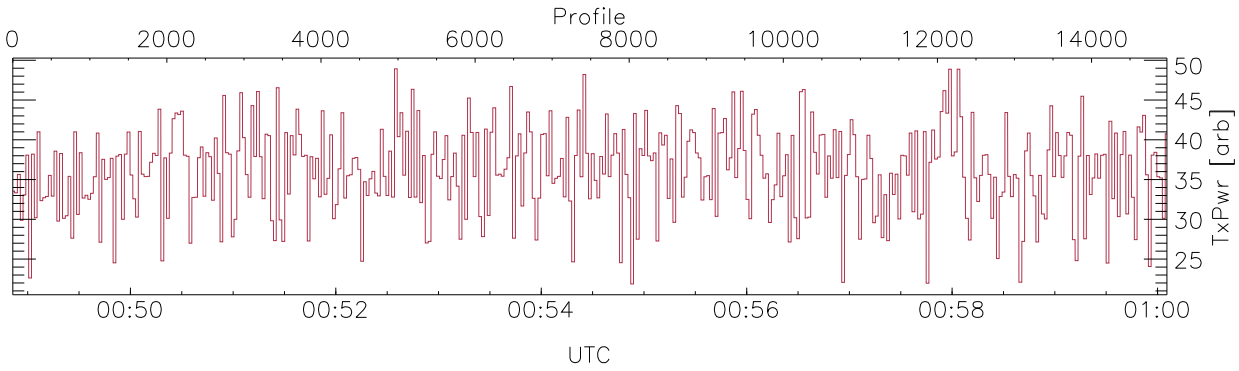
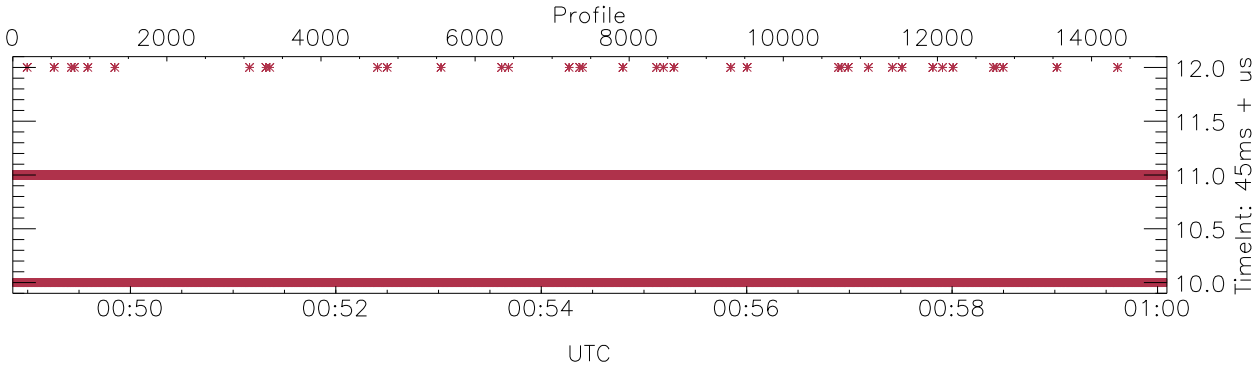
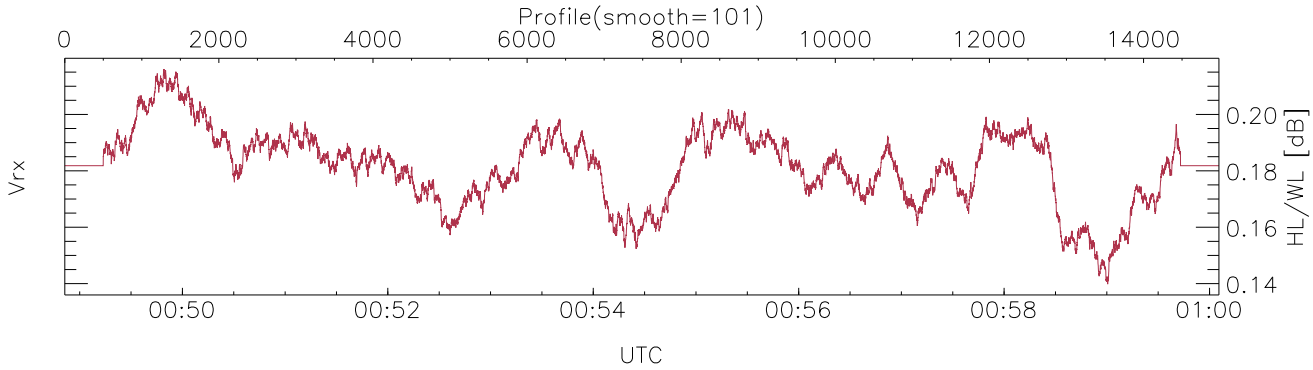
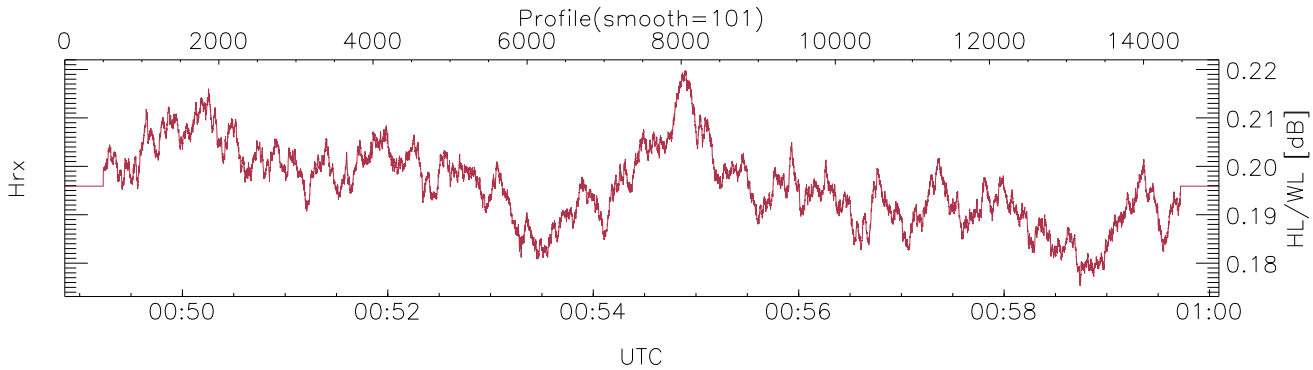


