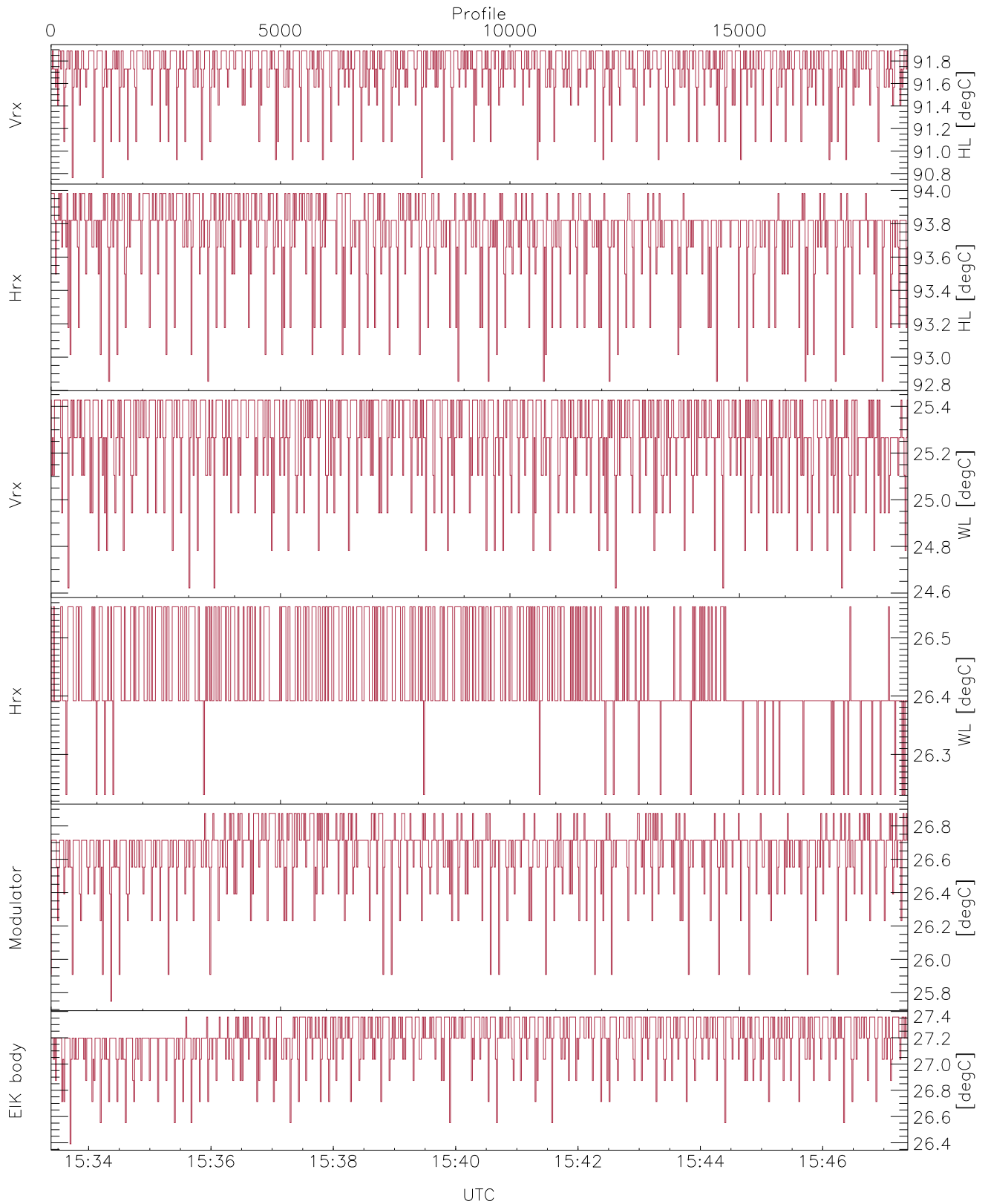


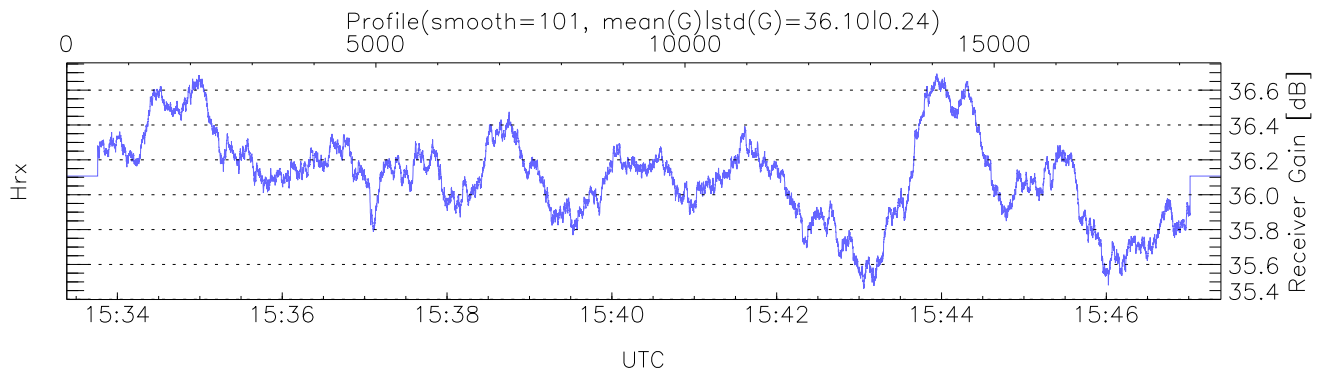
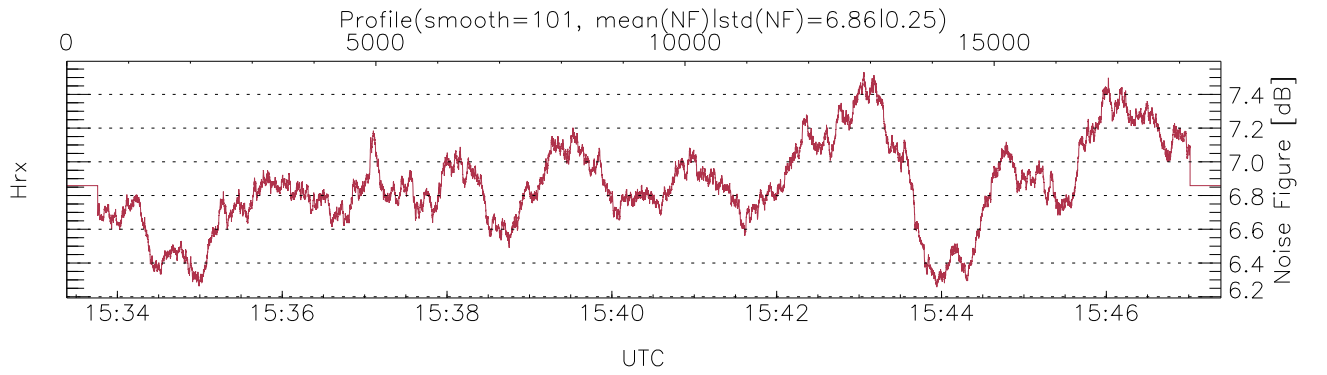
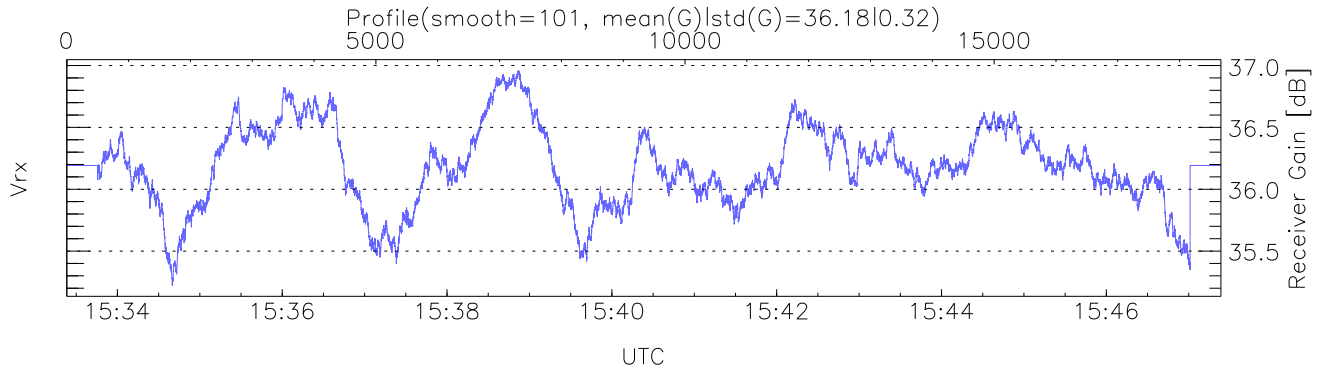
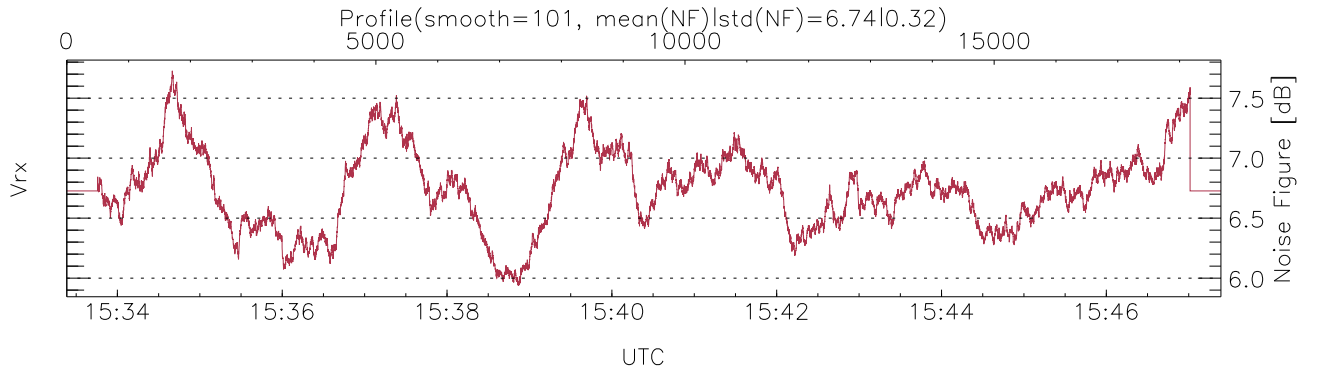
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:33:23-15:47:23, TimeCor: 0.00s, Dur: 840.31s
 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): 18670/18670, 0-18669/15:33:23-15:47:23
