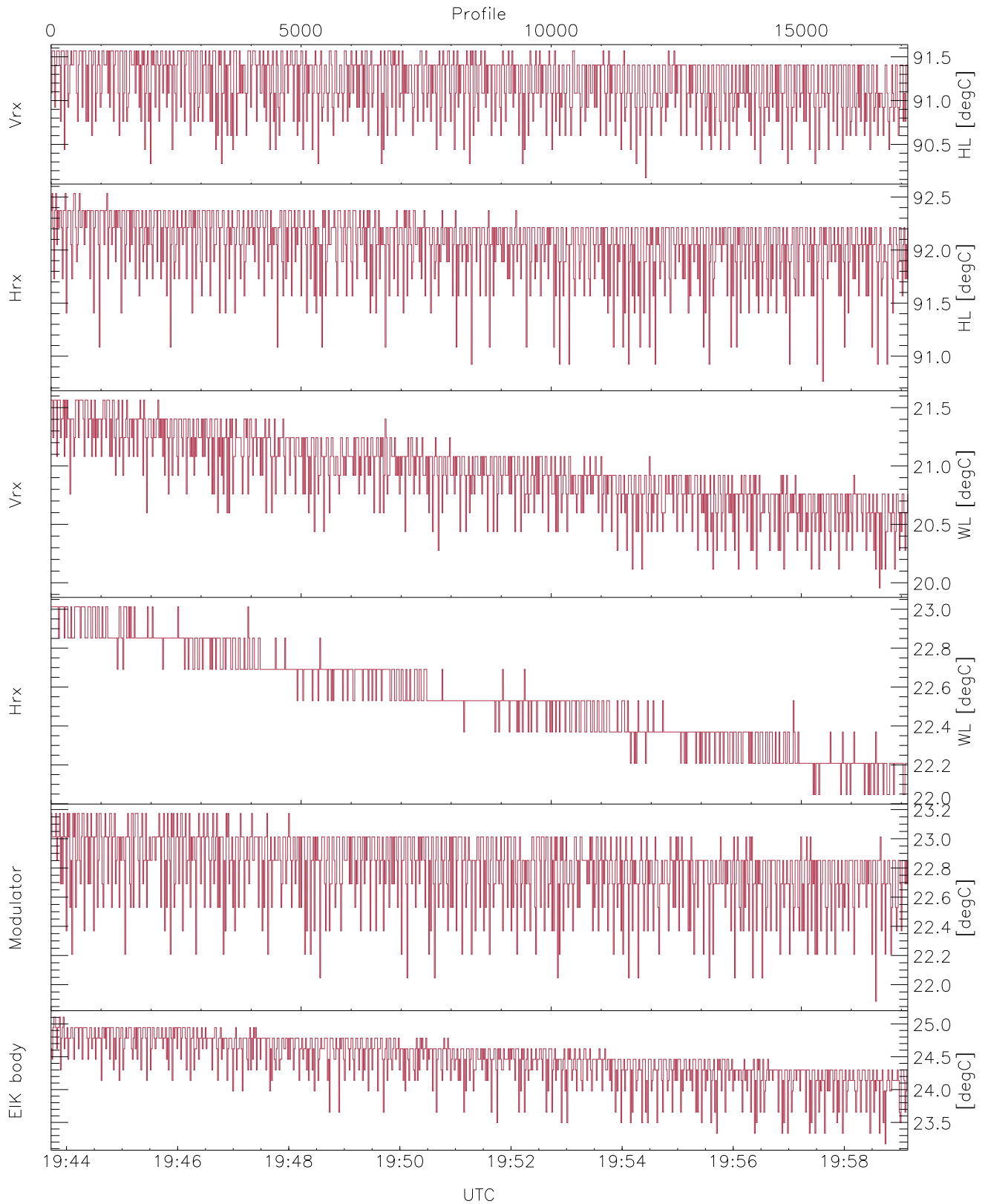


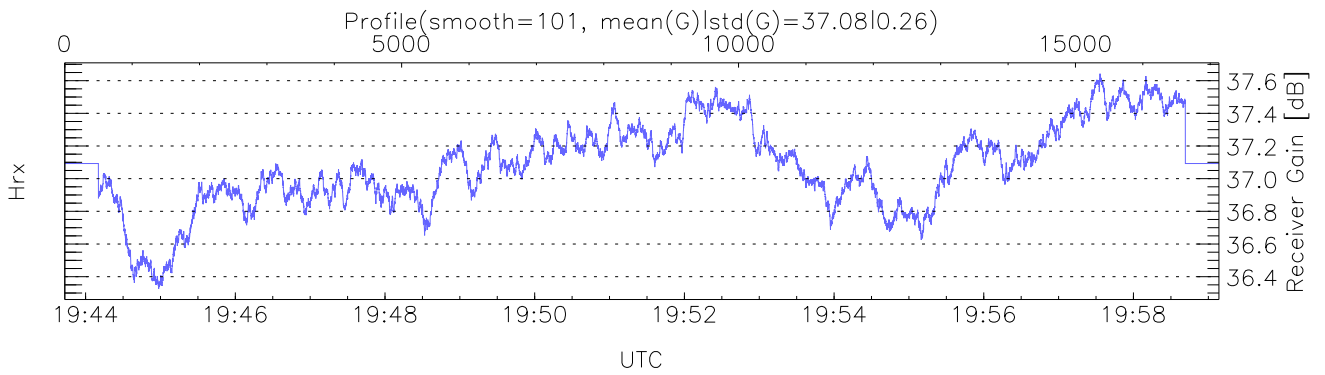
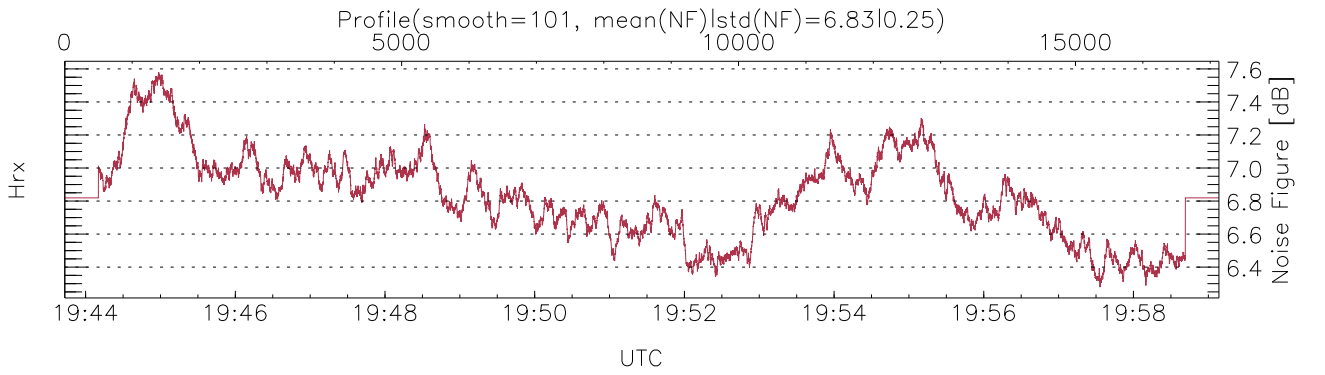
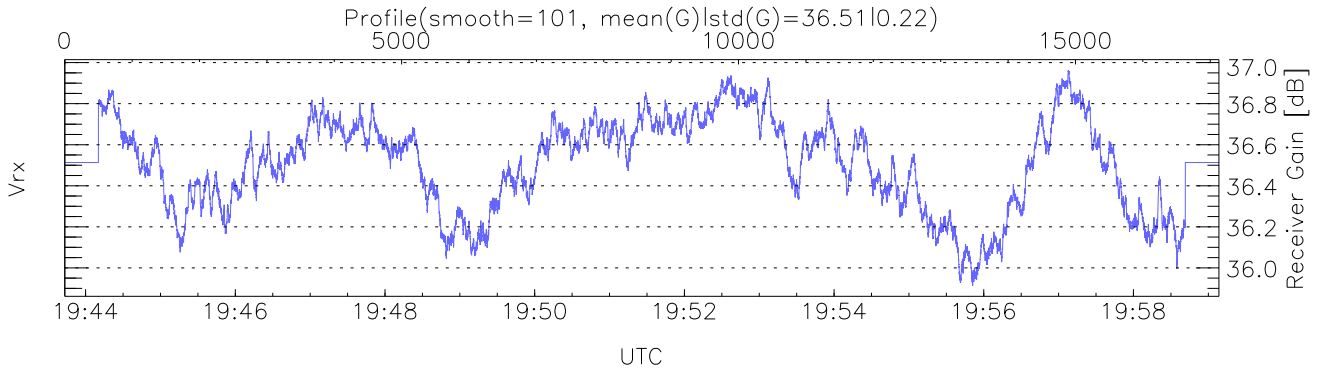
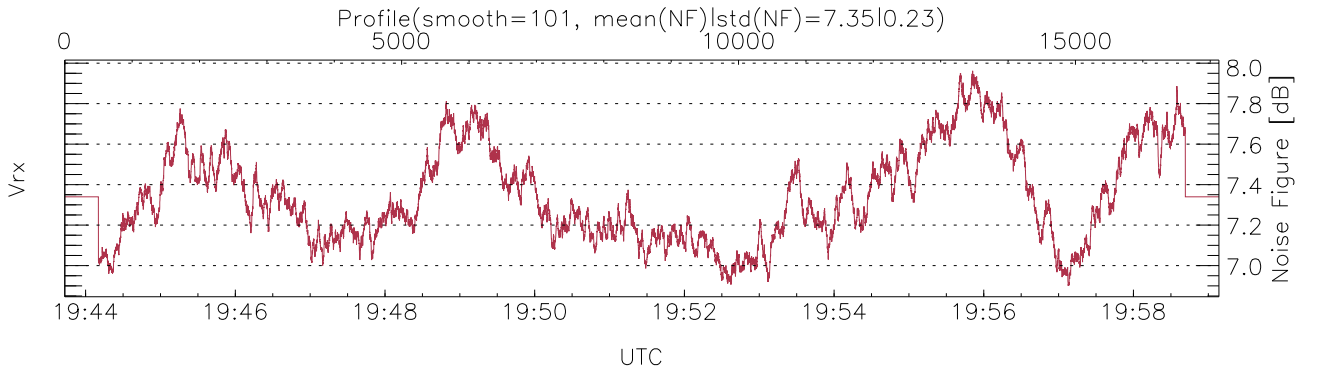
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:43:43-19:59:09, TimeCor: 0.00s, Dur: 925.25s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 18.5,18.5,18.5
 NumRec(r/t): 17131/17131, 0-17130/19:43:43-19:59:09
