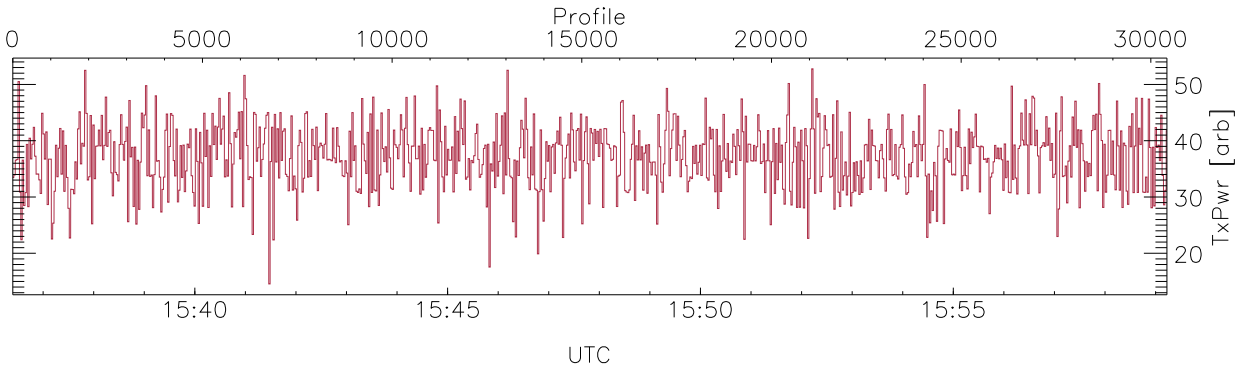
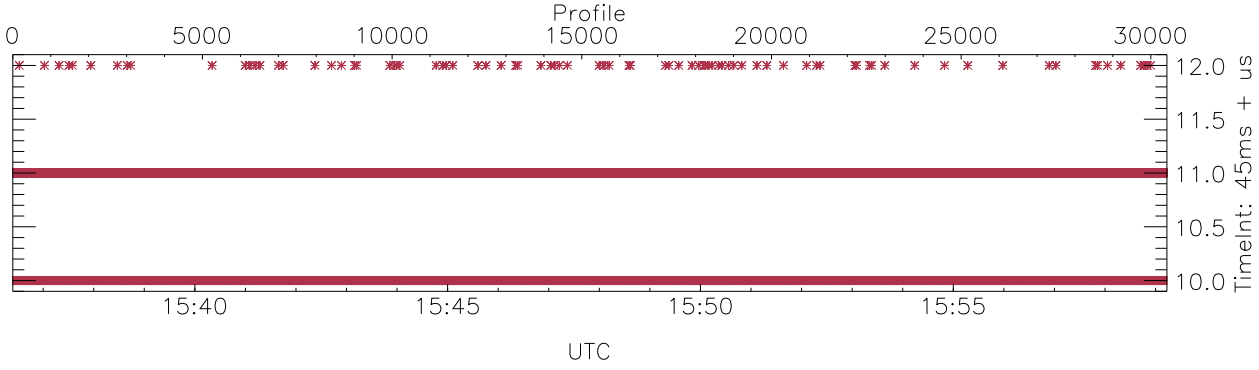
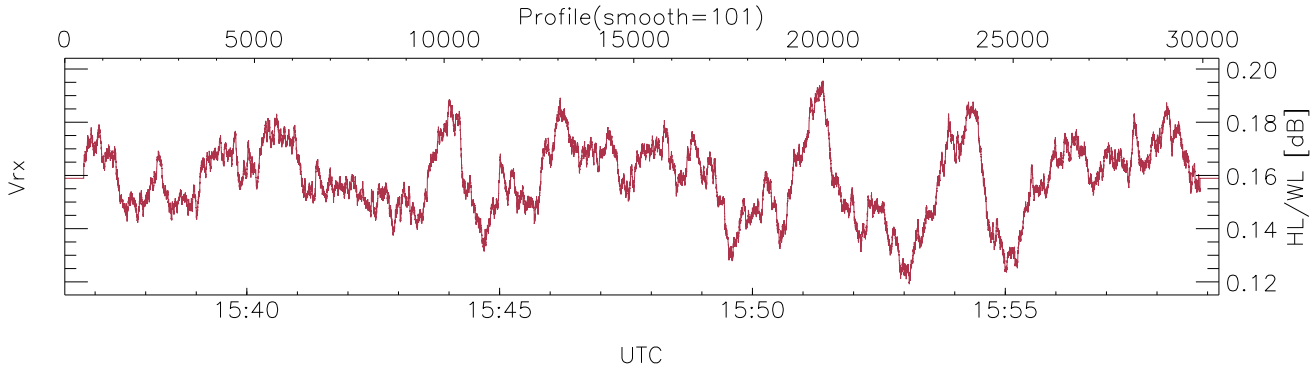
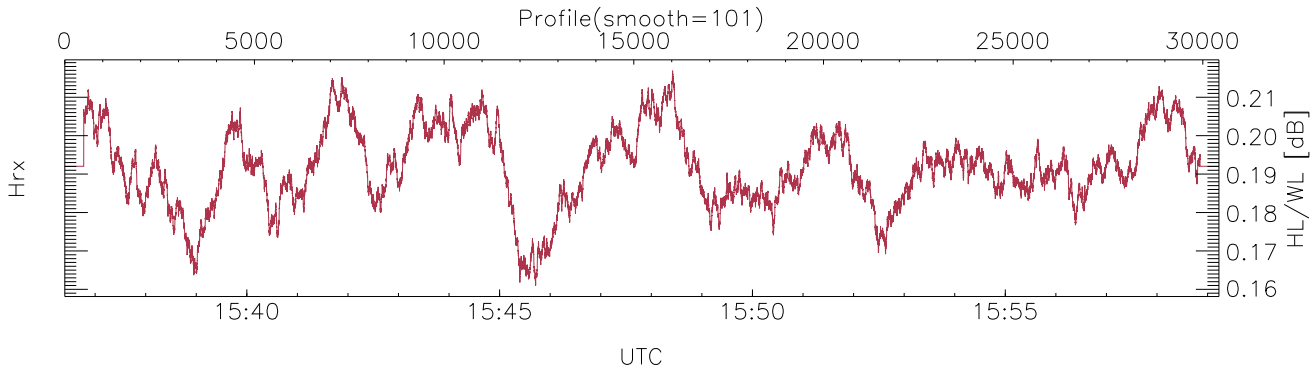