 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|sidelup|error): 1



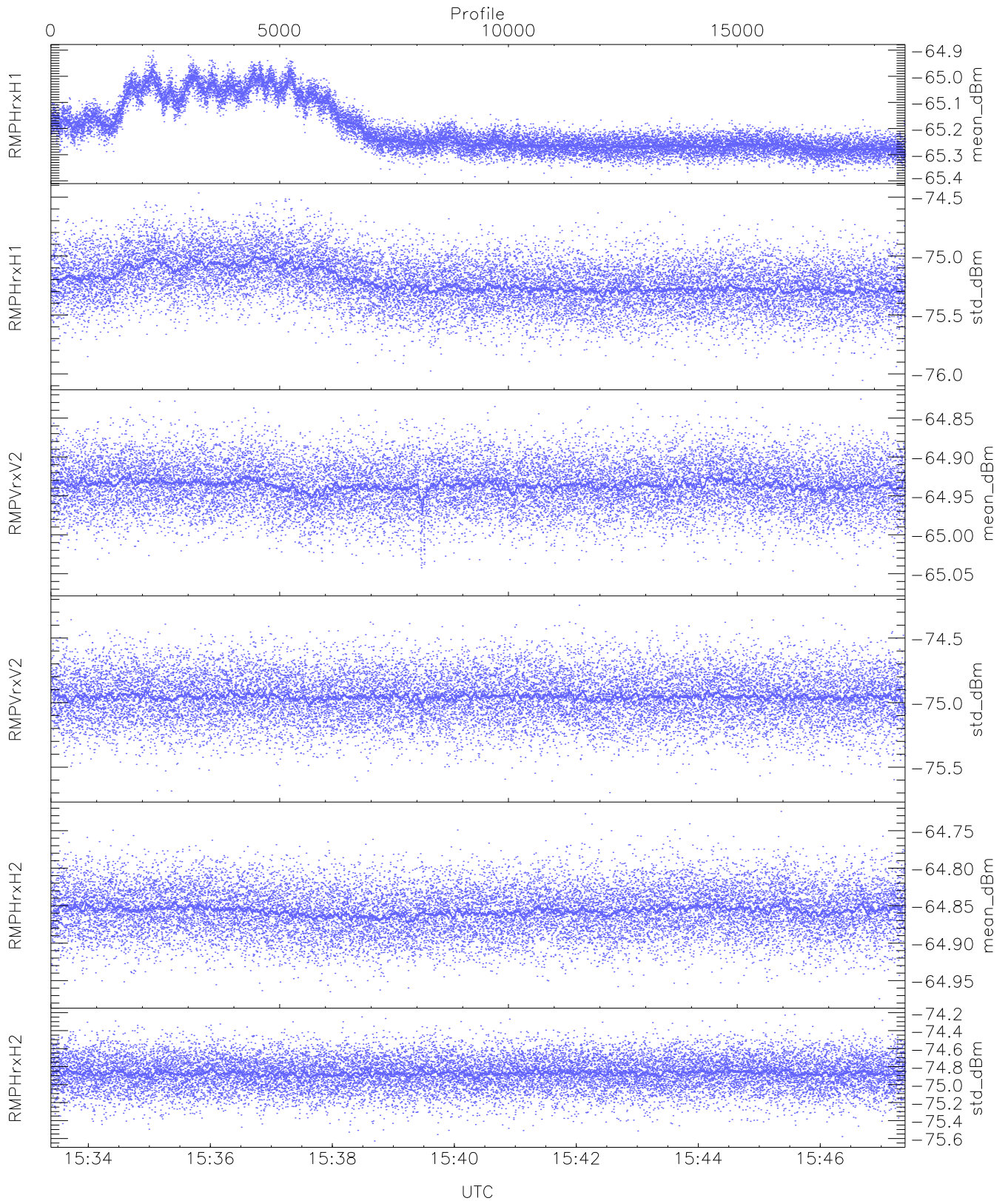
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,26,25,26`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,25,26,26,27`
`LOalarm(20,240,2817,14861 MHz): 0,0,48,0`
`EIK Faults(# prof affected):`
`BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22)`



