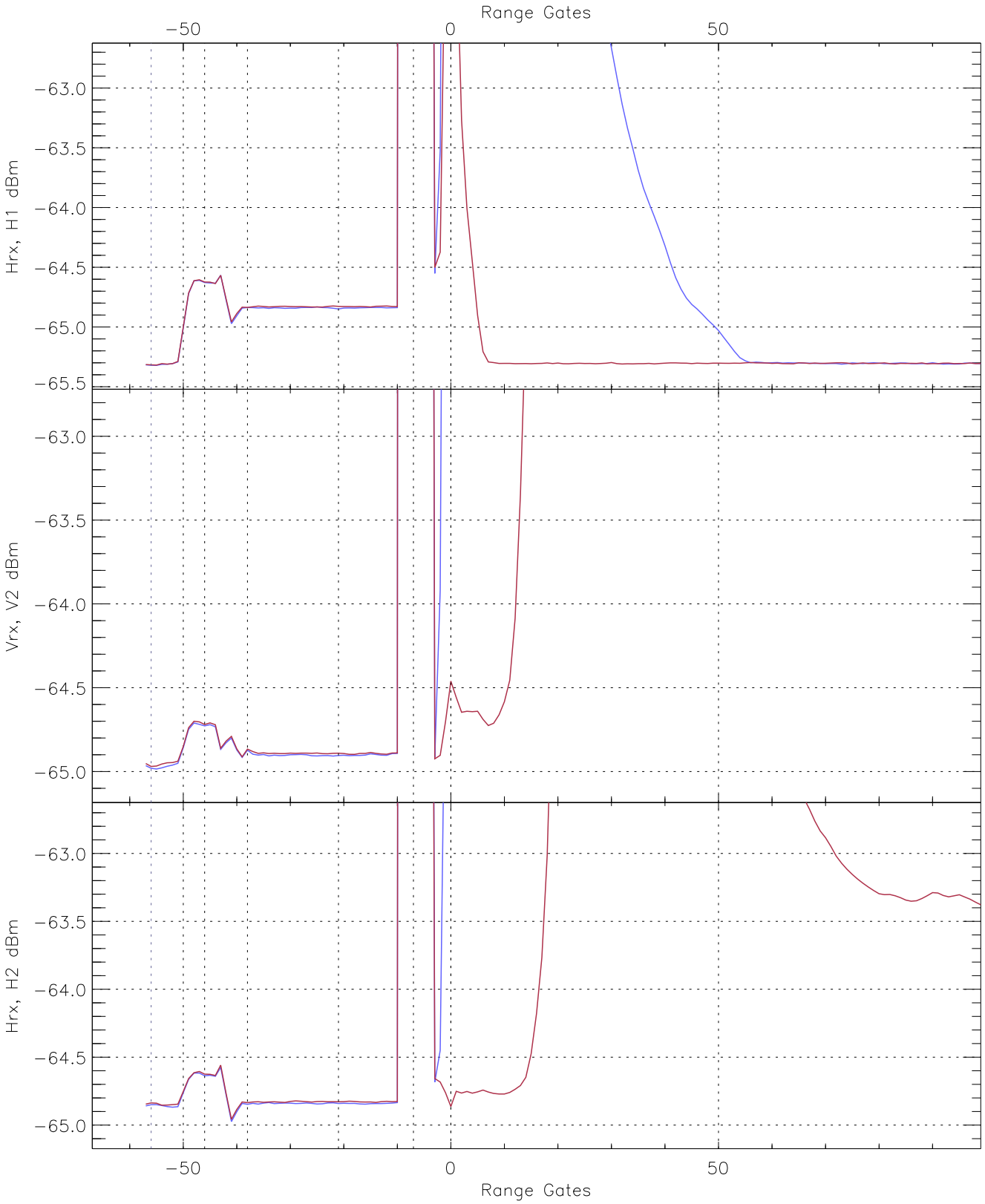


WCR3 CPP "Best" estimate Receivers Noise Power

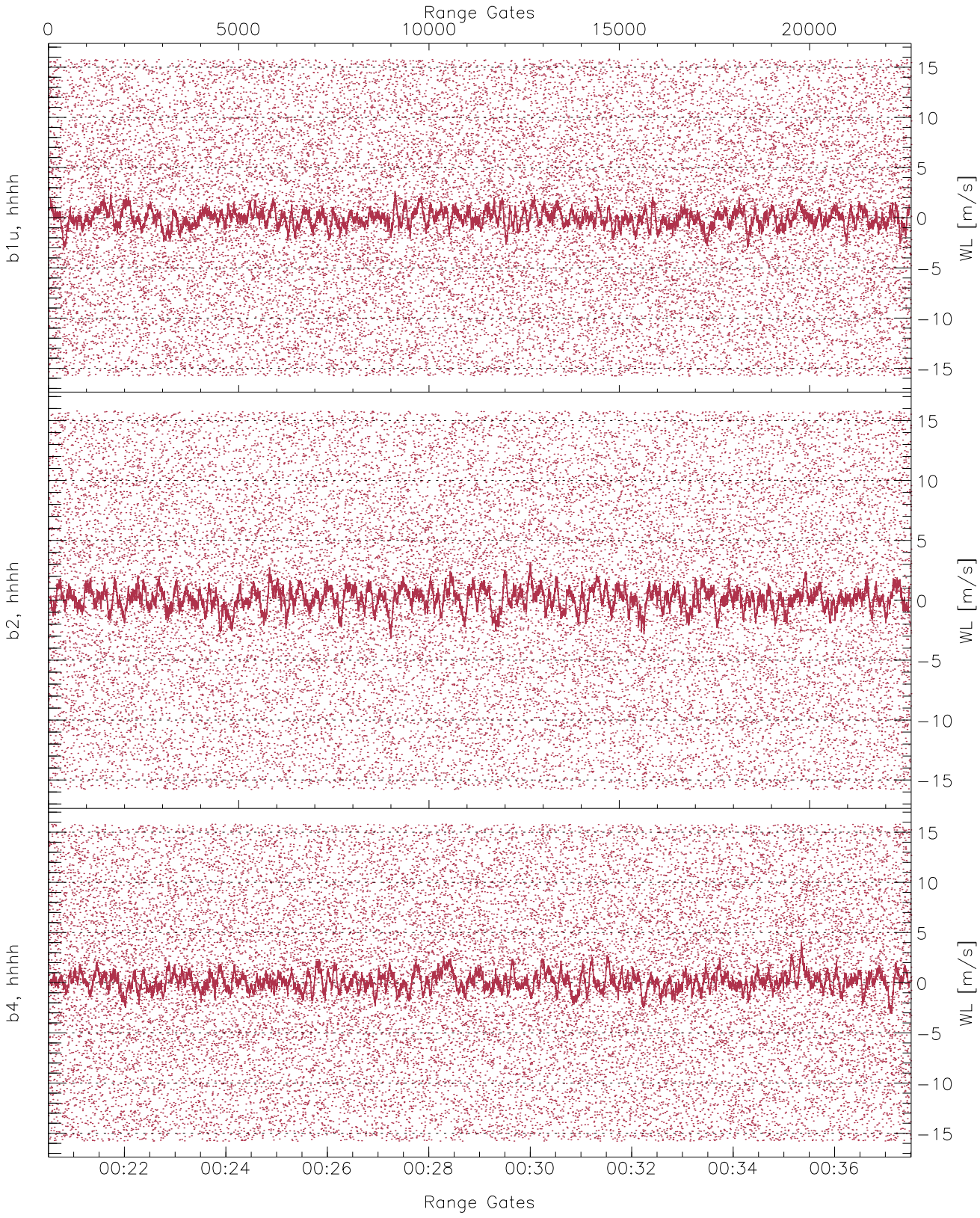
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.66	-64.15	-65.32	-65.33	-76.78
