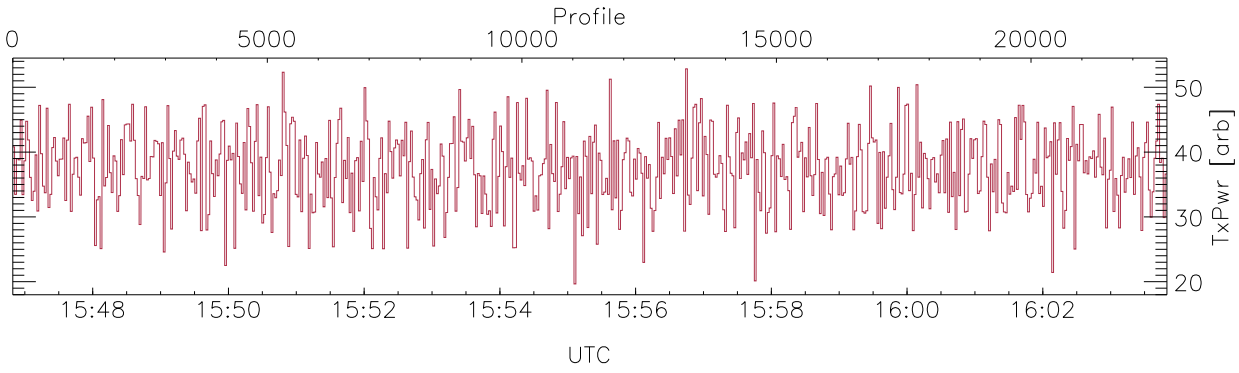
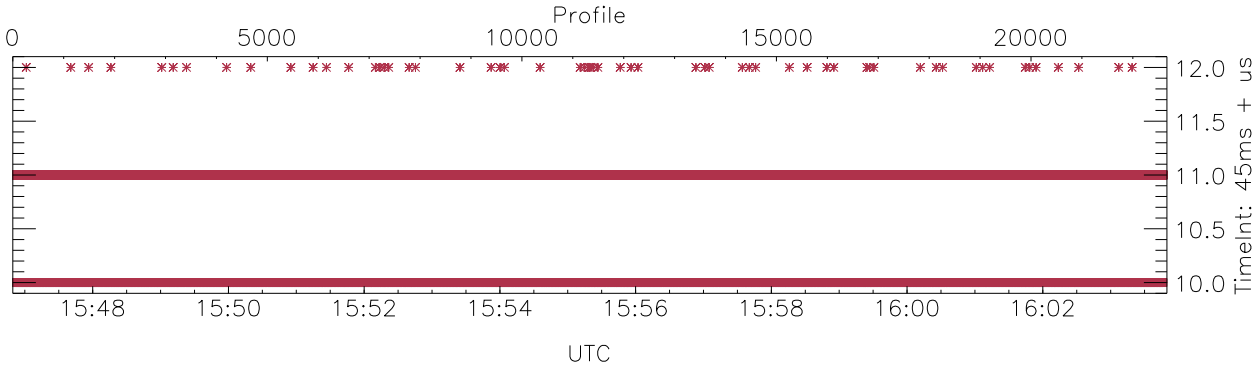
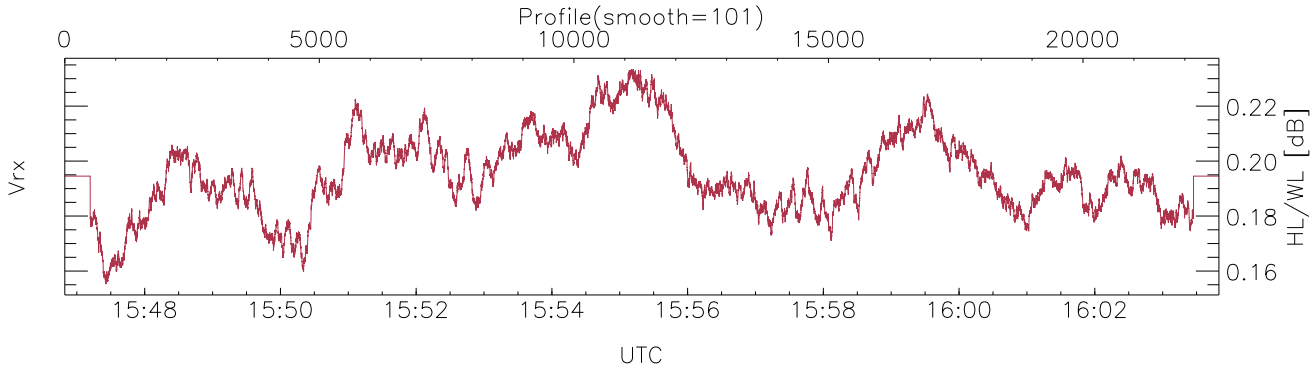
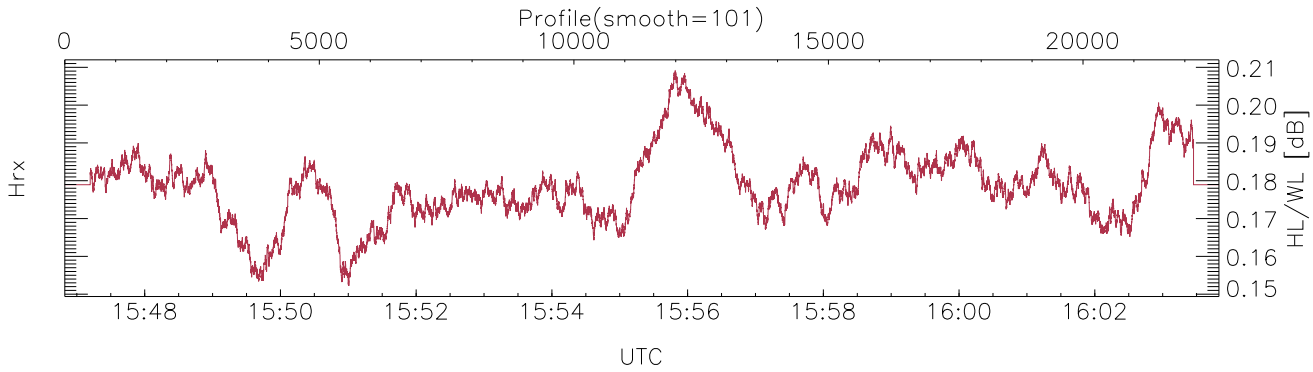