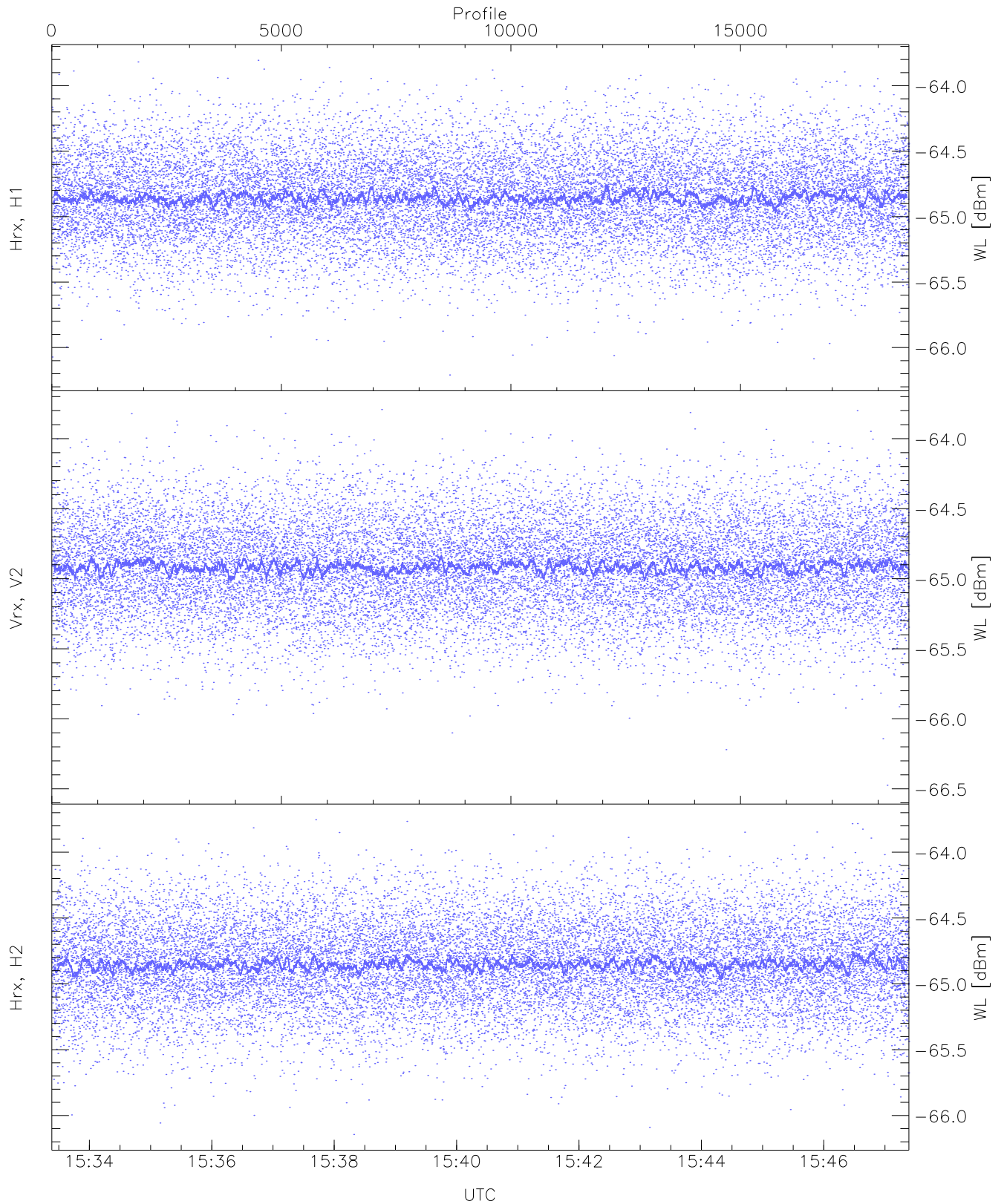
WCR3 CPP Receivers Gain and Noise Figure

