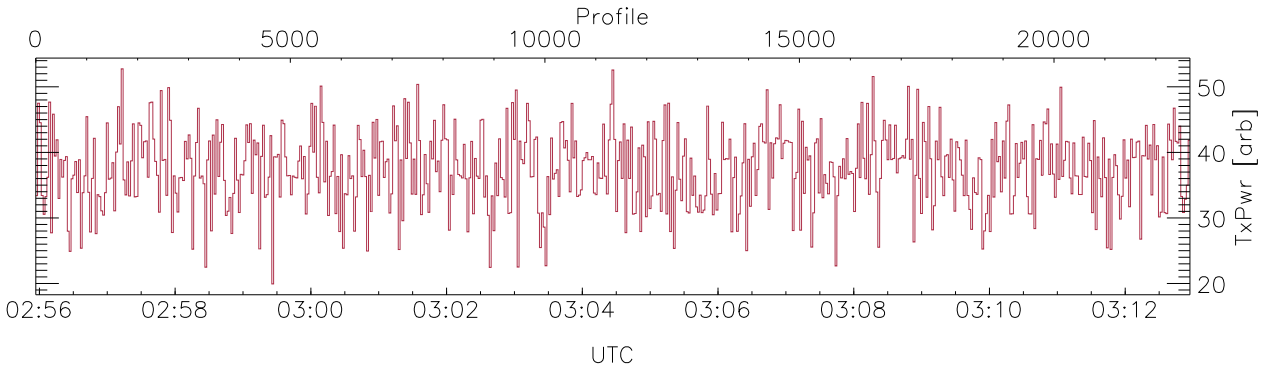
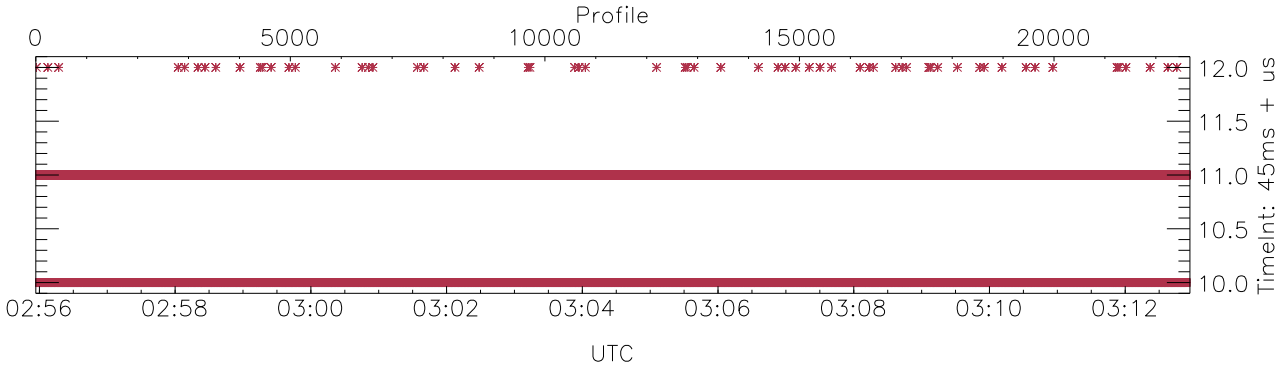
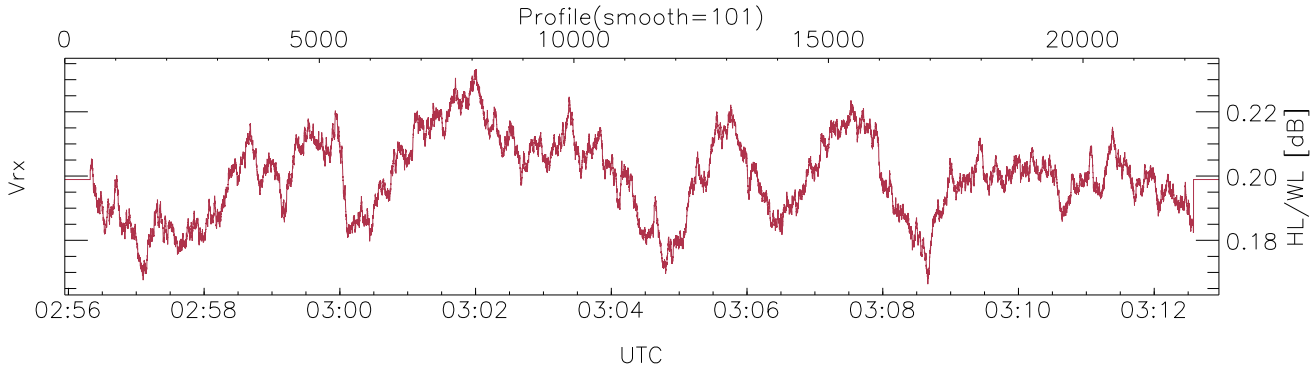
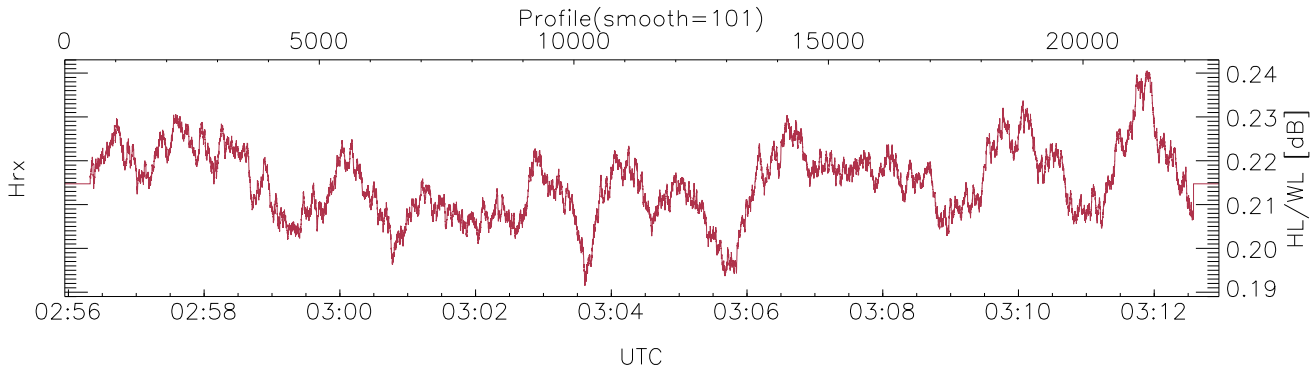