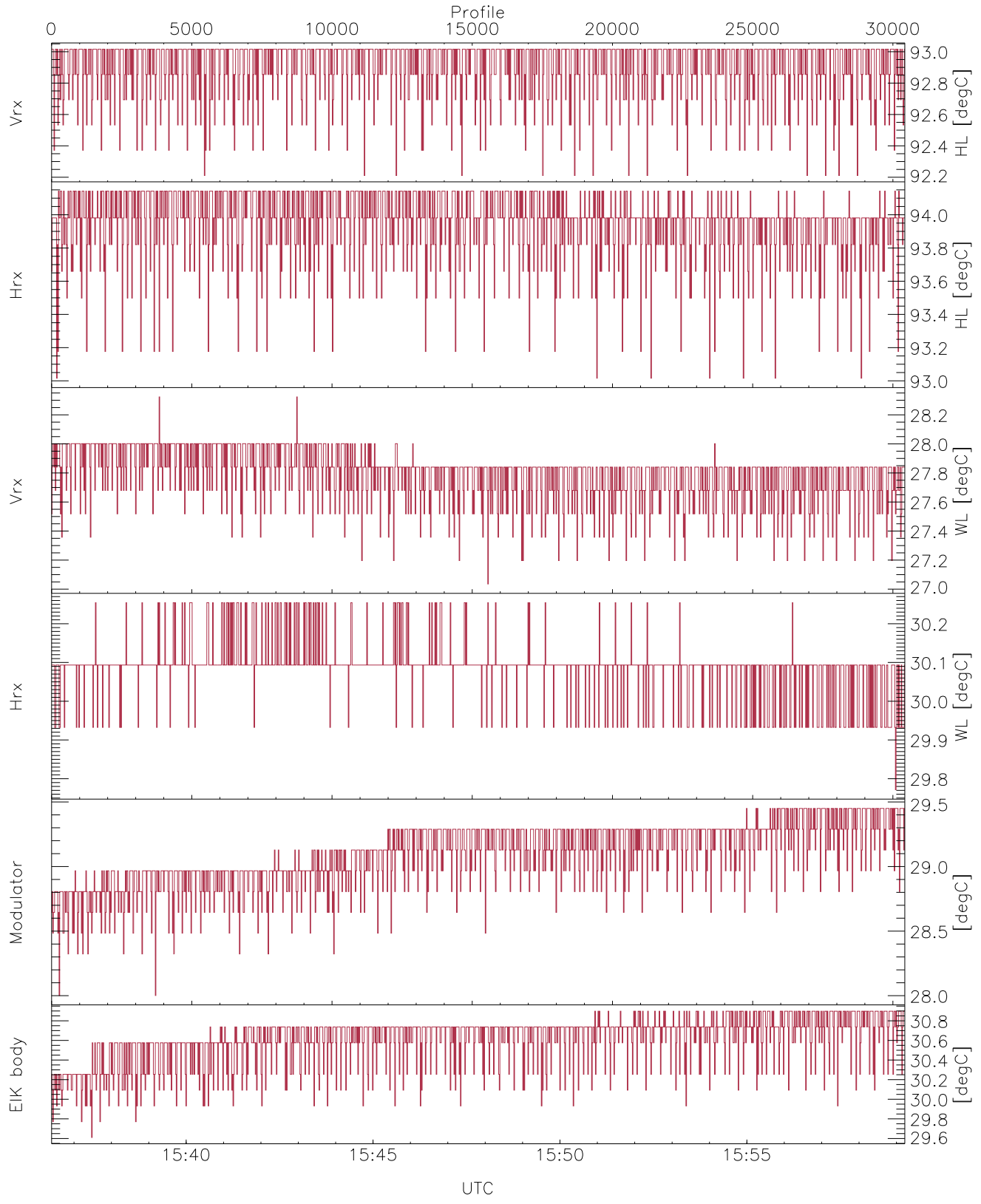






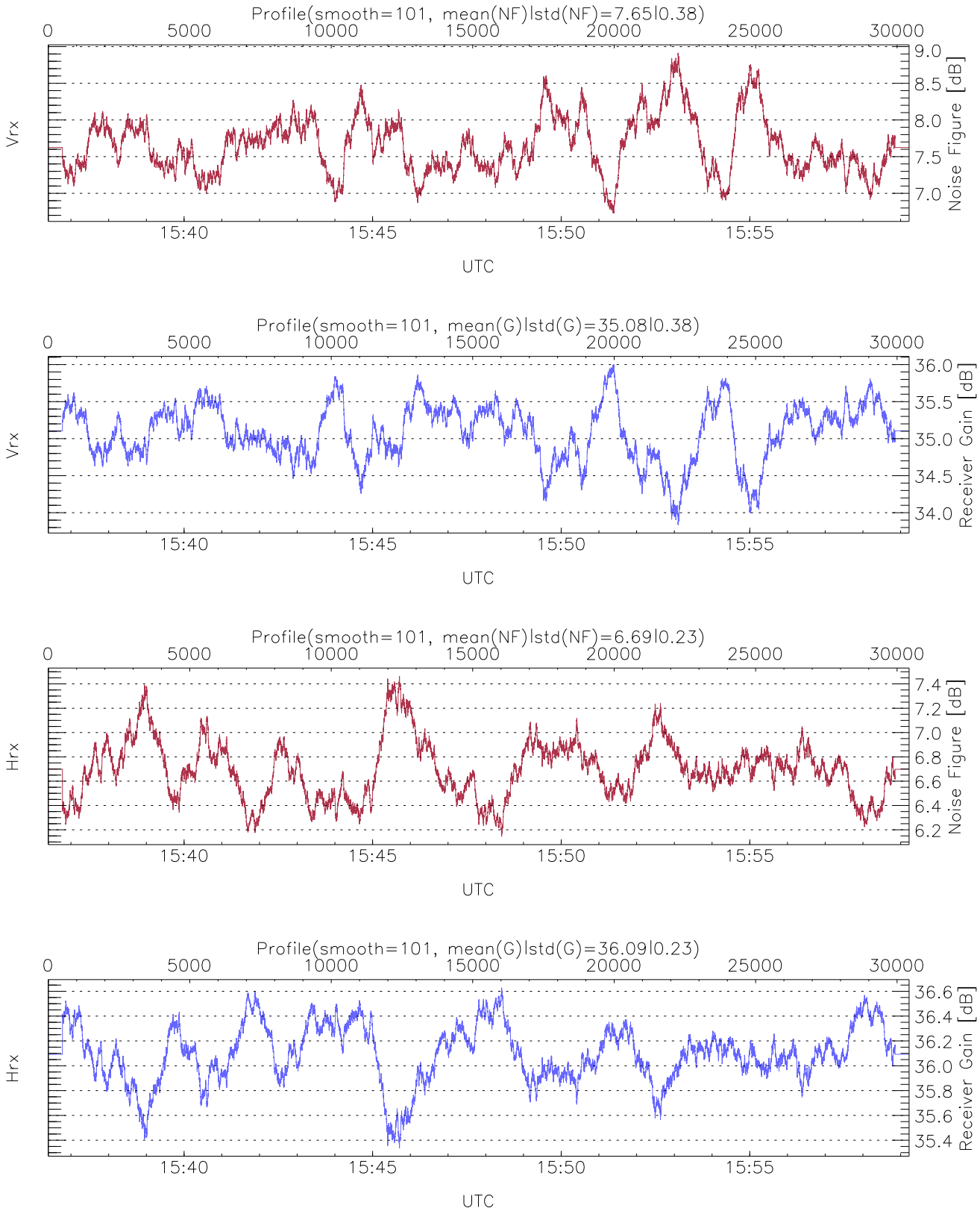
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:36:24-15:59:14, TimeCor: 0.00s, Dur: 1369.47s
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): 30426/30426, 0-30425/15:36:24-15:59:14
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