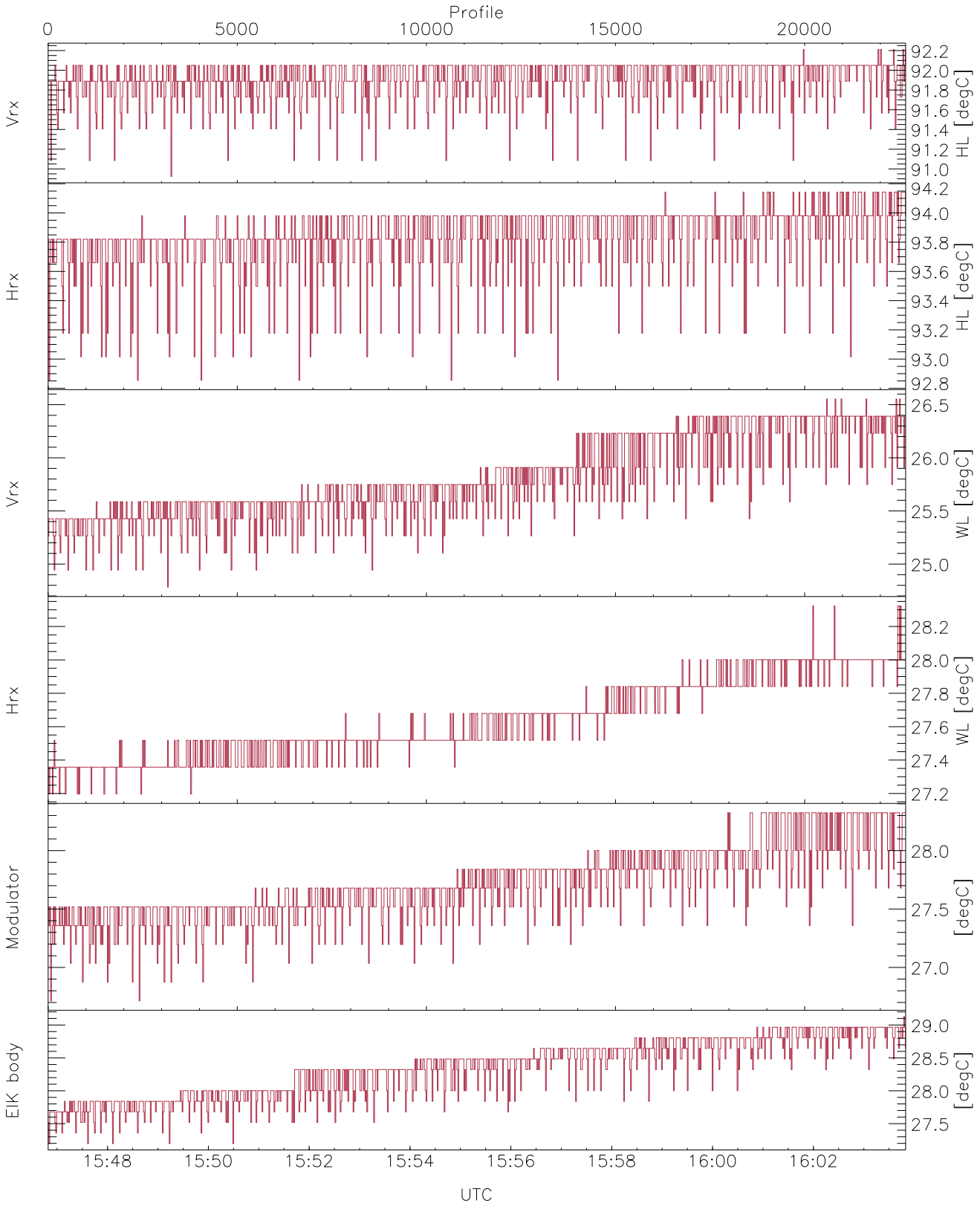






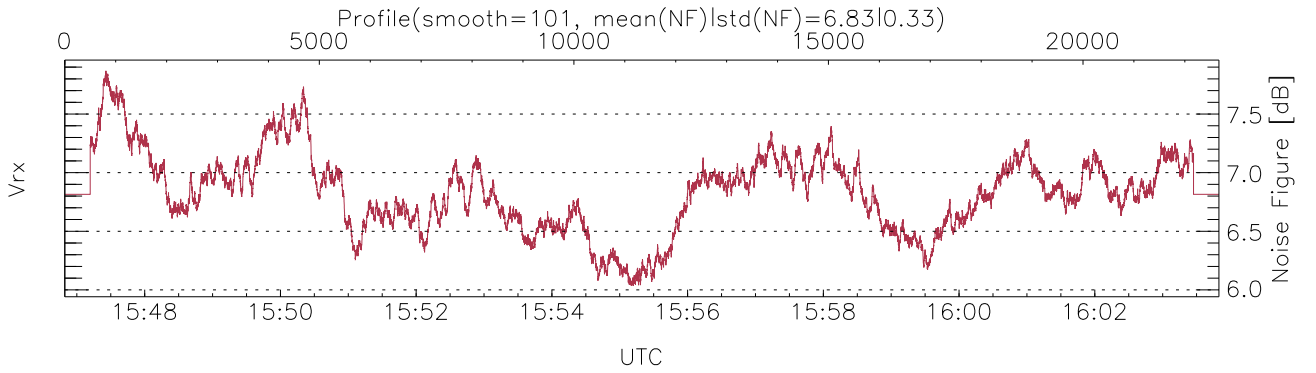
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

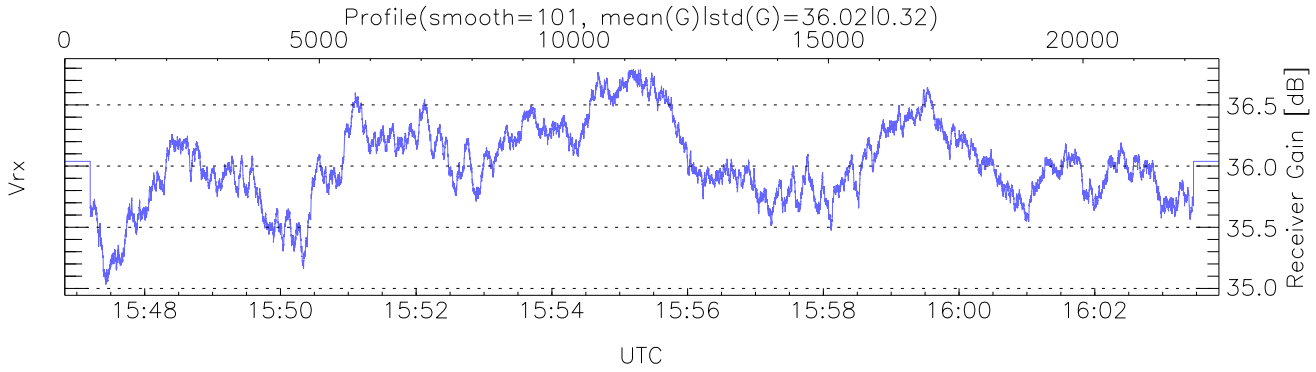
UTC: 15:46:49-16:03:50, TimeCor: 0.00s, Dur: 1020.45s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 22672/22672, 0-22671/15:46:49-16:03:50
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

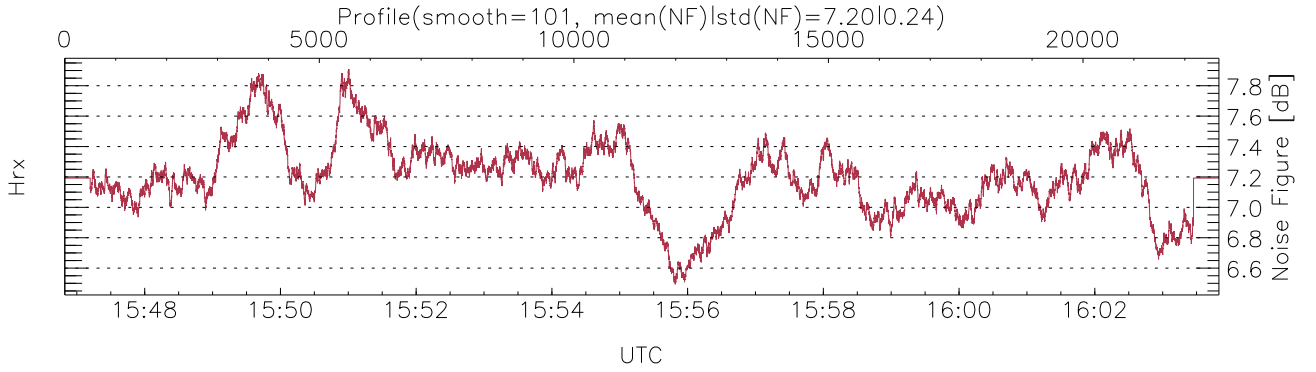


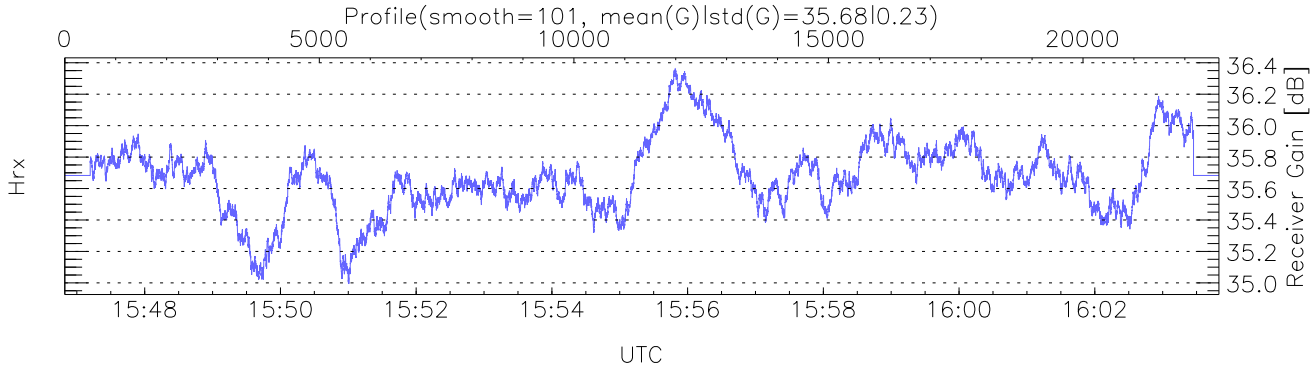
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,27,26,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,26,28,28,29
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22)