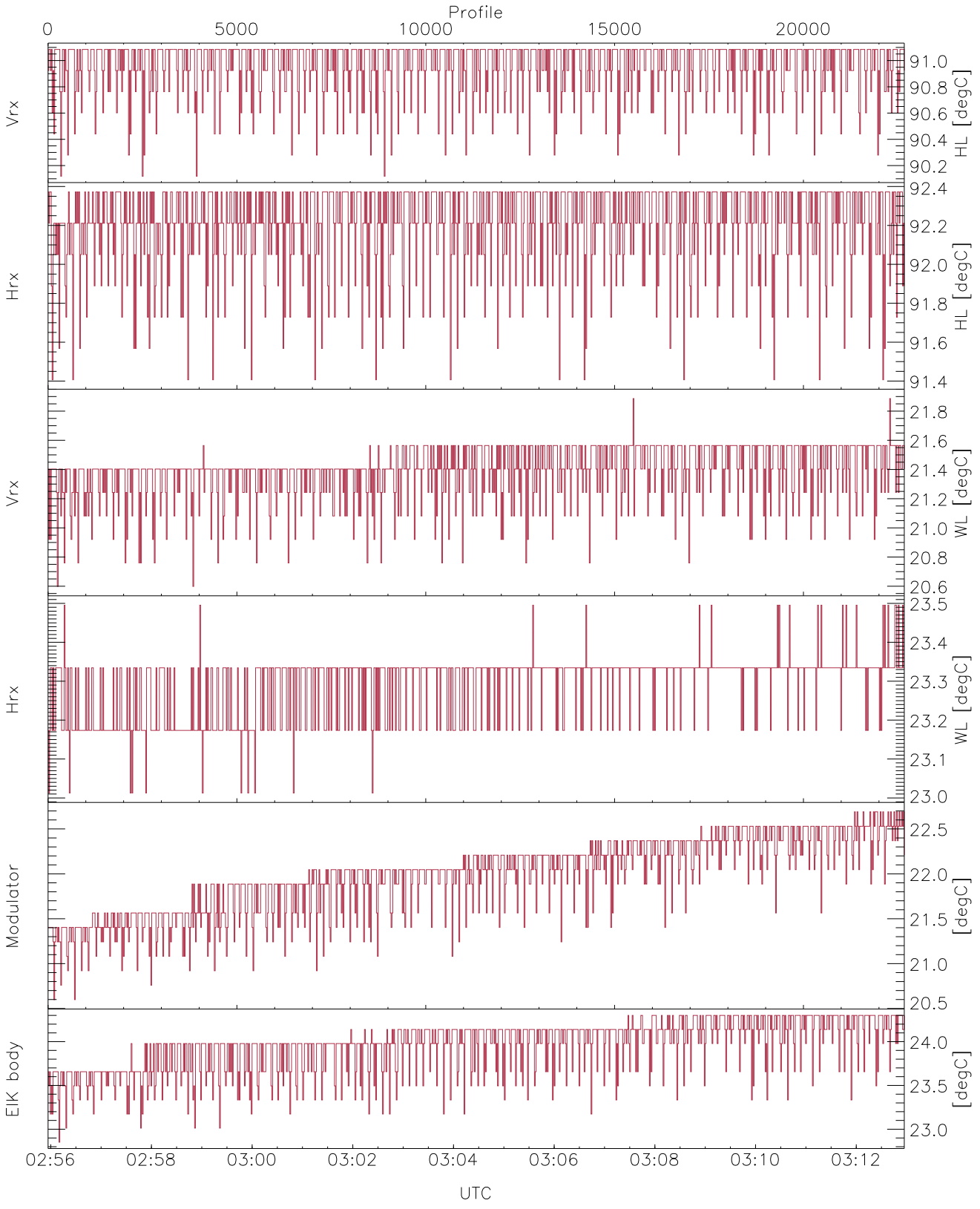






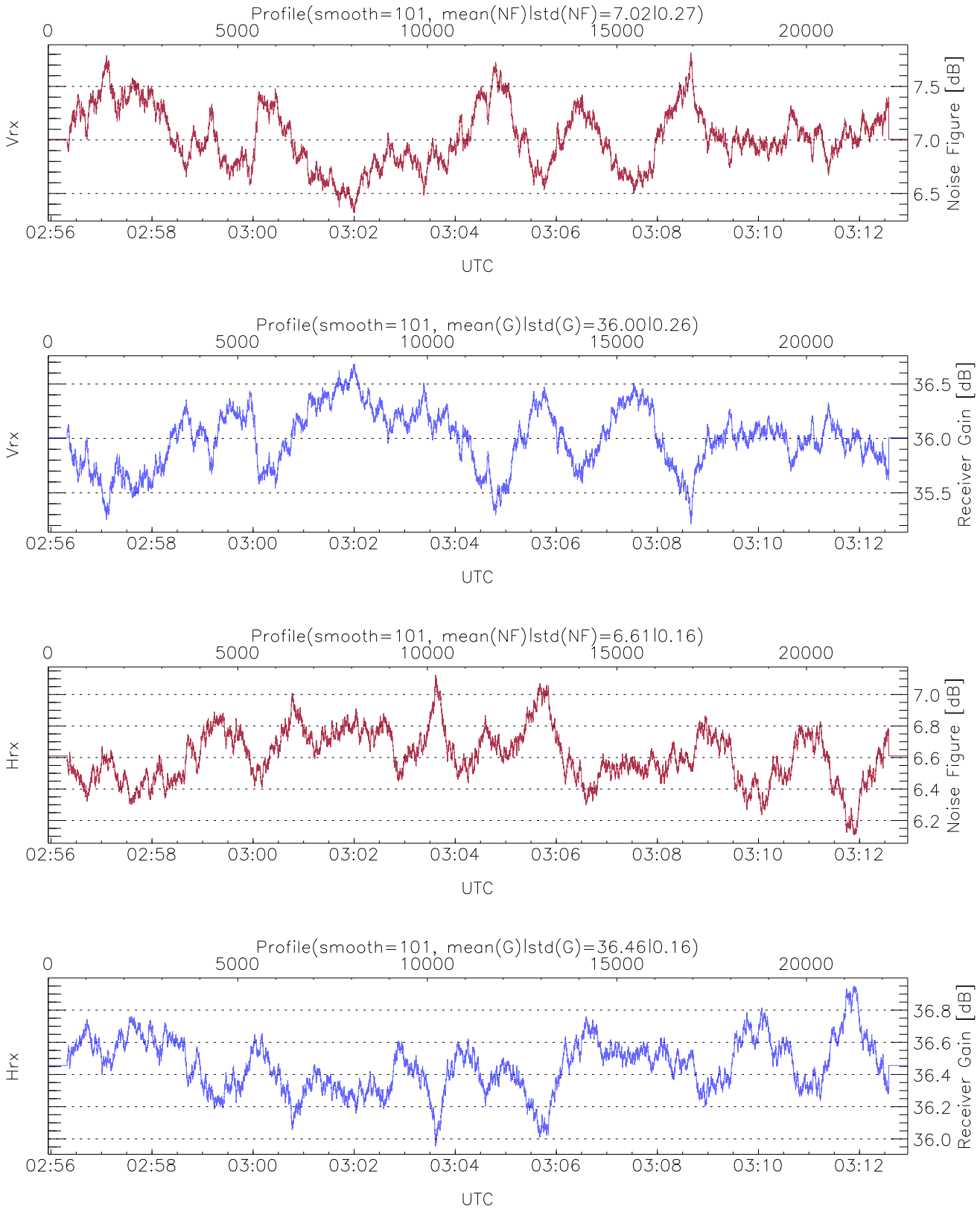
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 02:55:57-03:12:57, 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, 0-22671/02:55:57-03:12:57
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