 AcqTime: 54.0ms, Rate: 0.273MB/s, Averages (req.,actual): 180,180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



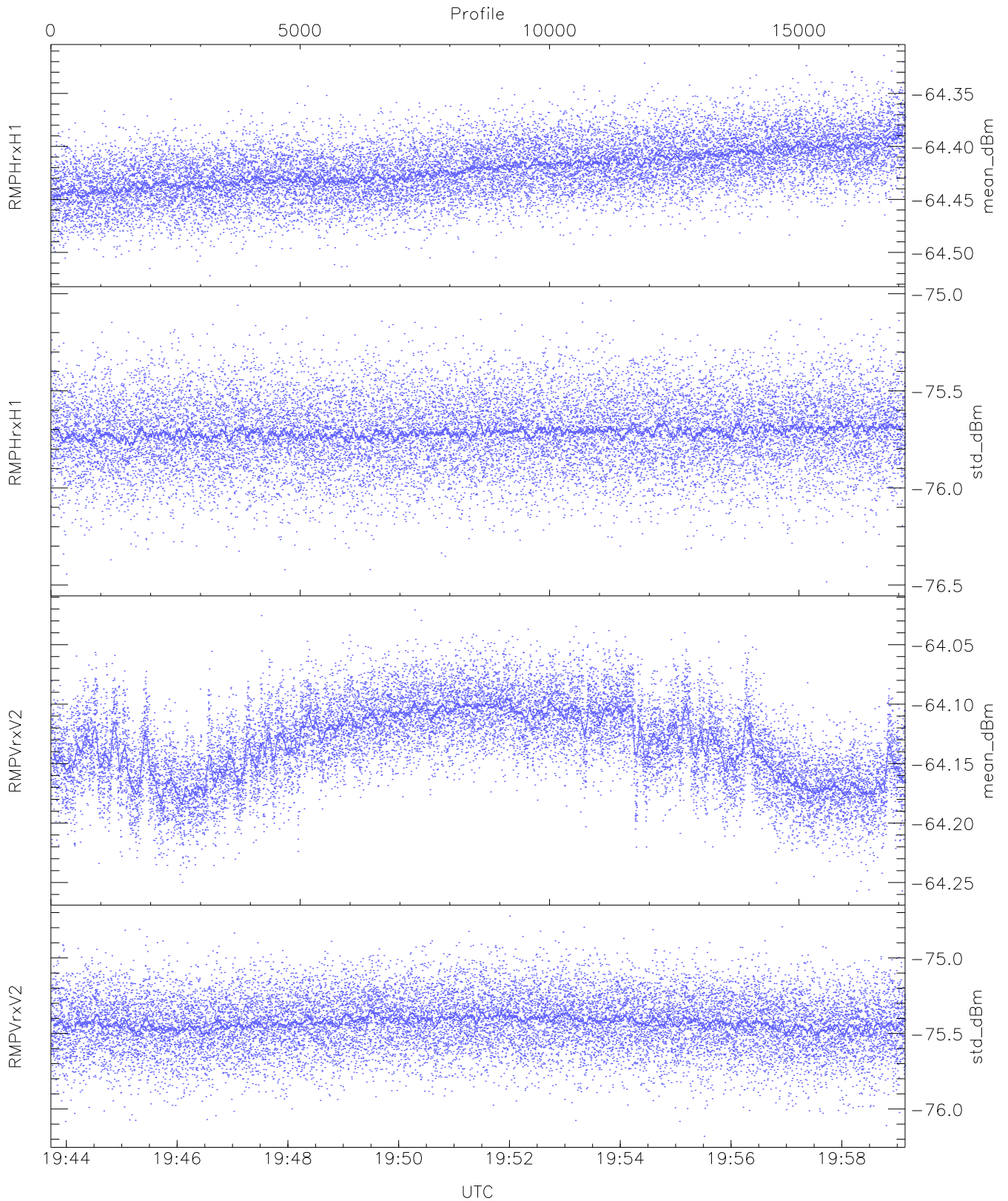
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,90,19,22,21,23
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,21,23,23,25
 LOalarm(20,240,2817,14861 MHz): 0,0,18,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (20,20,20,20,20,20)



