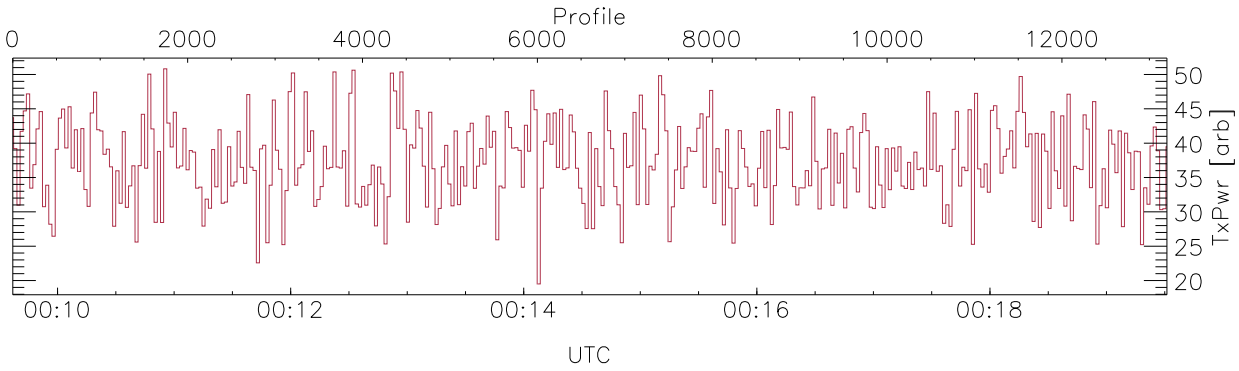
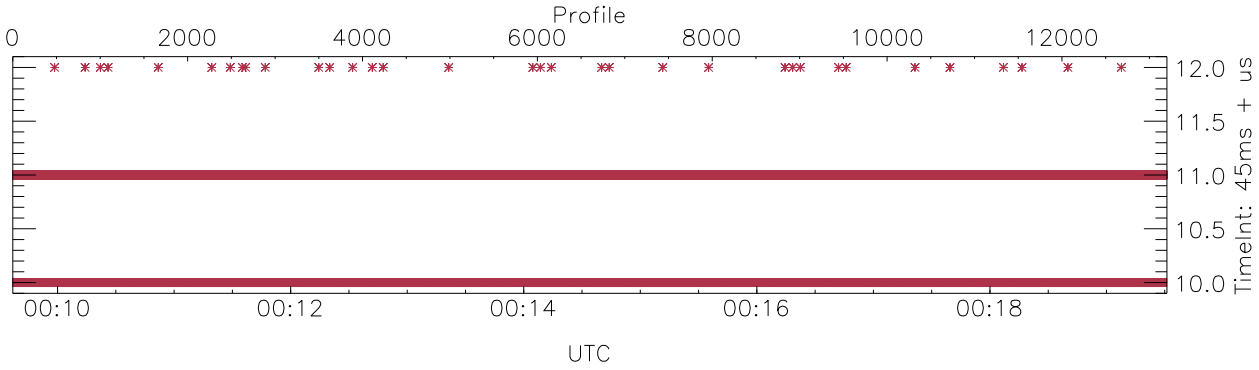
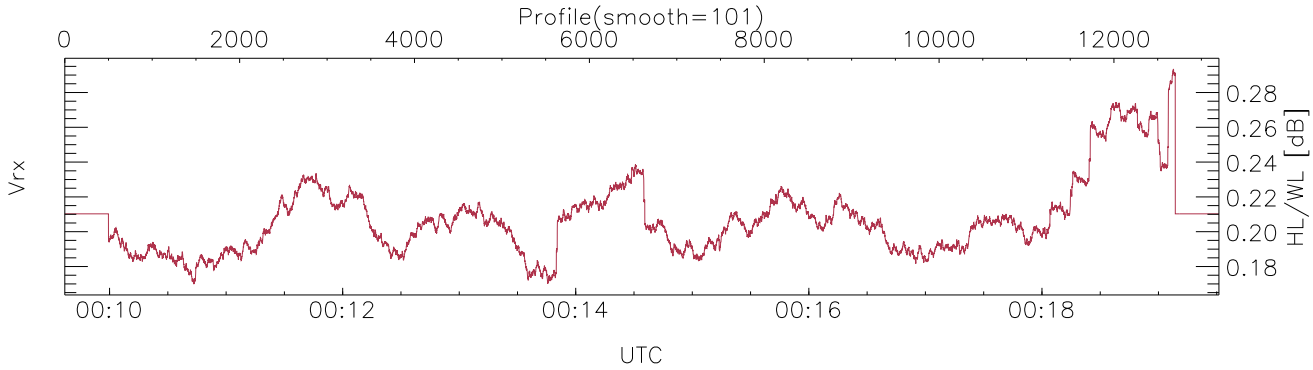
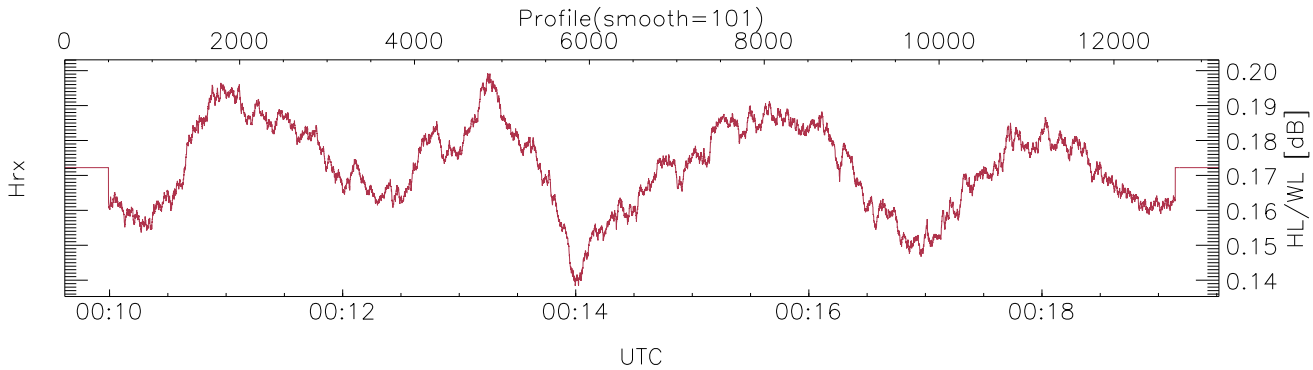