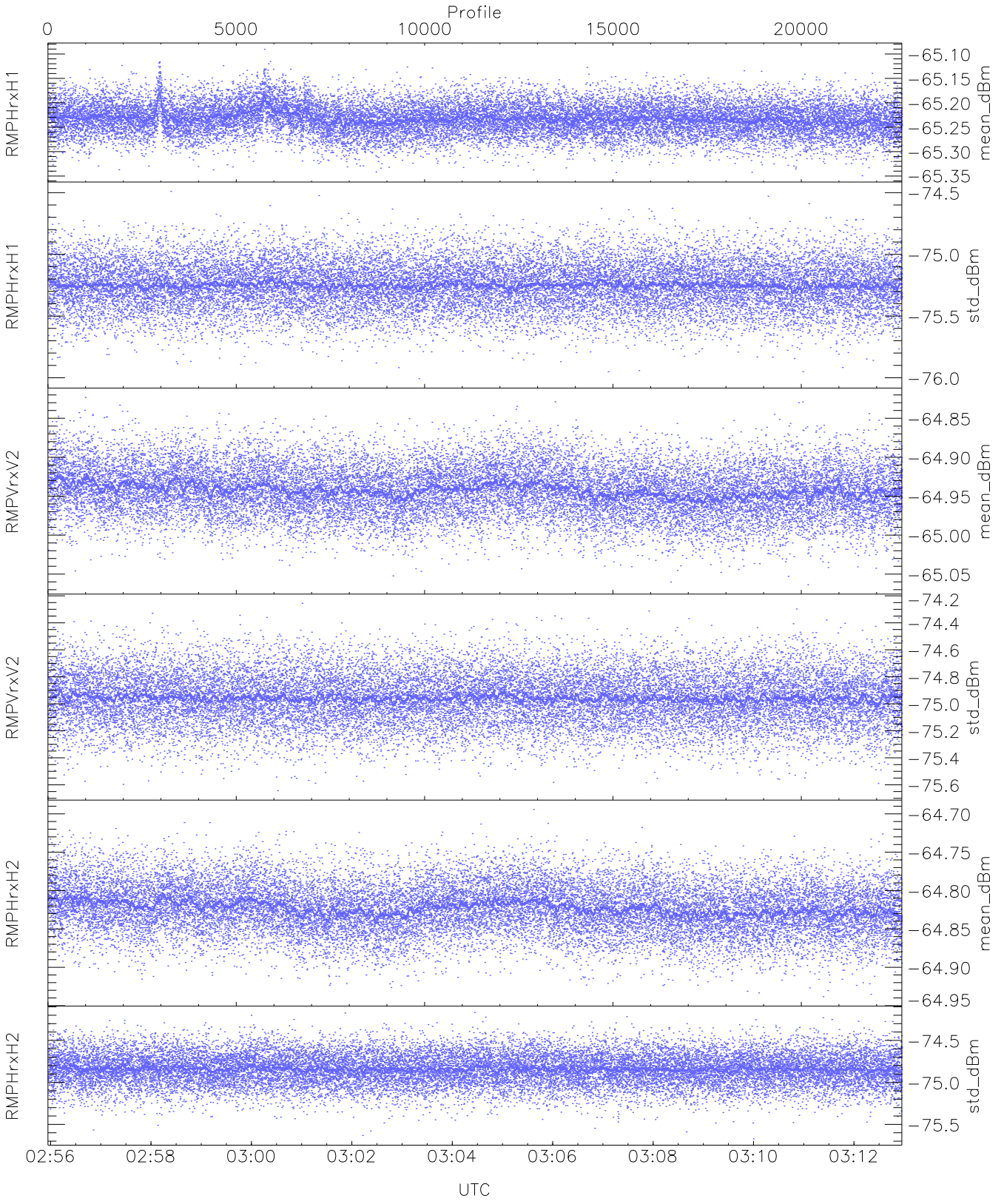
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,23,20,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,21,23,22,24
LOalarm(20,240,2817,14861 MHz): 0,0,92,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,44,44,44,22)



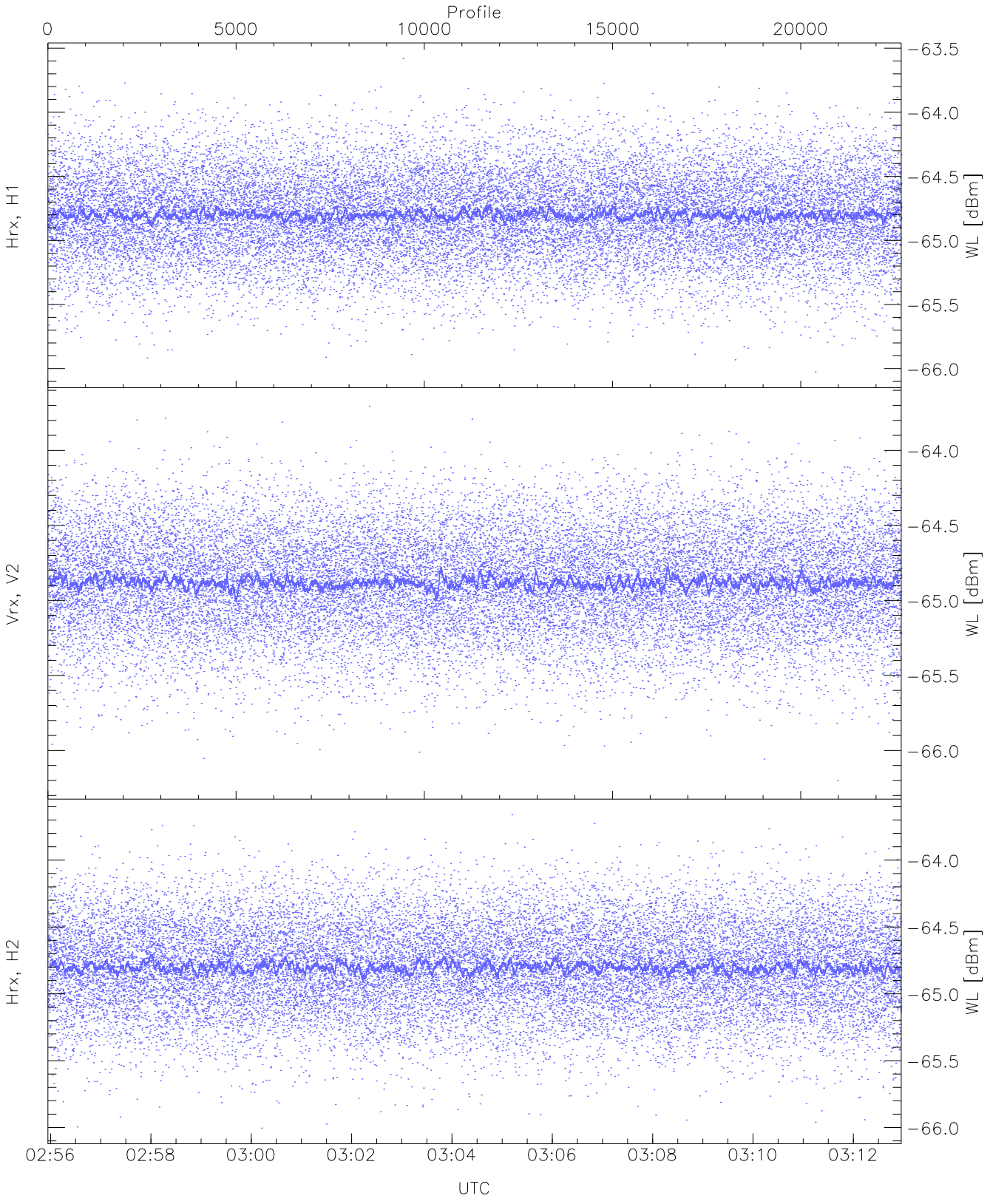
WCR3 CPP Receivers Gain and Noise Figure