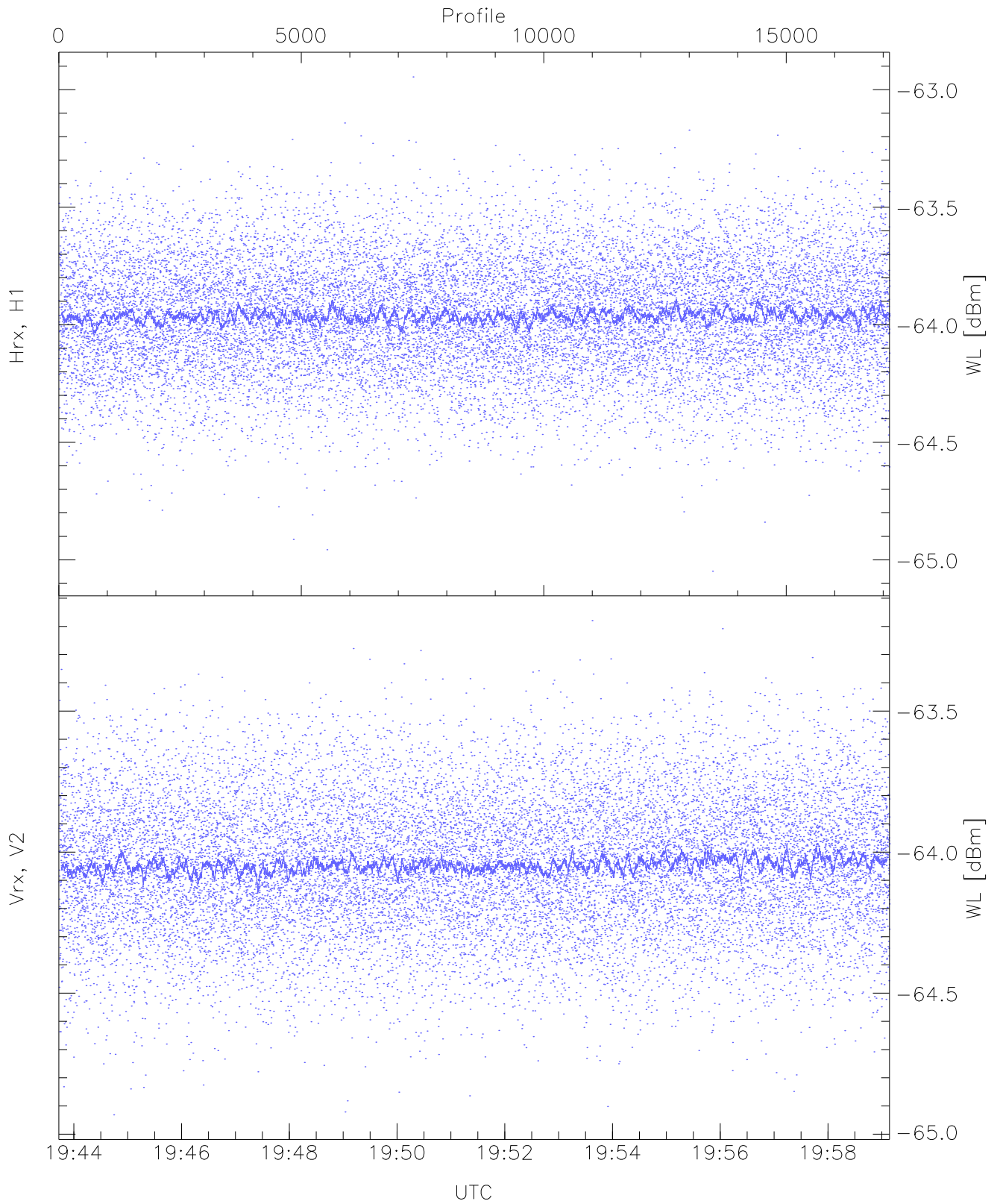
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 14 pixs, 3 gates, 14 profs, 1 prod(s)