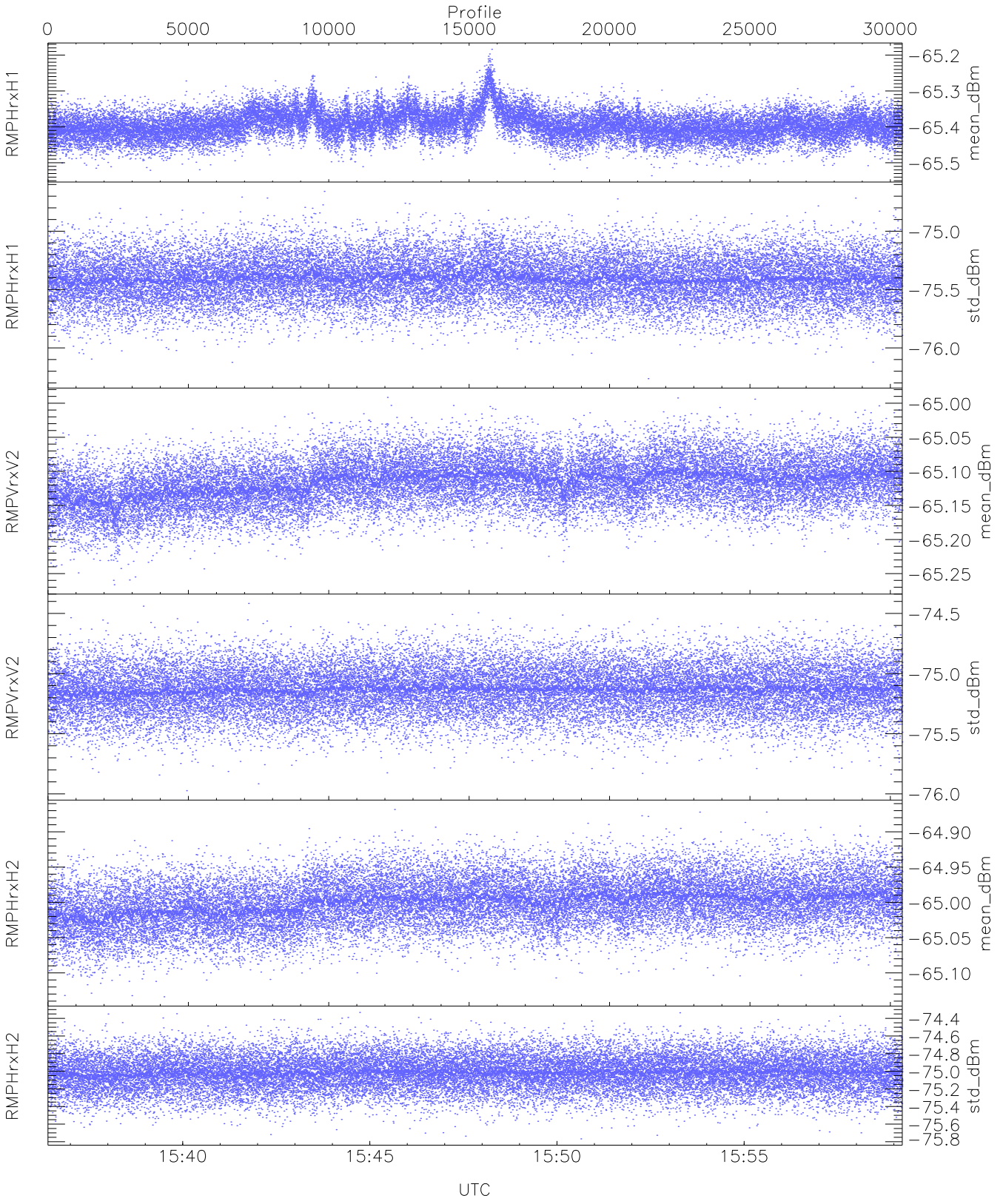
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,28,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,28,30,29,30
LOalarm(20,240,2817,14861 MHz): 0,0,68,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,46,46,22)



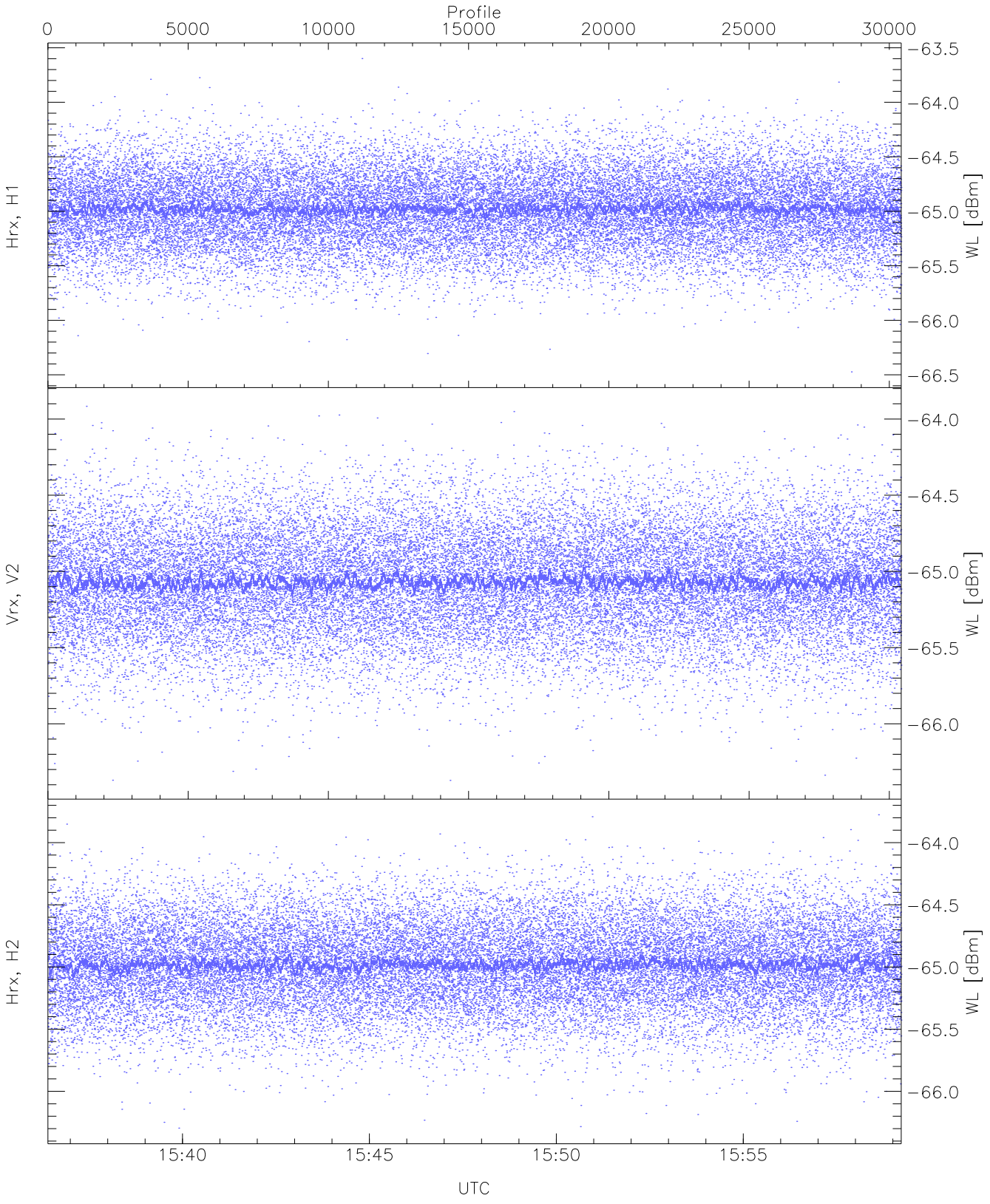
WCR3 CPP Receivers Gain and Noise Figure

