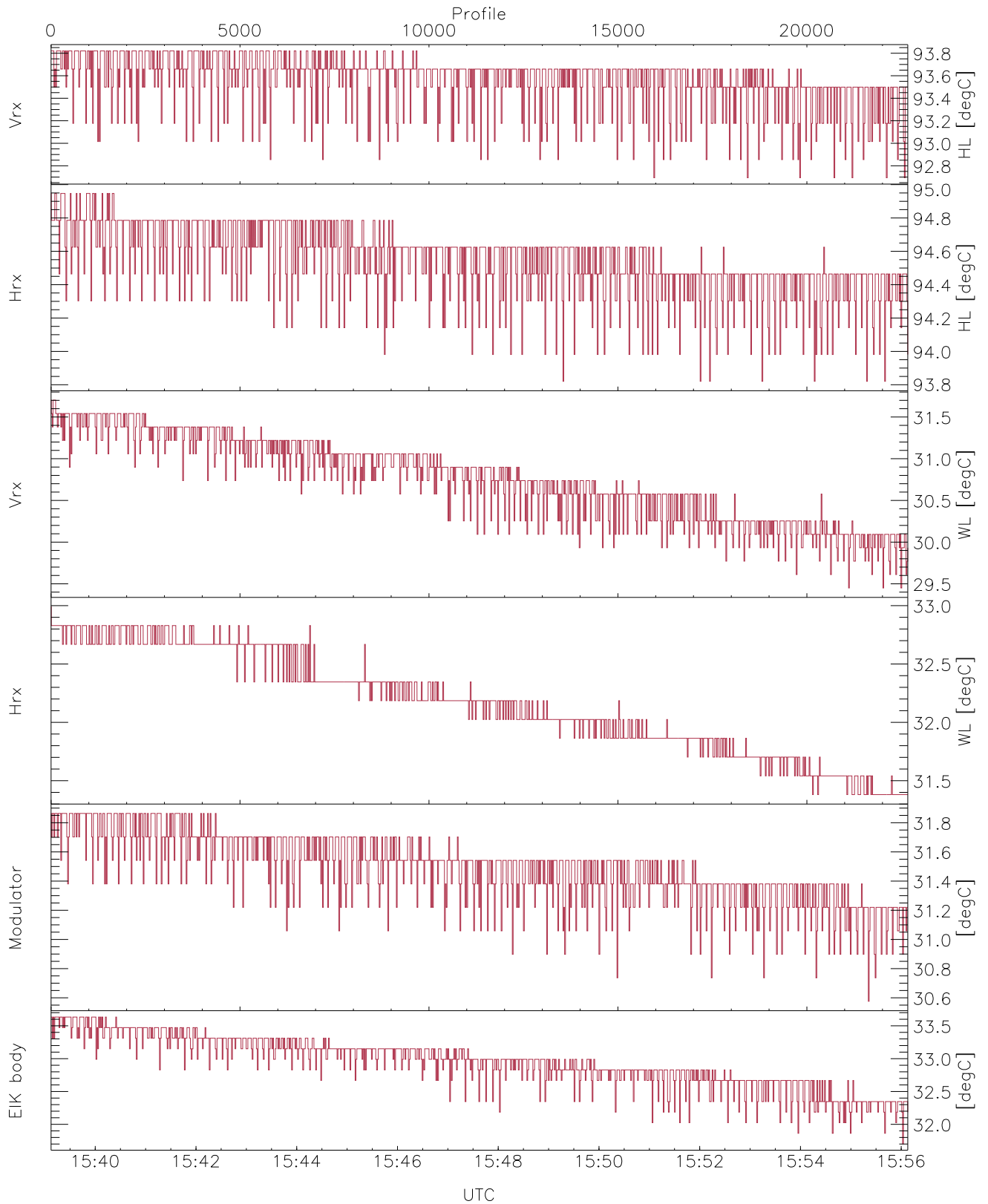


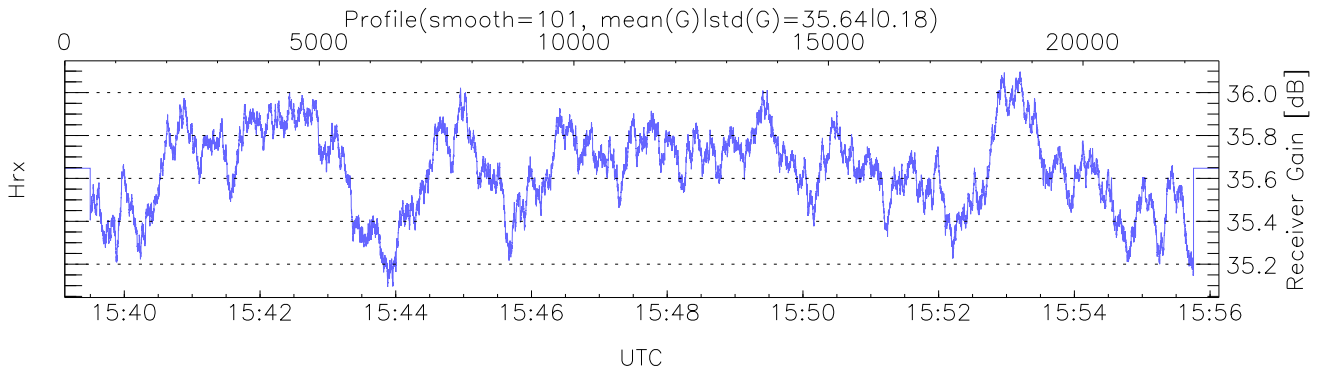
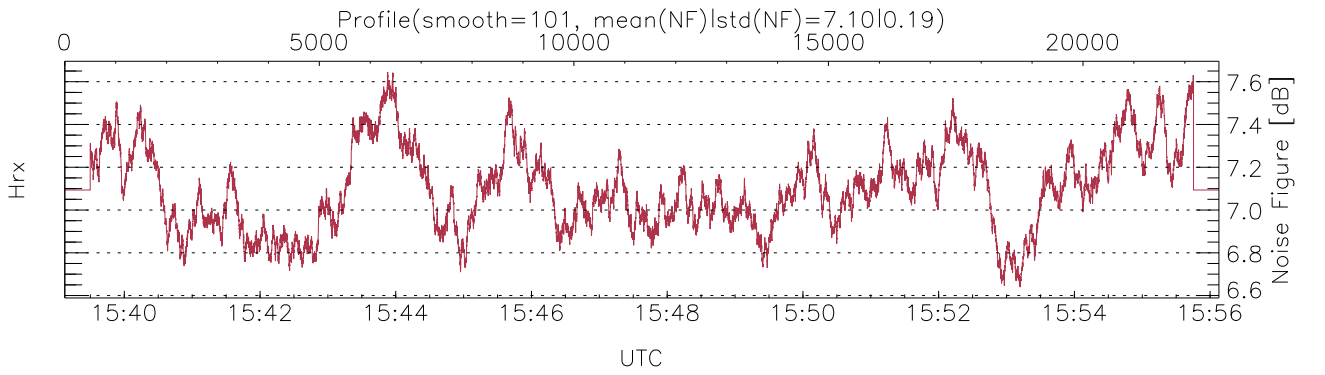
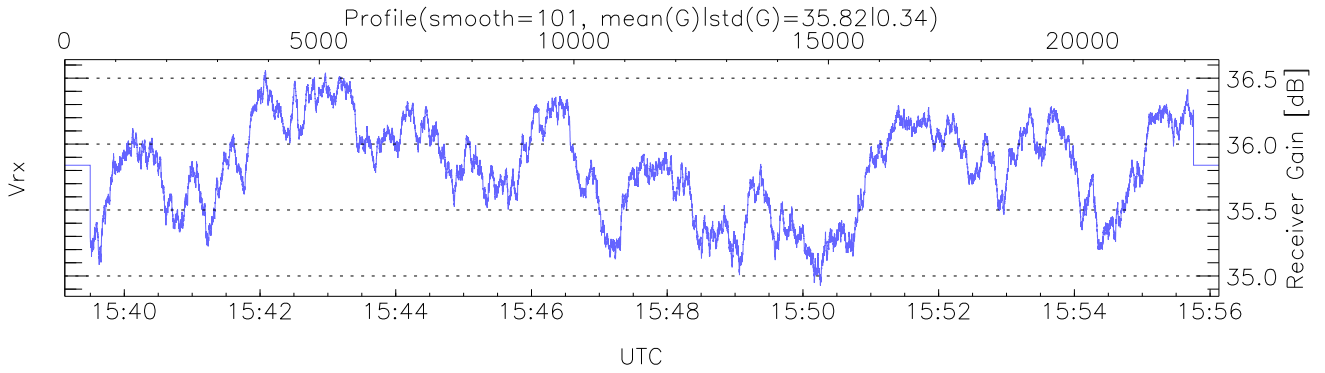
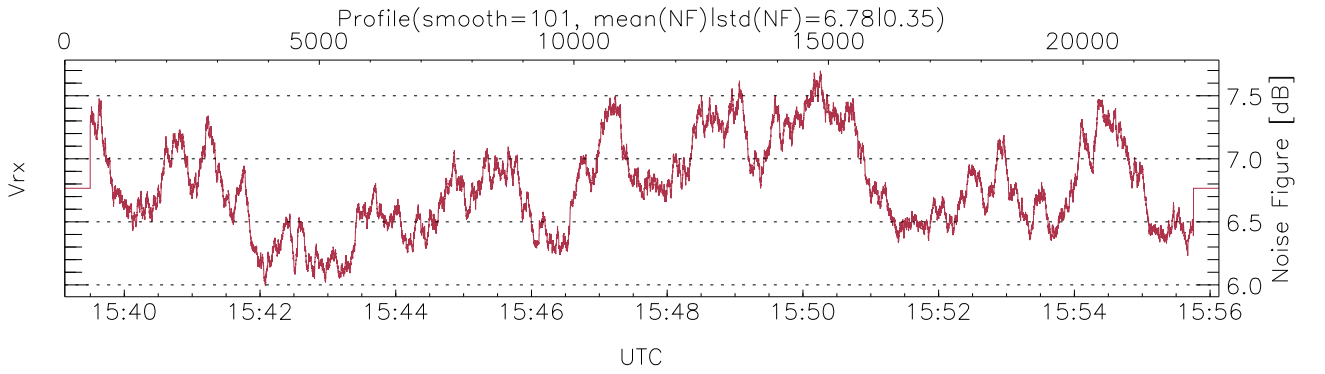