V2RG332_0 [dBm]	-66.41	-63.76	-64.98	-64.98	-76.46
H2RM_0 [dBm]	-66.09	-63.58	-64.87	-64.87	-76.38



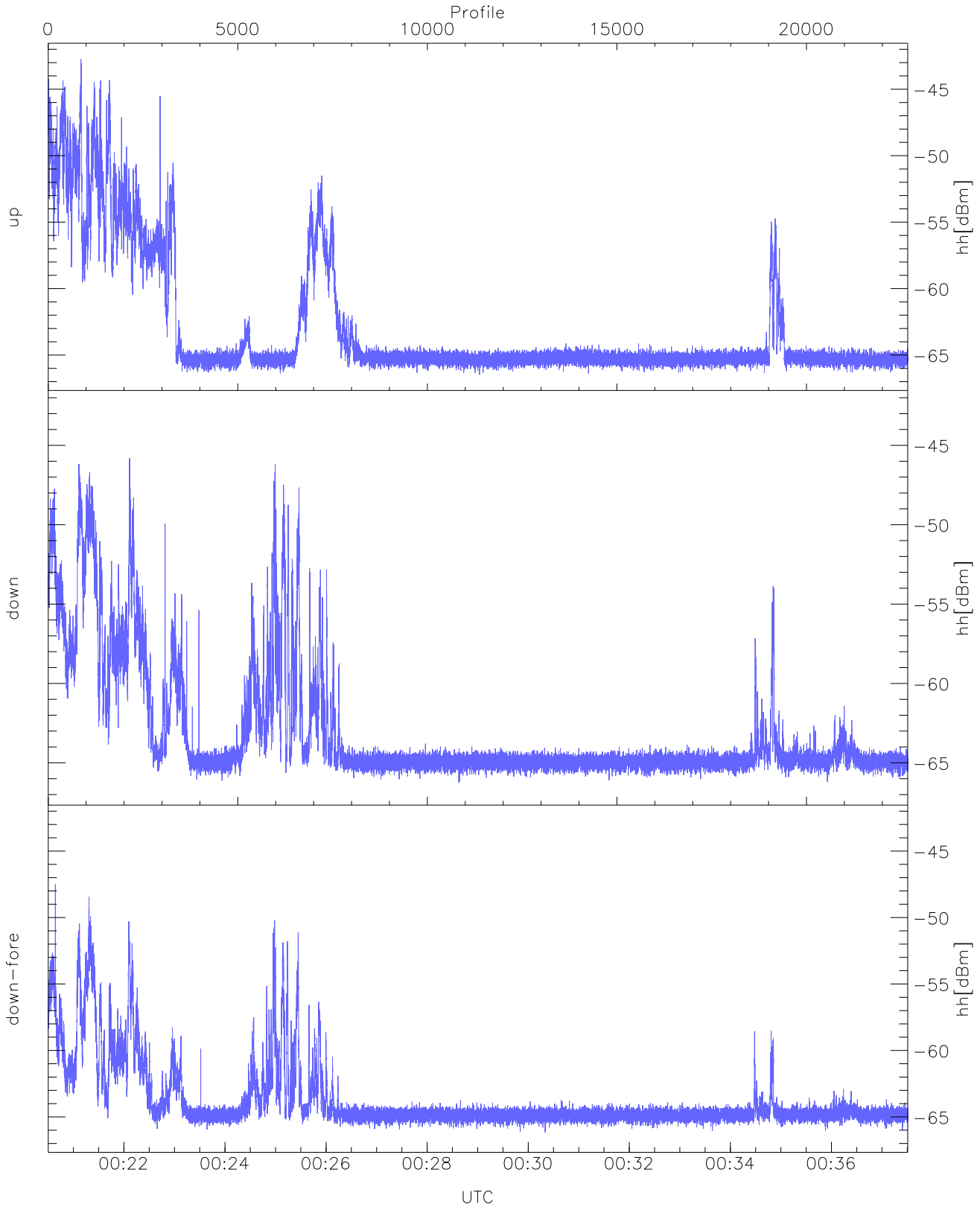
WCR3 CPP Averaged Received power for all recorded gates