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



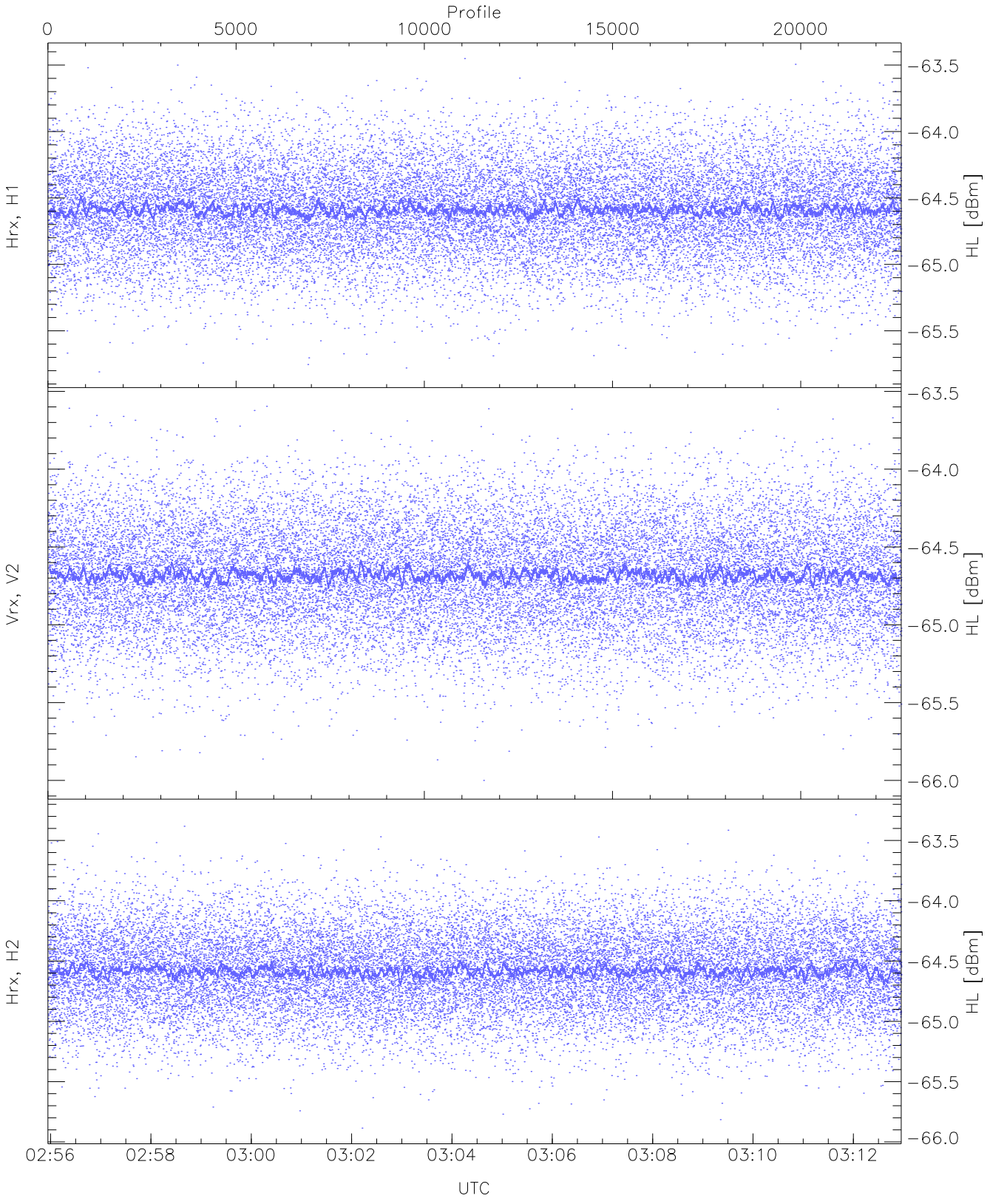
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.35	-65.09	-65.23	-65.23	-86.68
RMPHrxH1(std_dBm)	-76.01	-74.49	-75.25	-75.25	-89.03
RMPVrxV2(mean_dBm)	-65.06	-64.82	-64.94	-64.94	-86.45
RMPVrxV2(std_dBm)	-75.64	-74.26	-74.96	-74.96	-88.74
RMPHrxH2(mean_dBm)	-64.94	-64.69	-64.82	-64.82	-86.32
RMPHrxH2(std_dBm)	-75.67	-74.17	-74.84	-74.84	-88.63



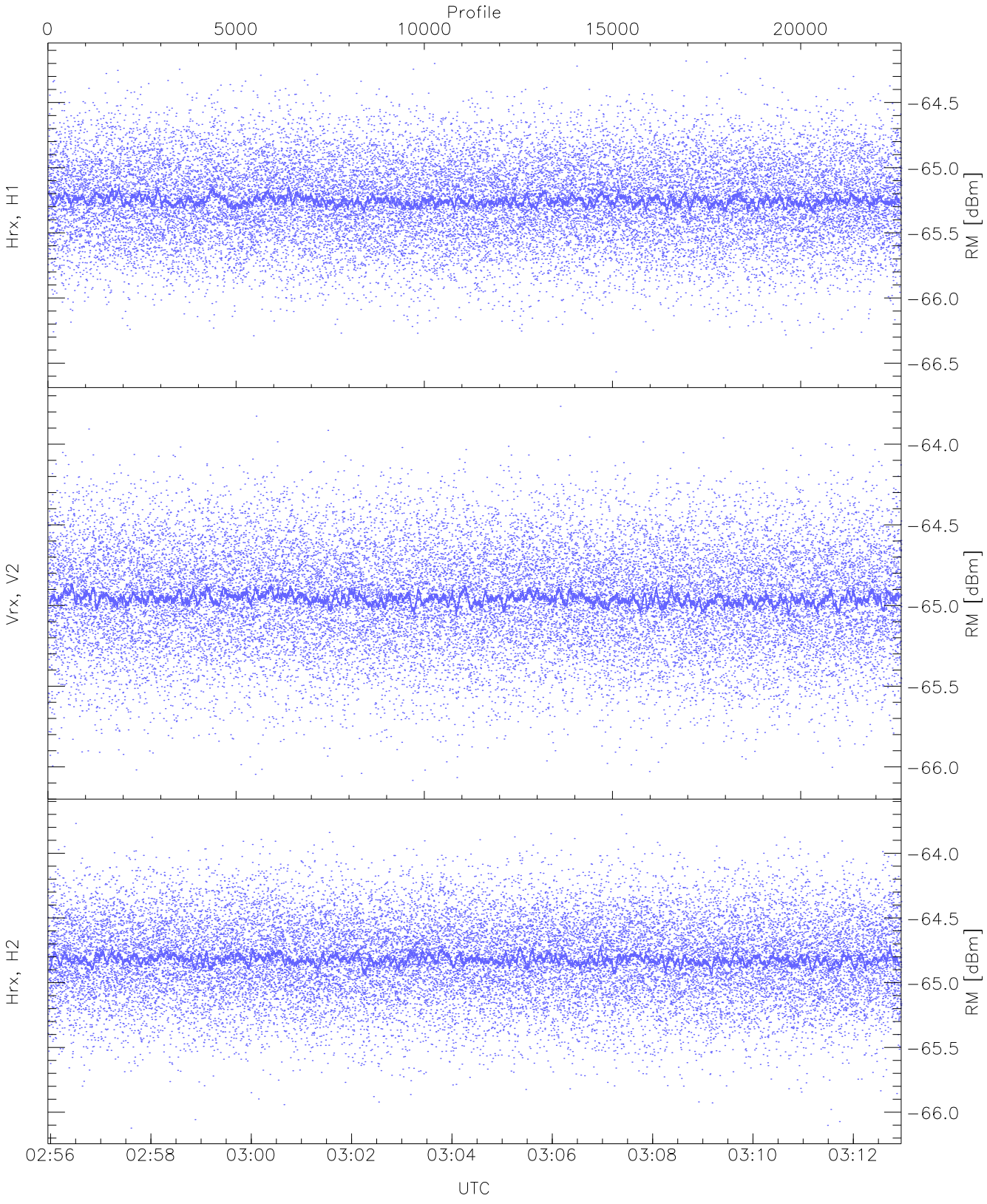
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.03	-63.58	-64.79	-64.80	-76.29
Vrx, V2(WL [dBm])	-66.20	-63.71	-64.87	-64.88	-76.40
Hrx, H2(WL [dBm])	-66.00	-63.66	-64.79	-64.80	-76.31