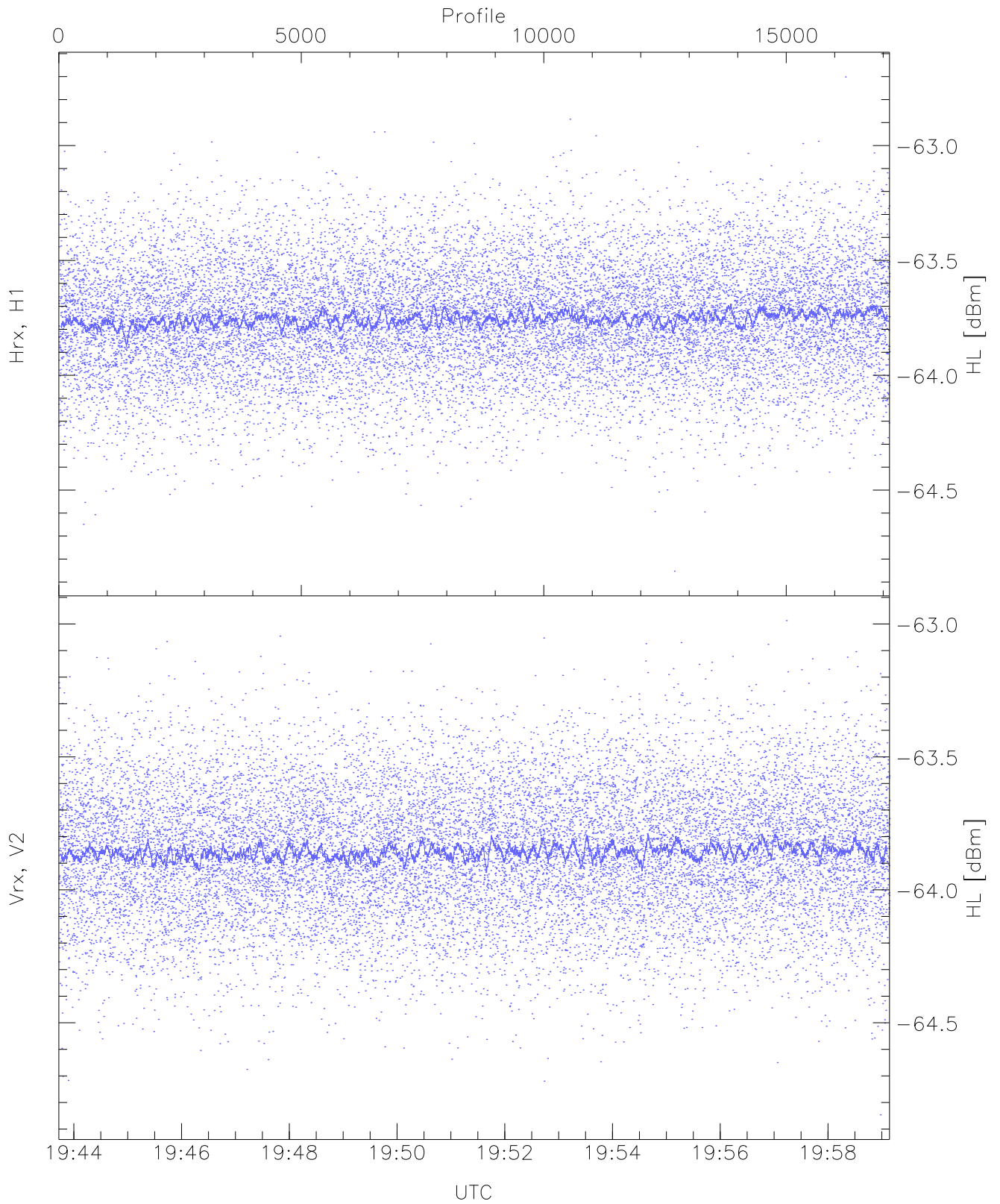
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-64.52	-64.31	-64.42	-64.42	-86.56
RMPHrxH1(std_dBm)	-76.48	-75.04	-75.71	-75.71	-89.52
RMPVrxV2(mean_dBm)	-64.26	-64.02	-64.13	-64.13	-85.09
RMPVrxV2(std_dBm)	-76.18	-74.72	-75.43	-75.43	-89.19



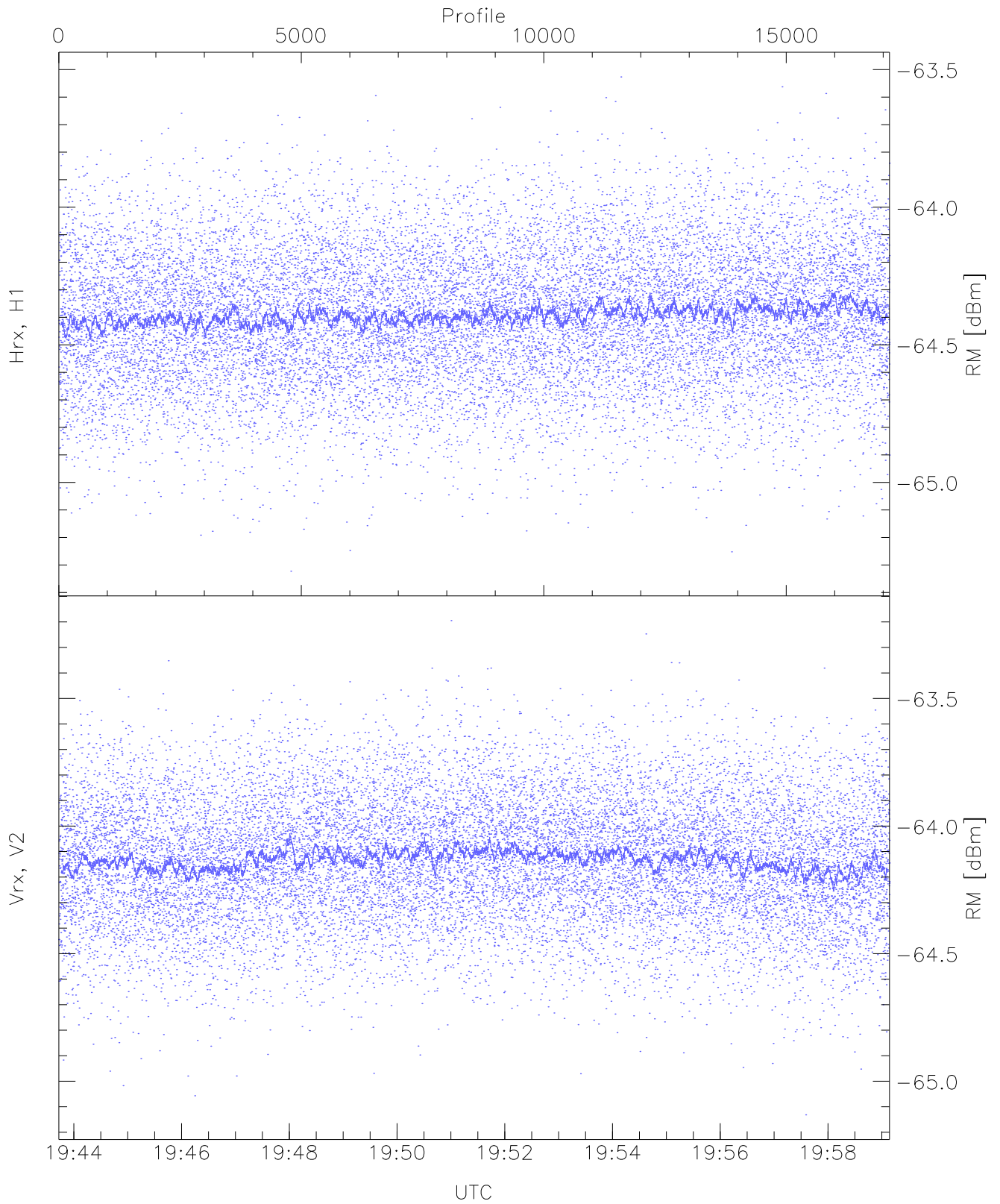
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.05	-62.95	-63.96	-63.96	-76.72
Vrx, V2(WL [dBm])	-64.93	-63.18	-64.04	-64.05	-76.86