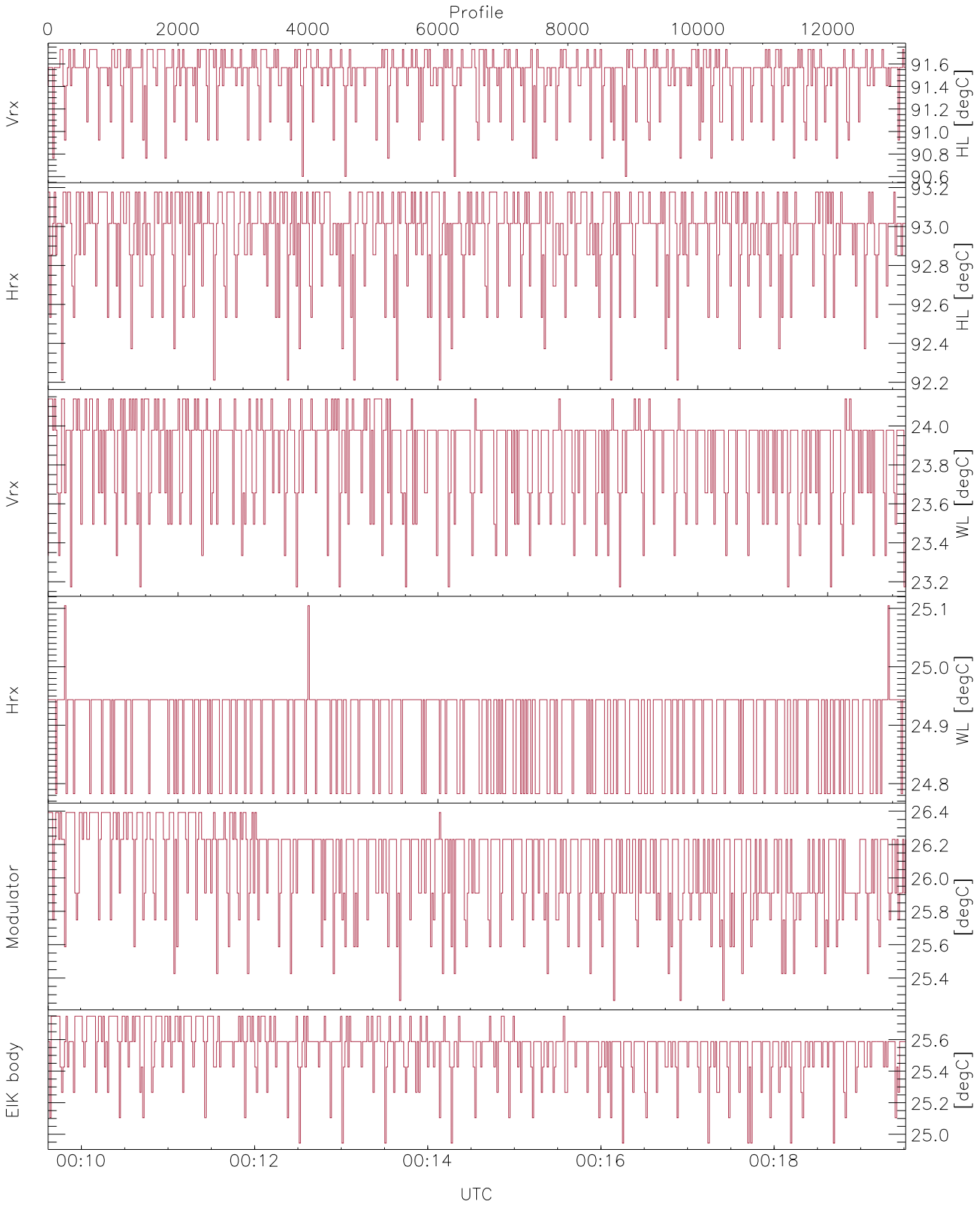






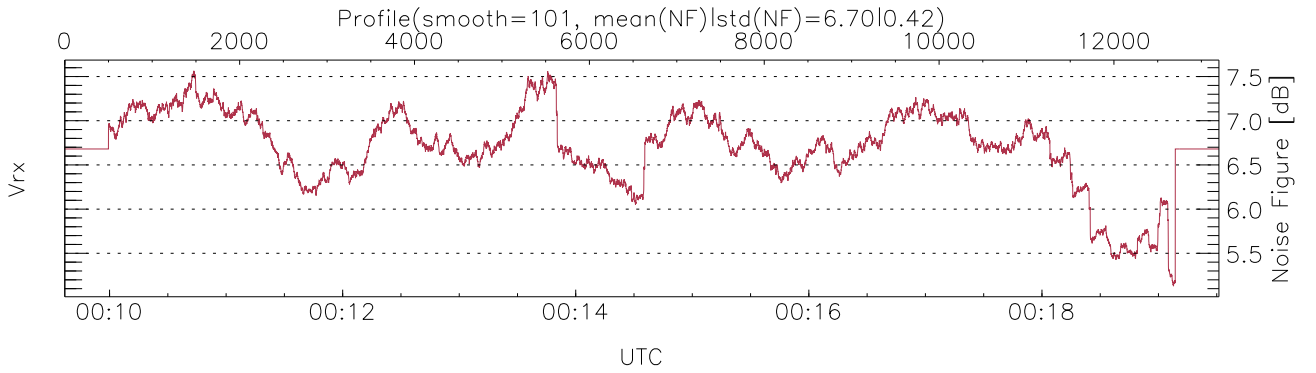
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

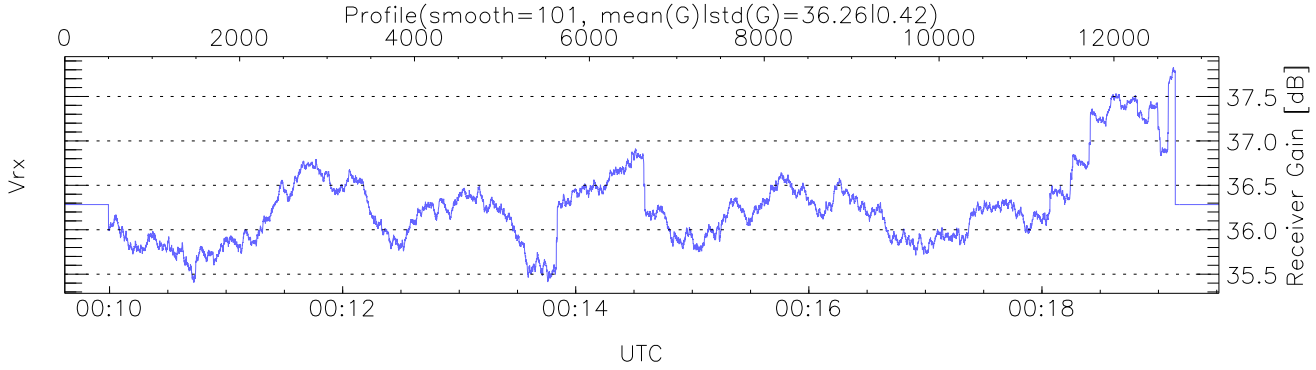
UTC: 00:09:37-00:19:31, TimeCor: 0.00s, Dur: 594.19s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 13202/13202, 0-13201/00:09:37-00:19:31
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

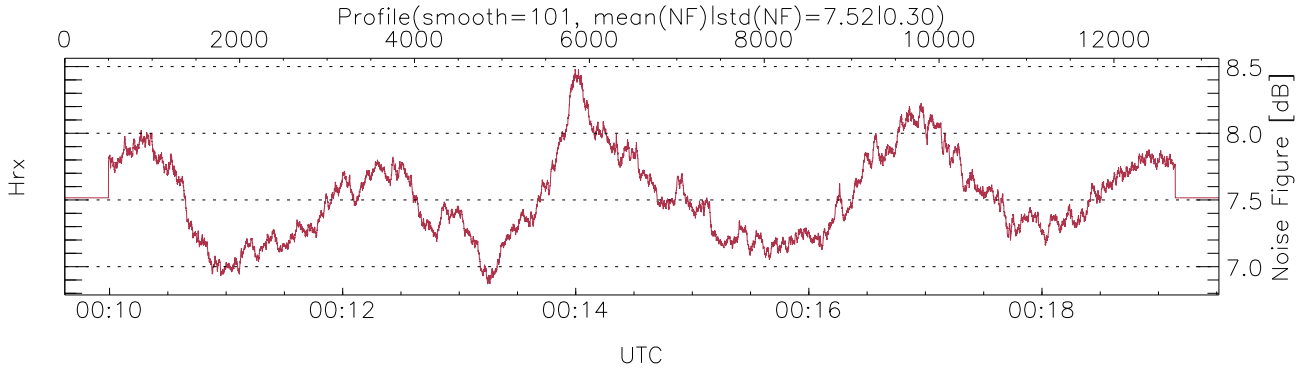


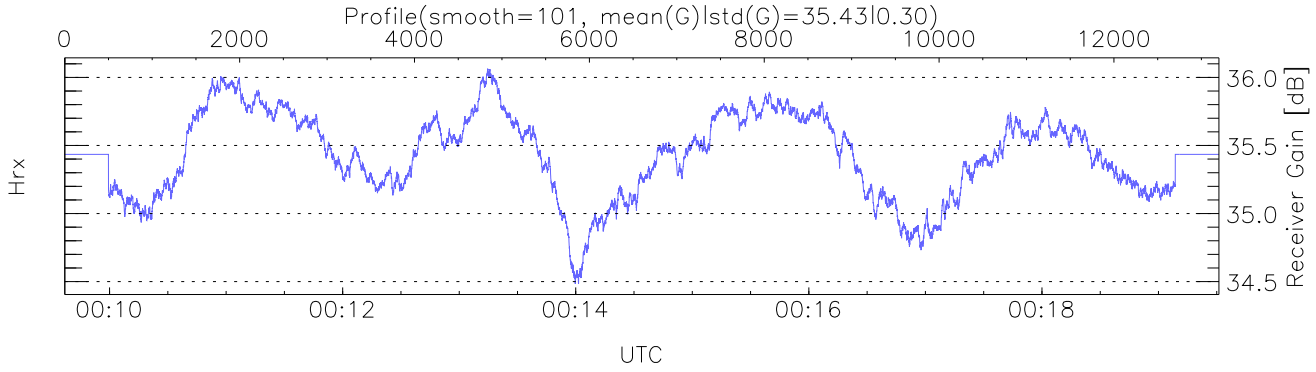
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,24,25,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,24,25,26,25
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK Faults(# prof affected):
BodyCurr,DeckF,OverDuty (22,22,22)