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



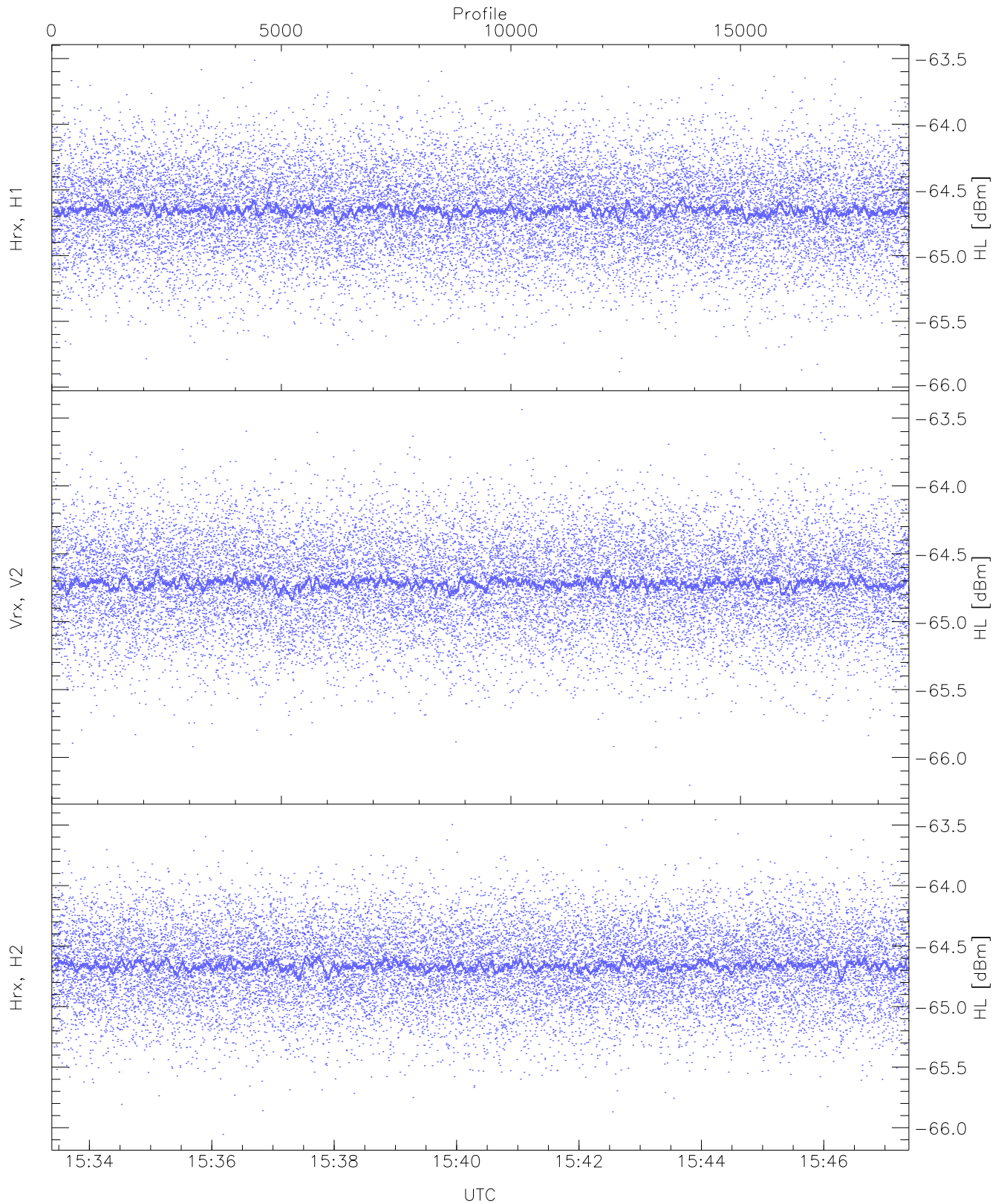
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.39	-64.90	-65.20	-65.24	-81.65
RMPHrxH1(std_dBm)	-76.05	-74.46	-75.22	-75.22	-88.50
RMPVrxV2(mean_dBm)	-65.07	-64.83	-64.94	-64.94	-86.56
RMPVrxV2(std_dBm)	-75.70	-74.25	-74.95	-74.96	-88.76
RMPHrxH2(mean_dBm)	-64.97	-64.72	-64.86	-64.86	-86.36
RMPHrxH2(std_dBm)	-75.63	-74.22	-74.87	-74.87	-88.71



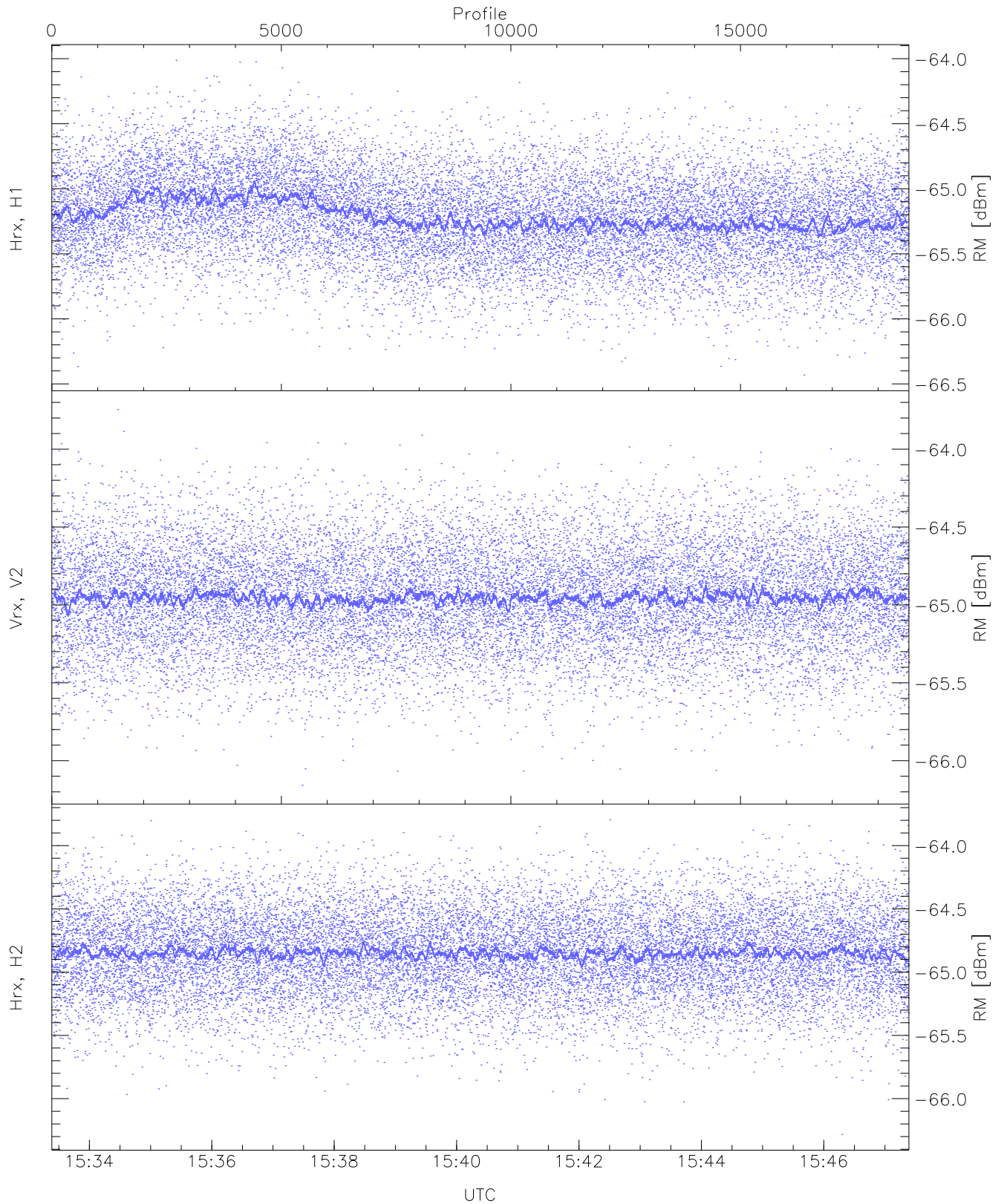
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.21	-63.81	-64.85	-64.86	-76.38
Vrx, V2 (WL [dBm])	-66.47	-63.79	-64.91	-64.92	-76.41
Hrx, H2 (WL [dBm])	-66.14	-63.75	-64.85	-64.86	-76.36