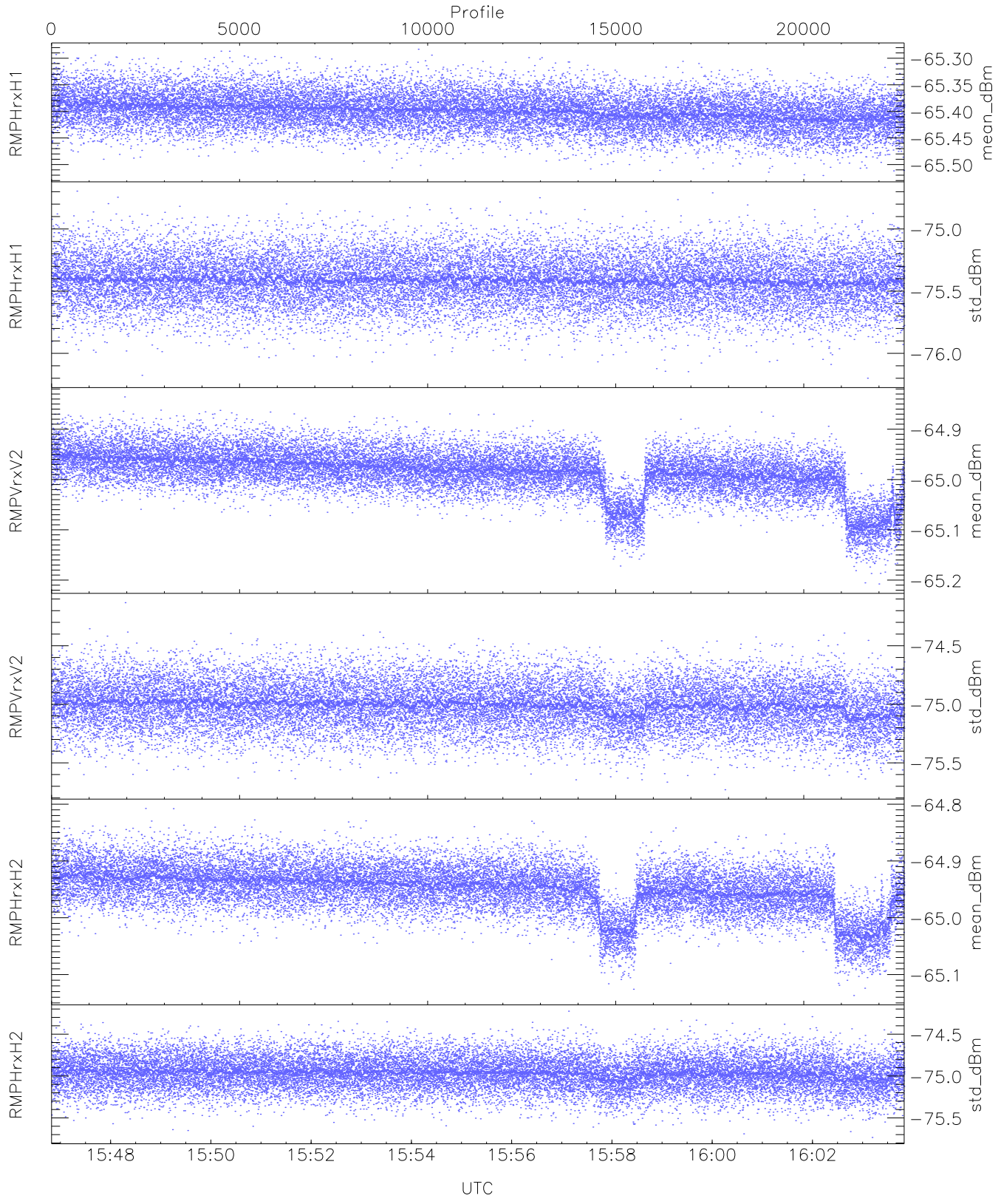






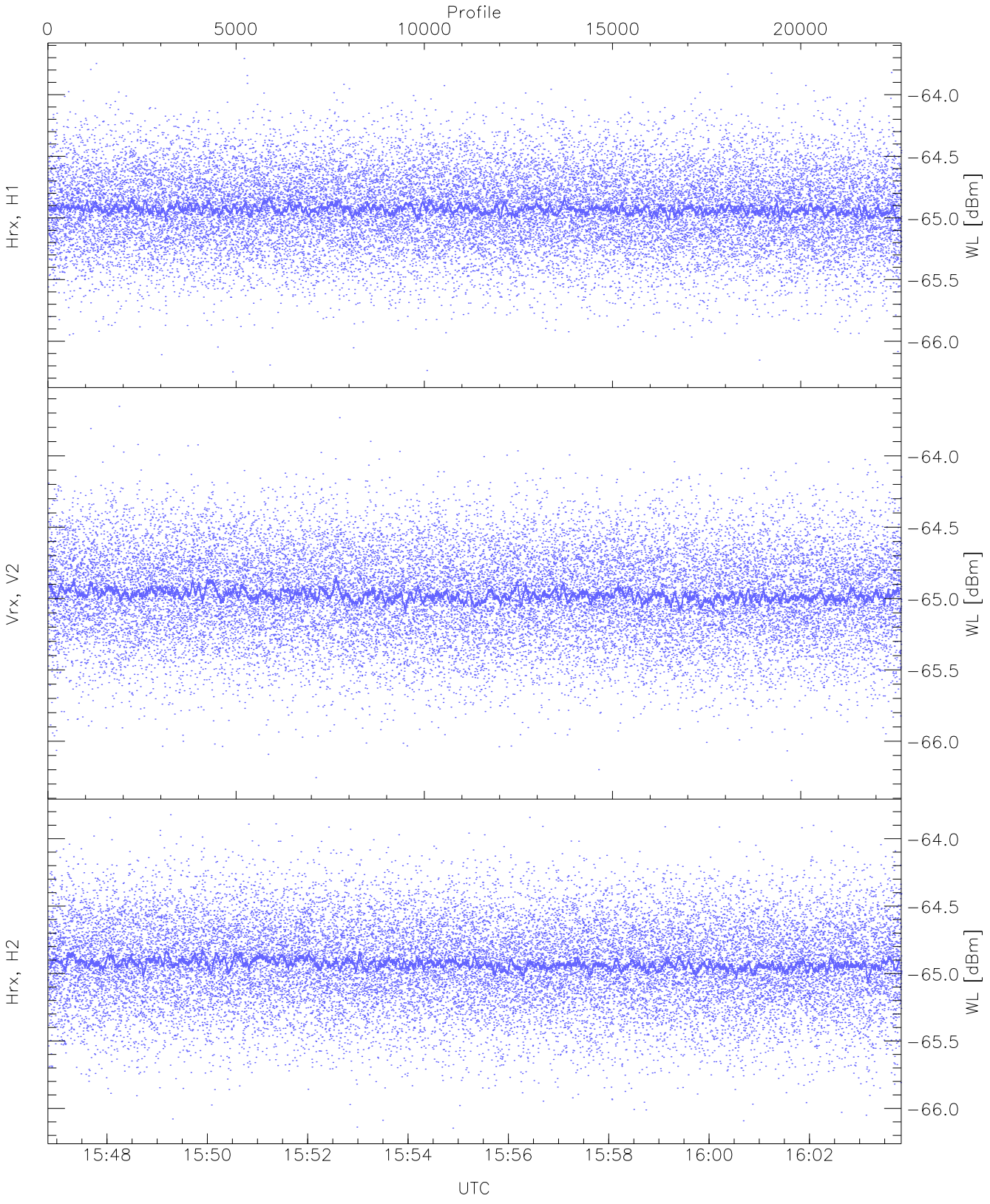
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 1156 pixs, 1 gates, 1156 profs, 1 prod(s)