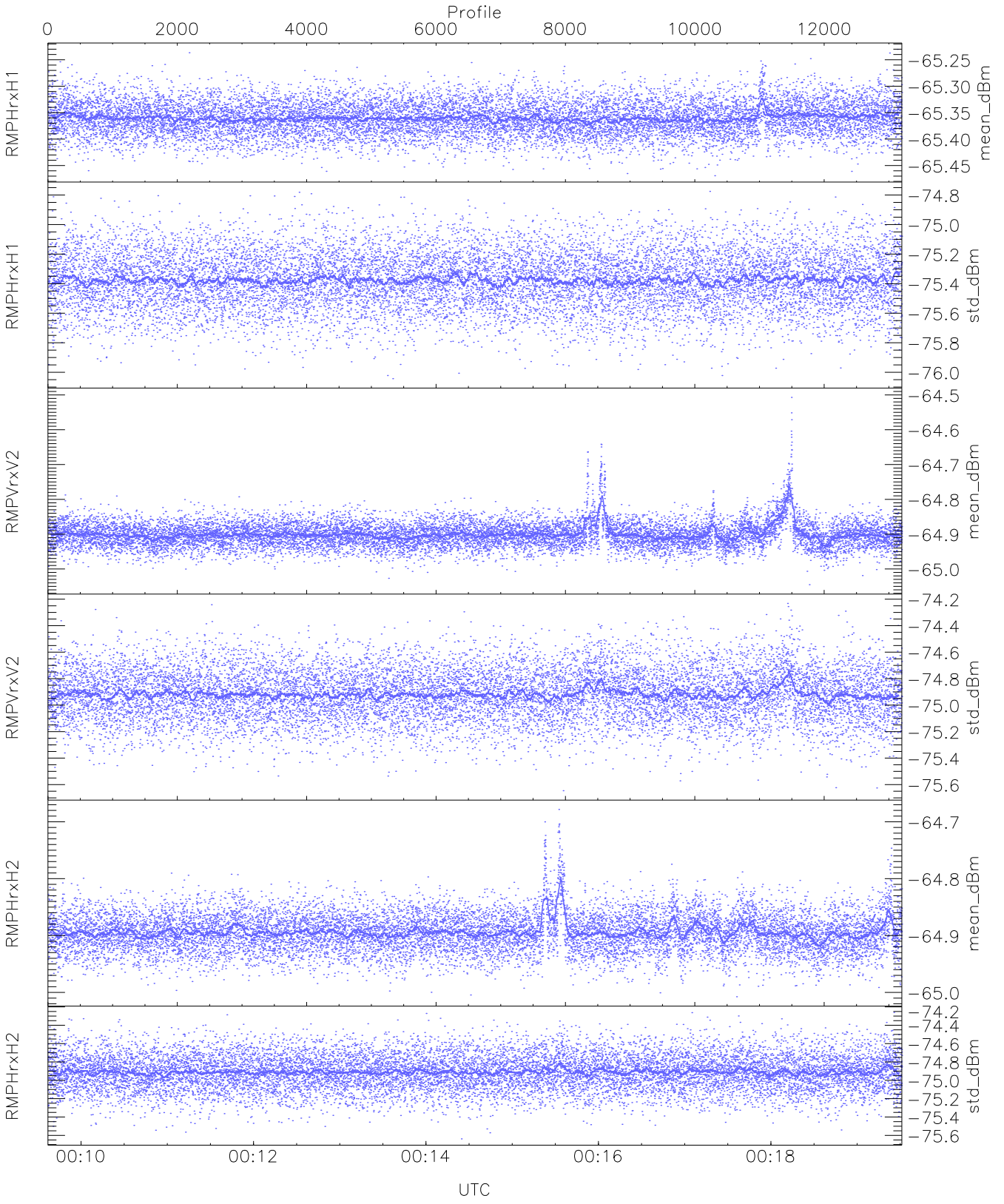






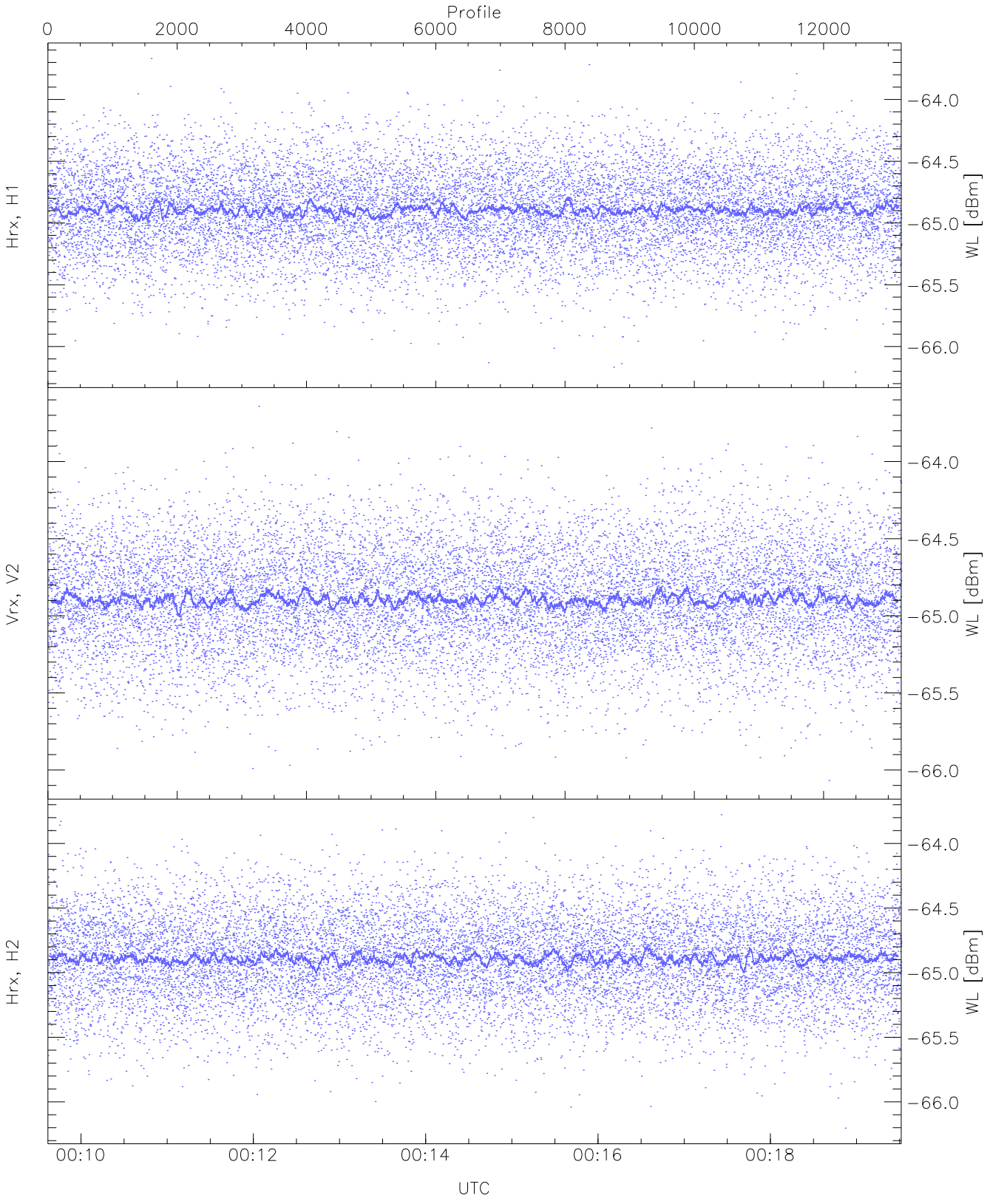
WCR3 CPP Receivers Gain and Noise Figure