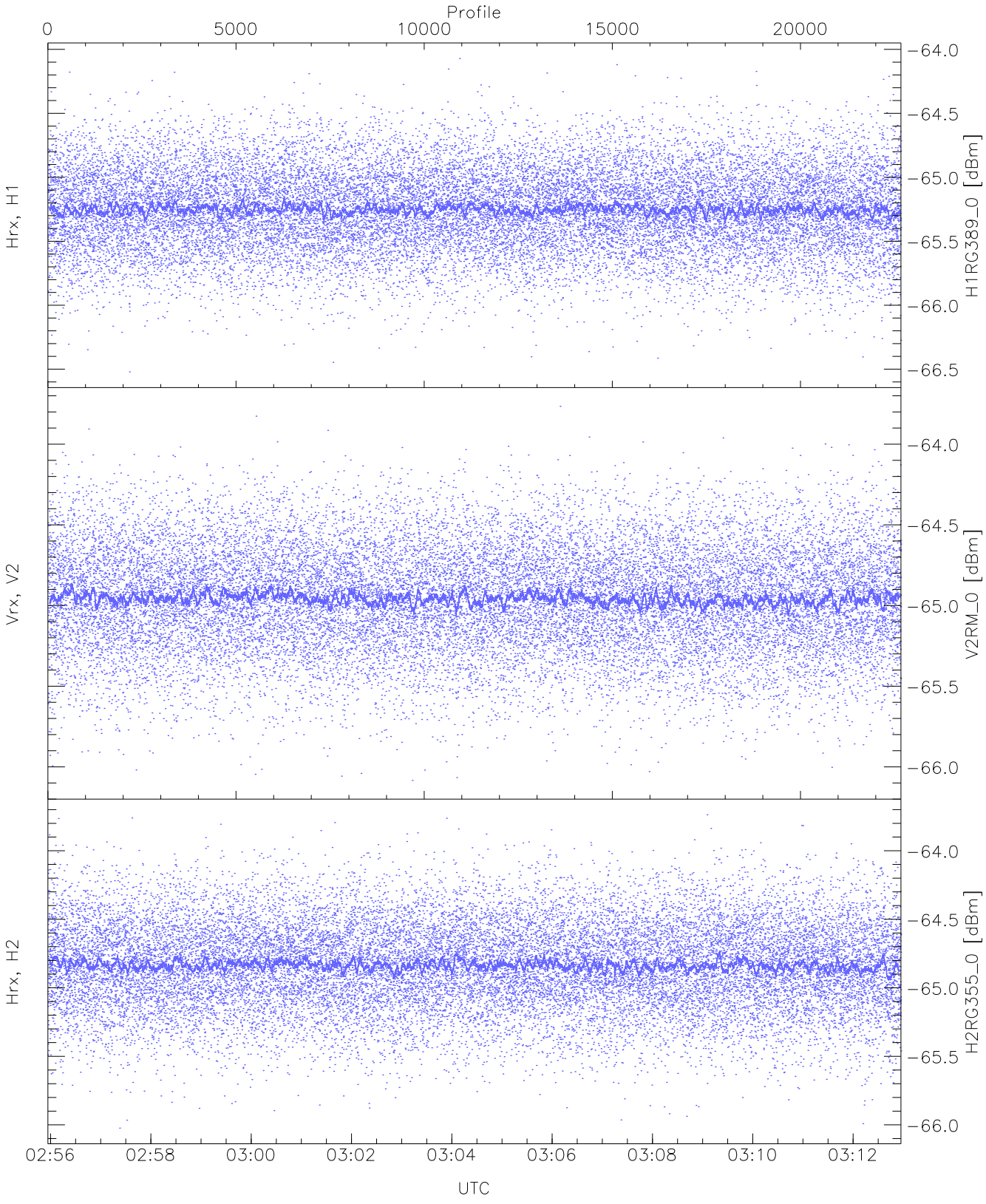
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.81	-63.45	-64.58	-64.59	-76.10
Vrx, V2(HL [dBm])	-66.00	-63.60	-64.67	-64.68	-76.17
Hrx, H2(HL [dBm])	-65.89	-63.29	-64.58	-64.58	-76.04



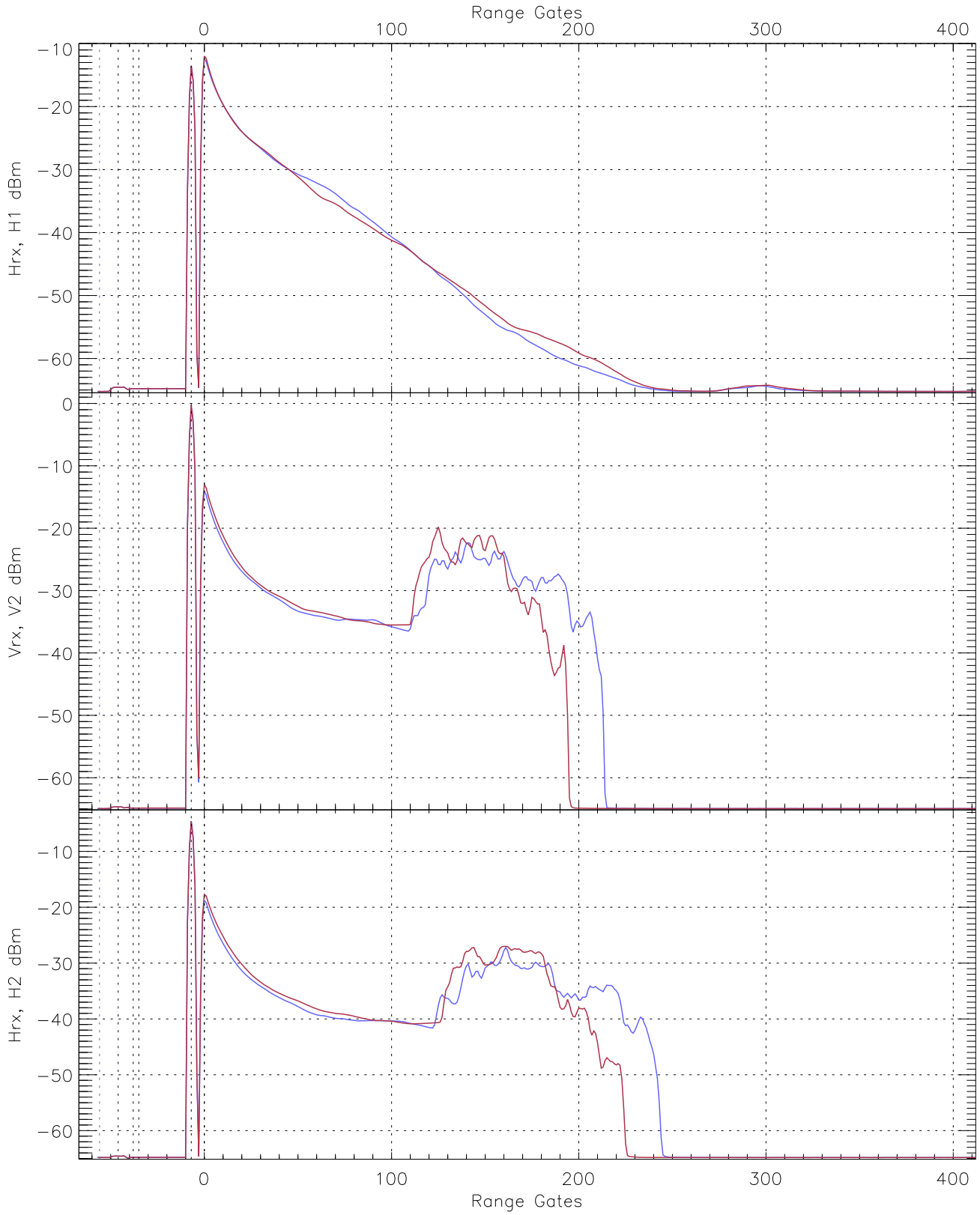
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.57	-64.16	-65.24	-65.25	-76.78
Vrx, V2(RM [dBm])	-66.08	-63.77	-64.95	-64.95	-76.46
Hrx, H2(RM [dBm])	-66.12	-63.70	-64.81	-64.82	-76.32