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:39:07-15:56:08, 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, 0-22671/15:39:07-15:56:08
 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,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



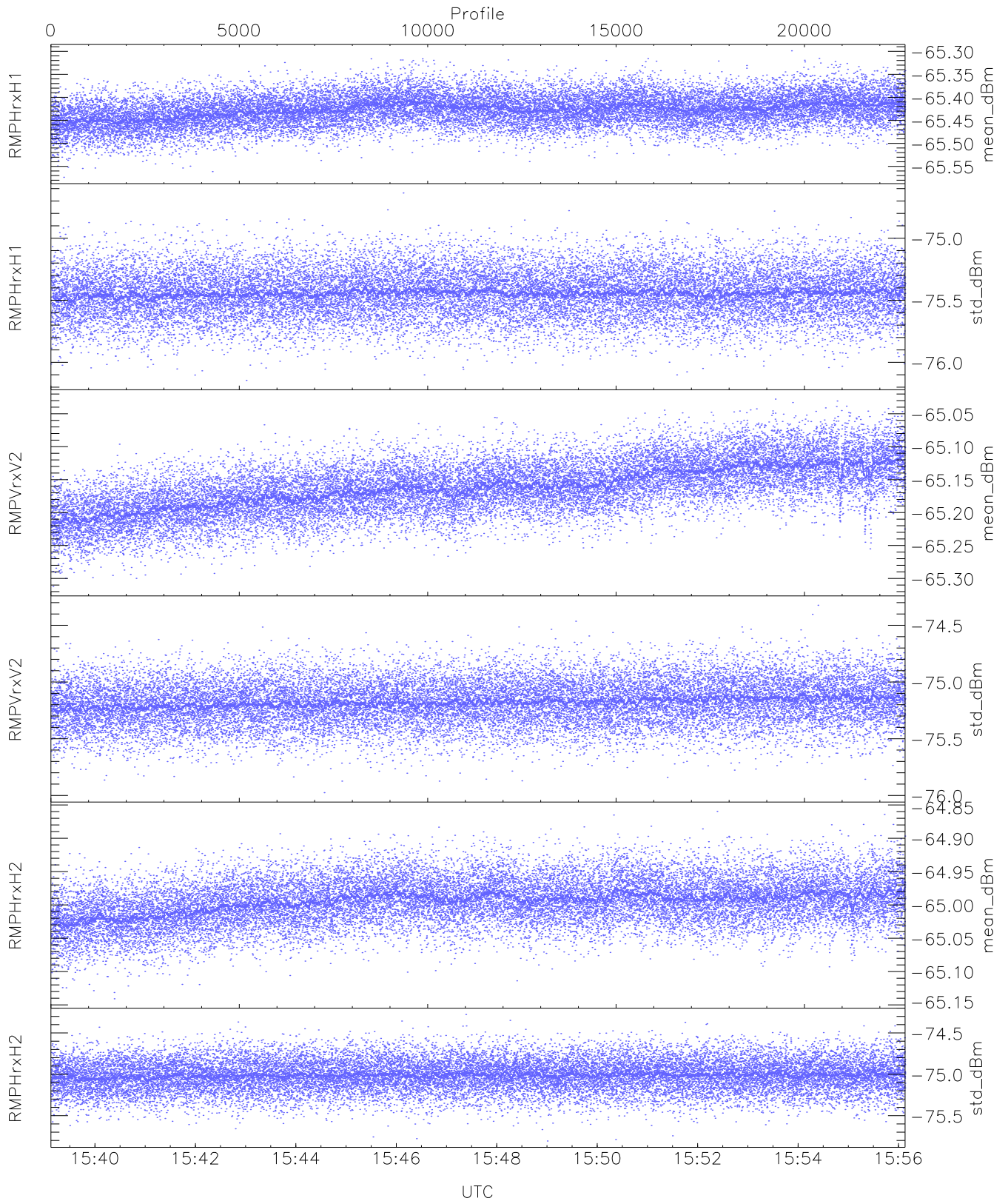
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,29,31,30,31
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,31,32,31,33