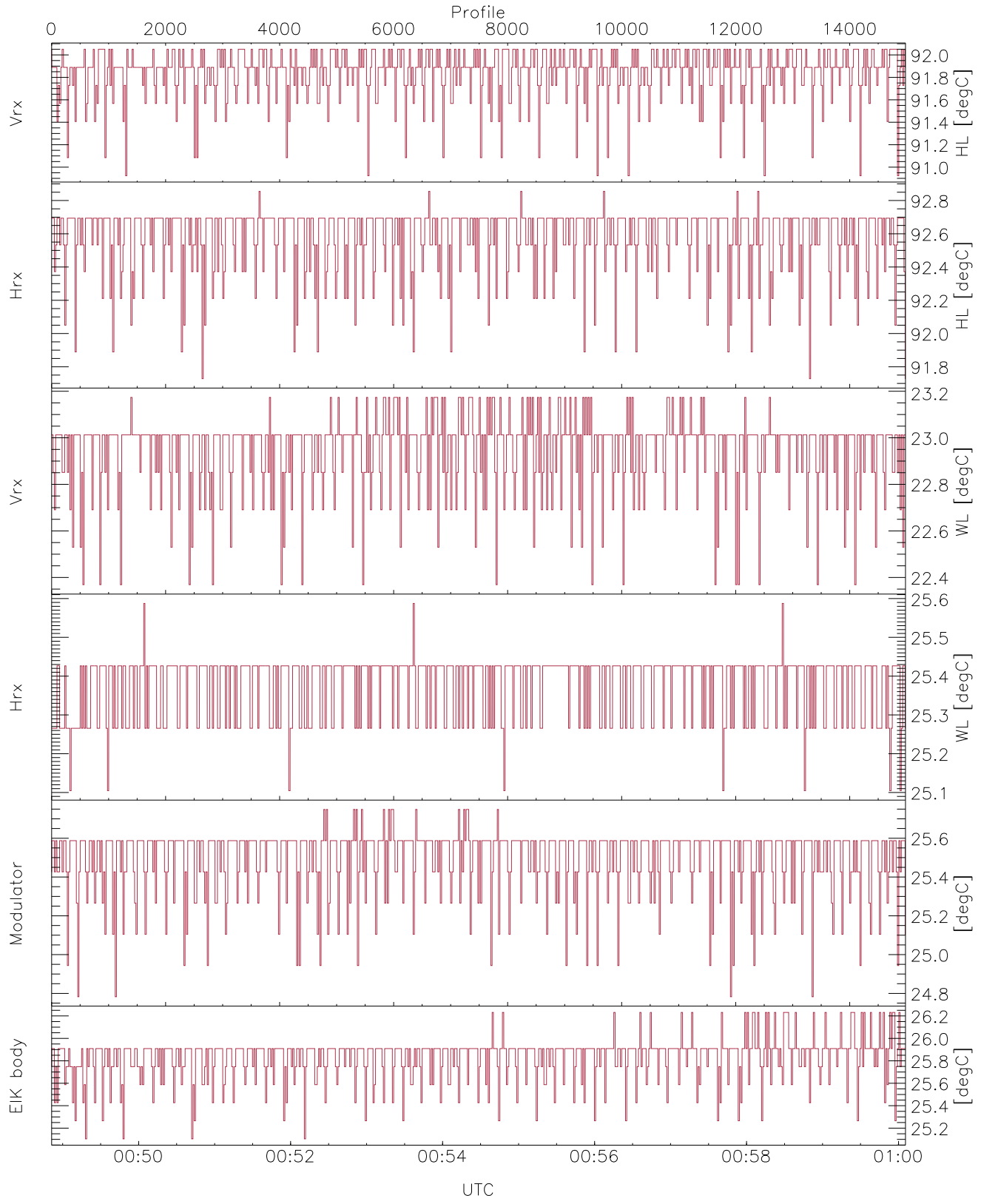






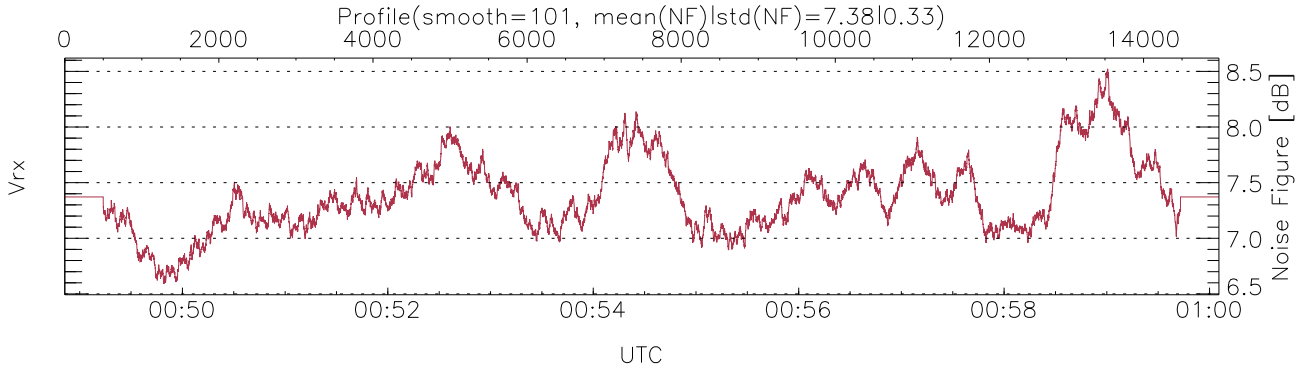
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

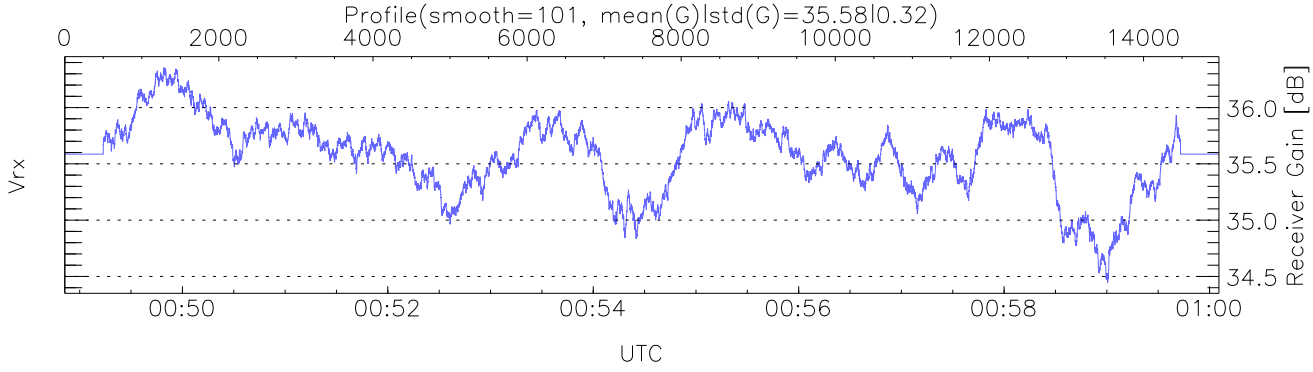
UTC: 00:48:51-01:00:06, TimeCor: 0.00s, Dur: 674.22s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 14980/14980, 0-14979/00:48:51-01:00:06
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

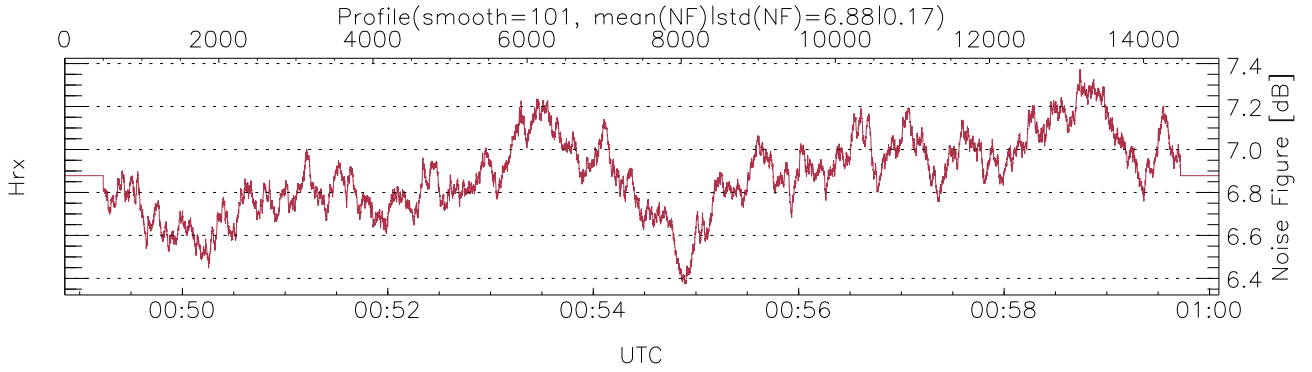


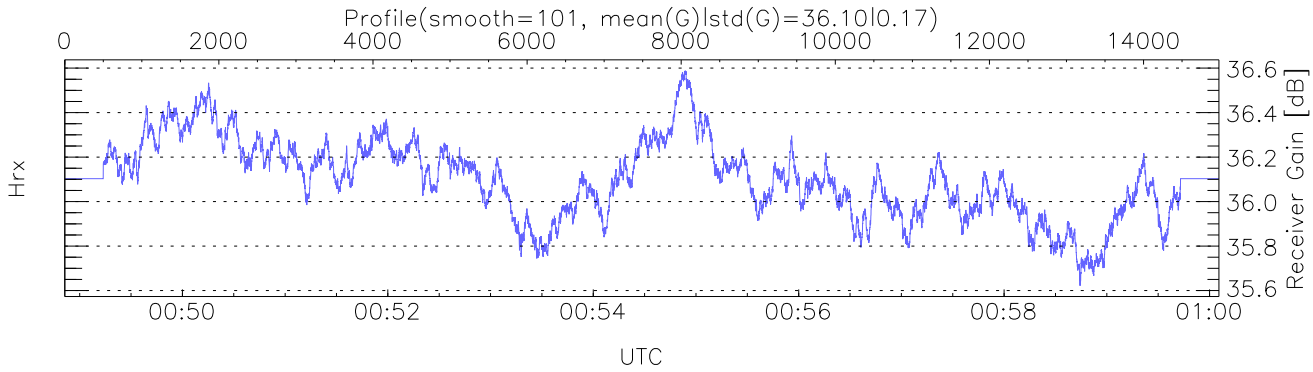
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,25,24,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,23,25,25,26
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)