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



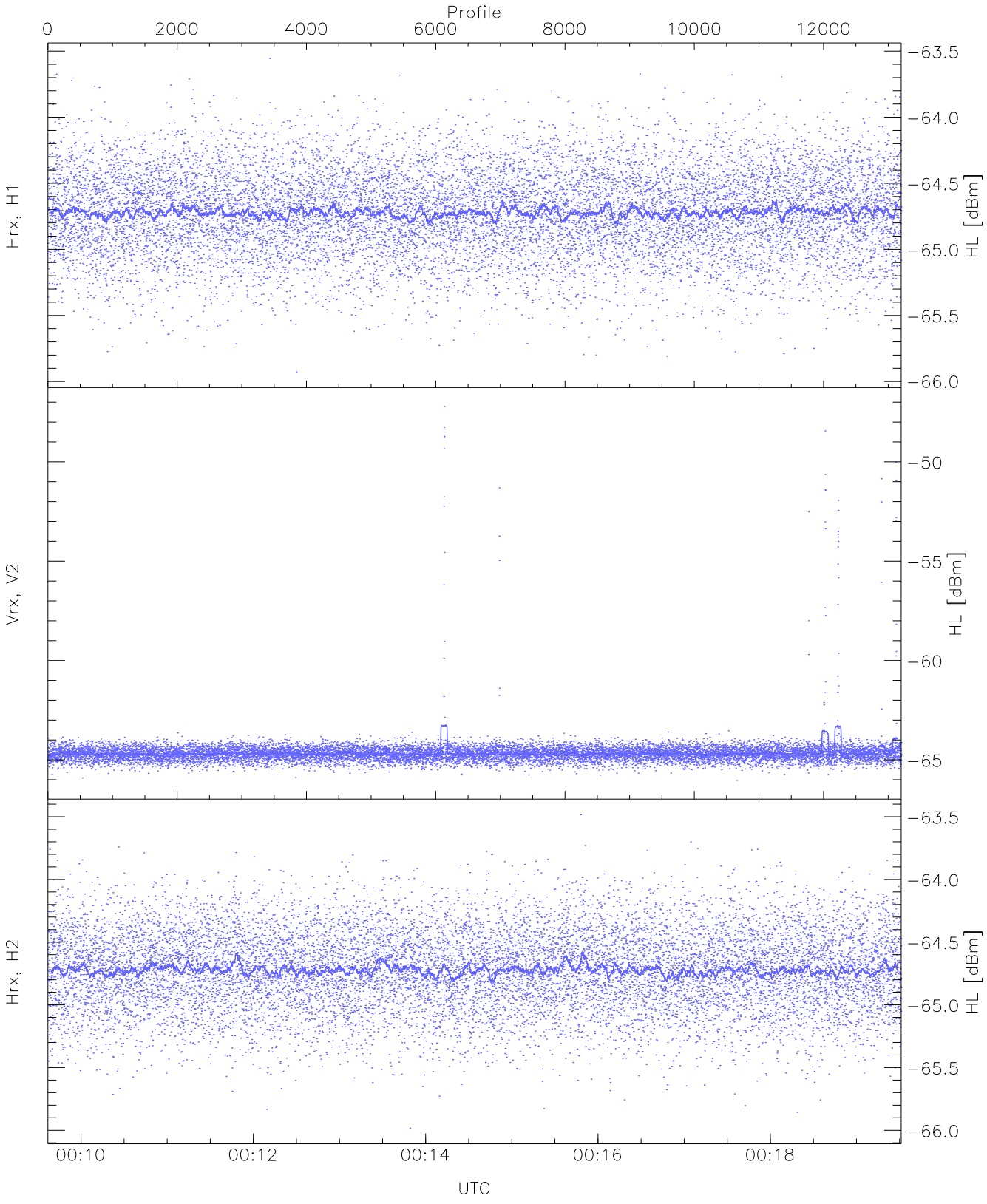
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.47	-65.23	-65.36	-65.36	-86.95
RMPHrxH1(std_dBm)	-76.04	-74.78	-75.37	-75.38	-89.16
RMPVrxV2(mean_dBm)	-65.05	-64.51	-64.90	-64.90	-85.57
RMPVrxV2(std_dBm)	-75.65	-74.23	-74.92	-74.92	-88.65
RMPHrxH2(mean_dBm)	-65.01	-64.68	-64.89	-64.89	-86.09
RMPHrxH2(std_dBm)	-75.64	-74.26	-74.91	-74.91	-88.65



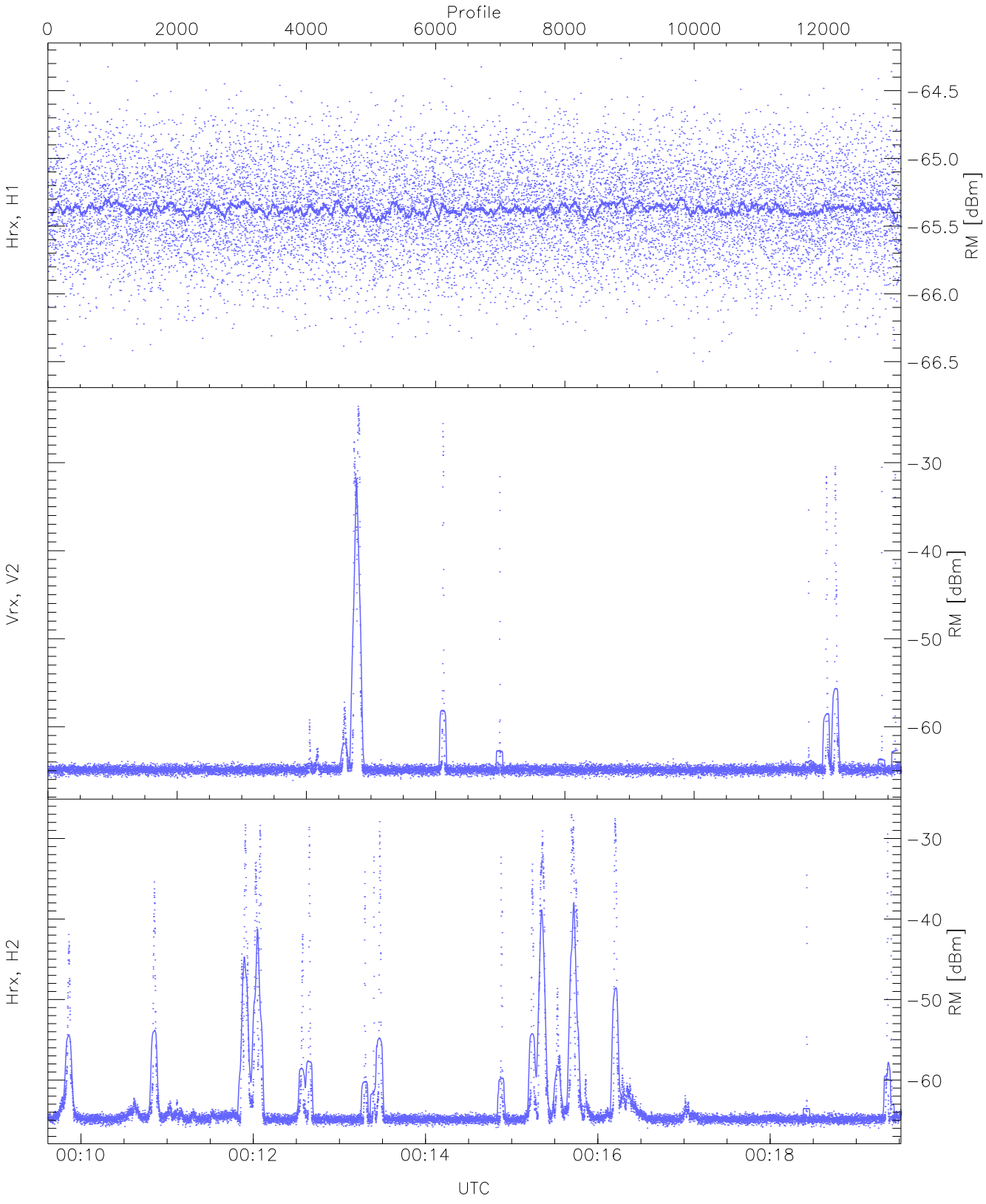
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.21	-63.67	-64.89	-64.89	-76.36
Vrx, V2(WL [dBm])	-66.07	-63.64	-64.89	-64.90	-76.36
Hrx, H2(WL [dBm])	-66.20	-63.78	-64.88	-64.89	-76.36