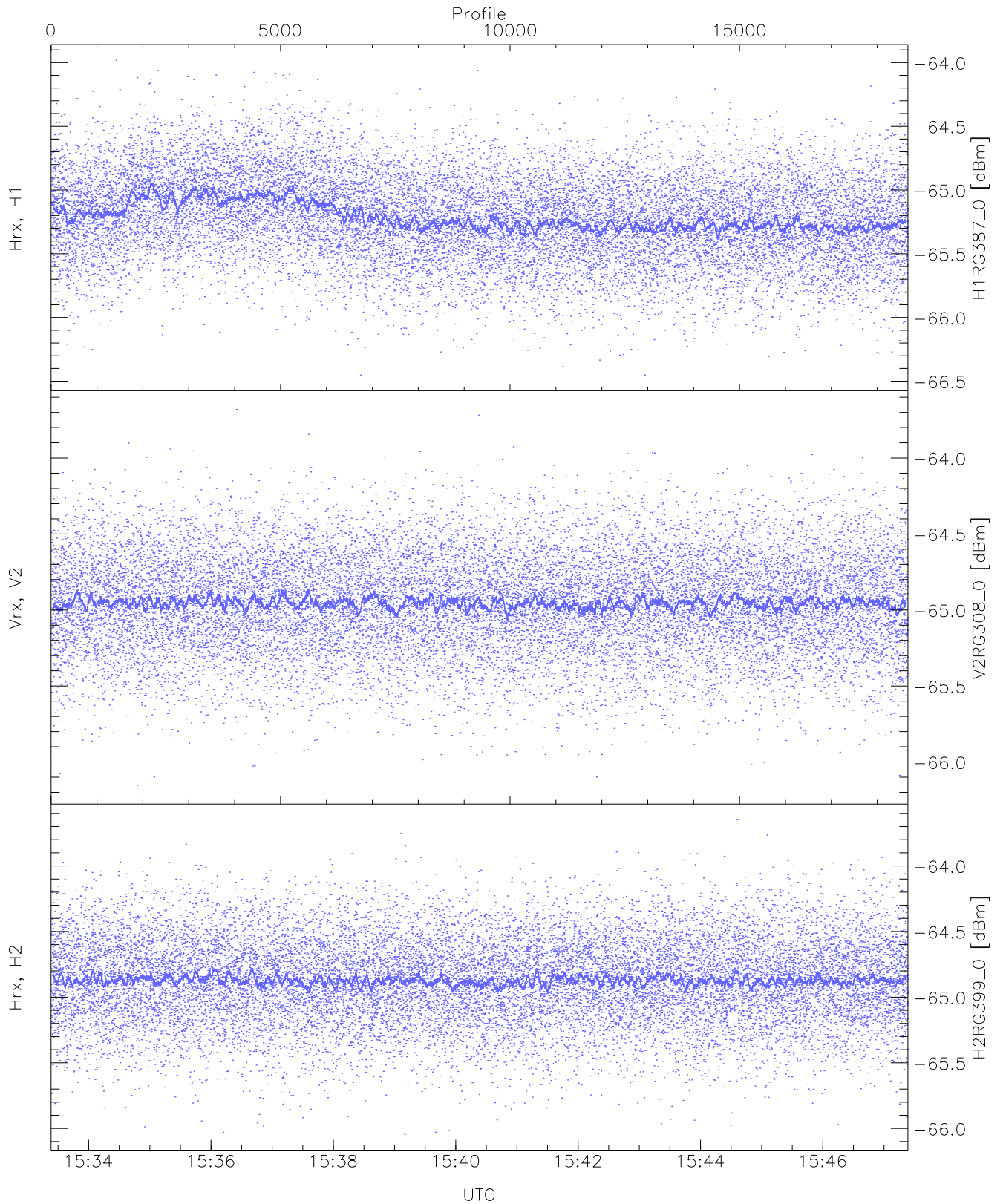
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.91	-63.51	-64.65	-64.65	-76.12
Vrx, V2 (HL [dBm])	-66.20	-63.44	-64.71	-64.72	-76.16
Hrx, H2 (HL [dBm])	-66.06	-63.46	-64.65	-64.66	-76.16