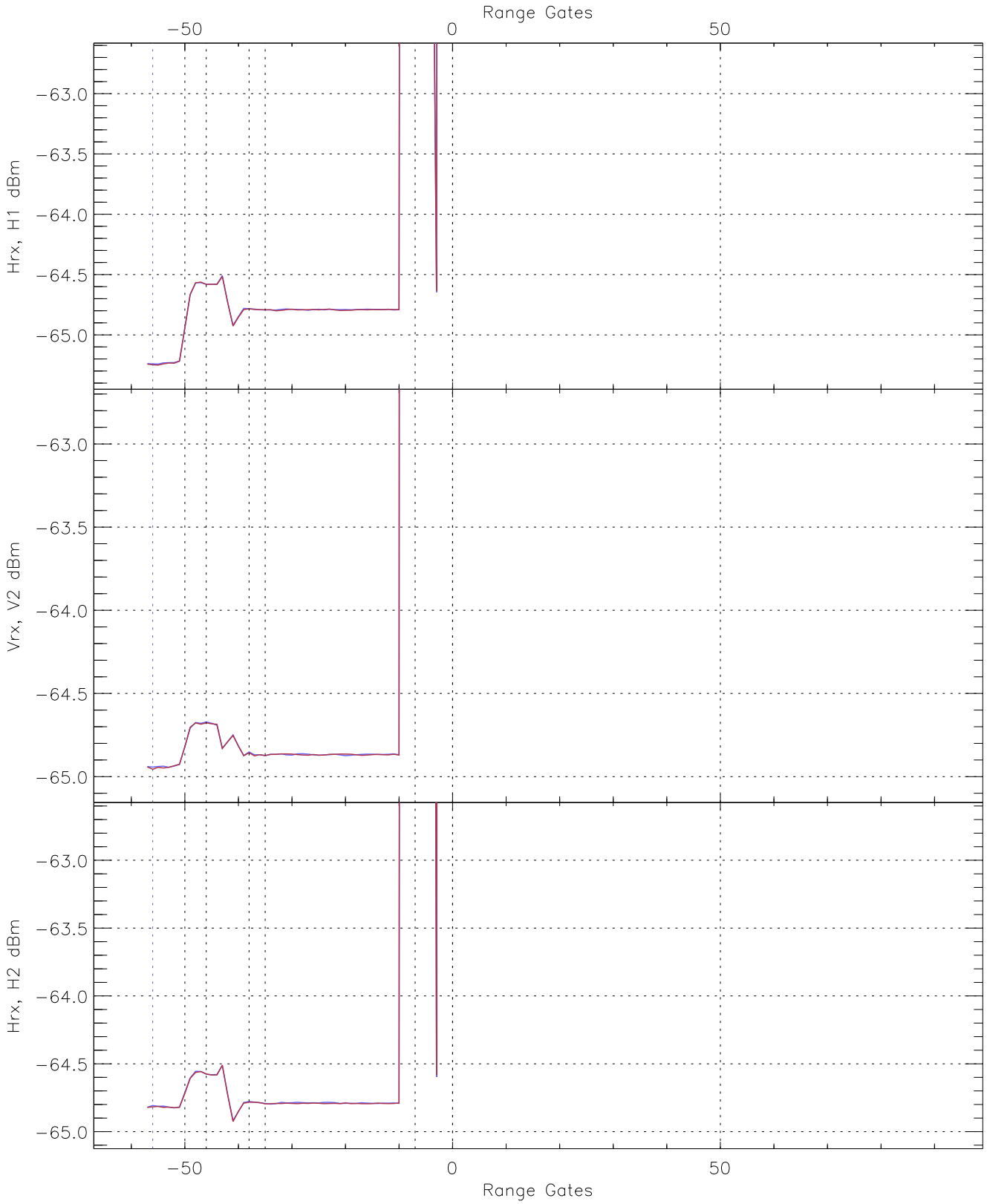


WCR3 CPP "Best" estimate Receivers Noise Power

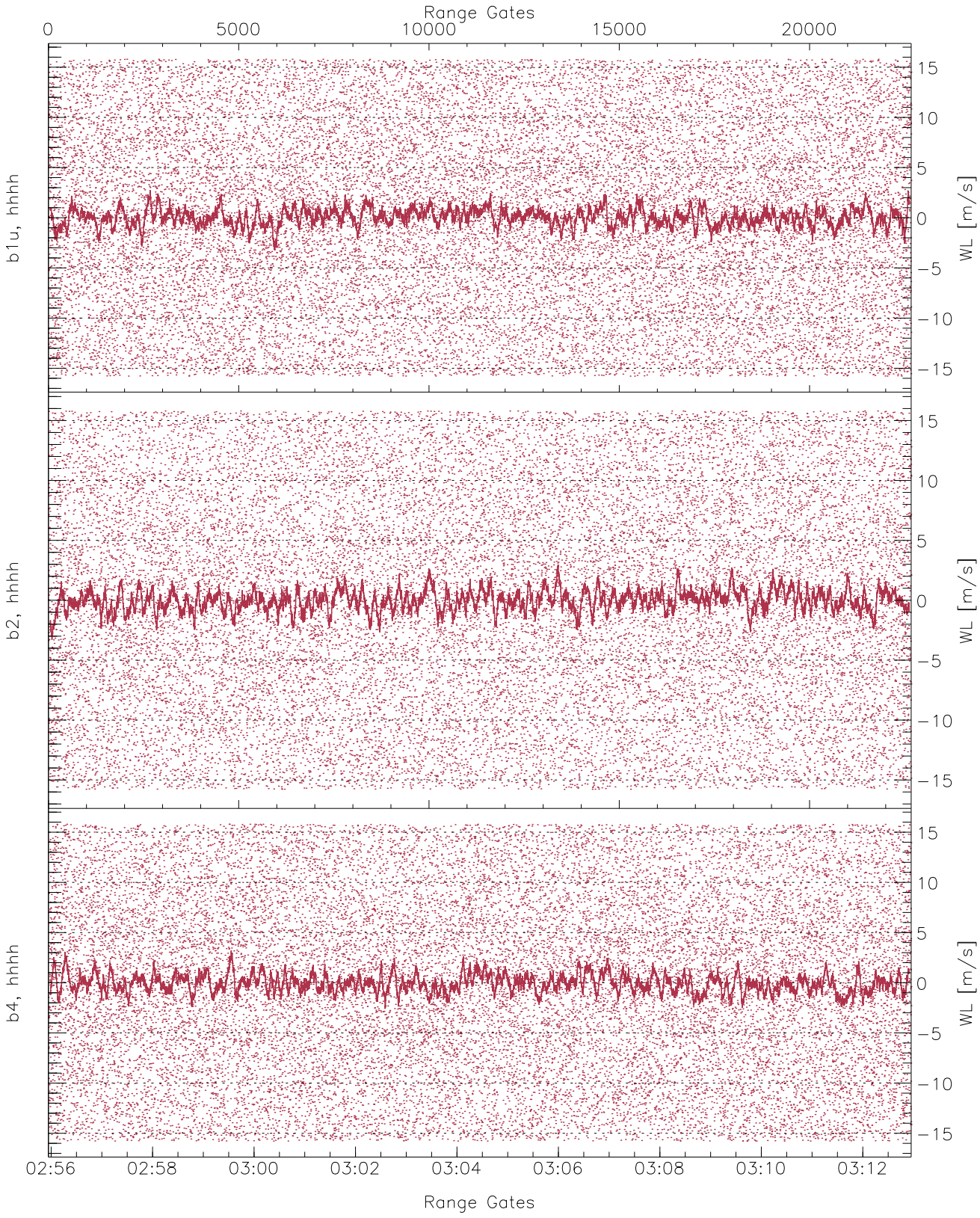
	Min	Max	Mean	Median	StDev
H1RG389_0 [dBm]	-66.52	-64.07	-65.24	-65.25	-76.76
V2RM_0 [dBm]	-66.08	-63.77	-64.95	-64.95	-76.46
H2RG355_0 [dBm]	-66.02	-63.74	-64.83	-64.84	-76.38