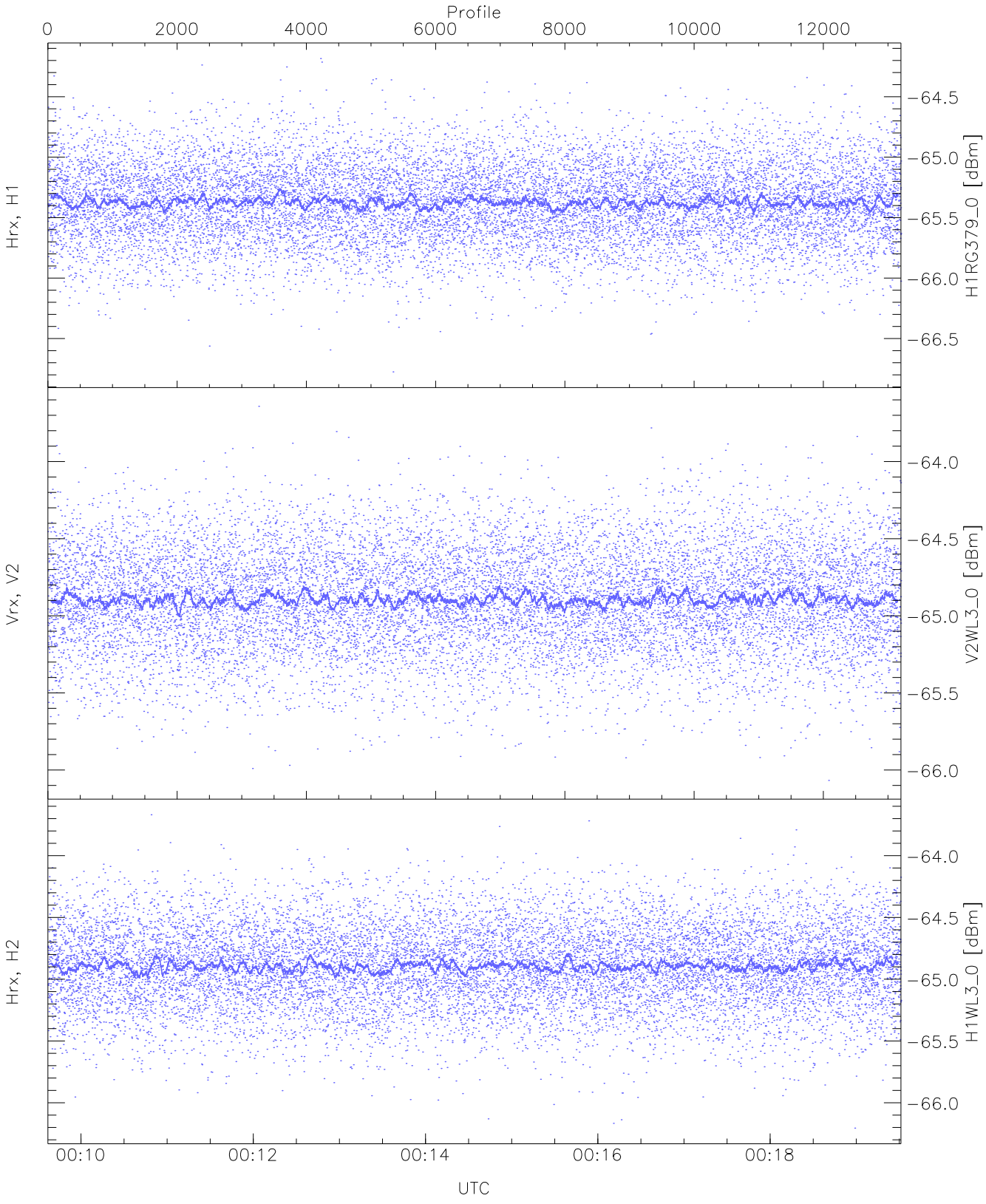
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.93	-63.56	-64.71	-64.72	-76.24
Vrx, V2(HL [dBm])	-66.03	-47.20	-64.45	-64.70	-64.00
Hrx, H2(HL [dBm])	-65.98	-63.48	-64.71	-64.72	-76.28



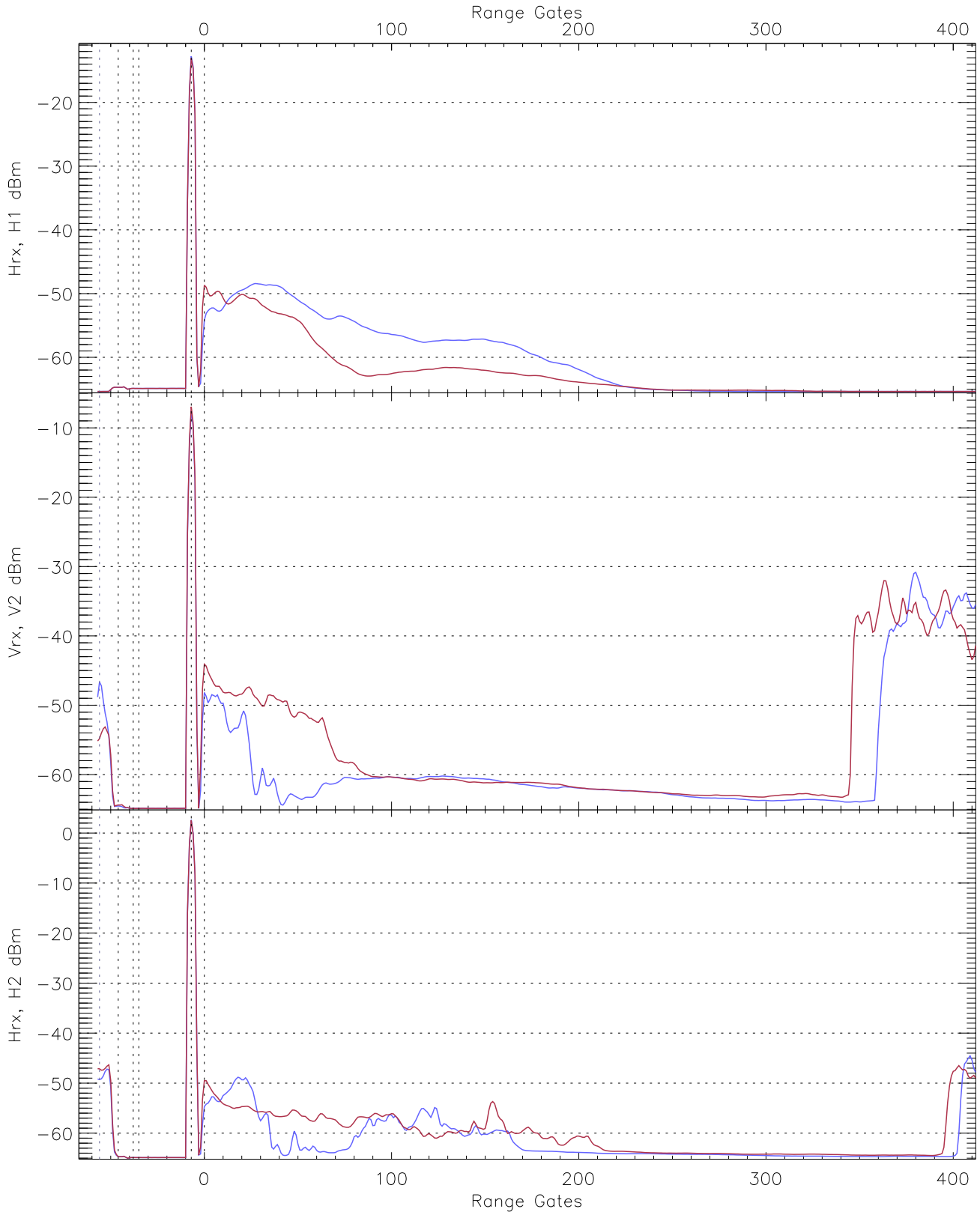
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.58	-64.26	-65.37	-65.37	-76.88
Vrx, V2(RM [dBm])	-66.10	-23.59	-49.06	-64.87	-38.02
Hrx, H2(RM [dBm])	-65.97	-27.05	-48.08	-64.67	-39.58