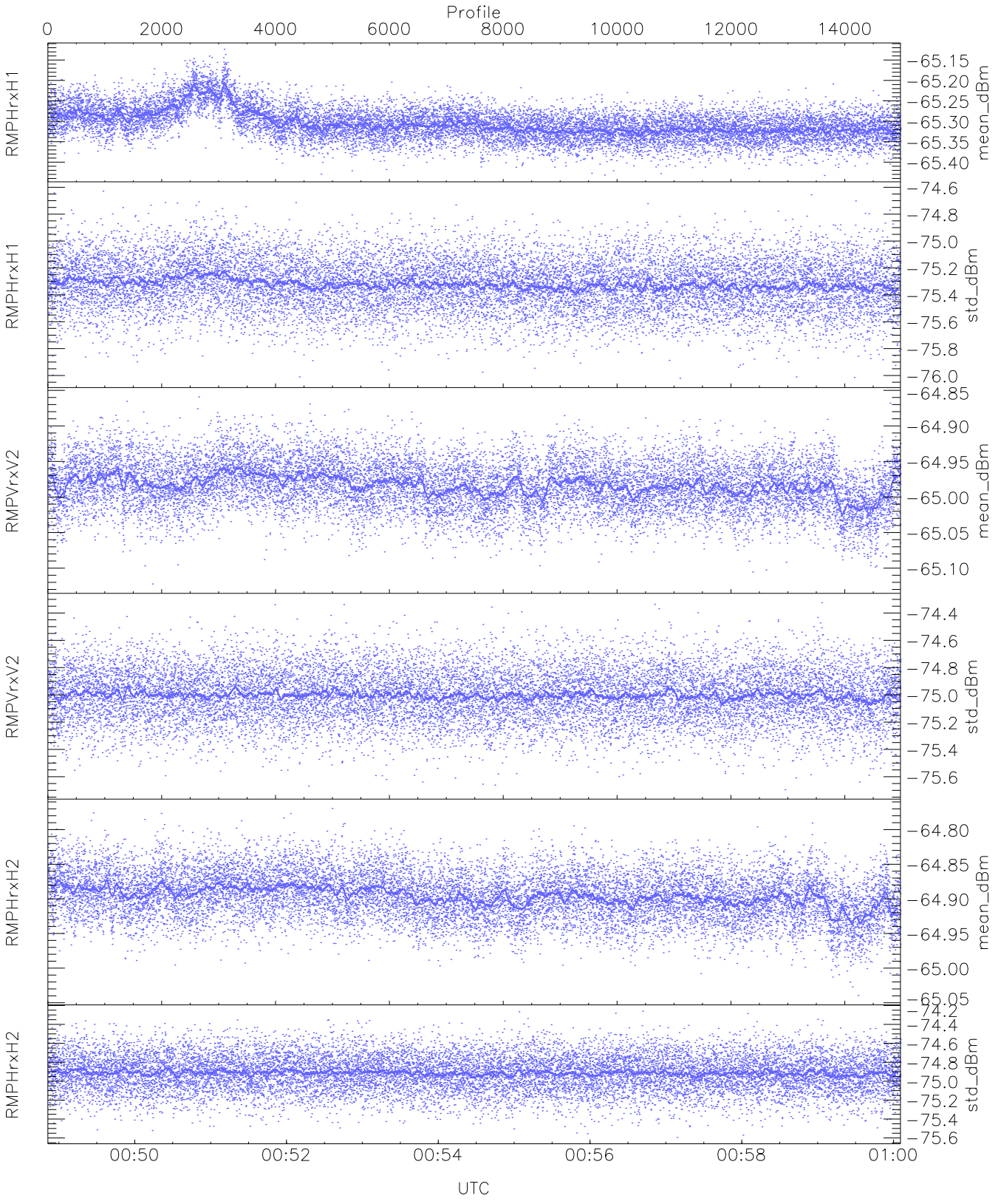






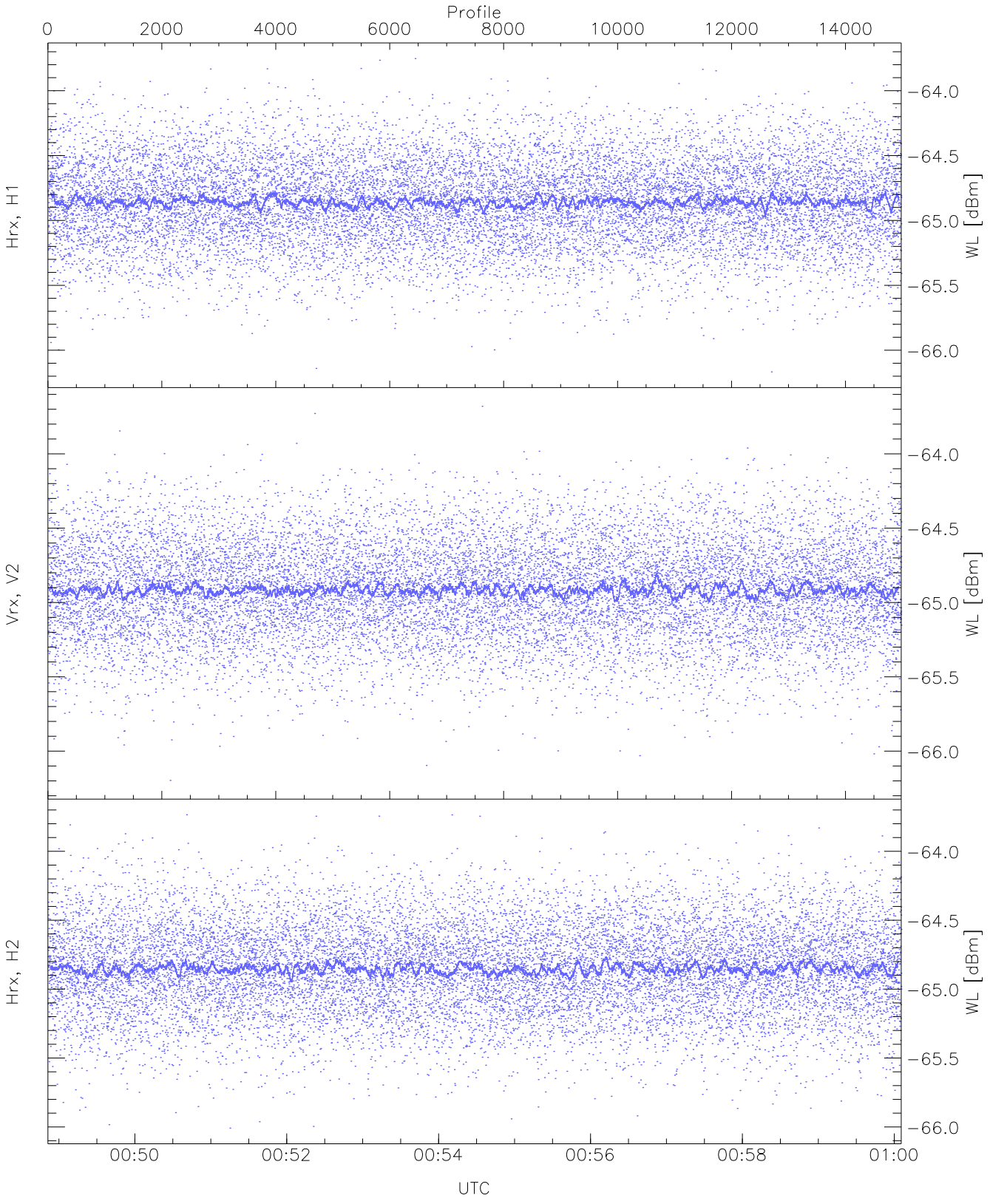
WCR3 CPP Receivers Gain and Noise Figure