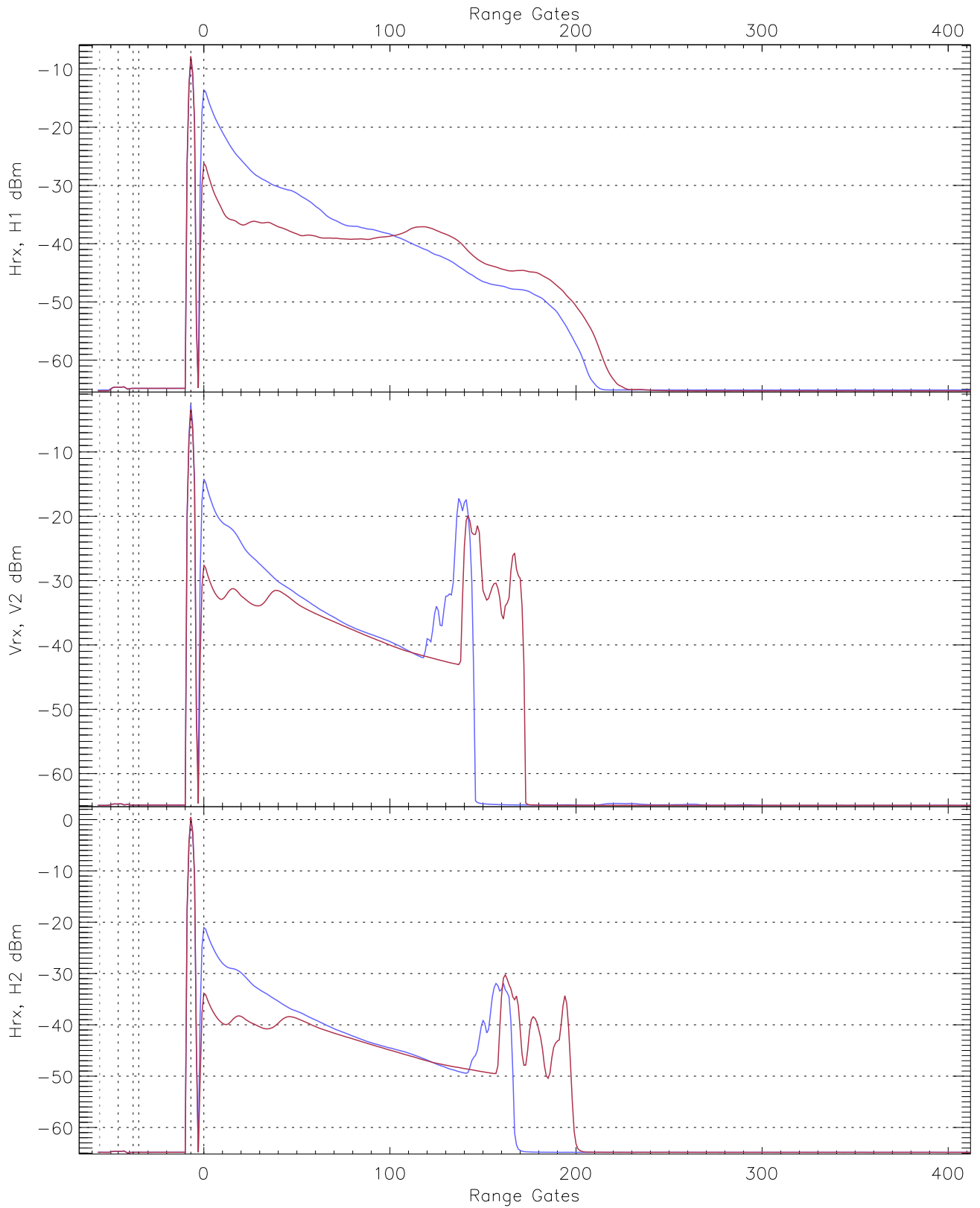
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.43	-64.01	-65.20	-65.21	-76.54
Vrx, V2 (RM [dBm])	-66.16	-63.75	-64.95	-64.95	-76.47
Hrx, H2 (RM [dBm])	-66.28	-63.80	-64.84	-64.85	-76.36