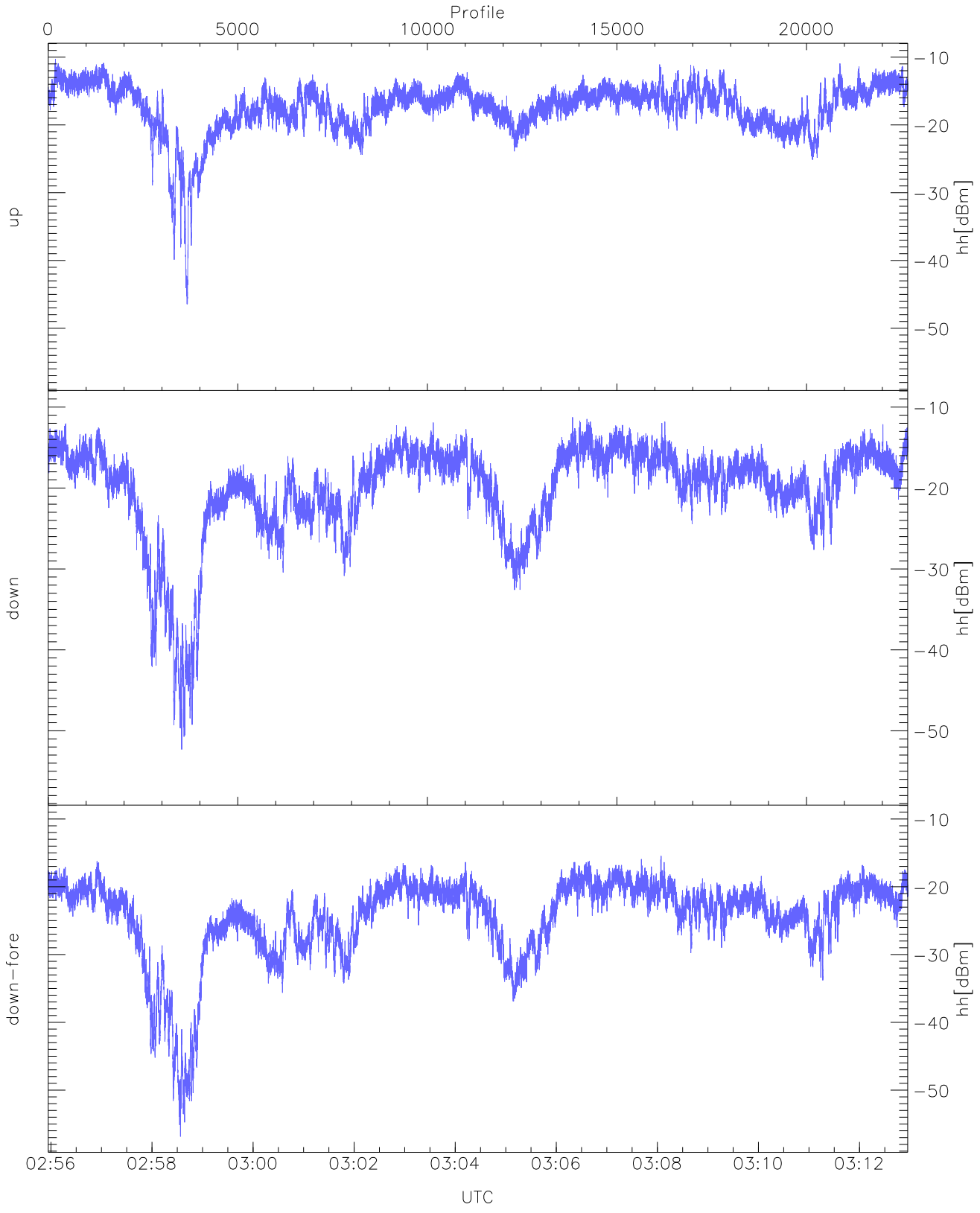
WCR3 CPP Averaged Received power for all recorded gates
blue: 025557-030427, 11337 profiles averaged
red: 030427-031257, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 025557-030427, 11337 profiles averaged
red: 030427-031257, 11336 profiles averaged