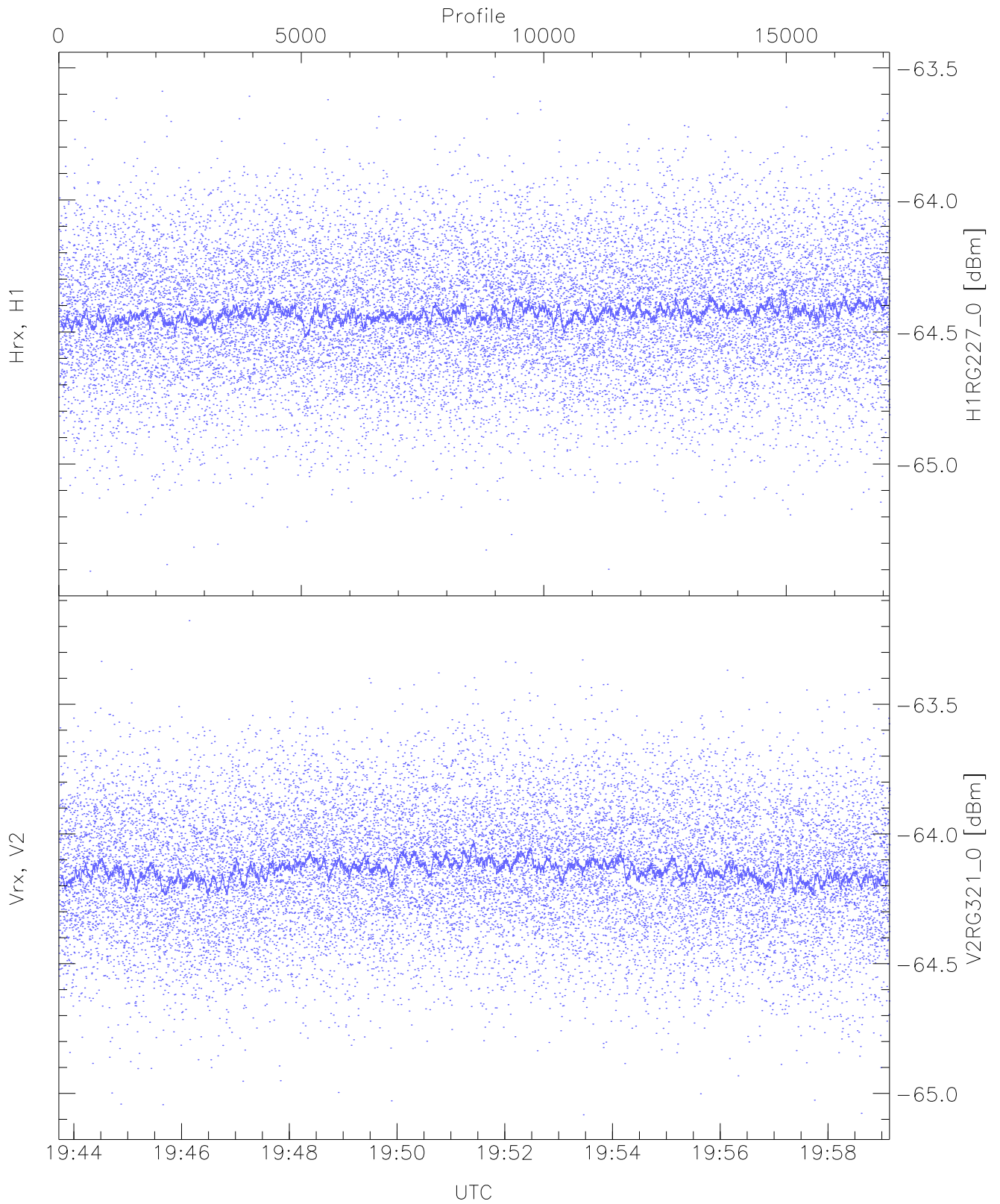
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-64.85	-62.70	-63.75	-63.76	-76.49
Vrx, V2(HL [dBm])	-64.85	-62.99	-63.85	-63.86	-76.60



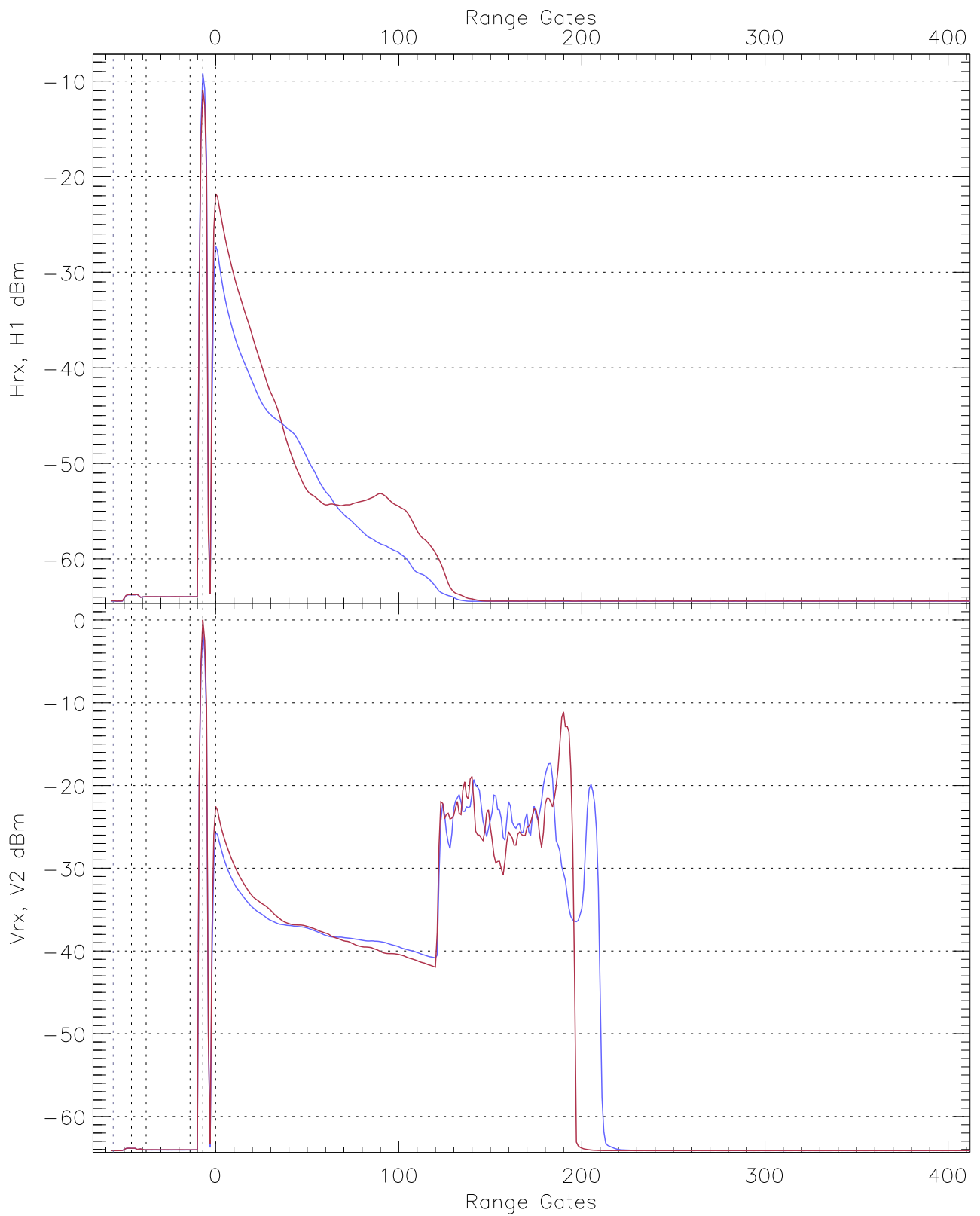
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-65.32	-63.53	-64.39	-64.39	-77.16
Vrx, V2(RM [dBm])	-65.13	-63.19	-64.13	-64.13	-76.90