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



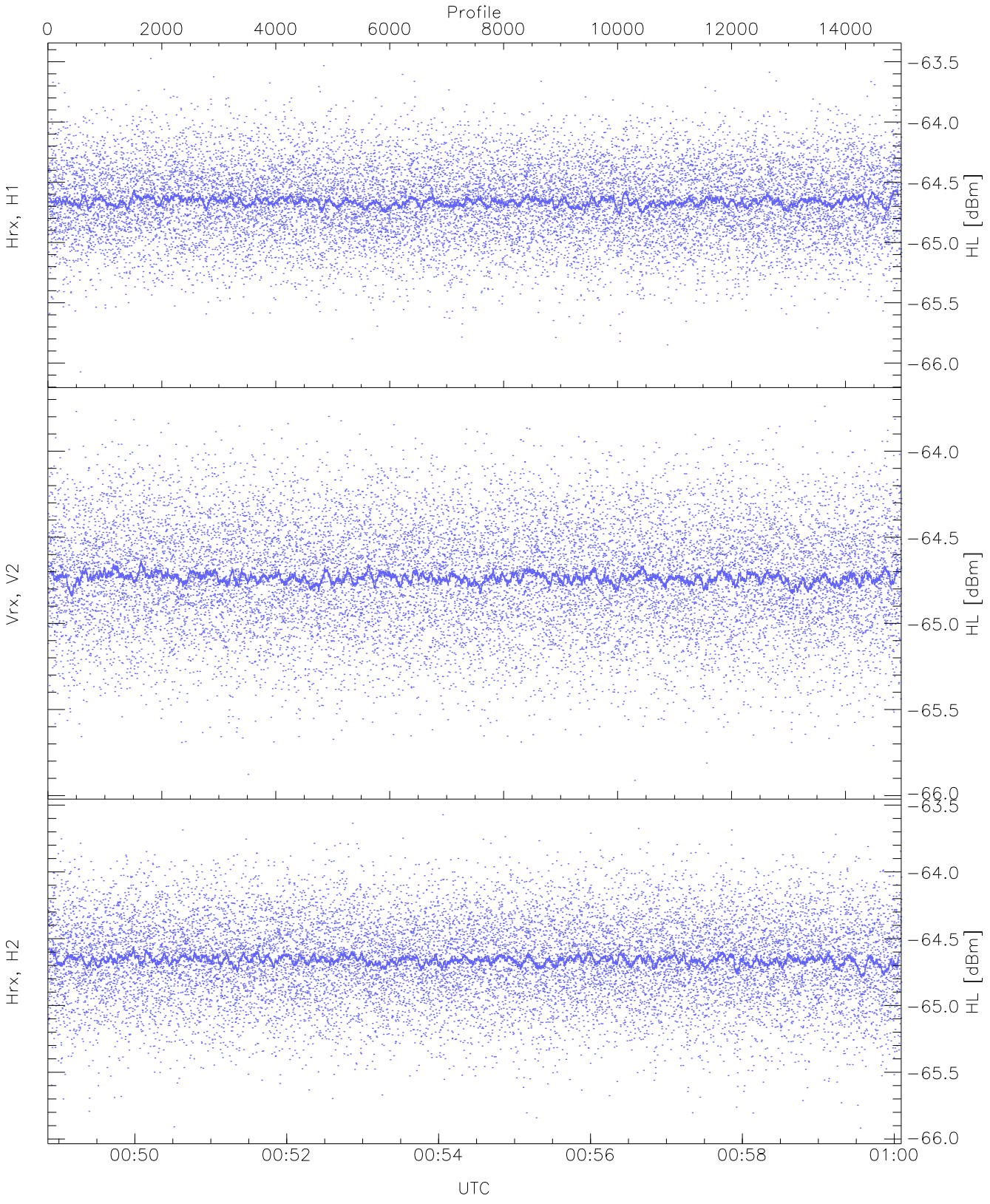
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.43	-65.12	-65.31	-65.31	-85.71
RMPHrxH1(std_dBm)	-76.02	-74.63	-75.32	-75.32	-89.10
RMPVrxV2(mean_dBm)	-65.12	-64.86	-64.98	-64.98	-86.18
RMPVrxV2(std_dBm)	-75.70	-74.32	-75.00	-75.00	-88.77
RMPHrxH2(mean_dBm)	-65.04	-64.77	-64.90	-64.90	-86.11
RMPHrxH2(std_dBm)	-75.59	-74.26	-74.91	-74.91	-88.66



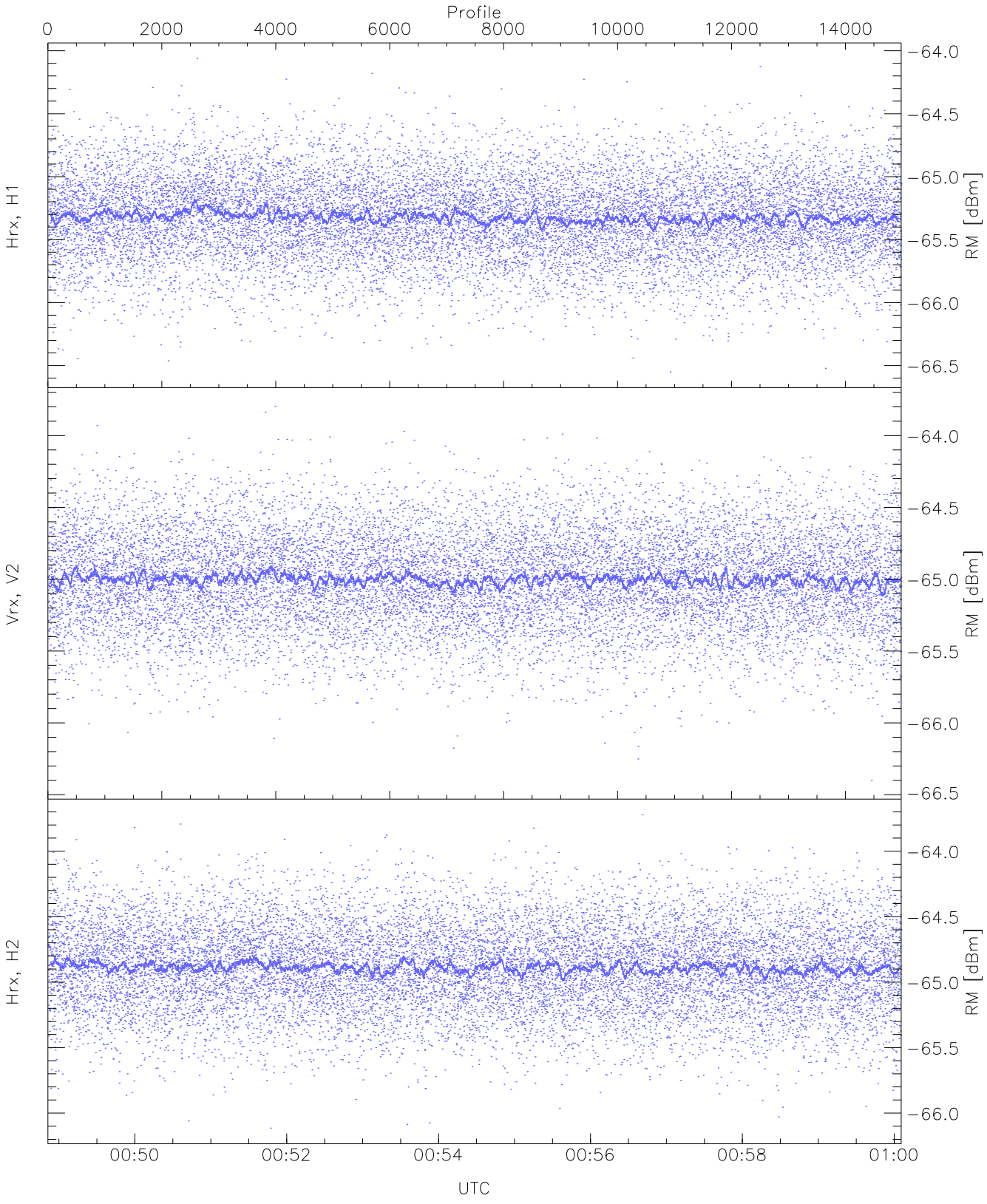
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.17	-63.75	-64.85	-64.85	-76.34
Vrx, V2(WL [dBm])	-66.20	-63.68	-64.91	-64.91	-76.44
Hrx, H2(WL [dBm])	-66.01	-63.73	-64.85	-64.85	-76.34