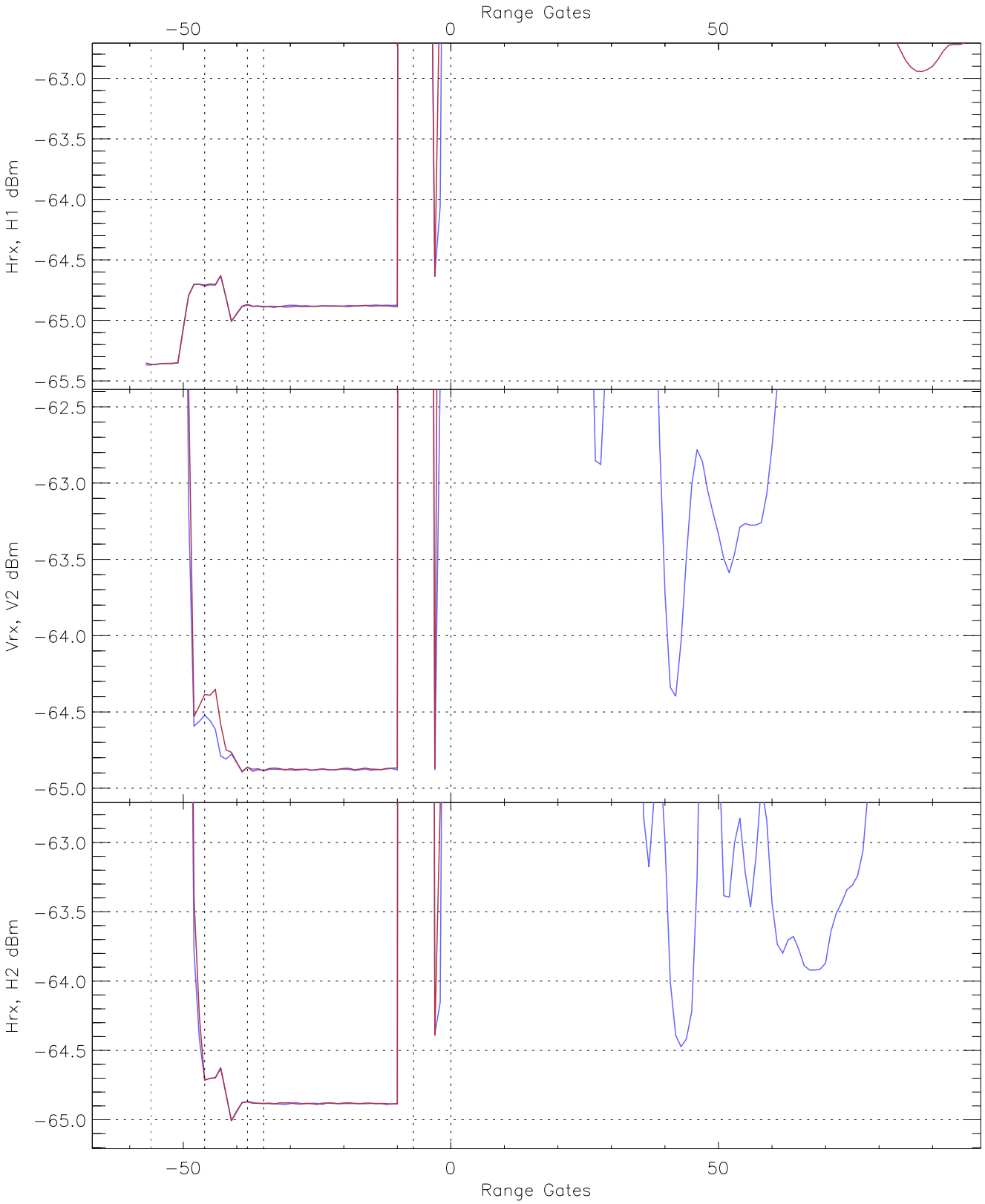


WCR3 CPP "Best" estimate Receivers Noise Power

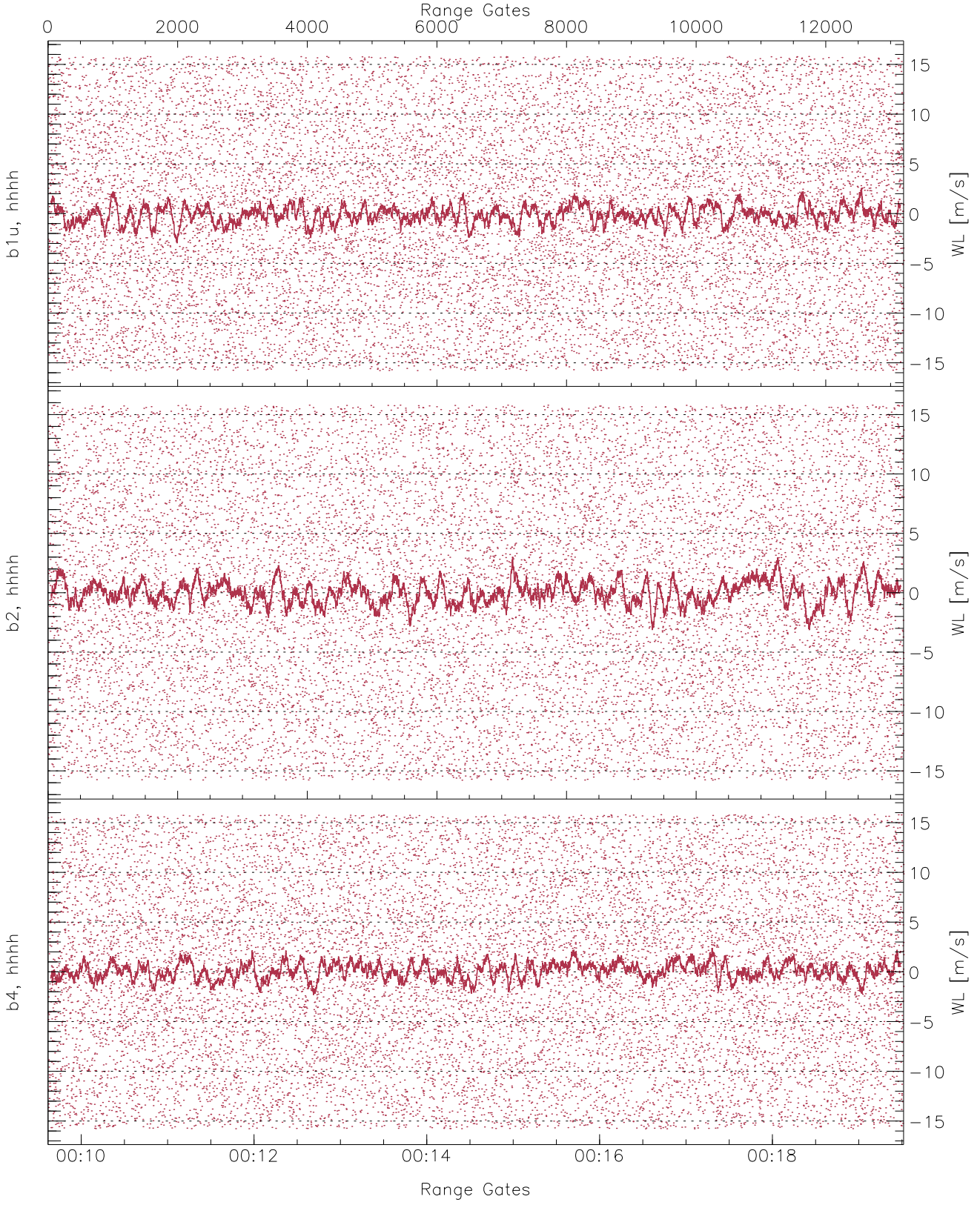
	Min	Max	Mean	Median	StDev
H1RG379_0 [dBm]	-66.78	-64.18	-65.37	-65.37	-76.86
V2WL3_0 [dBm]	-66.07	-63.64	-64.89	-64.90	-76.36
H1WL3_0 [dBm]	-66.21	-63.67	-64.89	-64.89	-76.36