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



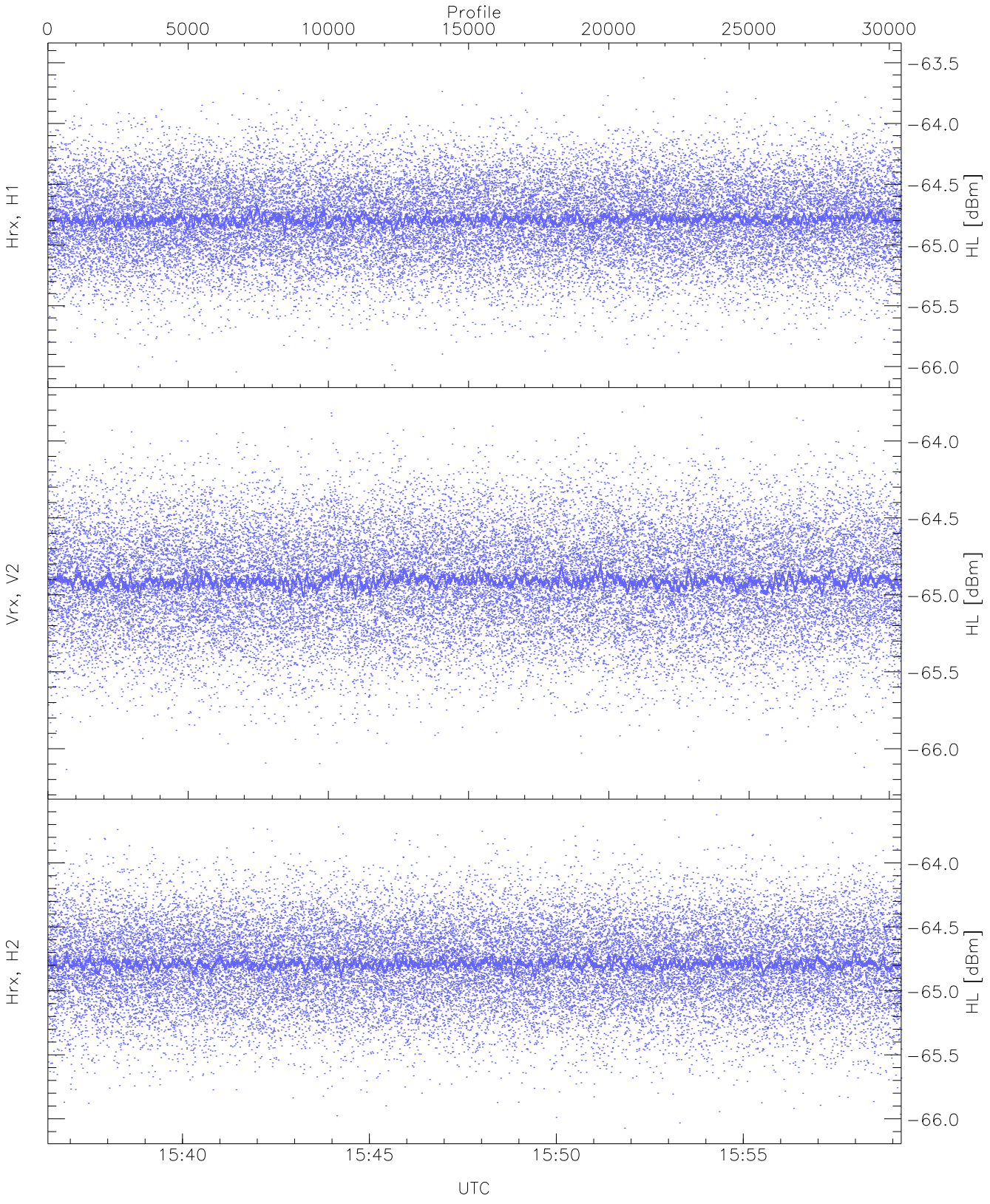
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.54	-65.18	-65.39	-65.40	-86.06
RMPHrxH1(std_dBm)	-76.26	-74.66	-75.41	-75.41	-89.17
RMPVrxV2(mean_dBm)	-65.27	-64.99	-65.12	-65.12	-86.31
RMPVrxV2(std_dBm)	-75.97	-74.42	-75.13	-75.14	-88.91
RMPHrxH2(mean_dBm)	-65.13	-64.87	-65.00	-65.00	-86.29
RMPHrxH2(std_dBm)	-75.77	-74.33	-75.02	-75.02	-88.77



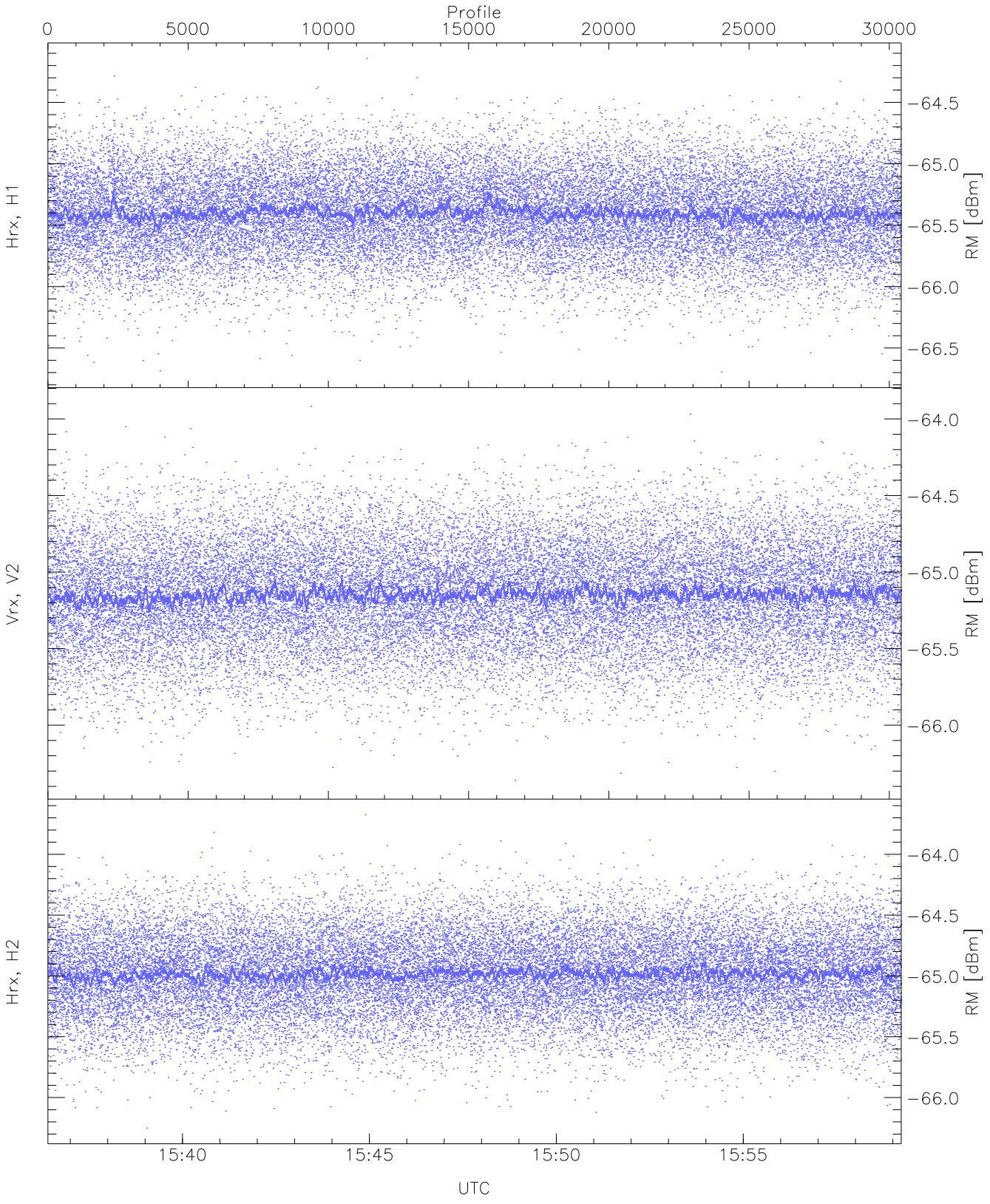
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.47	-63.60	-64.97	-64.98	-76.45
Vrx, V2(WL [dBm])	-66.37	-63.92	-65.06	-65.07	-76.55
Hrx, H2(WL [dBm])	-66.30	-63.78	-64.98	-64.98	-76.47