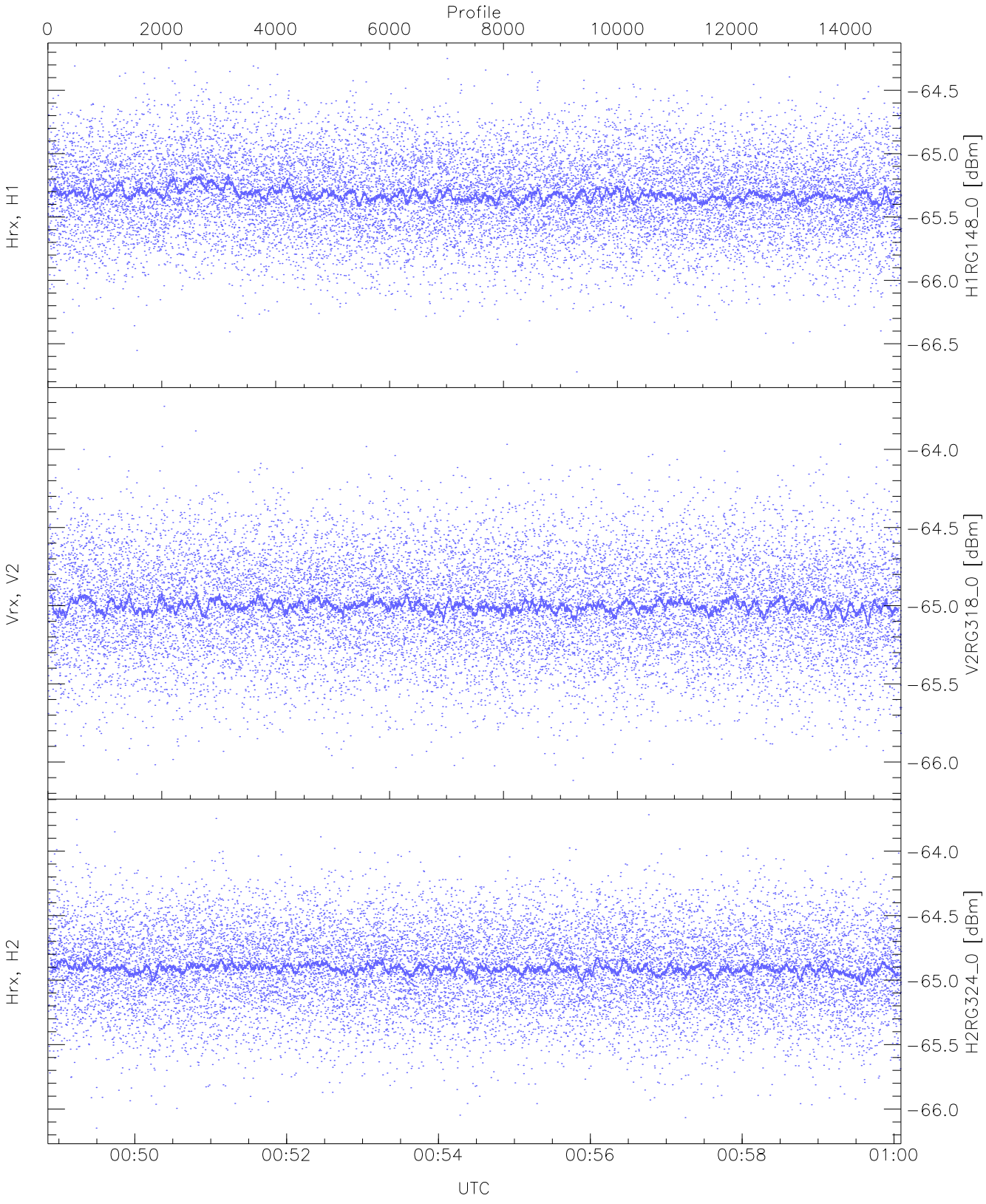
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.07	-63.47	-64.65	-64.66	-76.14
Vrx, V2(HL [dBm])	-65.91	-63.74	-64.73	-64.73	-76.28
Hrx, H2(HL [dBm])	-65.92	-63.57	-64.65	-64.66	-76.13



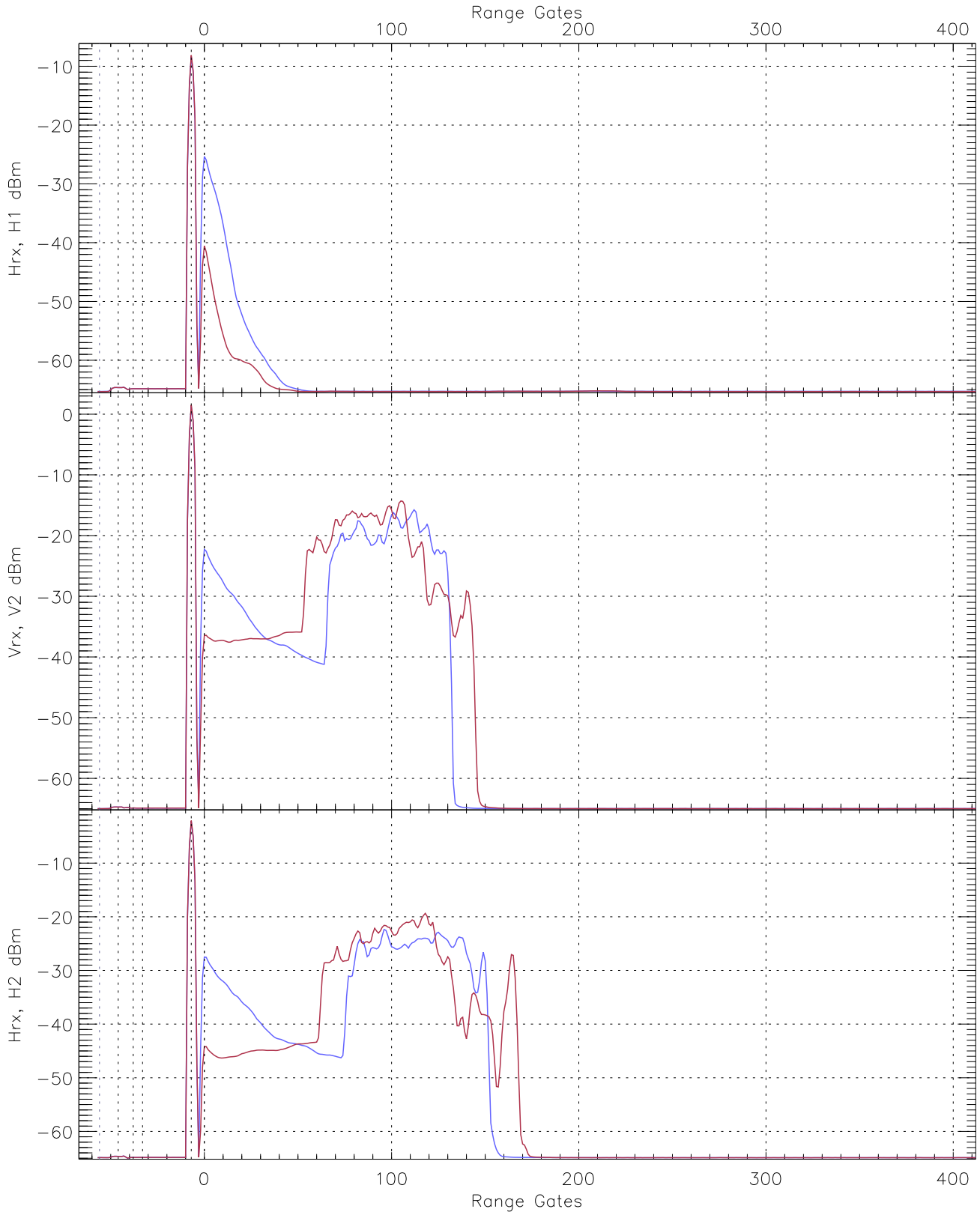
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.55	-64.06	-65.32	-65.32	-76.81
Vrx, V2(RM [dBm])	-66.40	-63.80	-64.99	-65.00	-76.50
Hrx, H2(RM [dBm])	-66.11	-63.72	-64.88	-64.89	-76.37