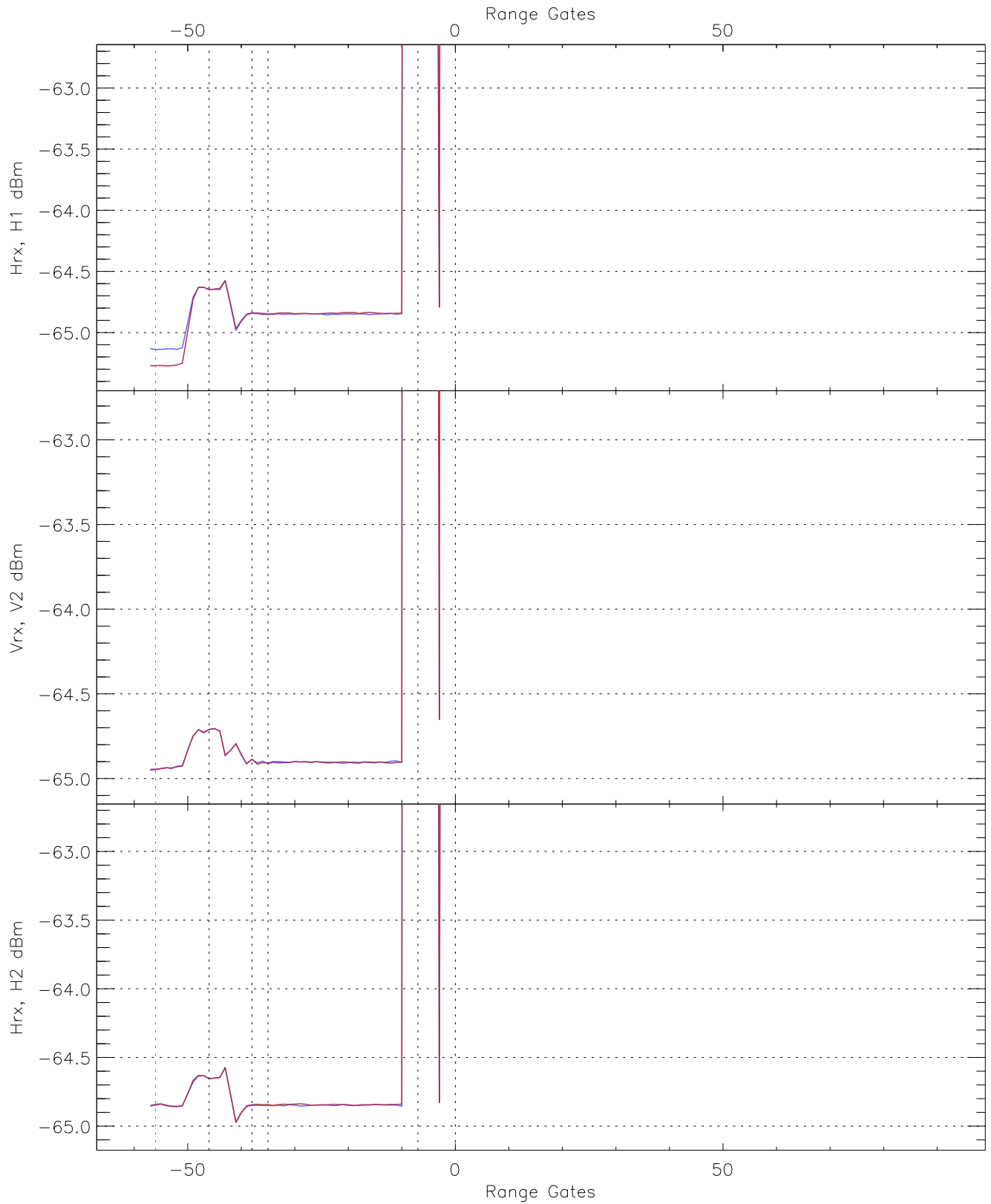


WCR3 CPP "Best" estimate Receivers Noise Power

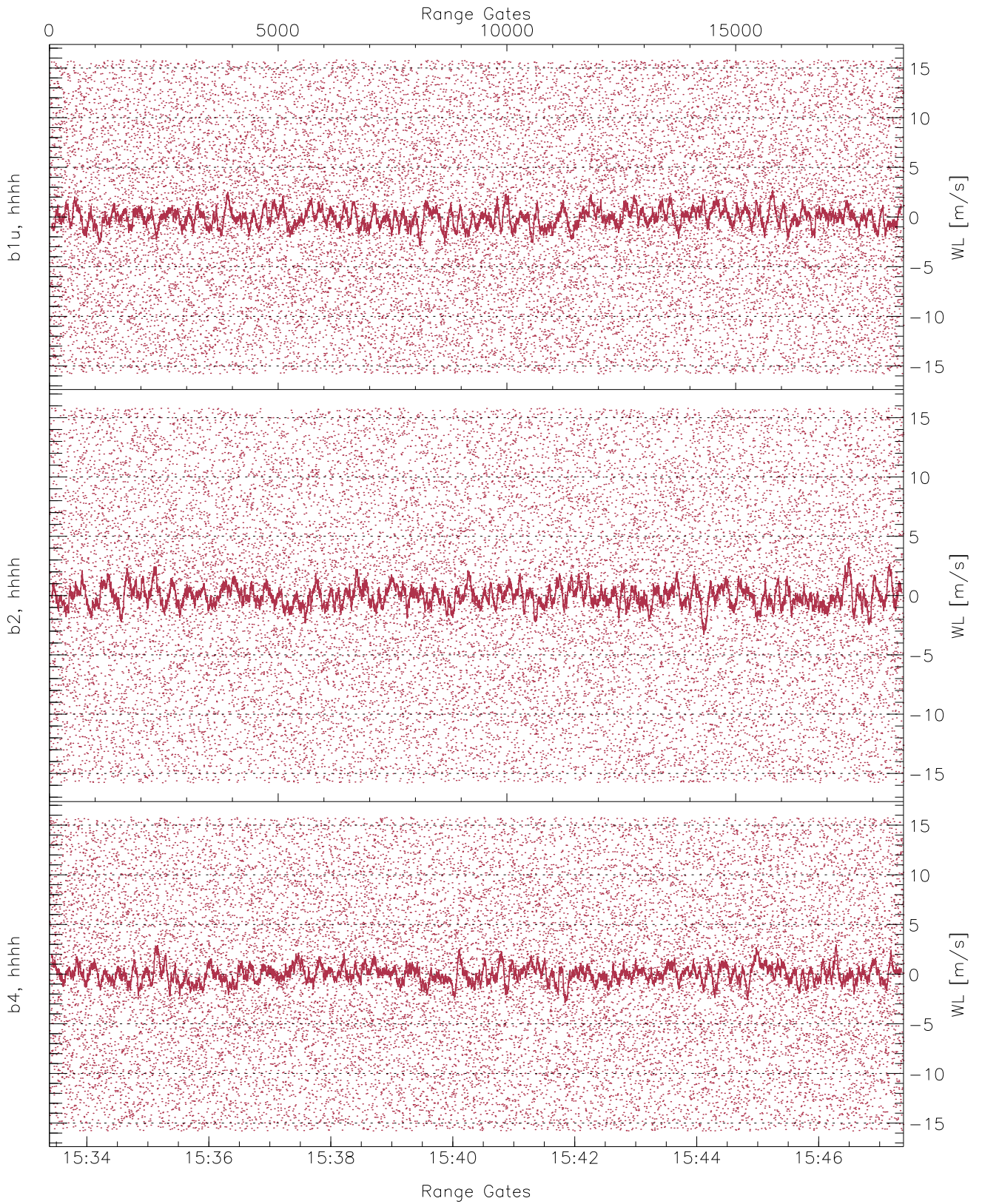
	Min	Max	Mean	Median	StDev
H1RG387_0 [dBm]	-66.45	-63.98	-65.20	-65.21	-76.50
V2RG308_0 [dBm]	-66.15	-63.68	-64.95	-64.95	-76.46
H2RG399_0 [dBm]	-66.05	-63.65	-64.86	-64.87	-76.37