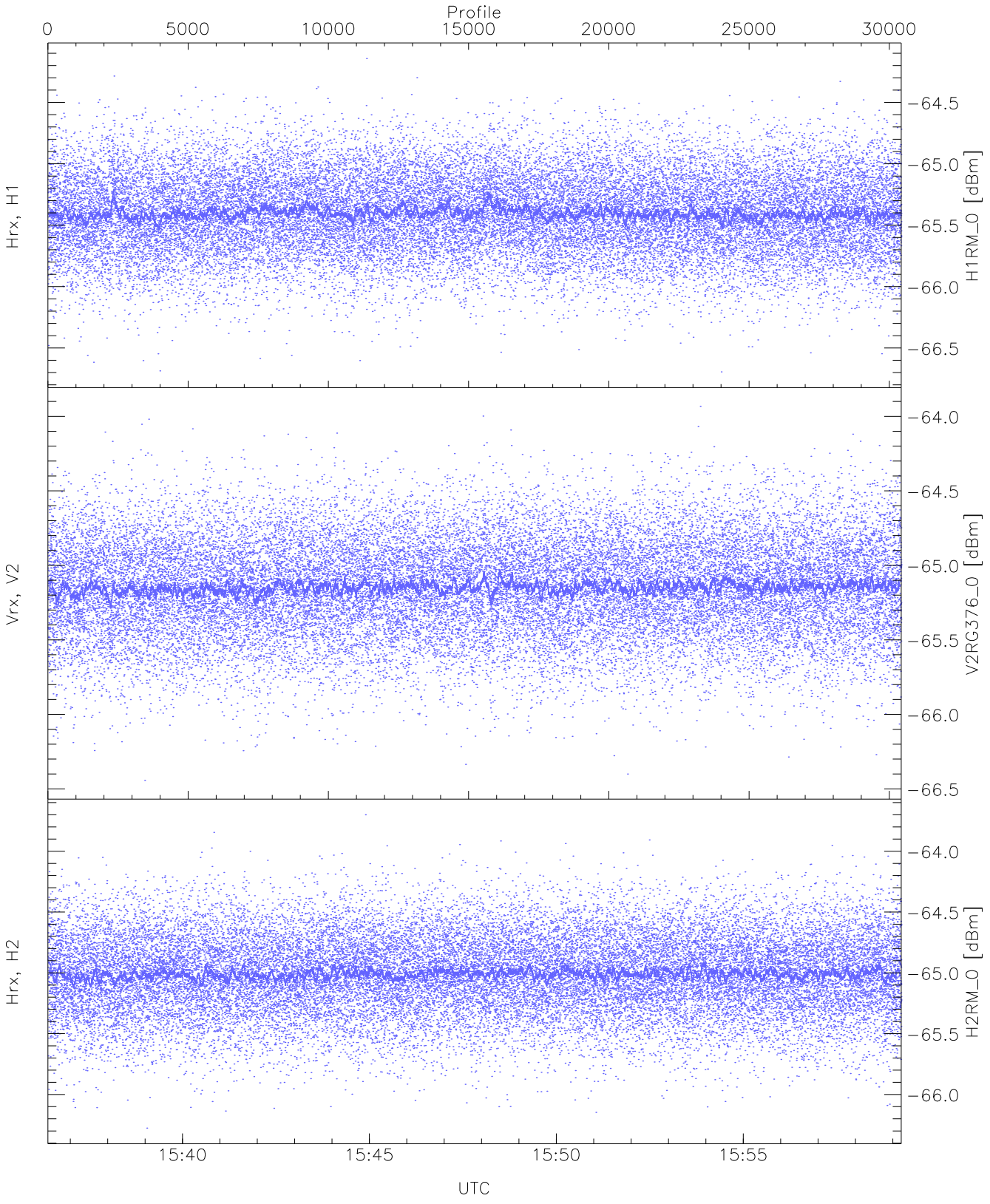
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.04	-63.47	-64.78	-64.79	-76.30
Vrx, V2(HL [dBm])	-66.21	-63.77	-64.90	-64.91	-76.40
Hrx, H2(HL [dBm])	-66.07	-63.62	-64.78	-64.79	-76.30



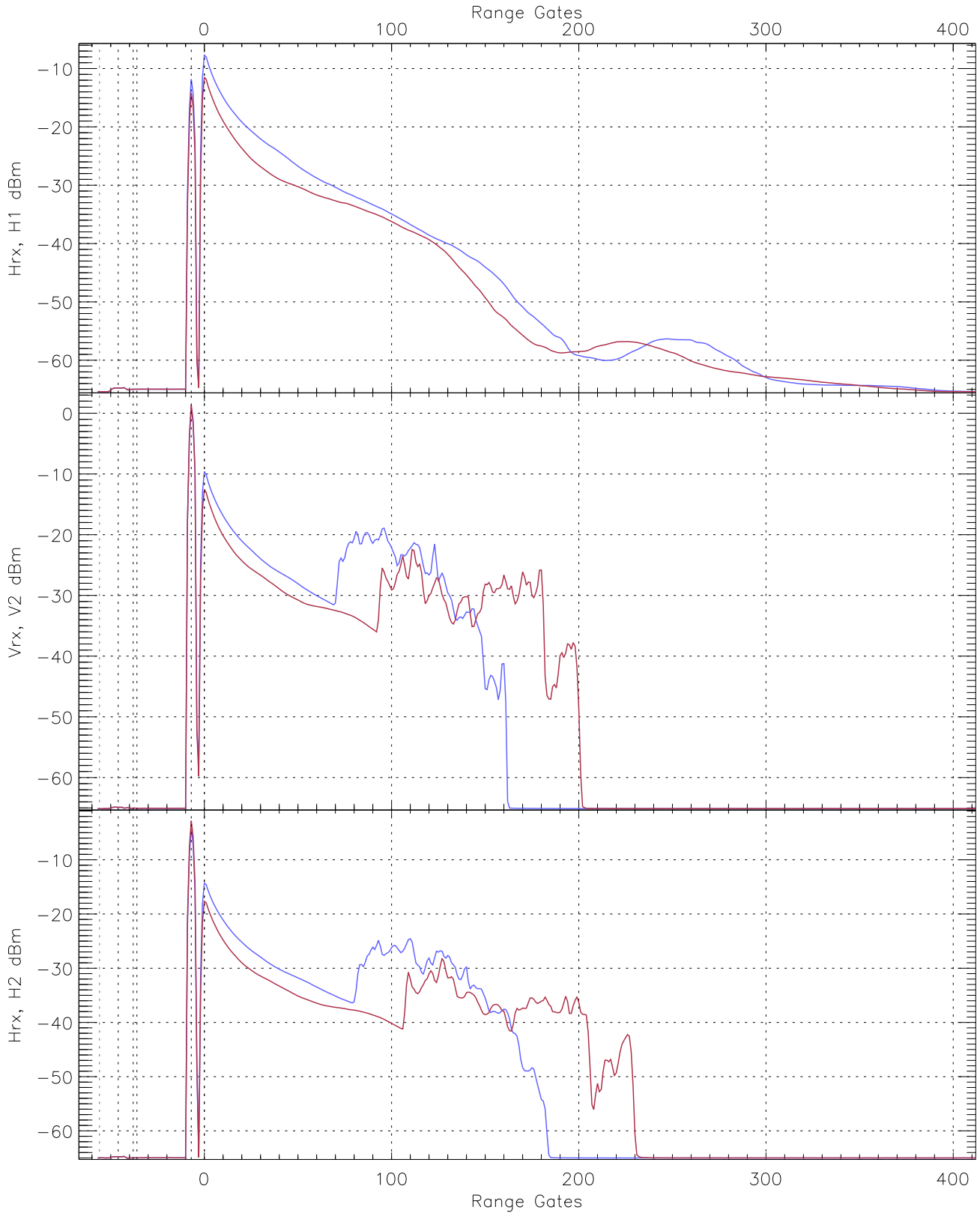
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.69	-64.14	-65.40	-65.41	-76.90
Vrx, V2(RM [dBm])	-66.36	-63.92	-65.14	-65.15	-76.65
Hrx, H2(RM [dBm])	-66.25	-63.67	-64.98	-64.98	-76.49