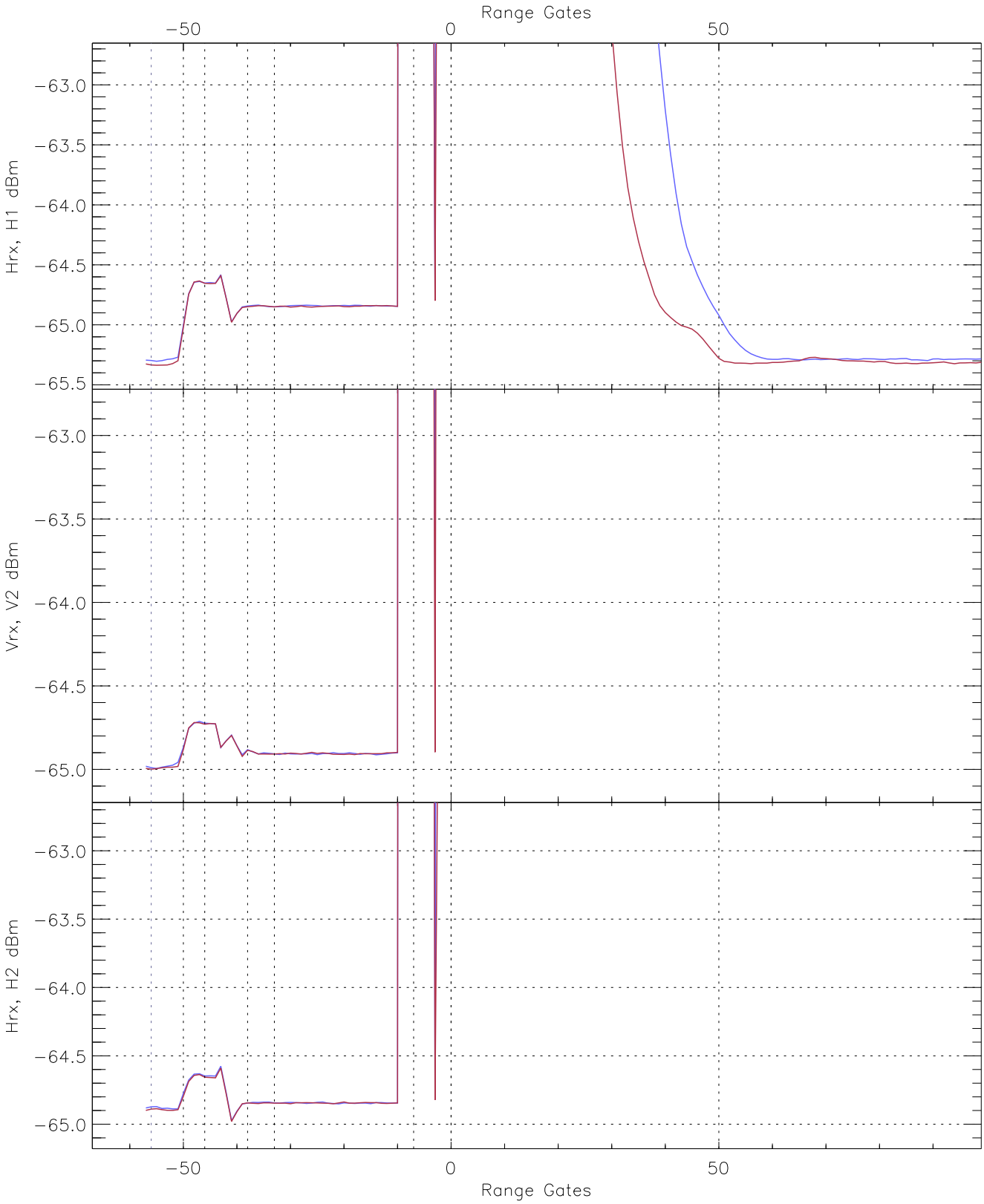


WCR3 CPP "Best" estimate Receivers Noise Power

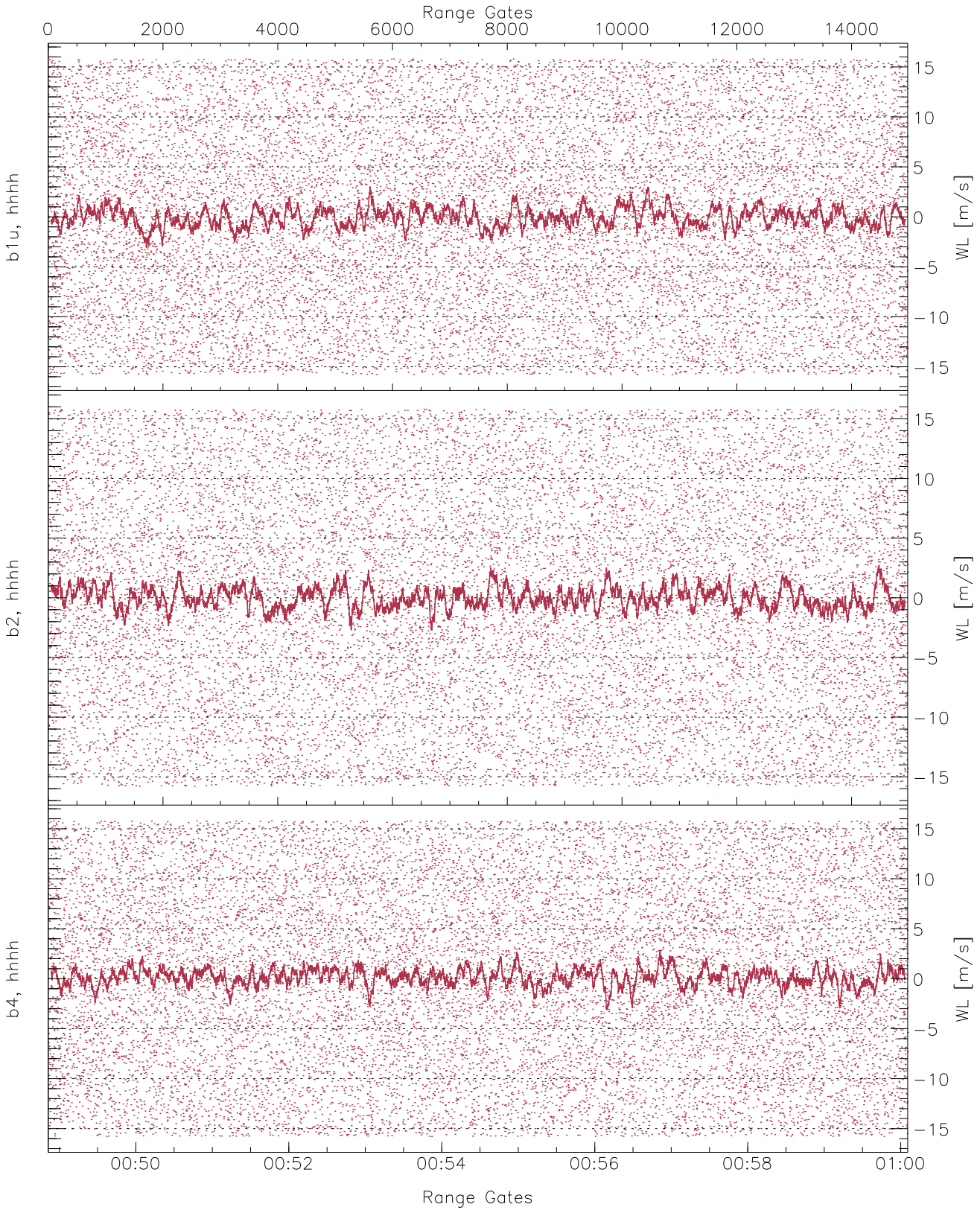
	Min	Max	Mean	Median	StDev
H1RG148_0 [dBm]	-66.72	-64.25	-65.32	-65.32	-76.77
V2RG318_0 [dBm]	-66.12	-63.72	-64.99	-65.00	-76.52
H2RG324_0 [dBm]	-66.15	-63.72	-64.90	-64.91	-76.44