 LOalarm(20,240,2817,14861 MHz): 0,0,22,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (46,46,46,46,46,46)



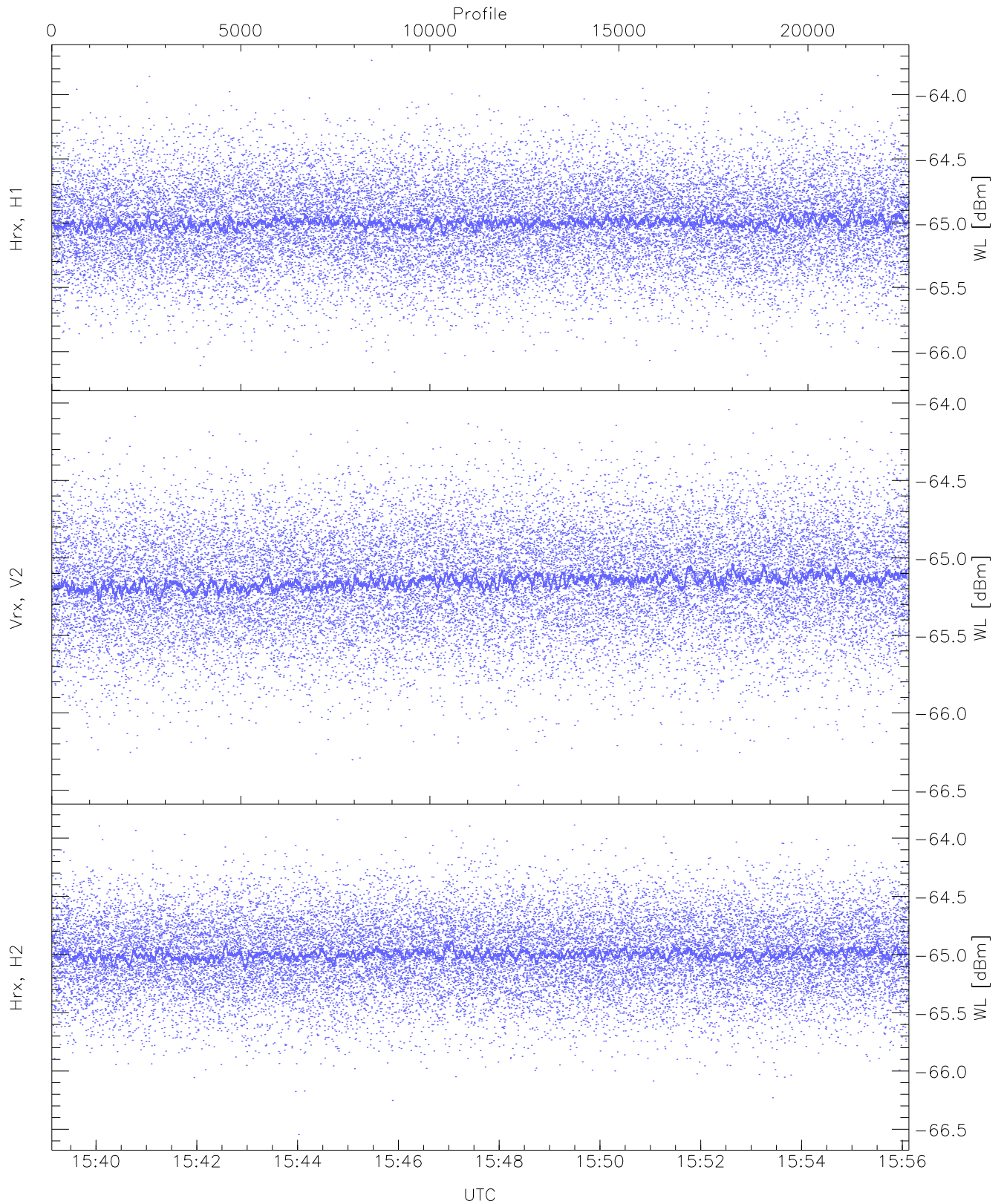
WCR3 CPP Receivers Gain and Noise Figure