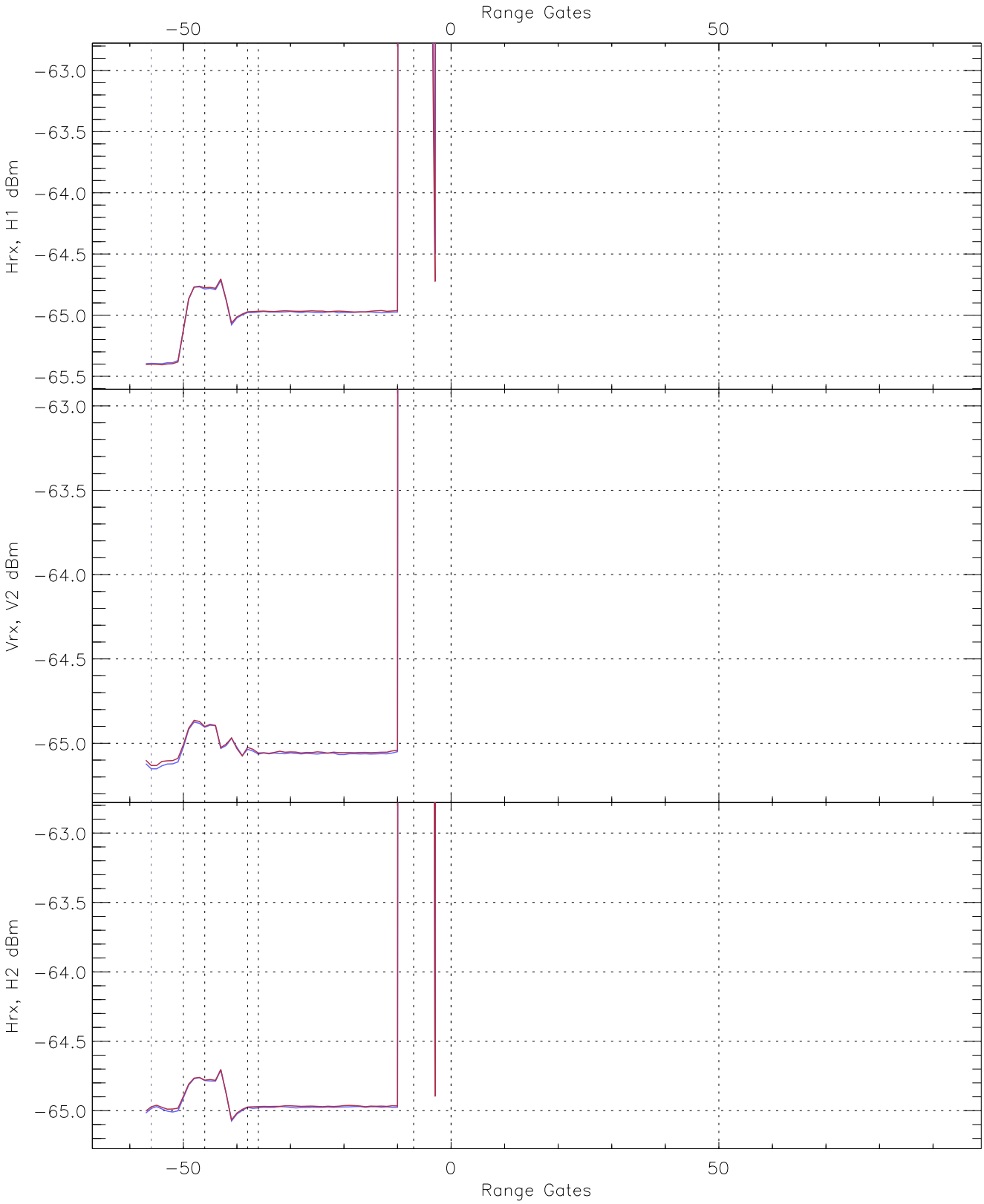


WCR3 CPP "Best" estimate Receivers Noise Power

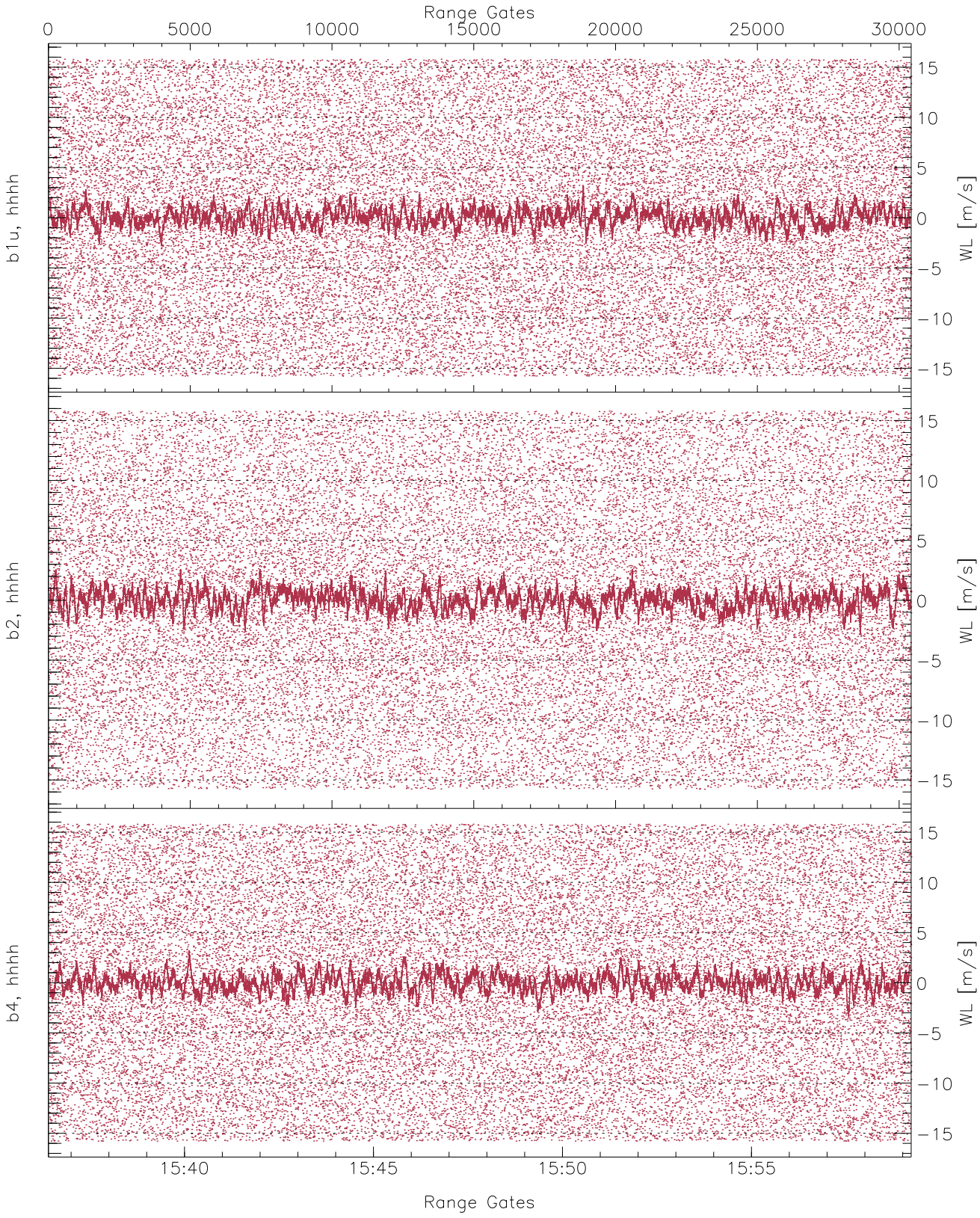
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.69	-64.14	-65.40	-65.41	-76.90
V2RG376_0 [dBm]	-66.44	-63.93	-65.14	-65.15	-76.67
H2RM_0 [dBm]	-66.28	-63.70	-65.00	-65.01	-76.51