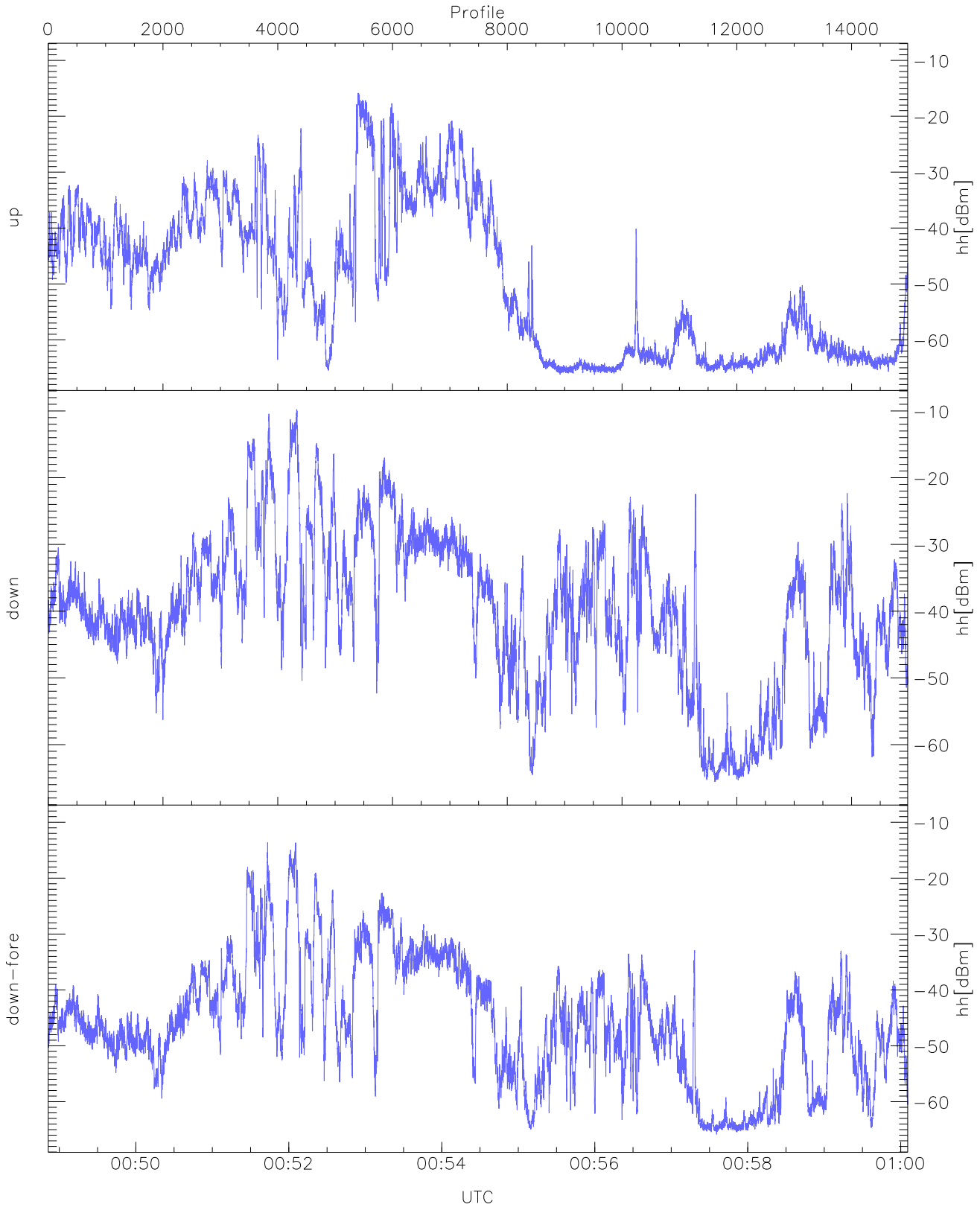
WCR3 CPP Averaged Received power for all recorded gates
blue: 004851-005428, 7491 profiles averaged
red: 005428-010006, 7490 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 004851-005428, 7491 profiles averaged
red: 005428-010006, 7490 profiles averaged