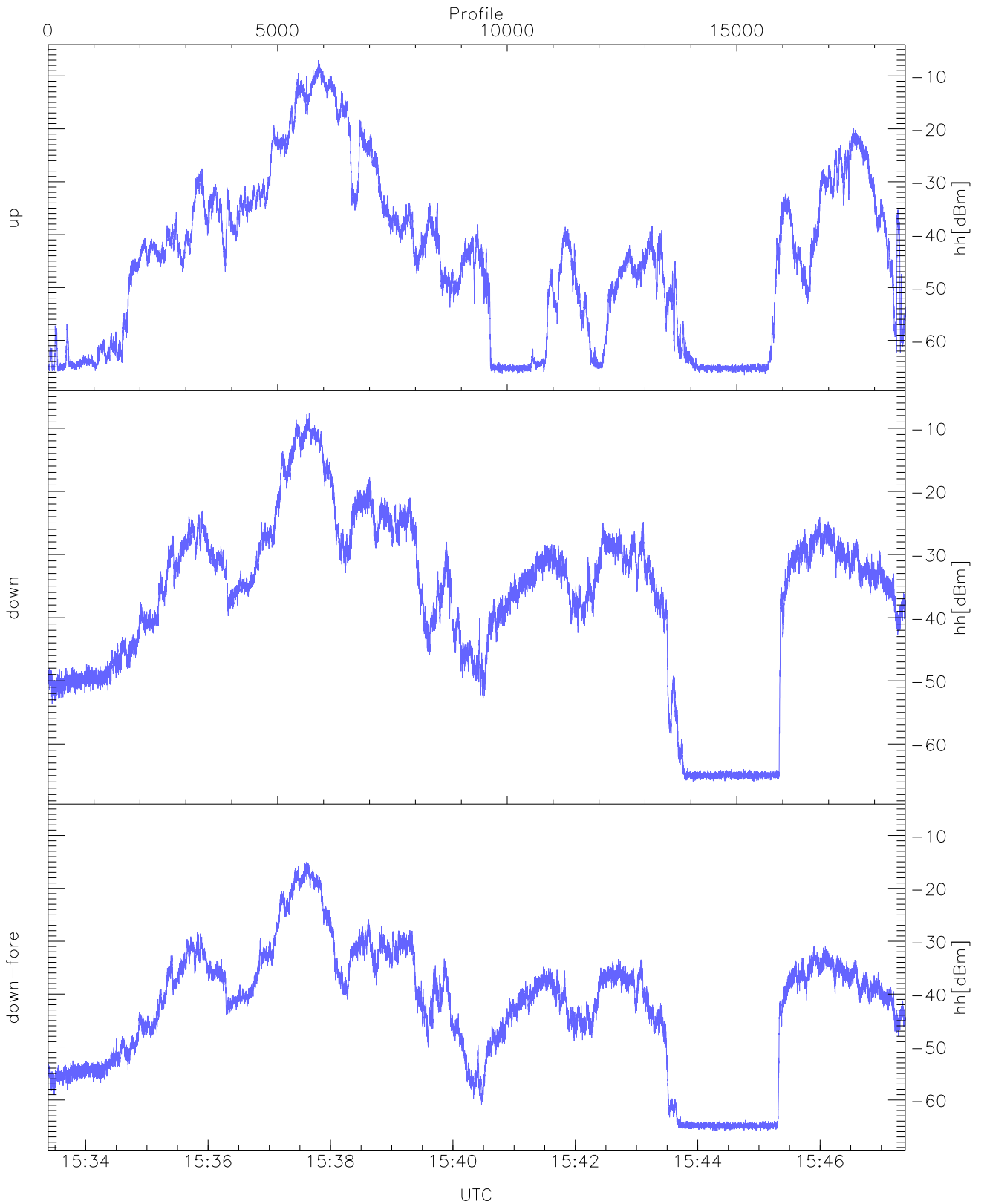
WCR3 CPP Averaged Received power for all recorded gates
blue: 153323-154023, 9336 profiles averaged
red: 154023-154723, 9335 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 153323-154023, 9336 profiles averaged
red: 154023-154723, 9335 profiles averaged

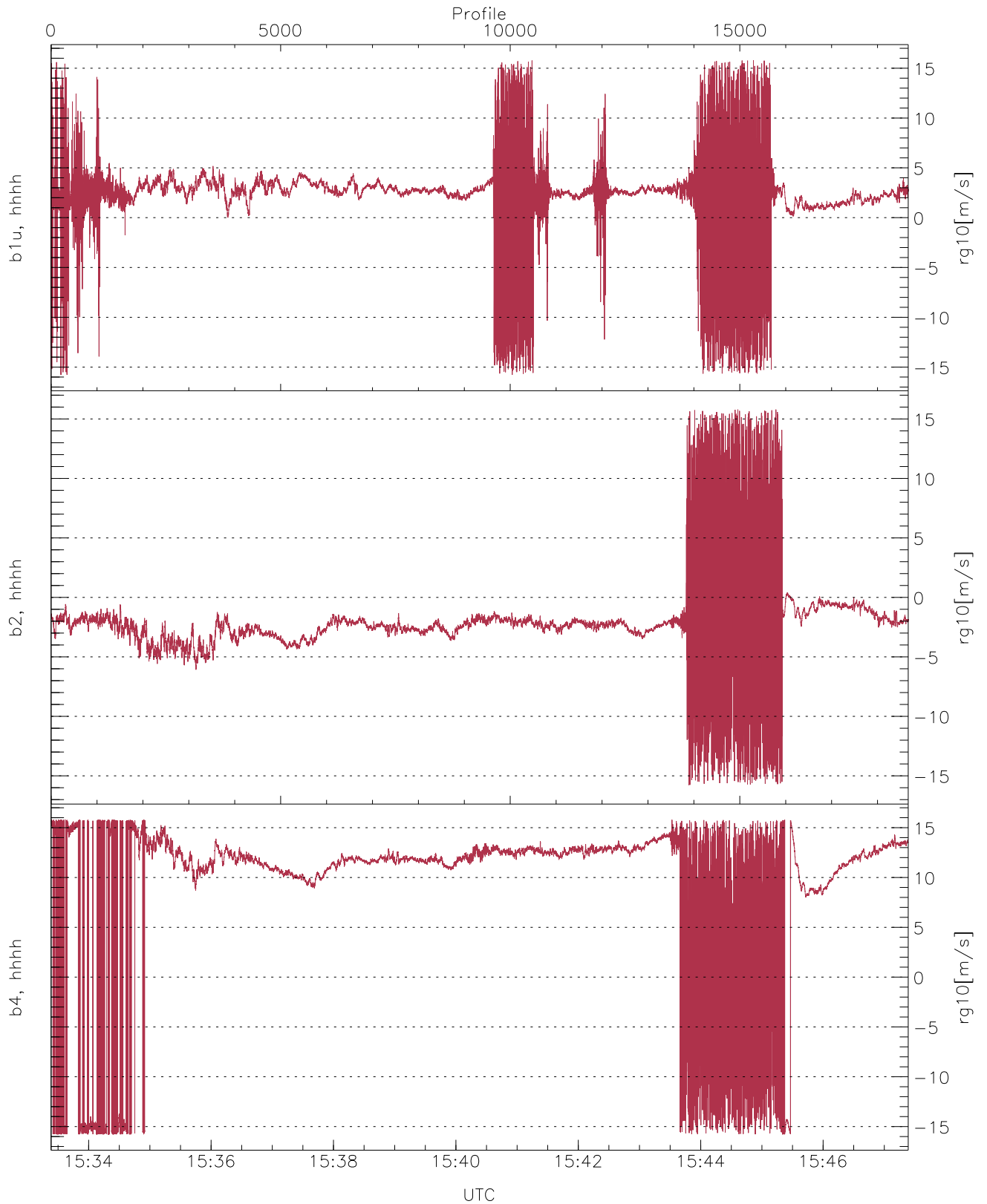


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR3 CPP Received Power Products for Range gate 10 (255.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.54	-7.04	-23.70
down(hh[dBm])	-65.93	-7.70	-23.72
down-fore(hh[dBm])	-65.92	-14.94	-30.72



WCR3 CPP Doppler Velocity Products at 255.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg10[m/s])	-15.78	15.78	2.21	3.44
b2, hhhh(rg10[m/s])	-15.77	15.79	-2.15	3.04
b4, hhhh(rg10[m/s])	-15.79	15.79	9.28	7.84