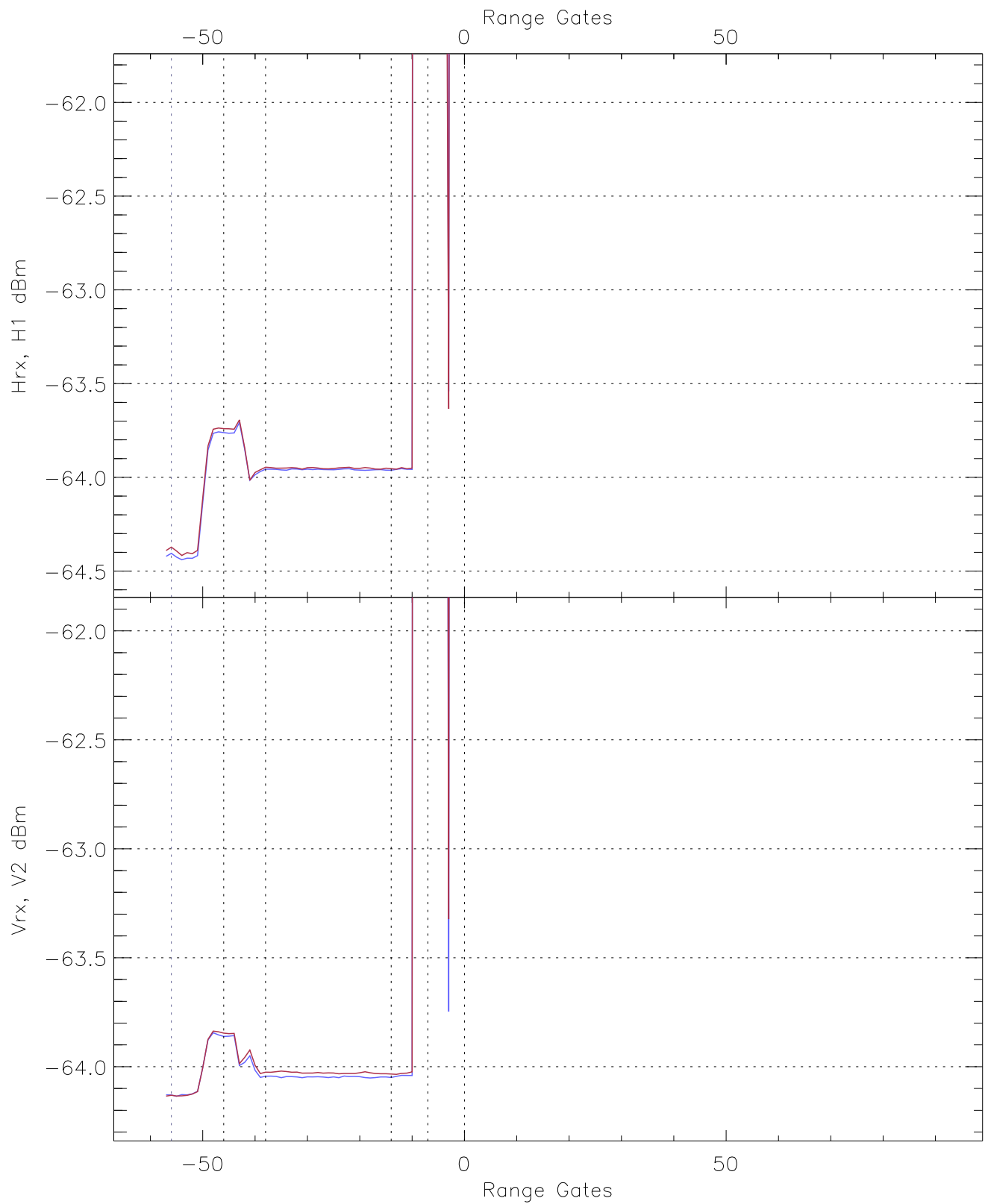


WCR3 CPP "Best" estimate Receivers Noise Power

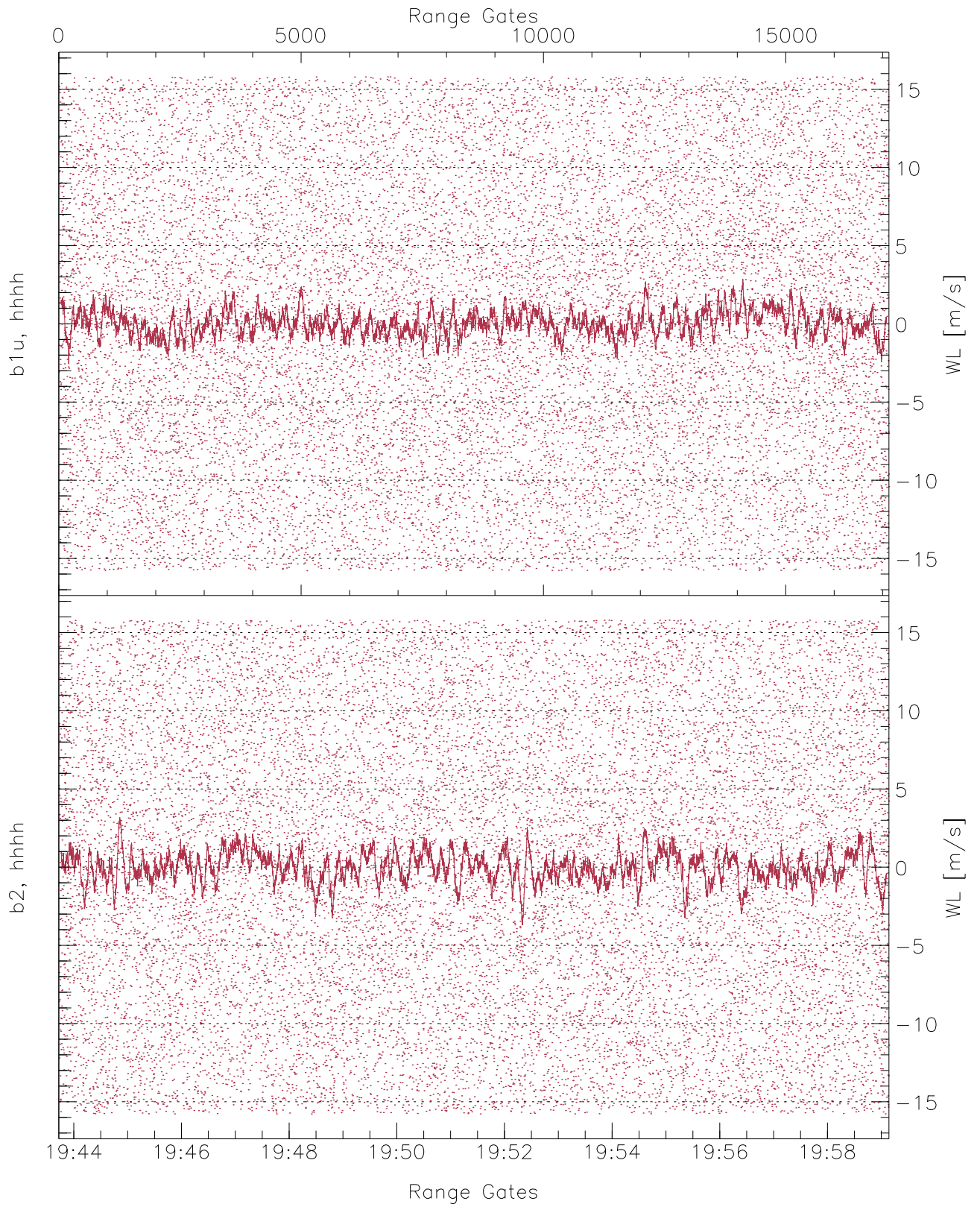
	Min	Max	Mean	Median	StDev
H1RG227_0 [dBm]	-65.41	-63.53	-64.43	-64.43	-77.17
V2RG321_0 [dBm]	-65.08	-63.18	-64.14	-64.14	-76.87