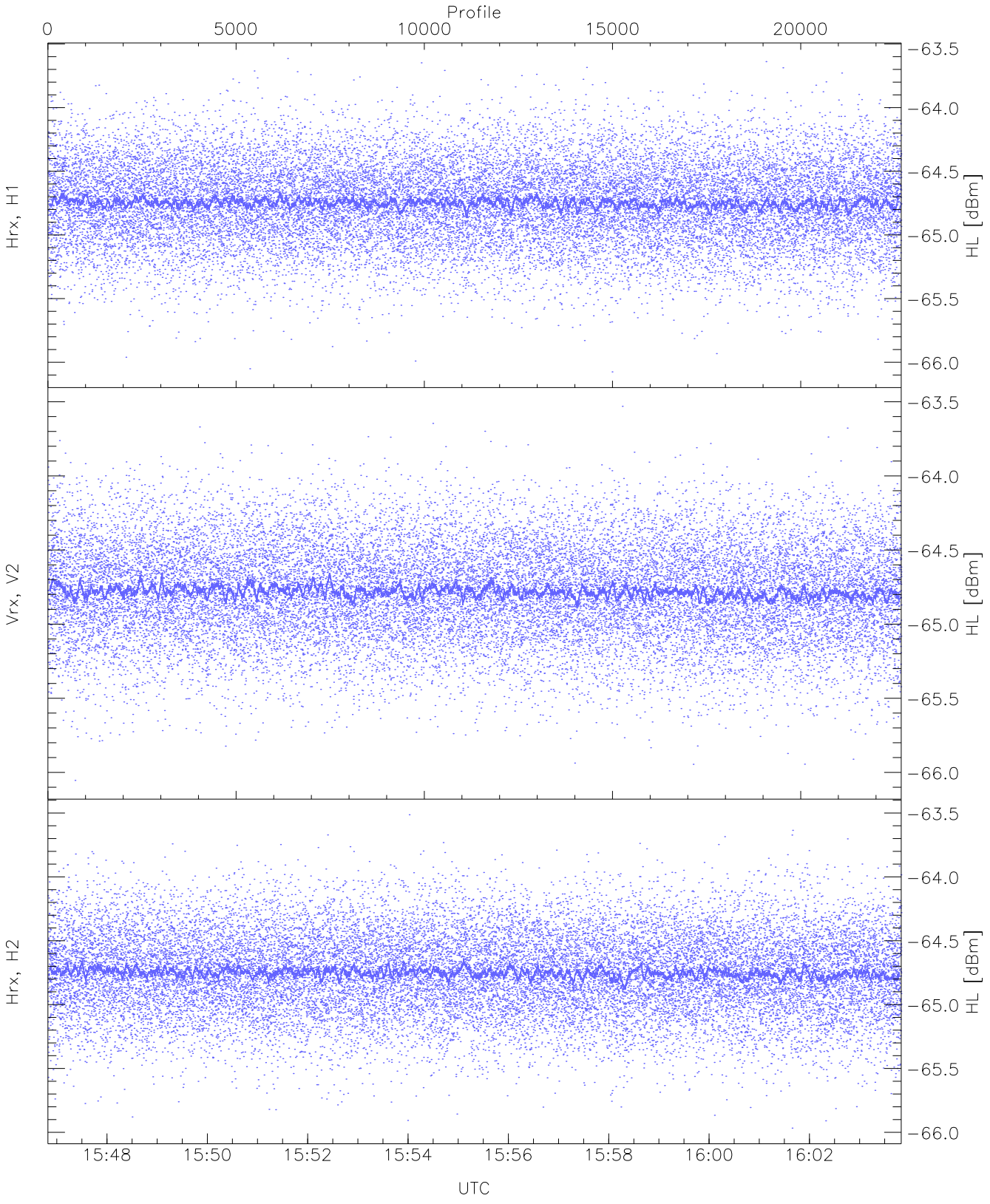
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.52	-65.28	-65.40	-65.40	-86.83
RMPHrxH1(std_dBm)	-76.20	-74.70	-75.41	-75.42	-89.19
RMPVrxV2(mean_dBm)	-65.21	-64.84	-64.99	-64.98	-84.72
RMPVrxV2(std_dBm)	-75.73	-74.13	-75.01	-75.01	-88.70
RMPHrxH2(mean_dBm)	-65.14	-64.81	-64.95	-64.95	-85.18
RMPHrxH2(std_dBm)	-75.73	-74.23	-74.97	-74.97	-88.73



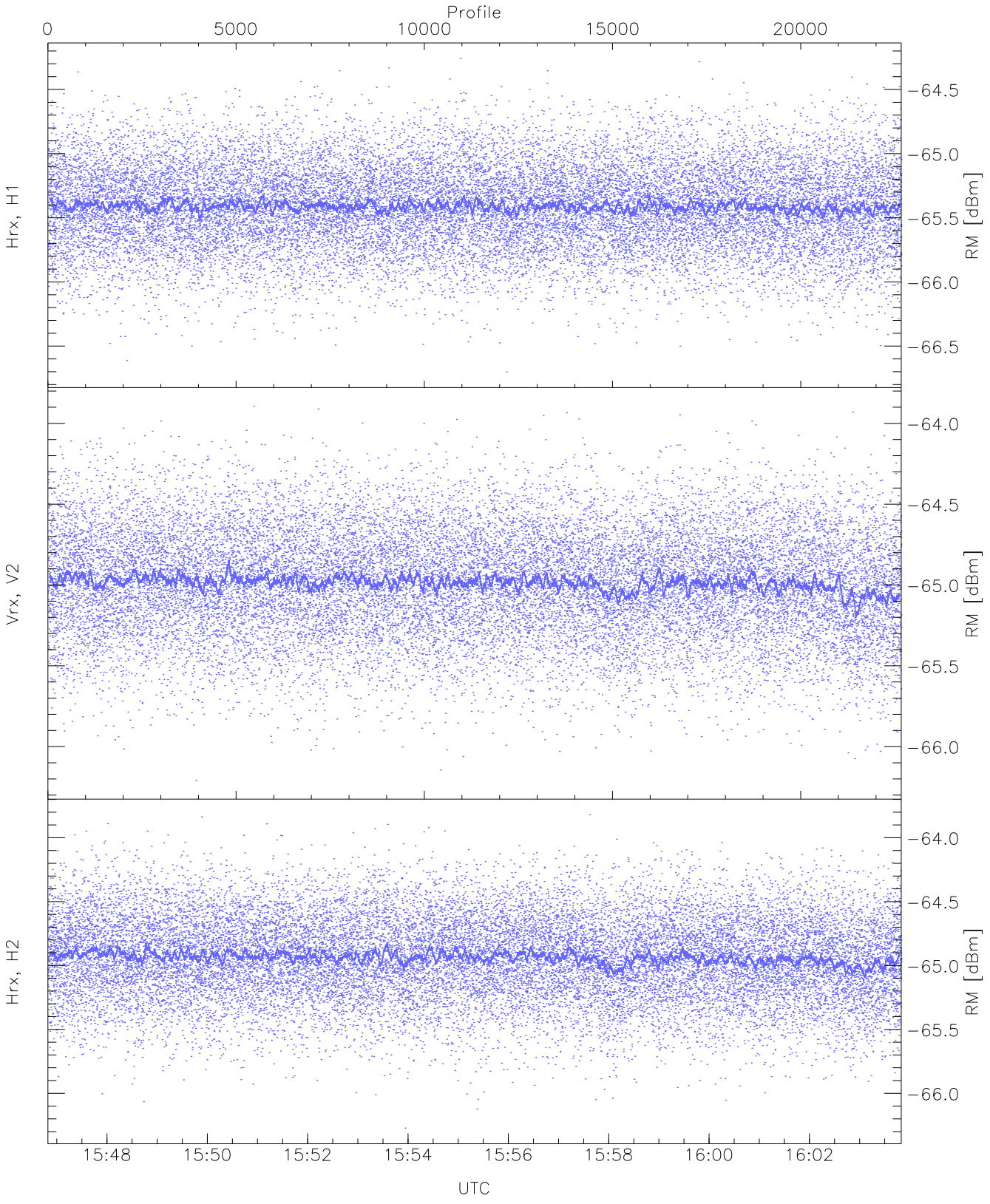
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.25	-63.71	-64.92	-64.93	-76.41
Vrx, V2(WL [dBm])	-66.27	-63.65	-64.97	-64.98	-76.49
Hrx, H2(WL [dBm])	-66.15	-63.82	-64.92	-64.93	-76.43