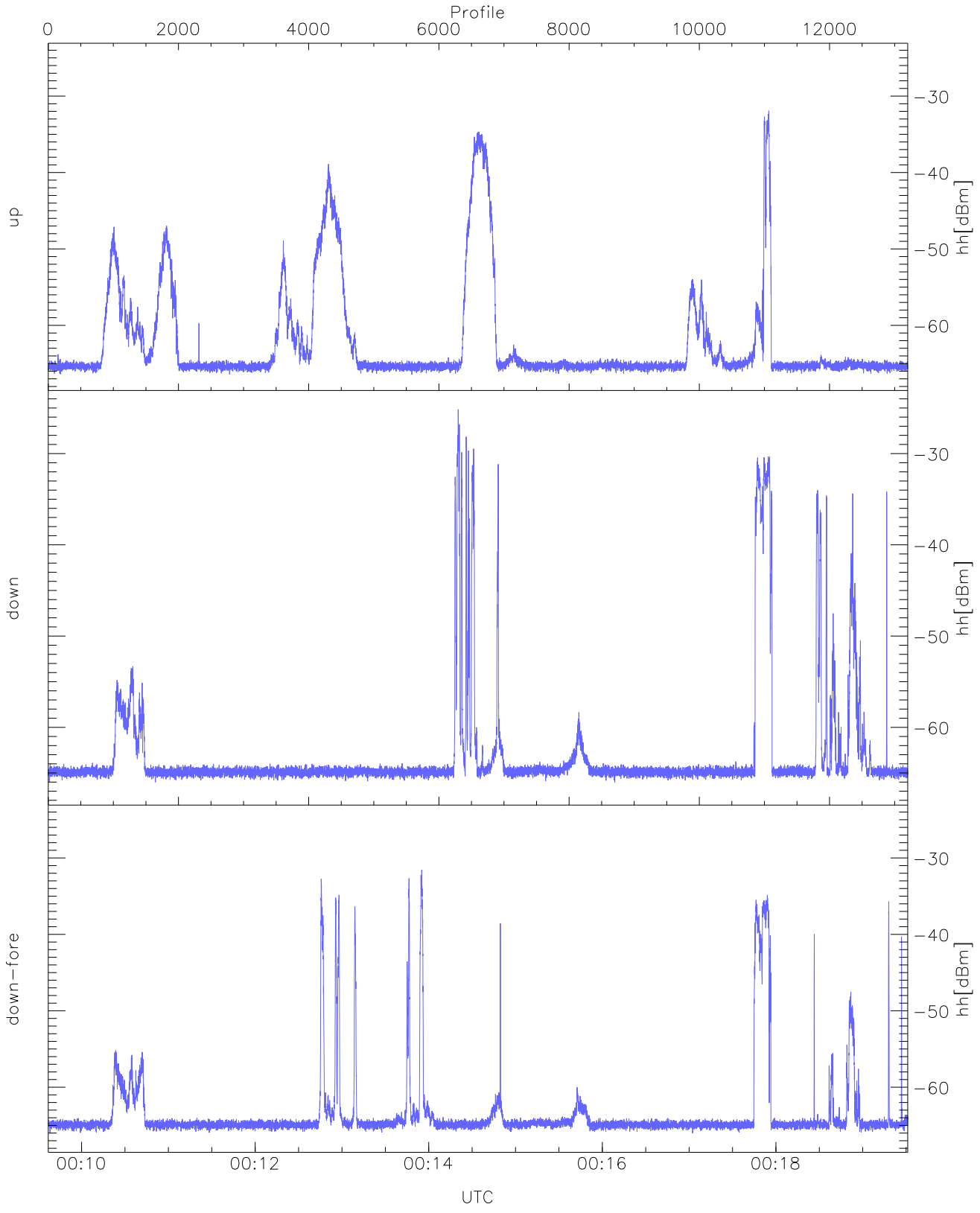
WCR3 CPP Averaged Received power for all recorded gates
blue: 000937-001434, 6602 profiles averaged
red: 001434-001931, 6601 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 000937-001434, 6602 profiles averaged
red: 001434-001931, 6601 profiles averaged