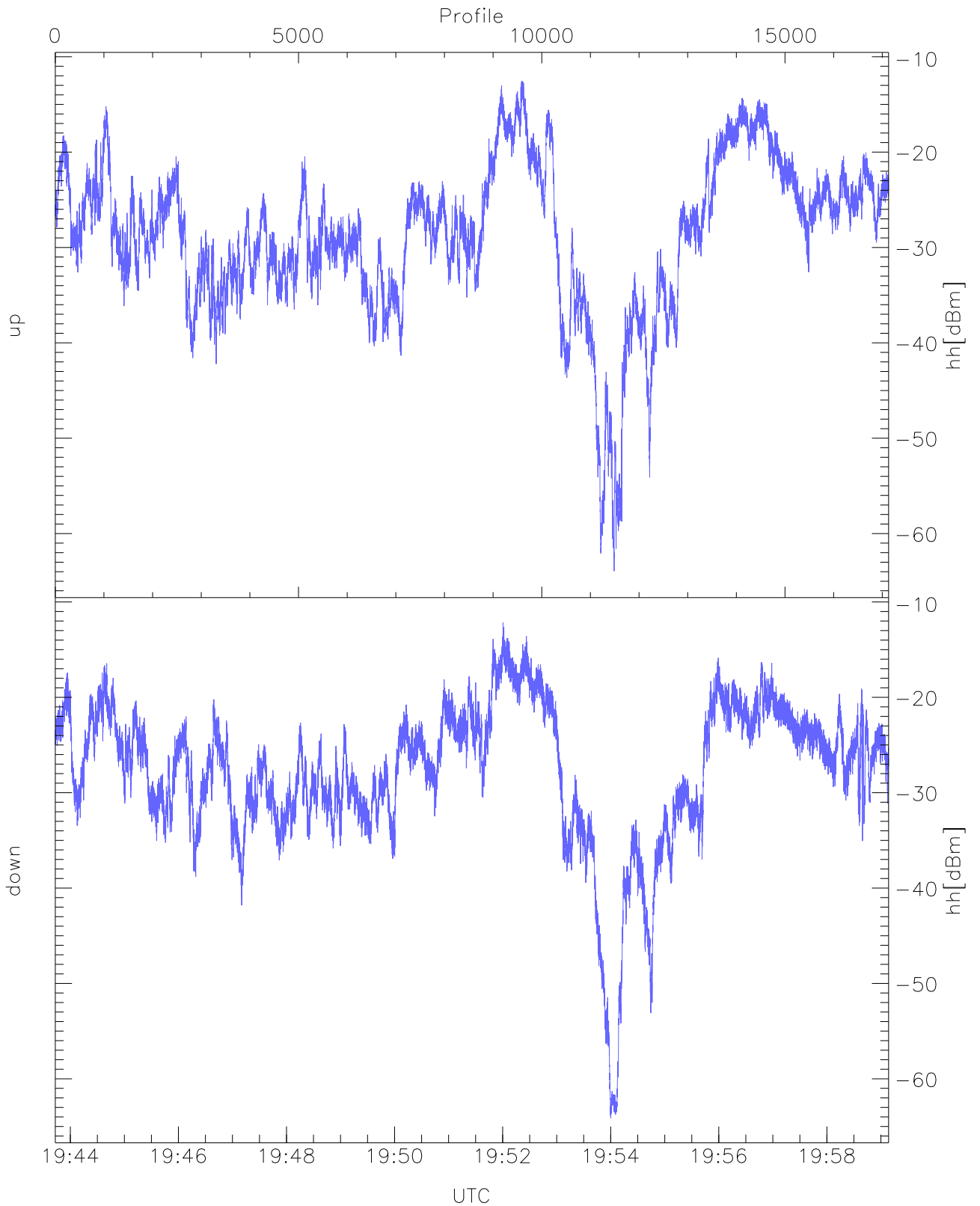
WCR3 CPP Averaged Received power for all recorded gates
 blue: 194343-195126, 8566 profiles averaged
 red: 195126-195909, 8566 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 194343-195126, 8566 profiles averaged
red: 195126-195909, 8566 profiles averaged