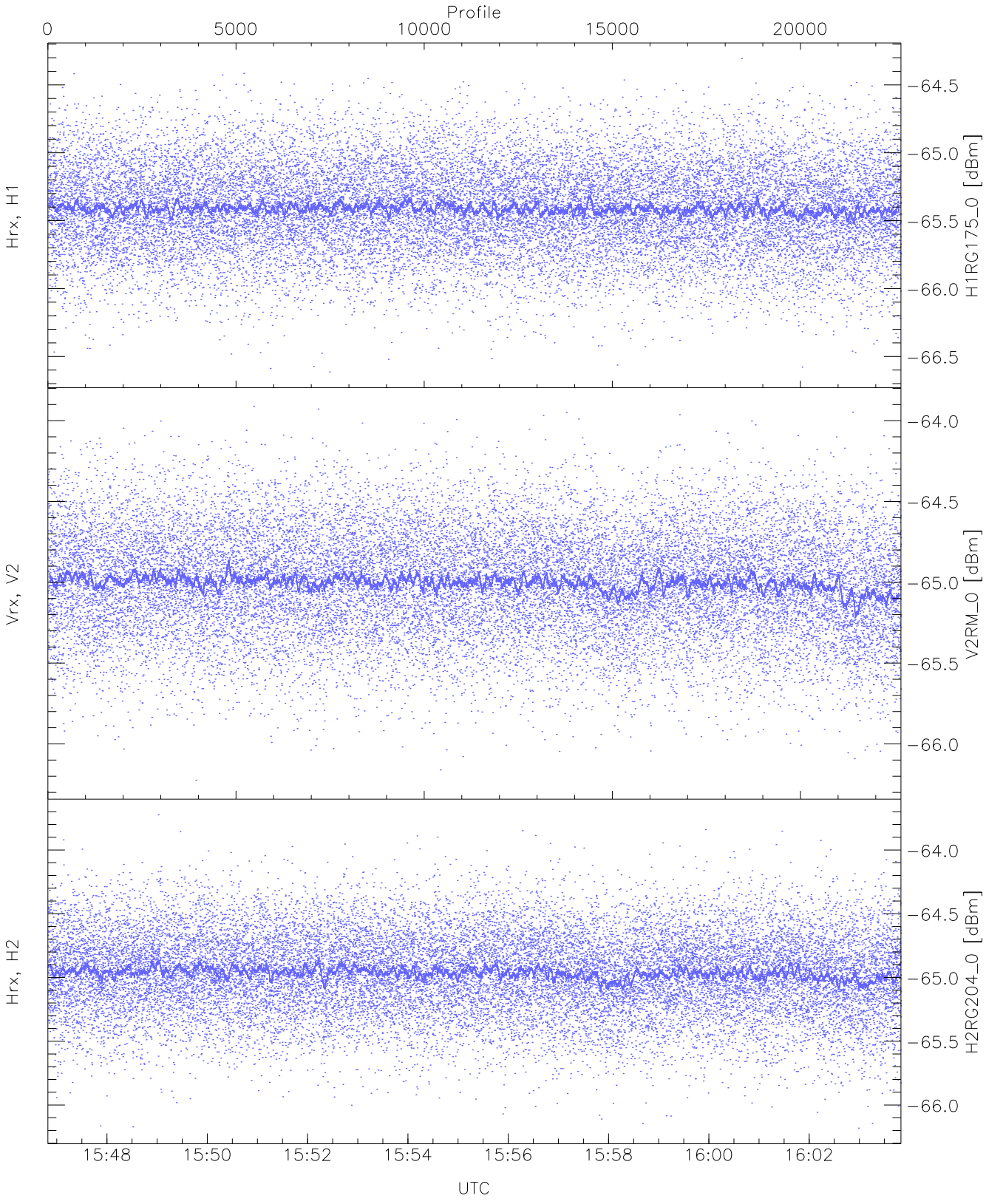
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.08	-63.61	-64.74	-64.75	-76.27
Vrx, V2(HL [dBm])	-66.05	-63.53	-64.77	-64.78	-76.27
Hrx, H2(HL [dBm])	-65.97	-63.51	-64.74	-64.75	-76.25



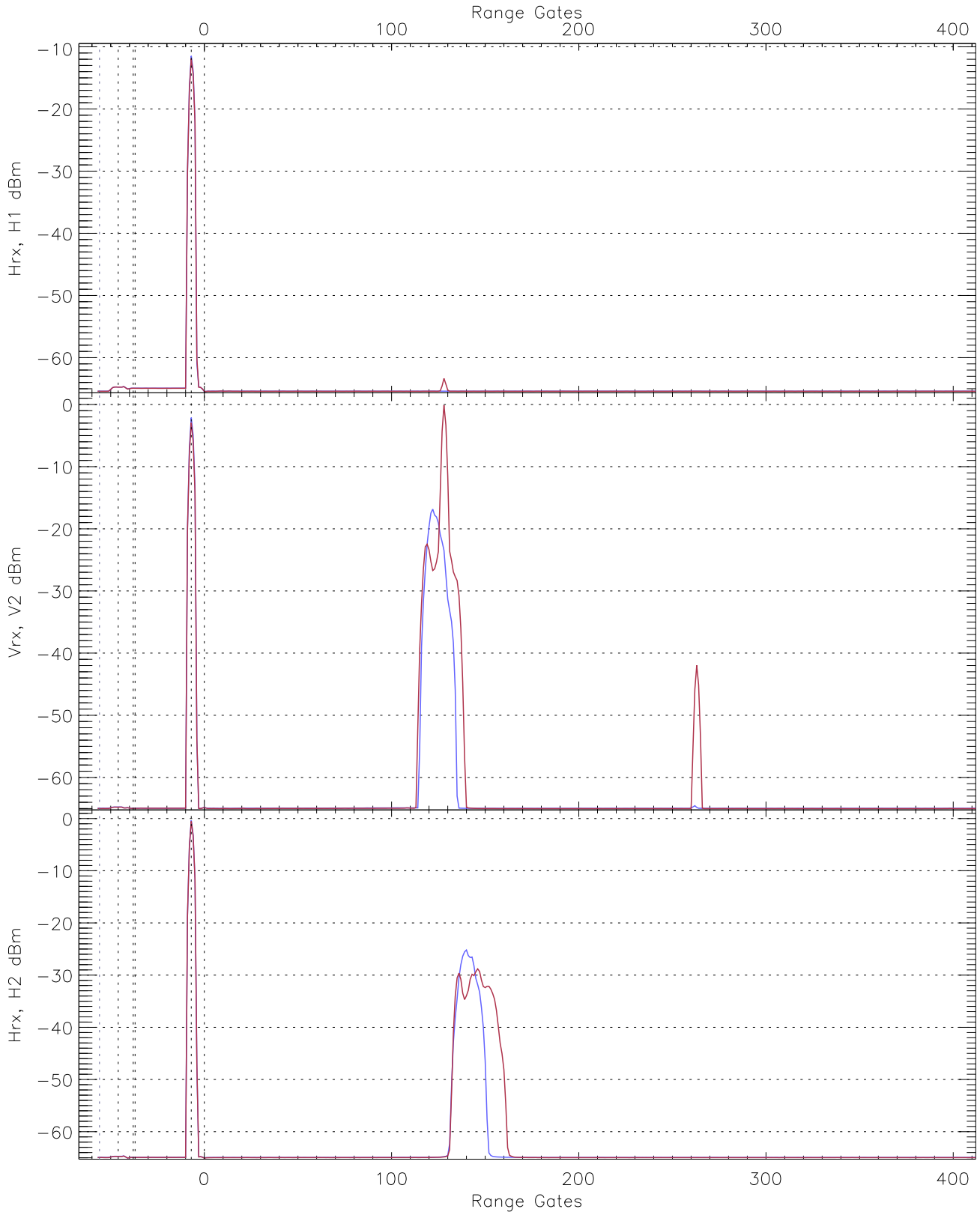
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.70	-64.26	-65.40	-65.41	-76.88
Vrx, V2(RM [dBm])	-66.21	-63.89	-64.98	-64.99	-76.46
Hrx, H2(RM [dBm])	-66.27	-63.82	-64.93	-64.94	-76.42