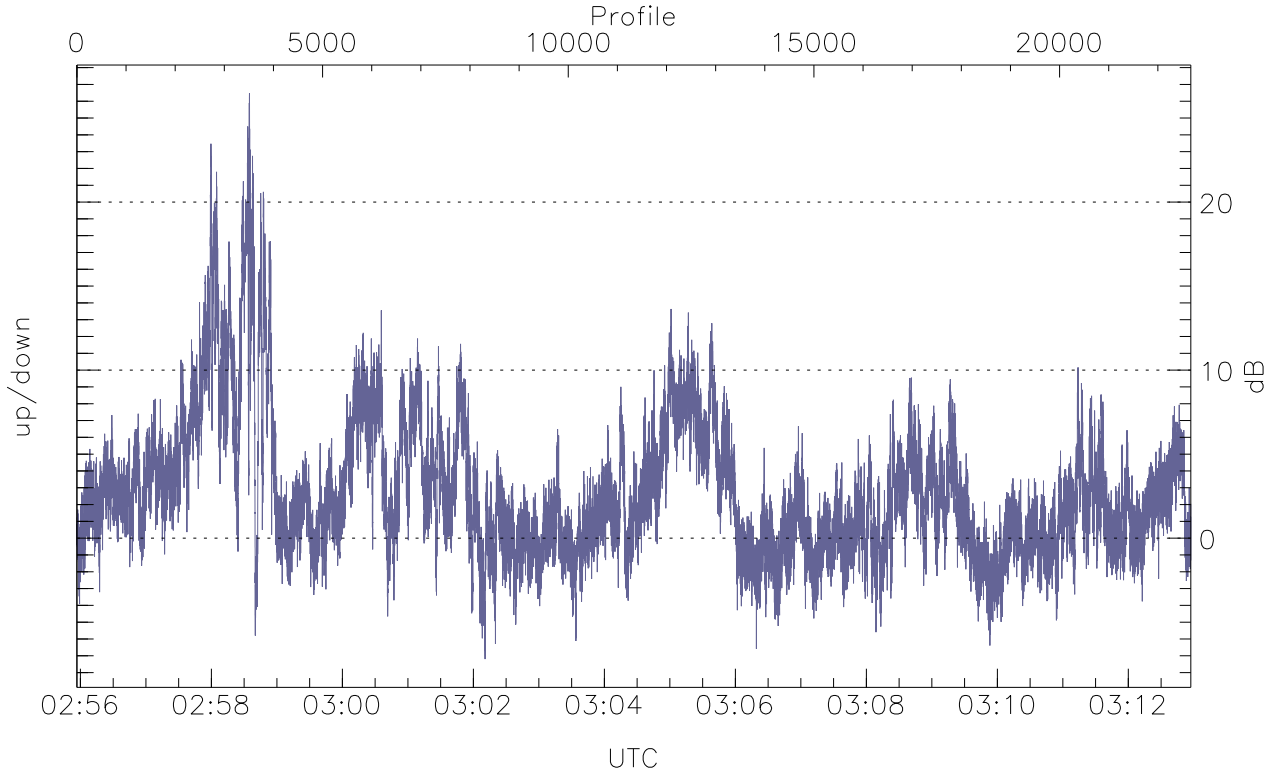


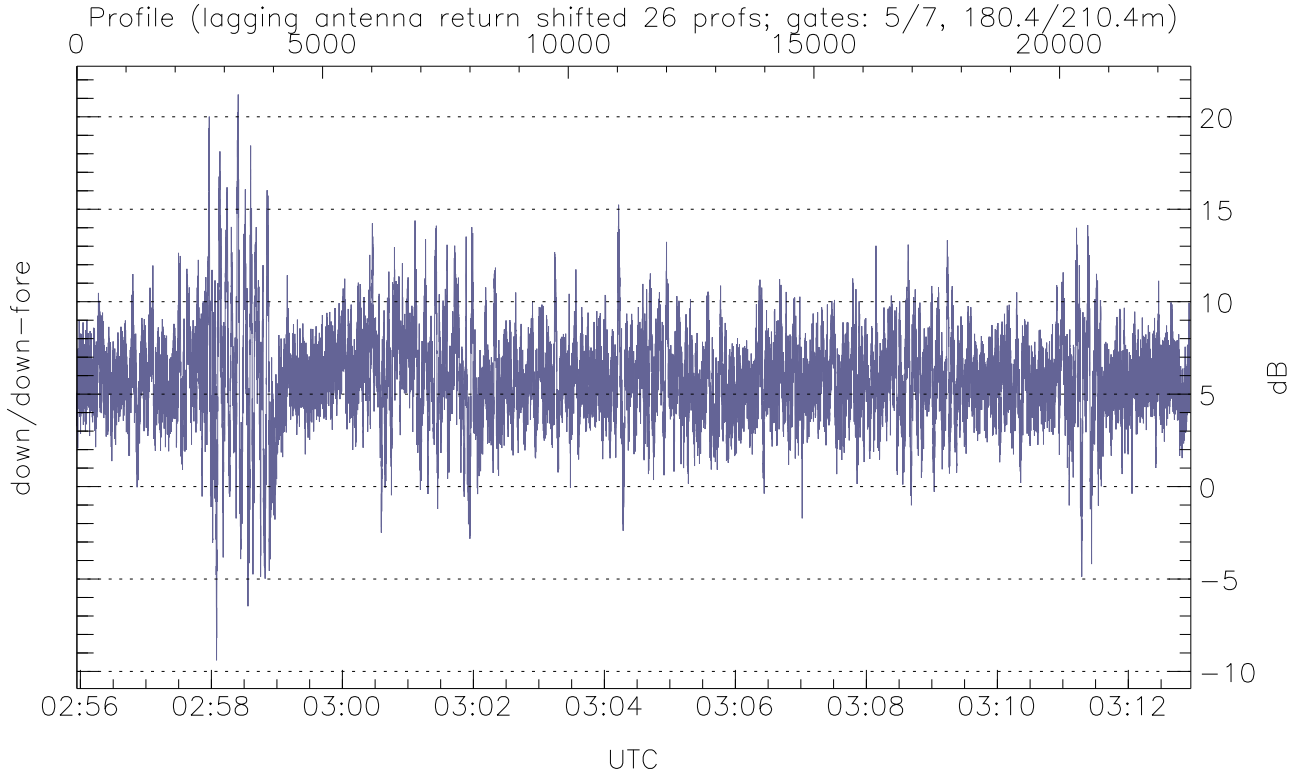
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

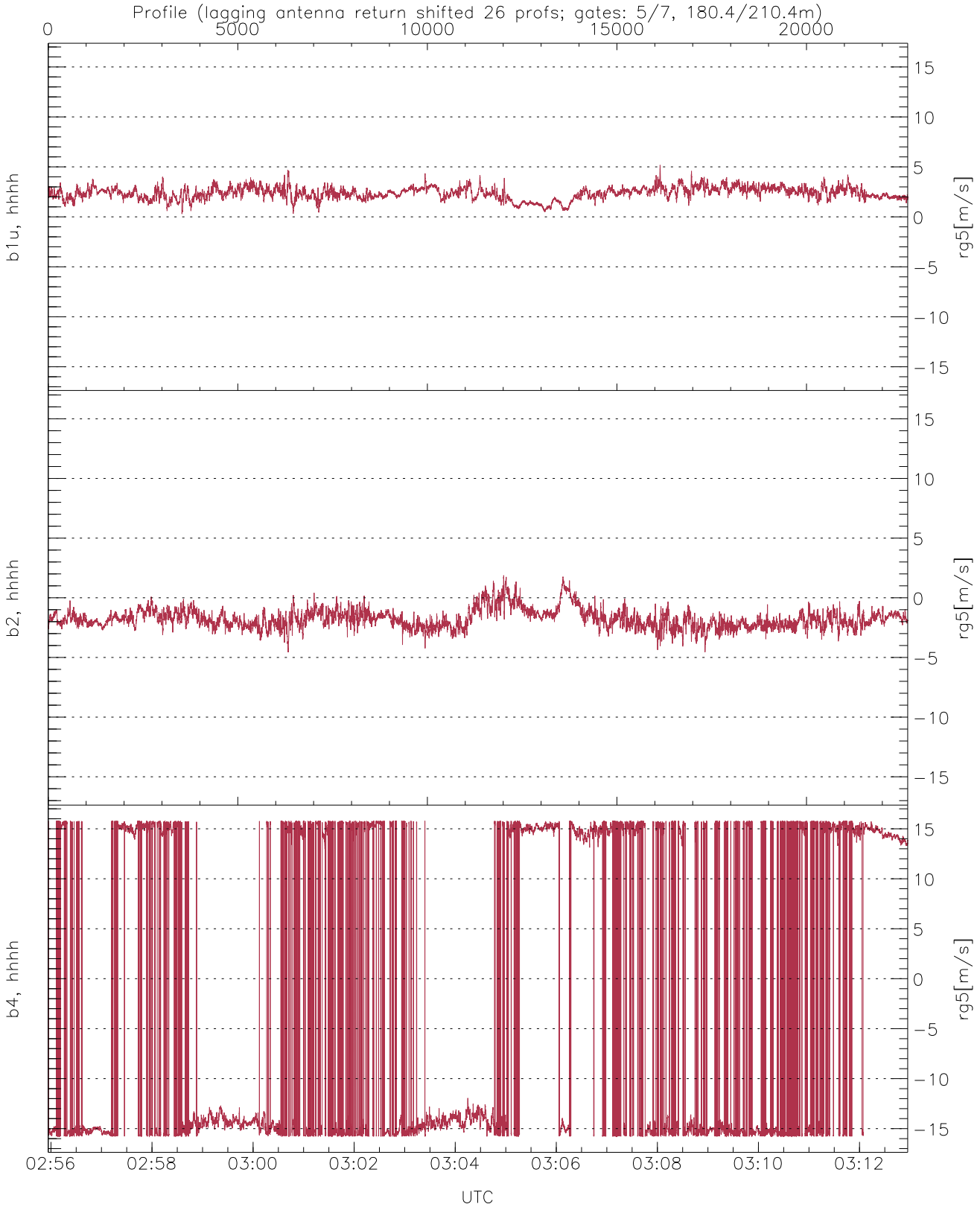
	Min	Max	Mean
up(hh[dBm])	-46.44	-10.27	-16.42
down(hh[dBm])	-52.31	-11.26	-18.08
down-fore(hh[dBm])	-56.85	-15.46	-22.35





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

	Min	Max	Mean
up/down(dB)	-7.19	26.47	2.76
down/down-fore(dB)	-9.40	21.21	5.86



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.29	5.18	2.36	0.62
b2, hhhh(rg5[m/s])	-4.56	1.88	-1.75	0.80
b4, hhhh(rg5[m/s])	-15.79	15.79	-1.46	14.97