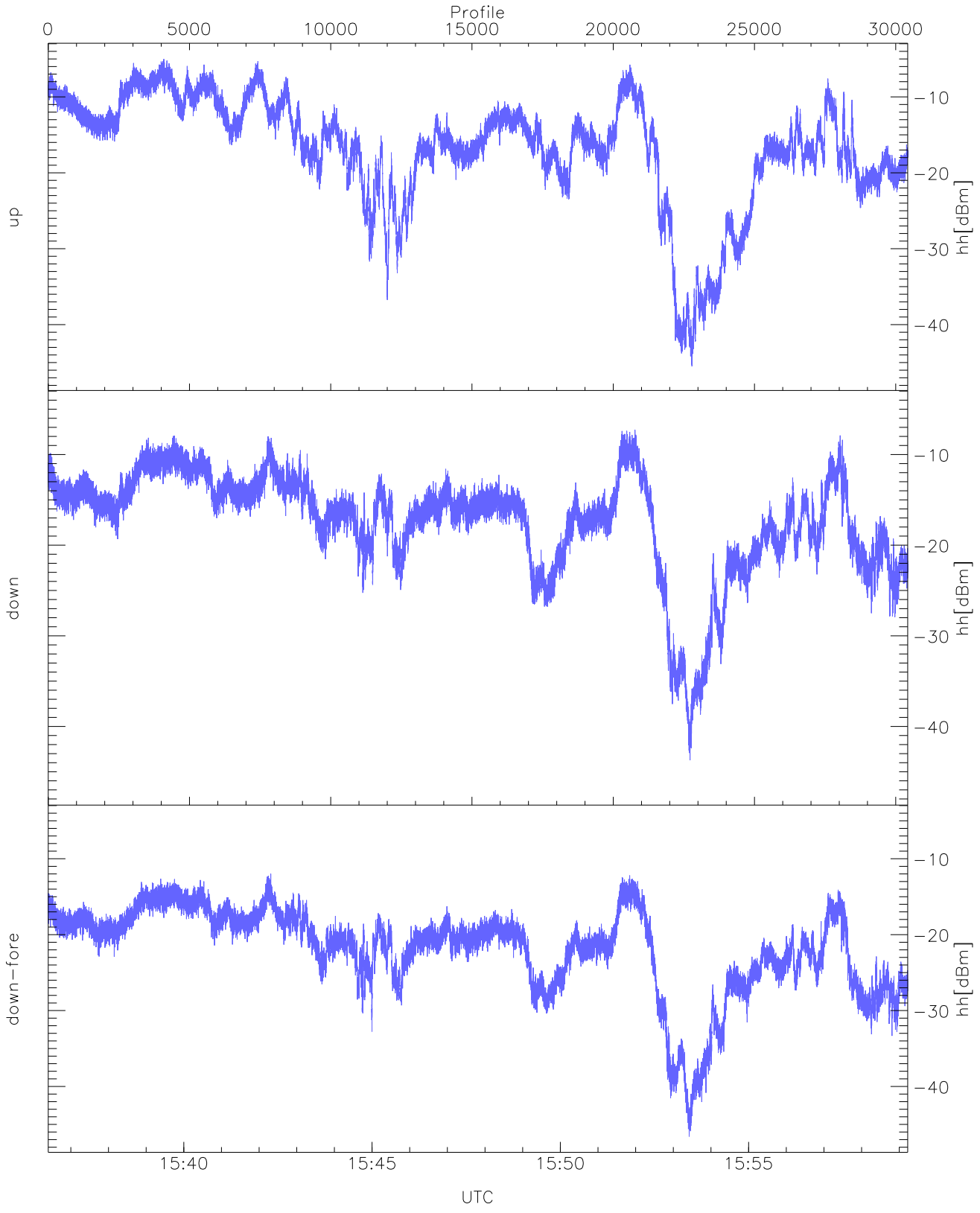
WCR3 CPP Averaged Received power for all recorded gates
blue: 153624-154749, 15214 profiles averaged
red: 154749-155914, 15213 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 153624-154749, 15214 profiles averaged
red: 154749-155914, 15213 profiles averaged