blue: 002030-002900, 11337 profiles averaged
red: 002900-003731, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 002030-002900, 11337 profiles averaged
red: 002900-003731, 11336 profiles averaged

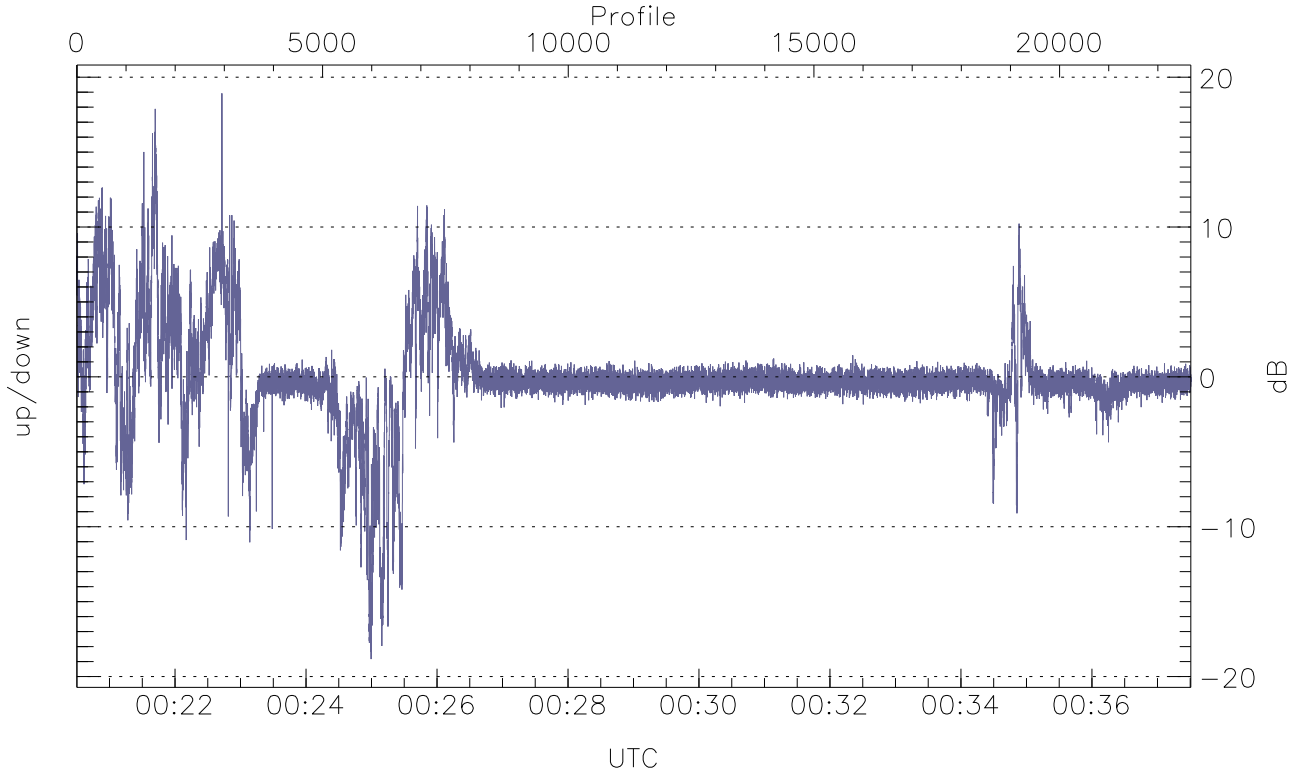


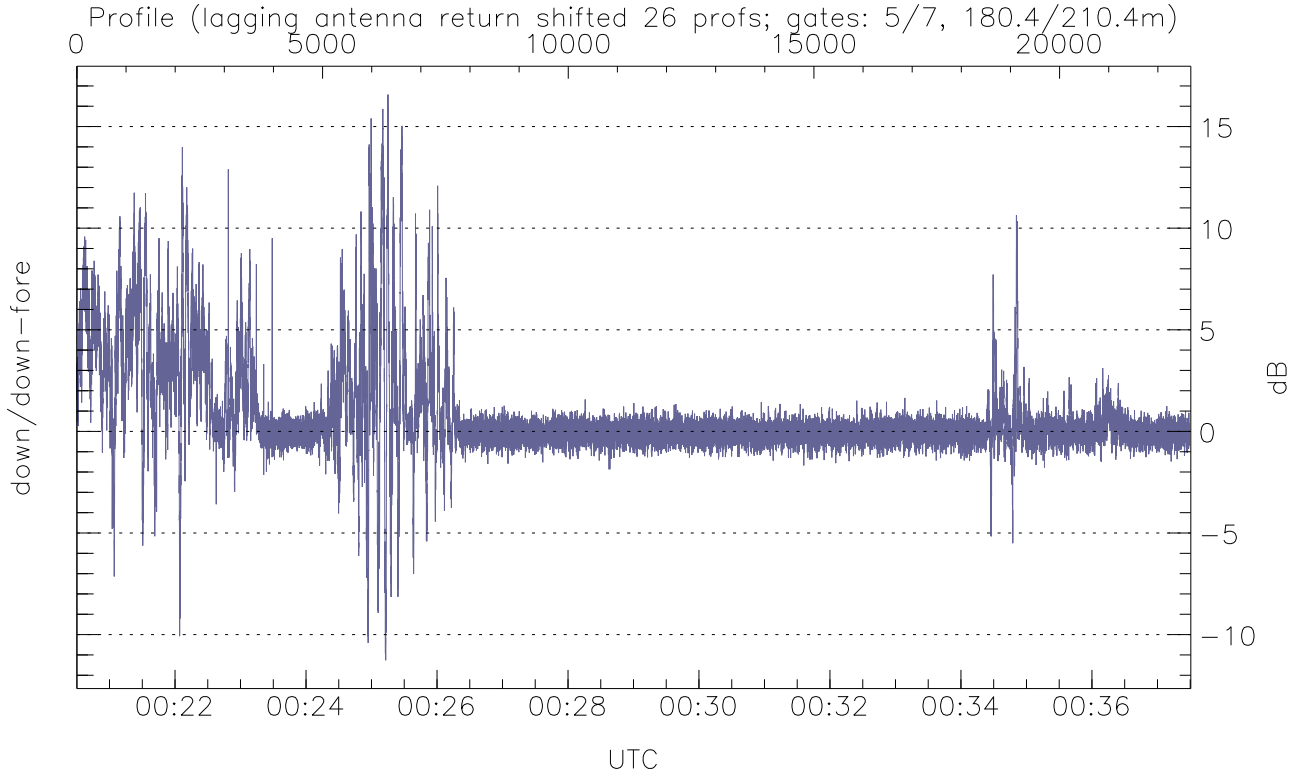
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

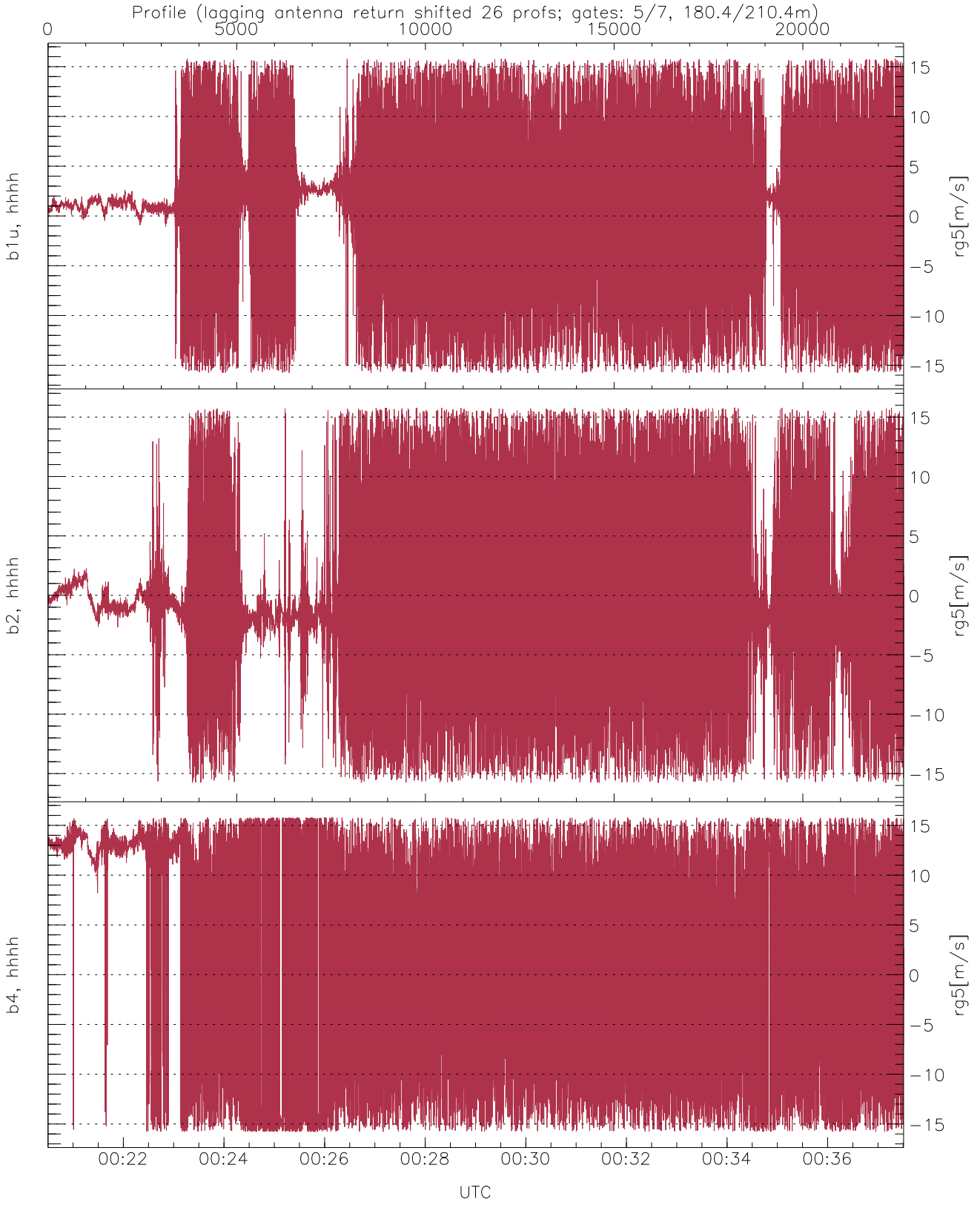
	Min	Max	Mean
up(hh[dBm])	-66.48	-42.73	-58.81
down(hh[dBm])	-66.26	-45.80	-60.12
down-fore(hh[dBm])	-66.16	-47.49	-62.43





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

	Min	Max	Mean
up/down(dB)	-18.83	18.92	0.01
down/down-fore(dB)	-11.26	16.58	0.78



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.42	7.20
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.41	7.04
b4, hhhh(rg5[m/s])	-15.79	15.79	1.56	10.27