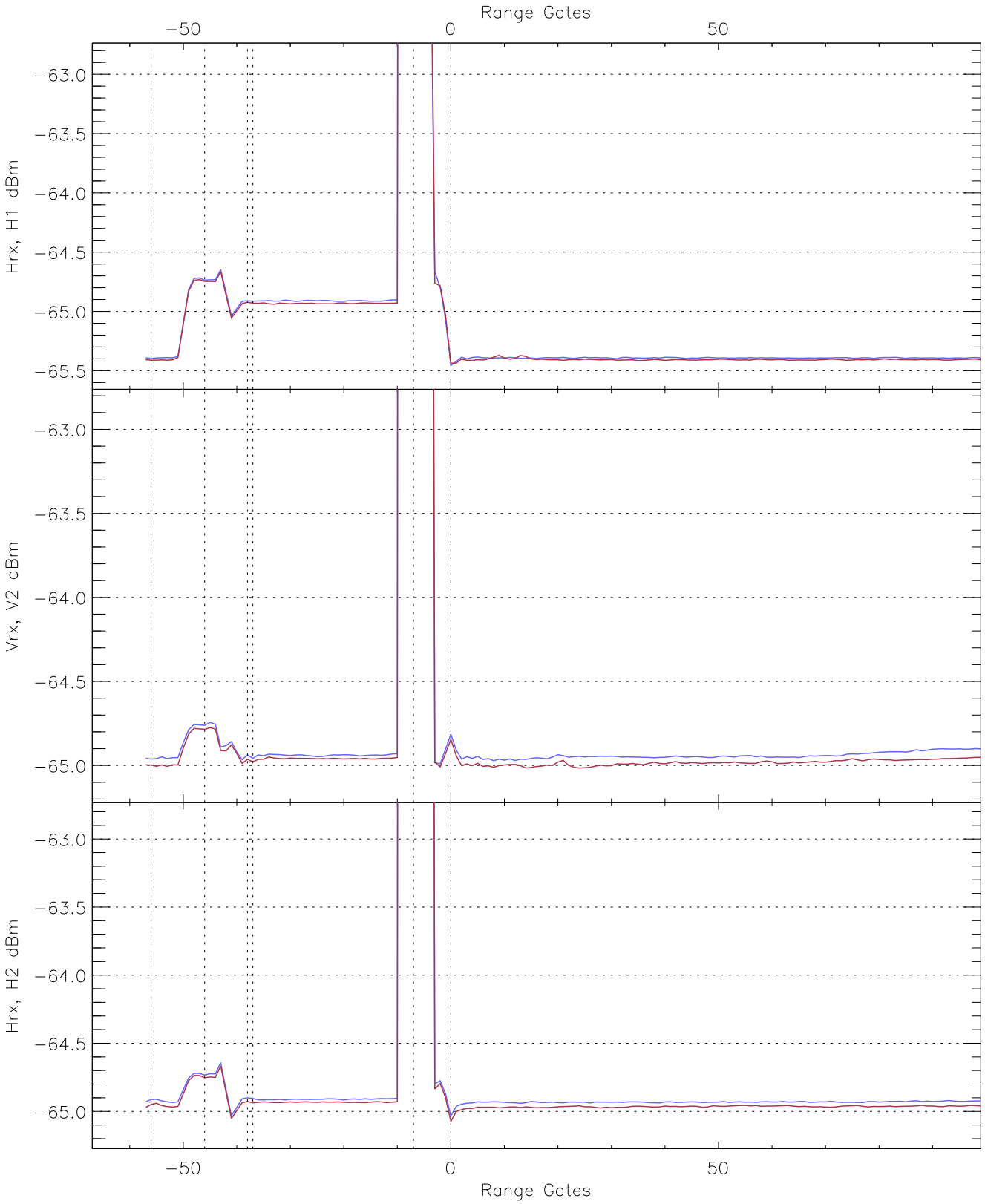


WCR3 CPP "Best" estimate Receivers Noise Power

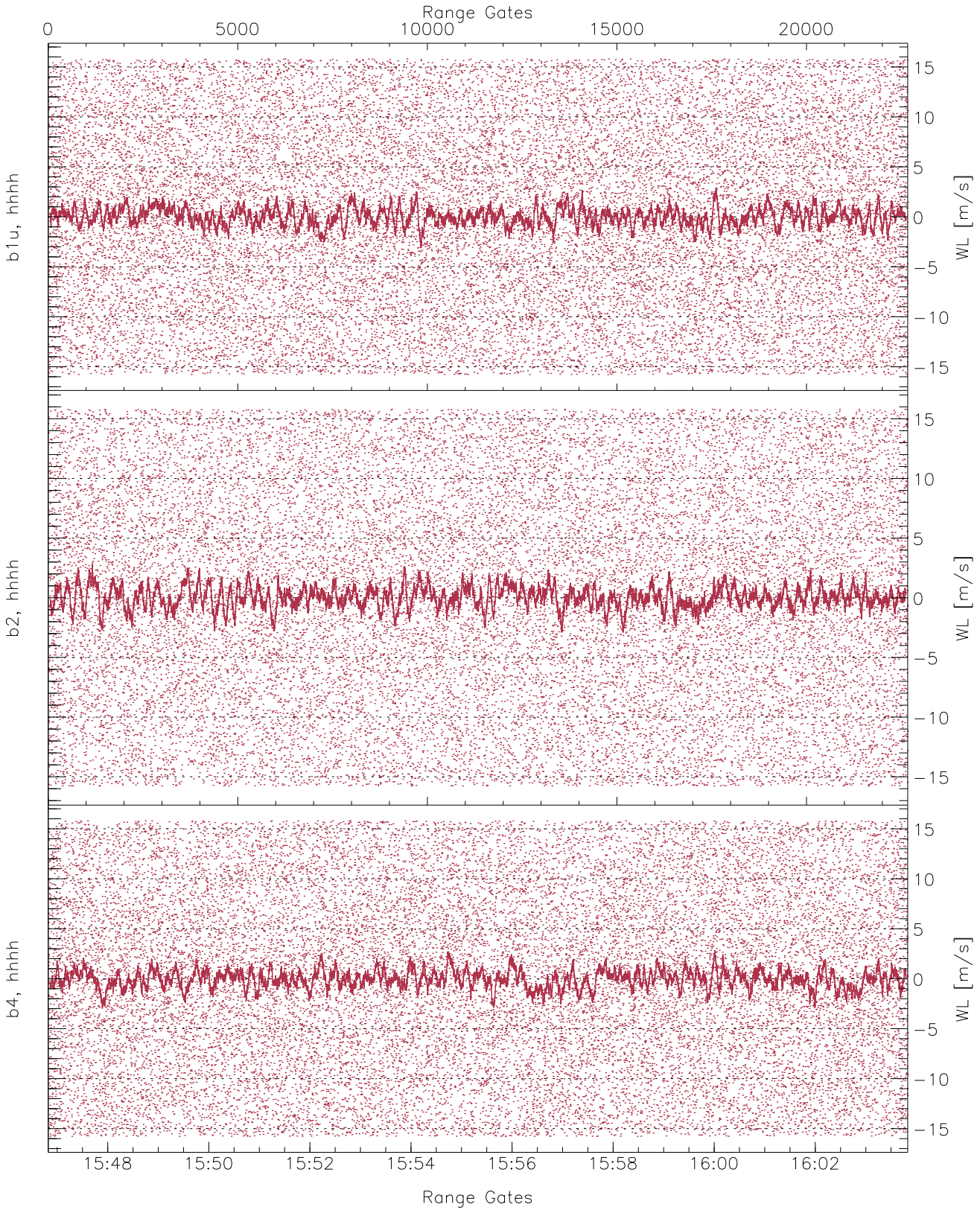
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-66.61	-64.31	-65.40	-65.41	-76.88
V2RM_0 [dBm]	-66.23	-63.91	-65.00	-65.00	-76.47
H2RG204_0 [dBm]	-66.18	-63.72	-64.96	-64.96	-76.46