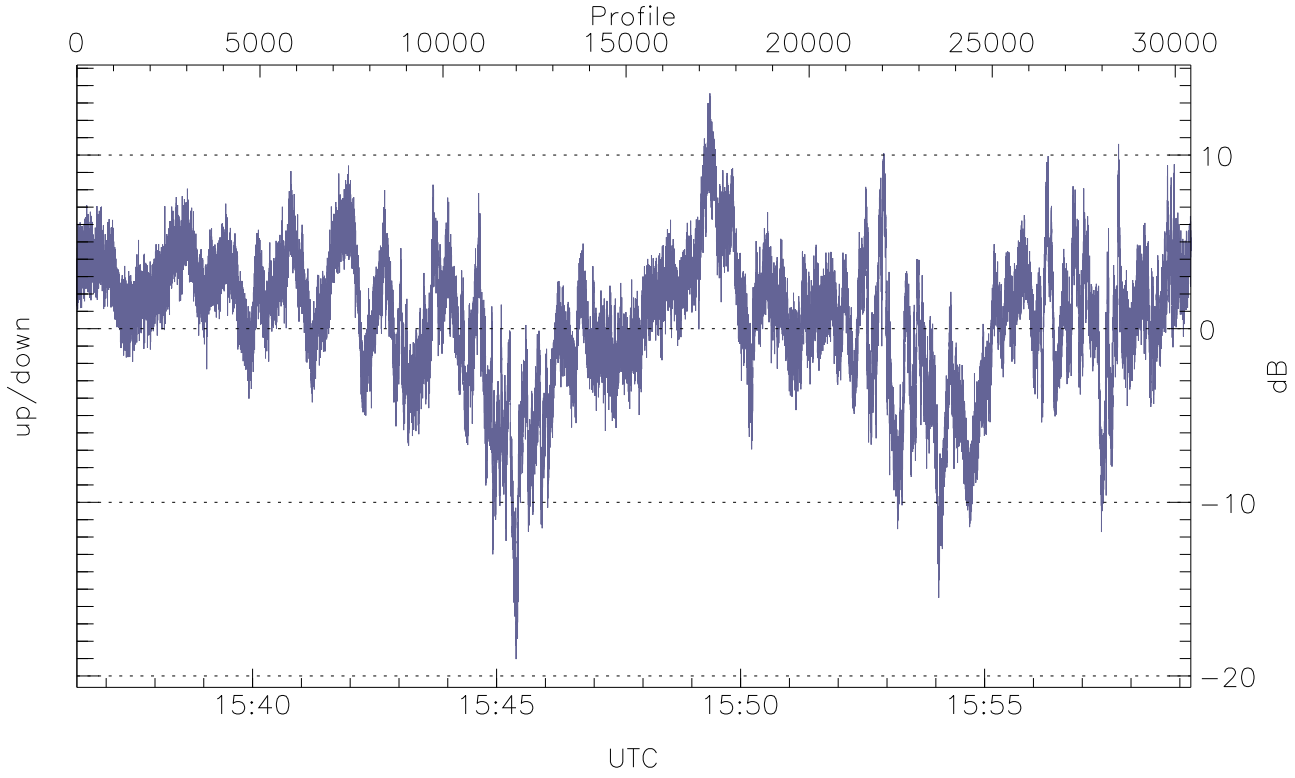


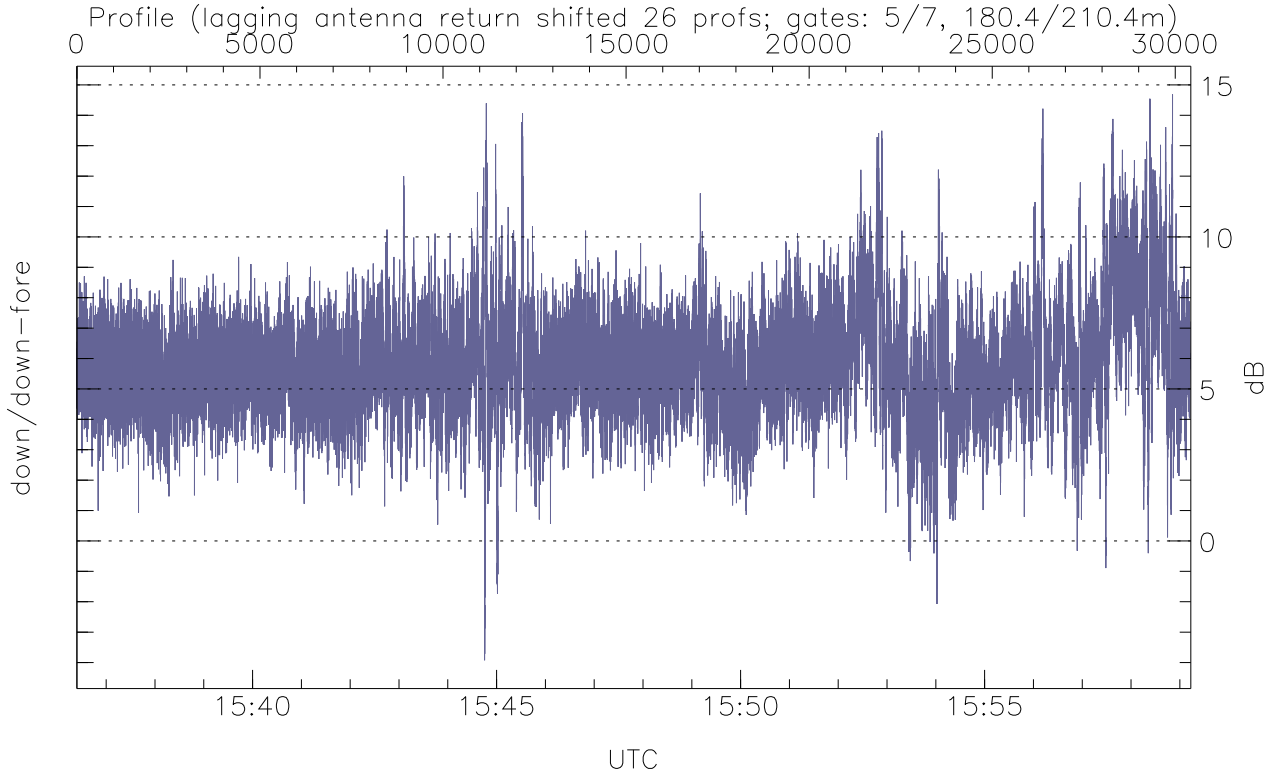
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

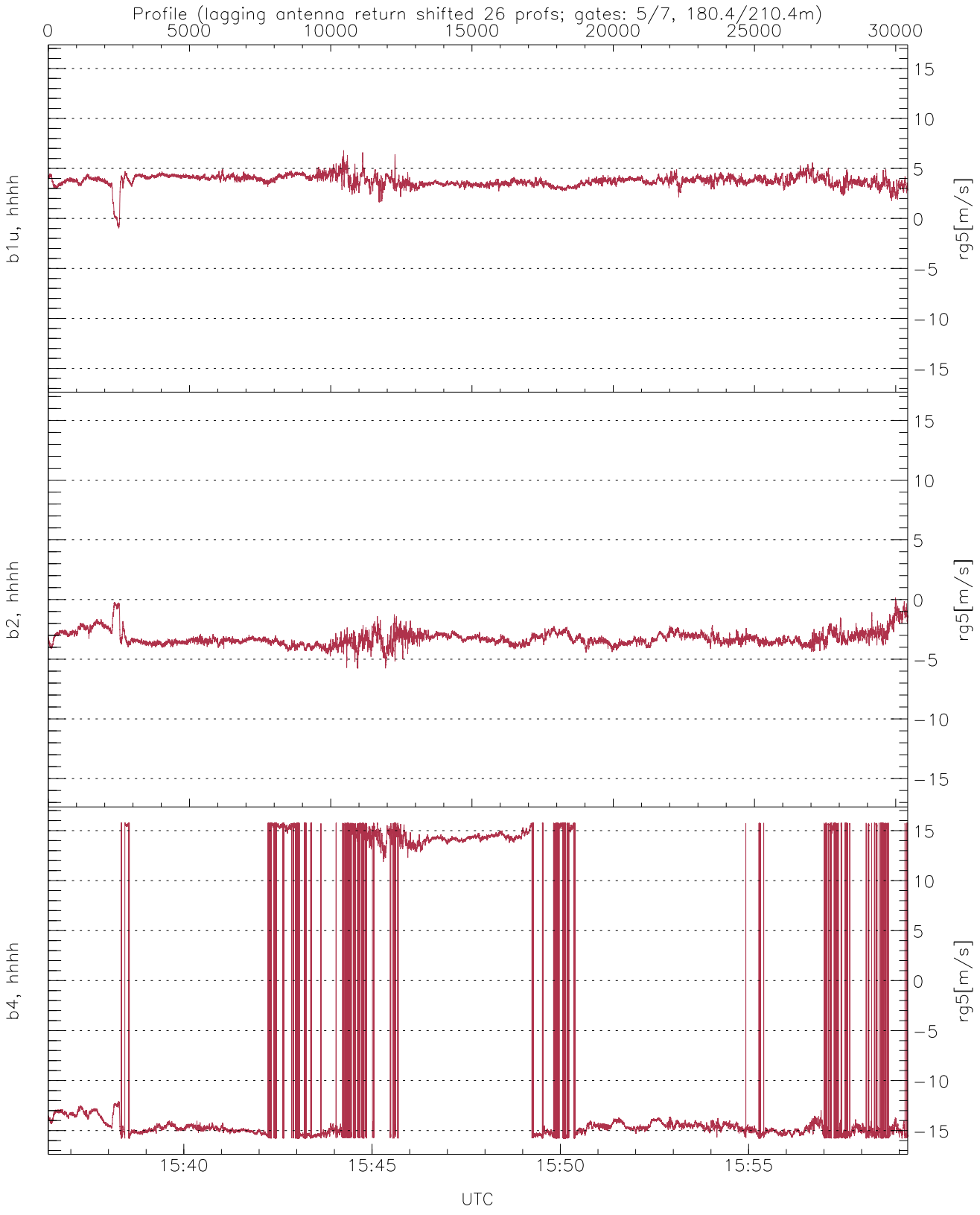
	Min	Max	Mean
up(hh[dBm])	-45.50	-5.01	-13.26
down(hh[dBm])	-43.74	-7.28	-15.06
down-fore(hh[dBm])	-46.60	-11.98	-19.52





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

	Min	Max	Mean
up/down(dB)	-19.03	13.56	0.52
down/down-fore(dB)	-3.93	14.68	5.85



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.98	6.81	3.76	0.58
b2, hhhh(rg5[m/s])	-5.78	0.14	-3.25	0.62
b4, hhhh(rg5[m/s])	-15.79	15.79	-6.50	13.20