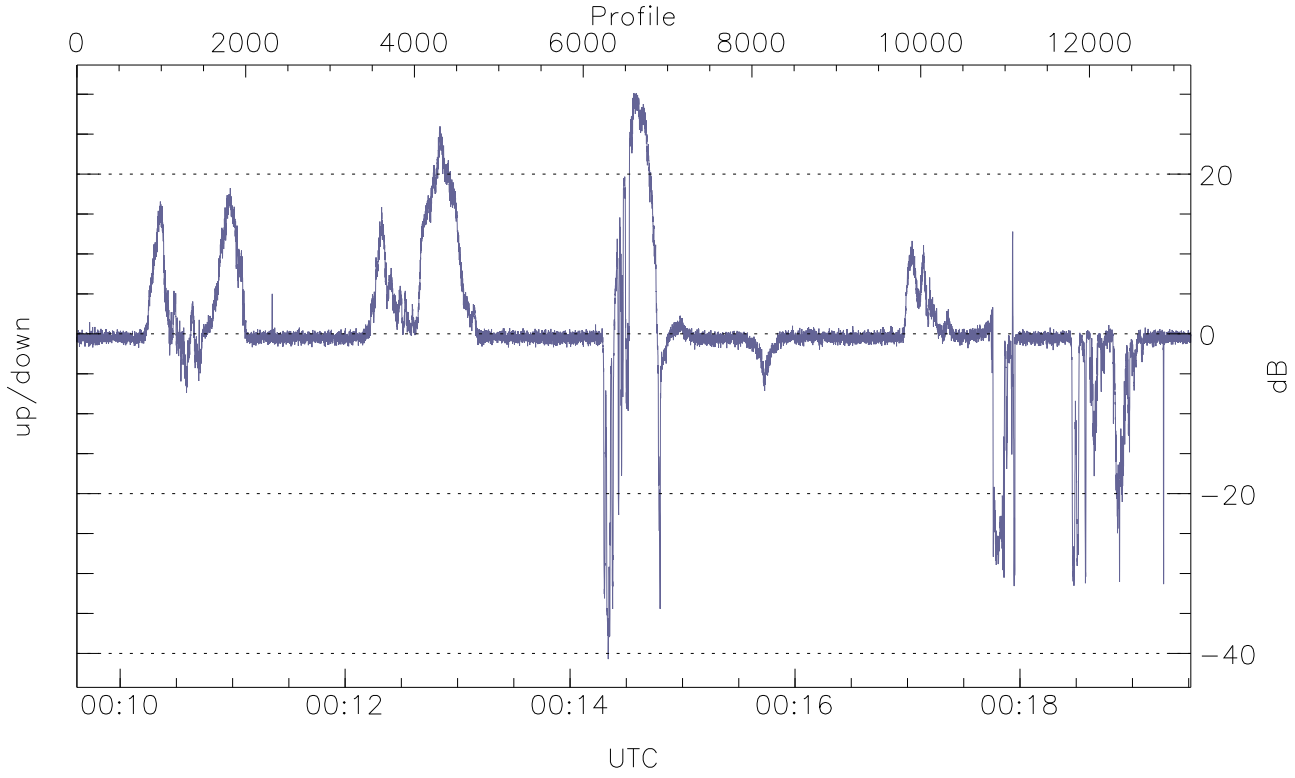


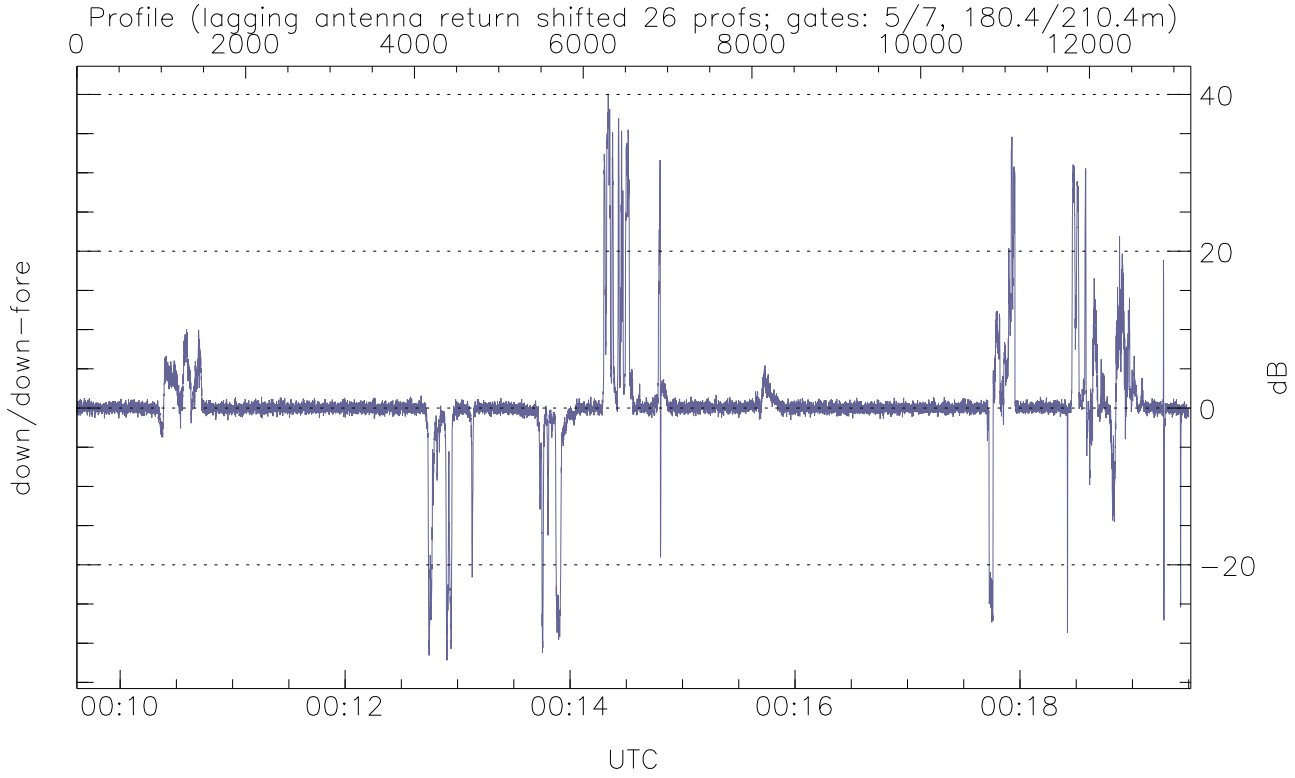
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

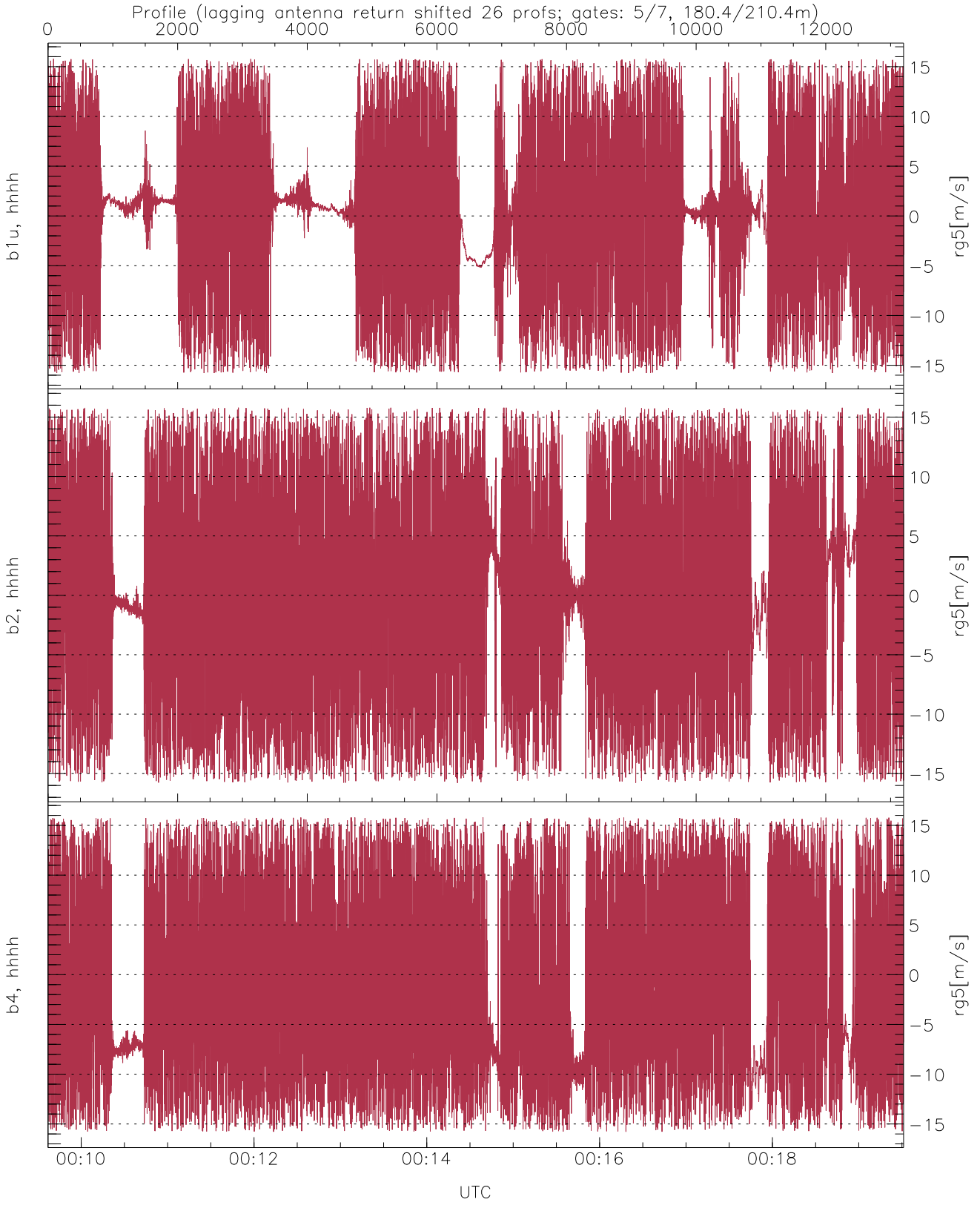
	Min	Max	Mean
up(hh[dBm])	-66.46	-31.92	-51.03
down(hh[dBm])	-66.02	-25.15	-47.64
down-fore(hh[dBm])	-66.02	-31.55	-52.39





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

	Min	Max	Mean
up/down(dB)	-40.71	30.11	0.73
down/down-fore(dB)	-32.18	39.99	0.50



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.07	6.95
b2, hhhh(rg5[m/s])	-15.78	15.79	0.17	8.00
b4, hhhh(rg5[m/s])	-15.78	15.79	-1.26	8.61