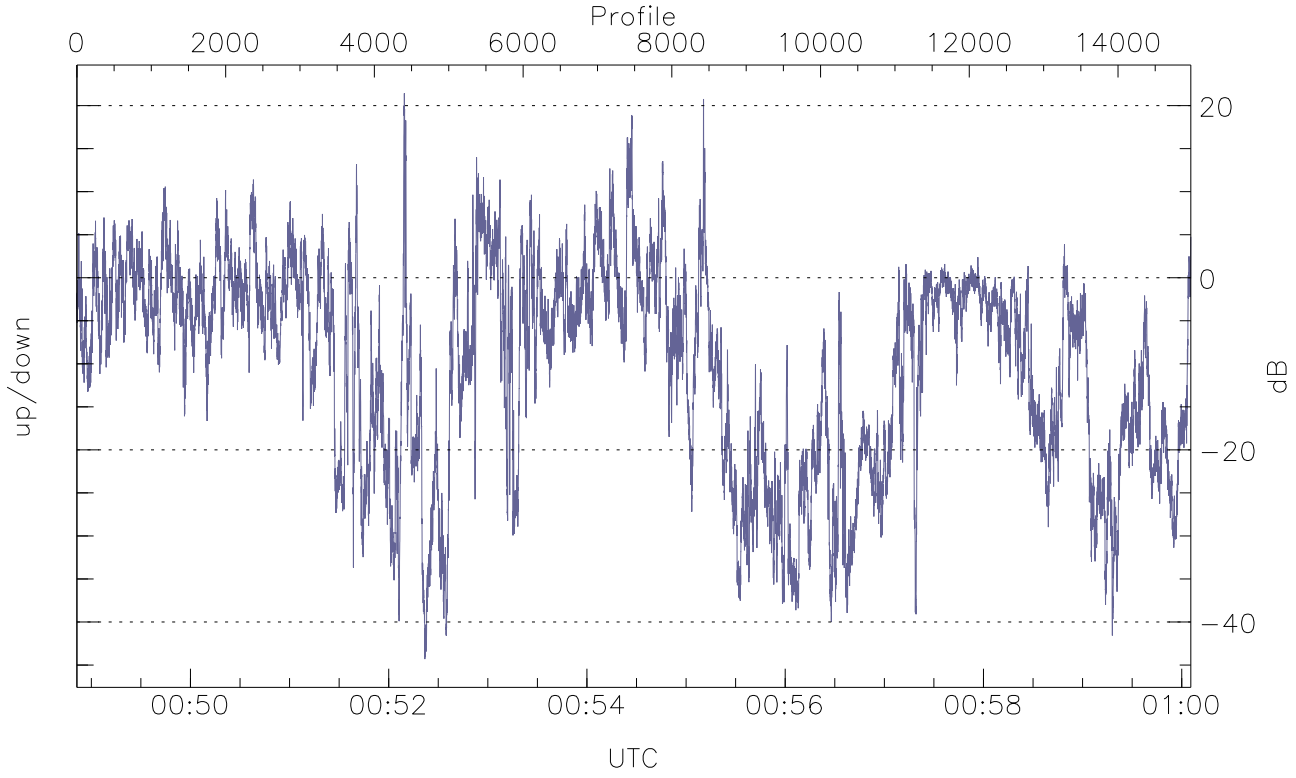


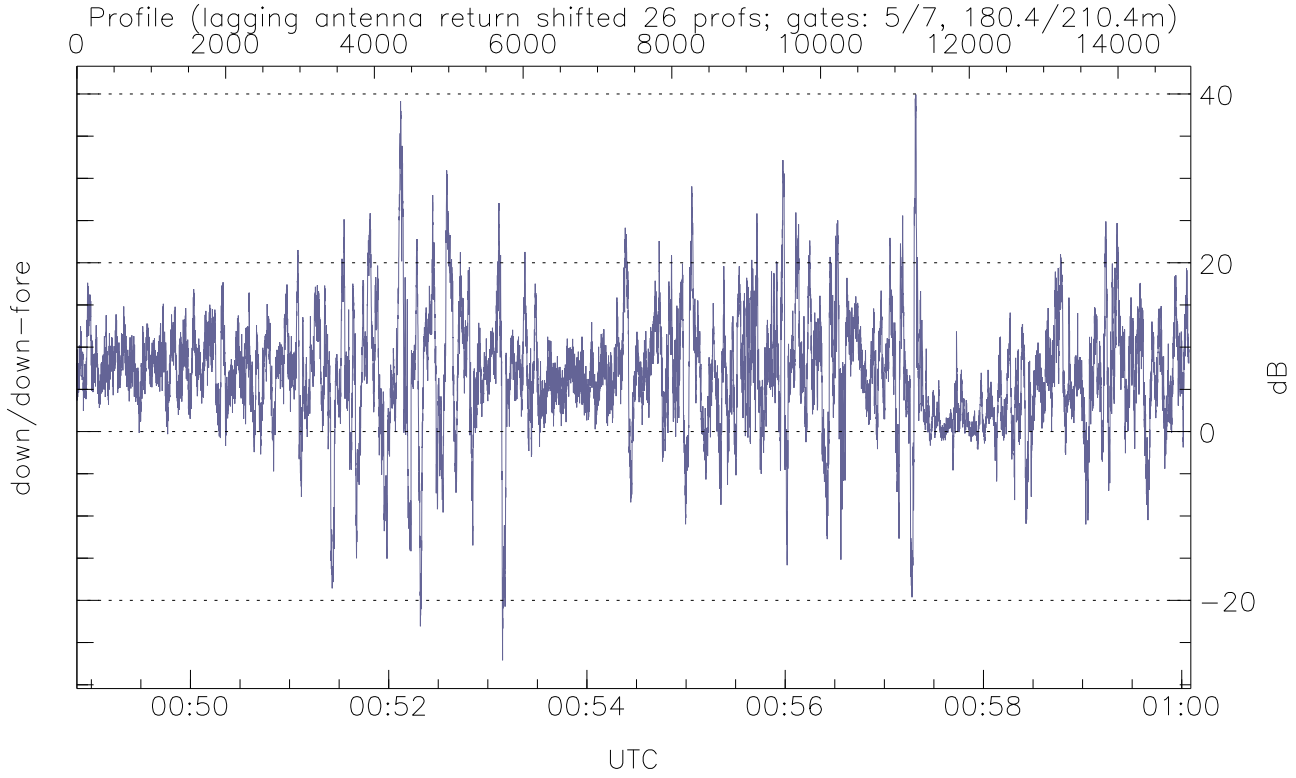
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

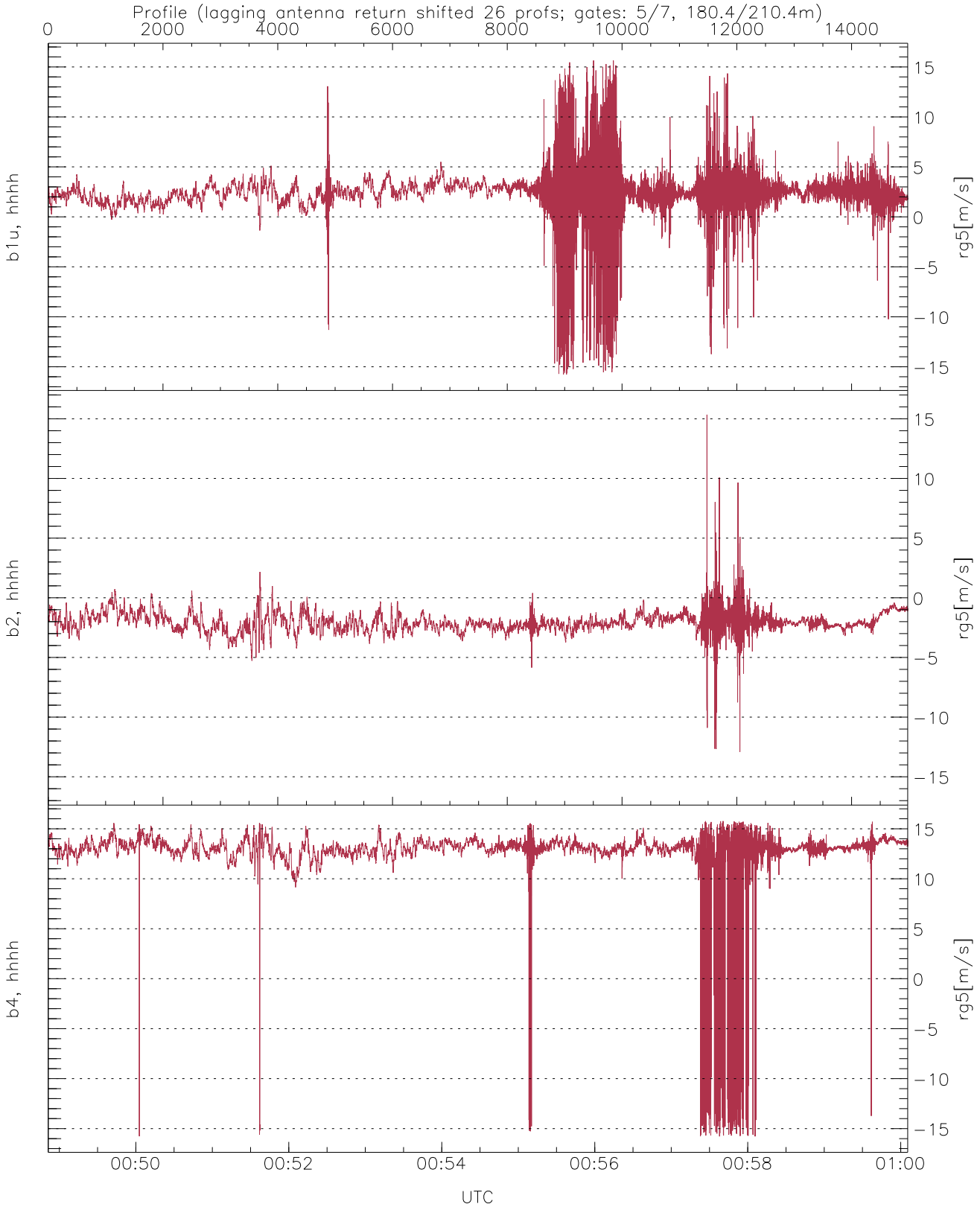
	Min	Max	Mean
up(hh[dBm])	-66.24	-15.82	-33.48
down(hh[dBm])	-65.58	-9.75	-28.04
down-fore(hh[dBm])	-65.85	-13.63	-32.84





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

	Min	Max	Mean
up/down(dB)	-44.31	21.43	-10.16
down/down-fore(dB)	-27.10	39.93	6.81



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.76	15.65	2.30	2.33
b2, hhhh(rg5[m/s])	-12.91	15.34	-2.04	0.85
b4, hhhh(rg5[m/s])	-15.77	15.77	12.71	3.04