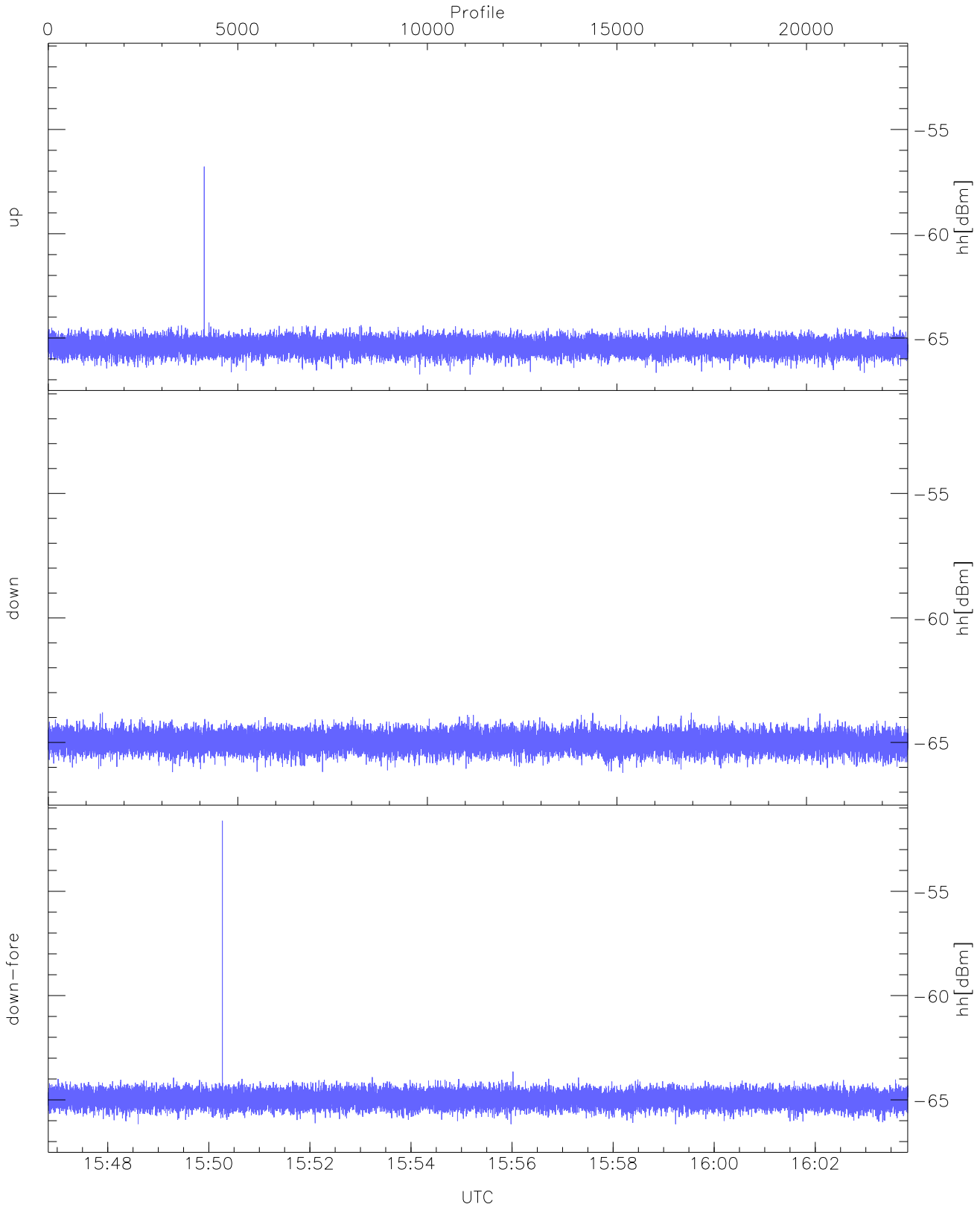
WCR3 CPP Averaged Received power for all recorded gates
blue: 154649-155520, 11337 profiles averaged
red: 155520-160350, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 154649-155520, 11337 profiles averaged
red: 155520-160350, 11336 profiles averaged