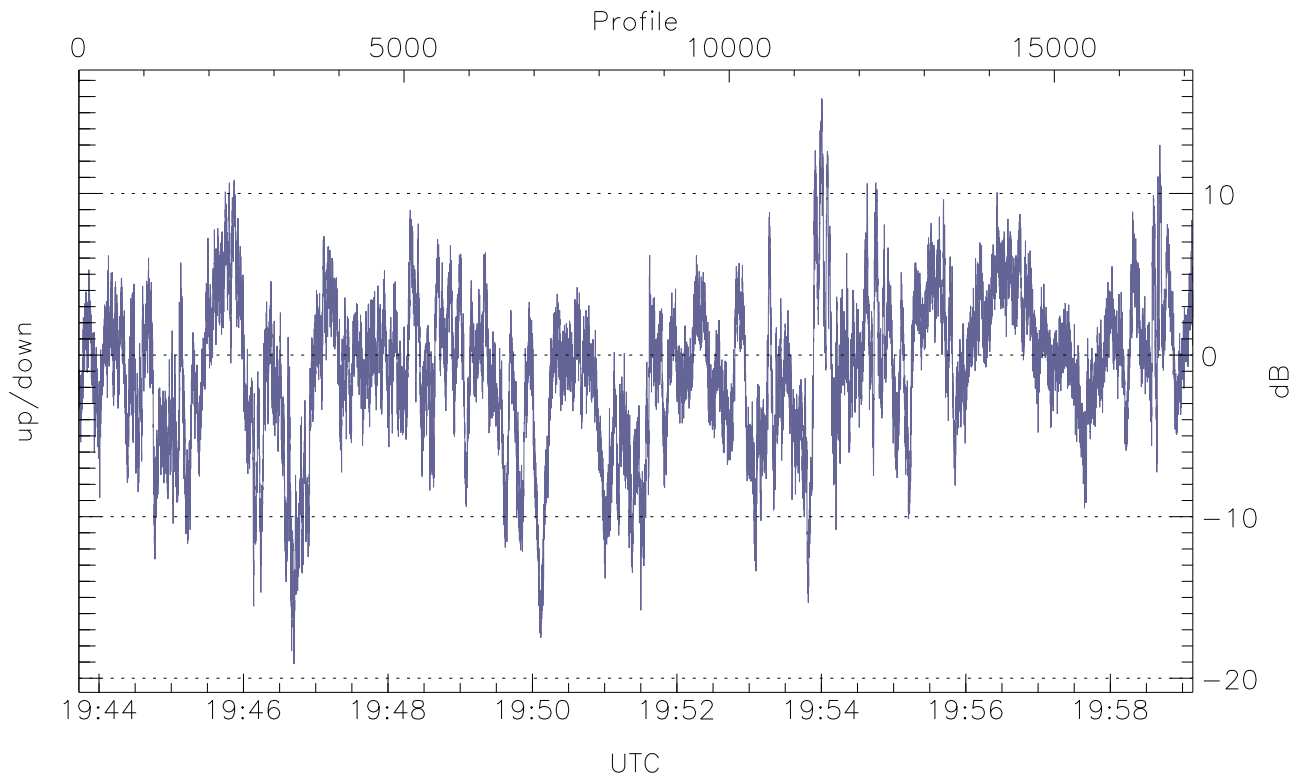


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



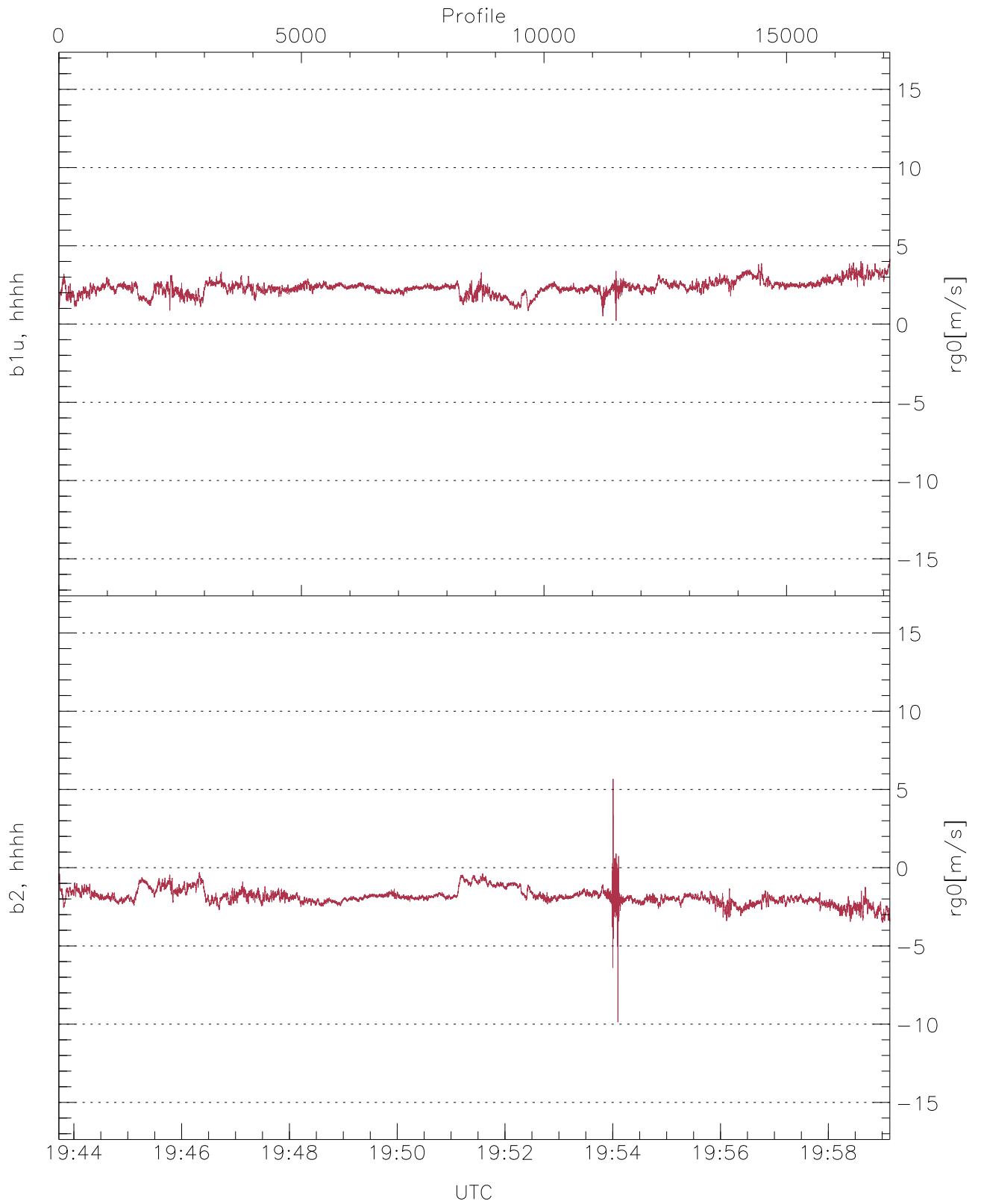
WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh[dBm])	-63.94	-12.54	-23.70
down(hh[dBm])	-64.12	-12.14	-23.83



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down (dB)	-19.12	15.89	-0.93



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	0.21	4.14	2.34	0.45
b2, hhhh(rg0[m/s])	-9.87	5.66	-1.85	0.50