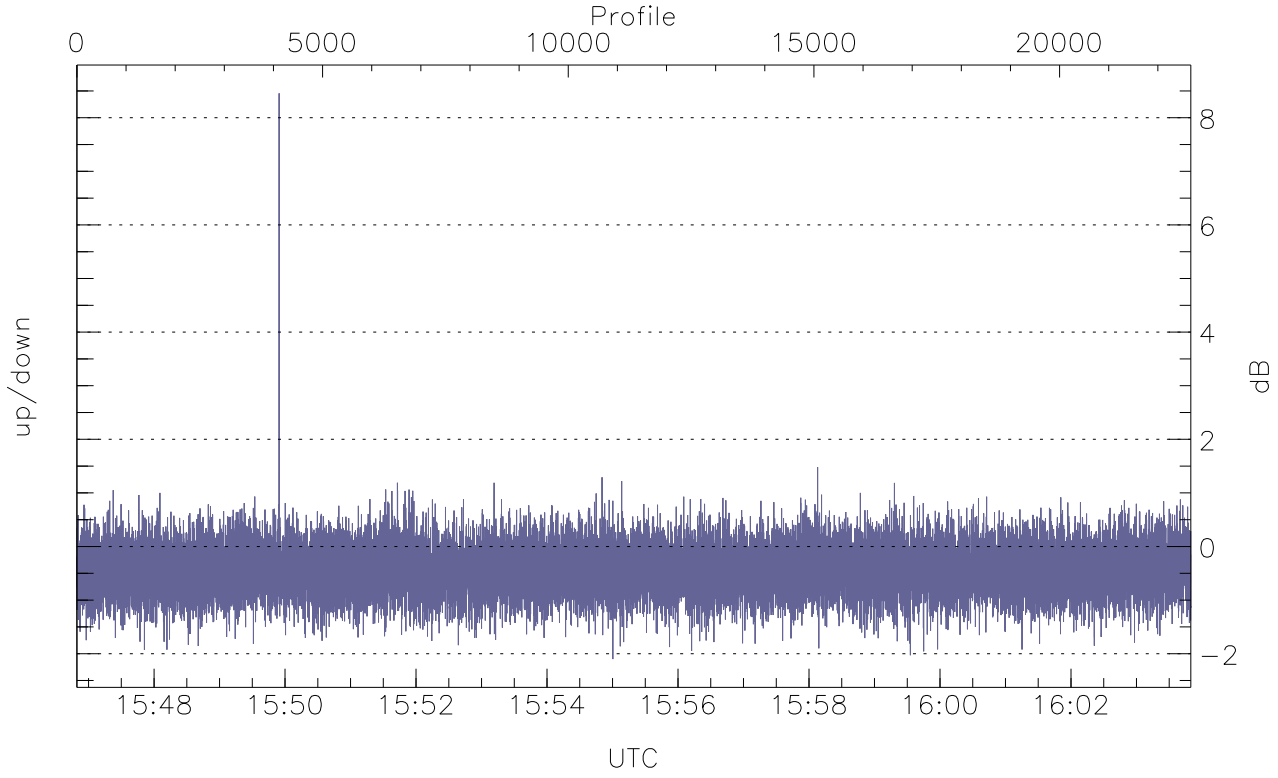


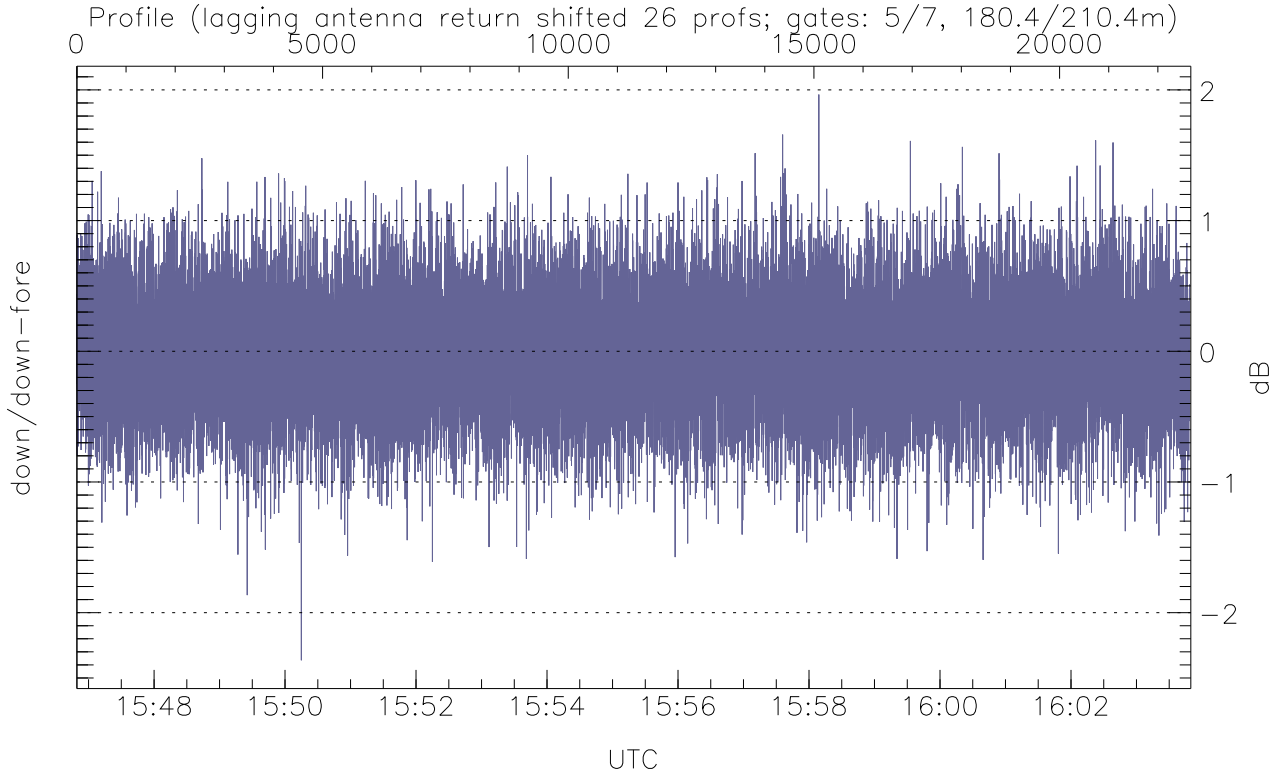
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

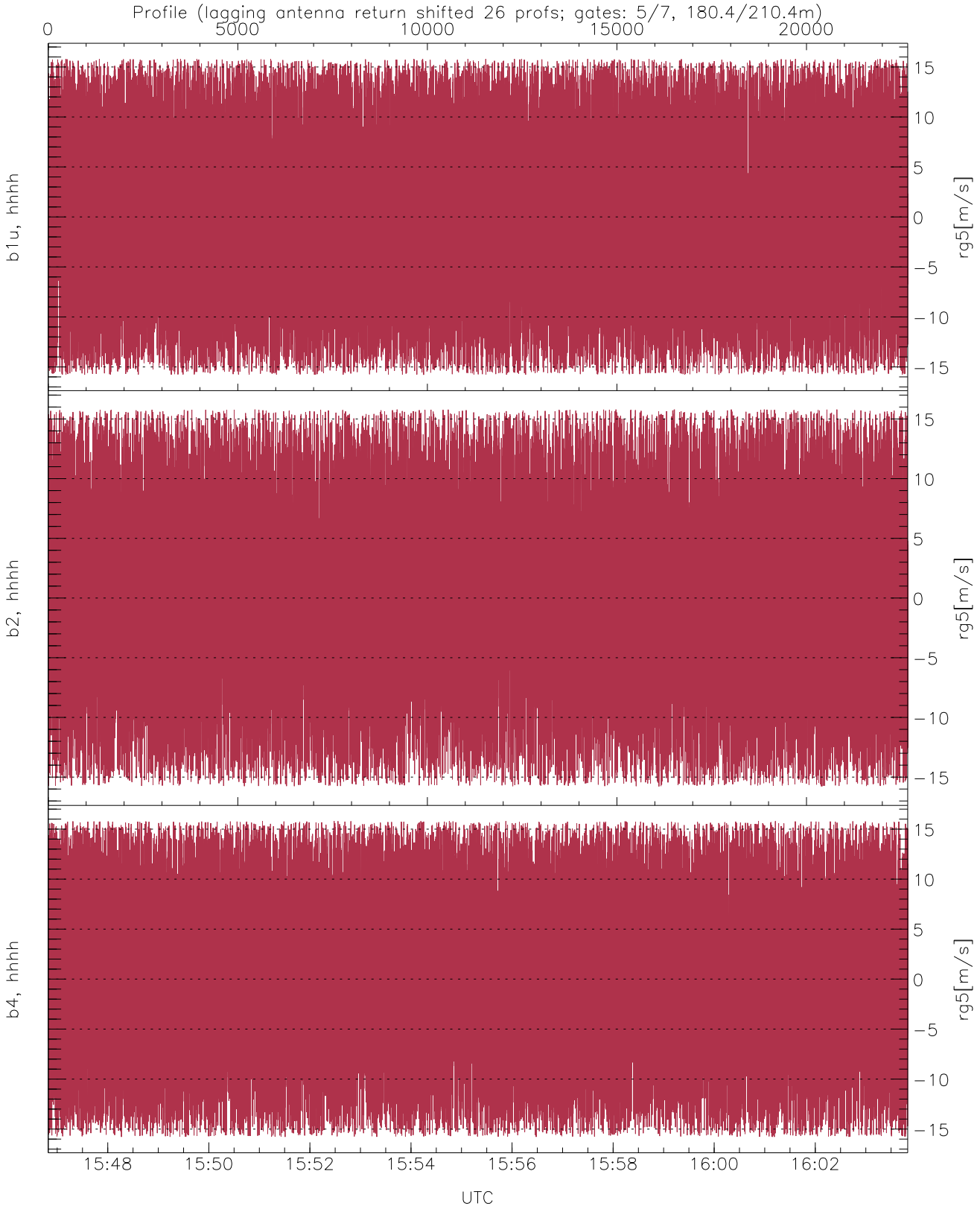
	Min	Max	Mean
up(hh[dBm])	-66.76	-56.78	-65.40
down(hh[dBm])	-66.21	-63.80	-64.97
down-fore(hh[dBm])	-66.17	-51.62	-64.95





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

	Min	Max	Mean
up/down(dB)	-2.10	8.46	-0.43
down/down-fore(dB)	-2.36	1.96	-0.02



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	0.07	8.79
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.01	8.30
b4, hhhh(rg5[m/s])	-15.78	15.79	0.08	8.85