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



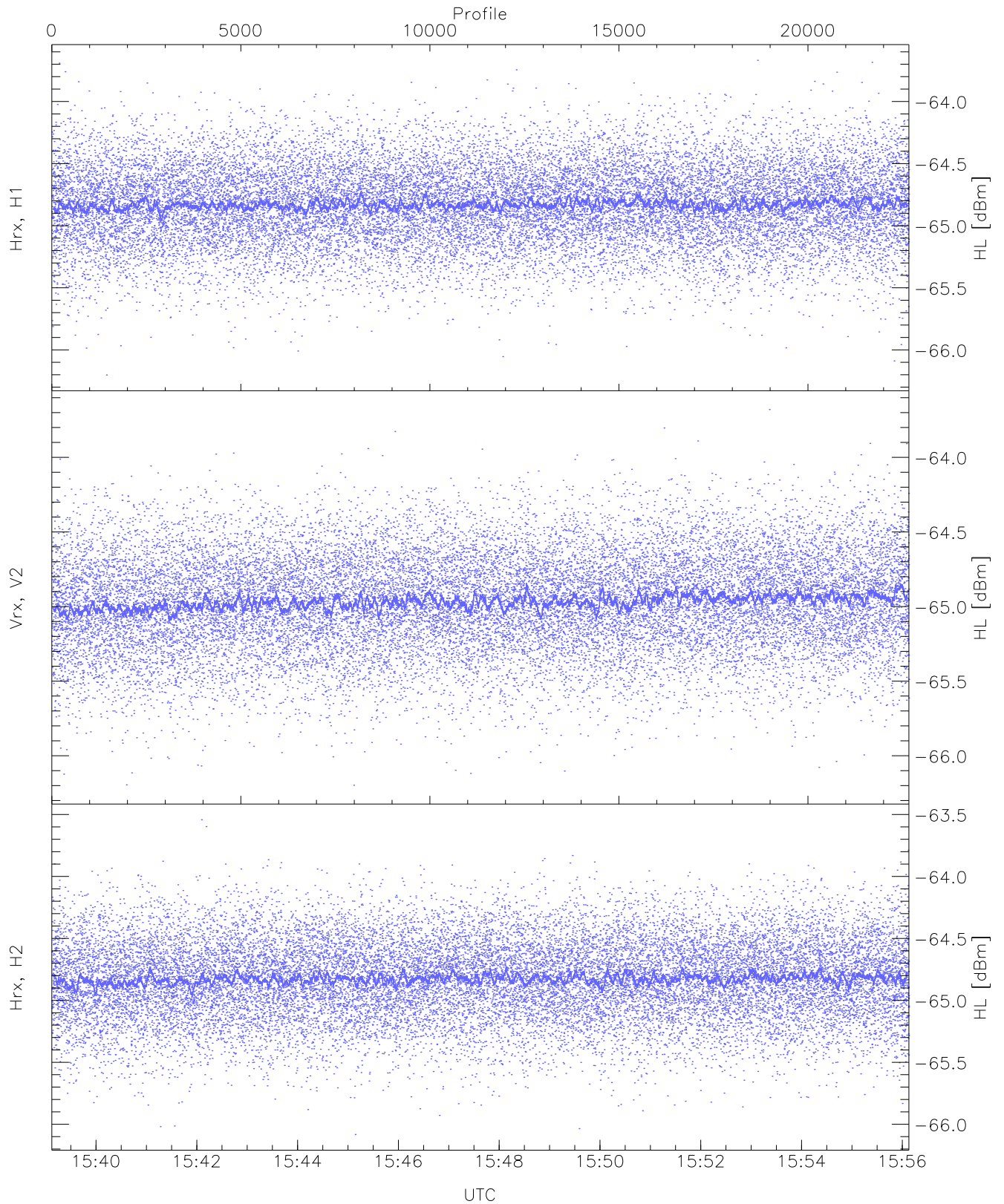
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.57	-65.30	-65.43	-65.43	-86.71
RMPHrxH1 (std_dBm)	-76.15	-74.64	-75.44	-75.45	-89.22
RMPVrxV2 (mean_dBm)	-65.31	-65.03	-65.16	-65.16	-85.53
RMPVrxV2 (std_dBm)	-75.98	-74.32	-75.18	-75.18	-88.86
RMPHrxH2 (mean_dBm)	-65.14	-64.86	-65.00	-65.00	-86.18
RMPHrxH2 (std_dBm)	-75.81	-74.28	-75.01	-75.01	-88.76



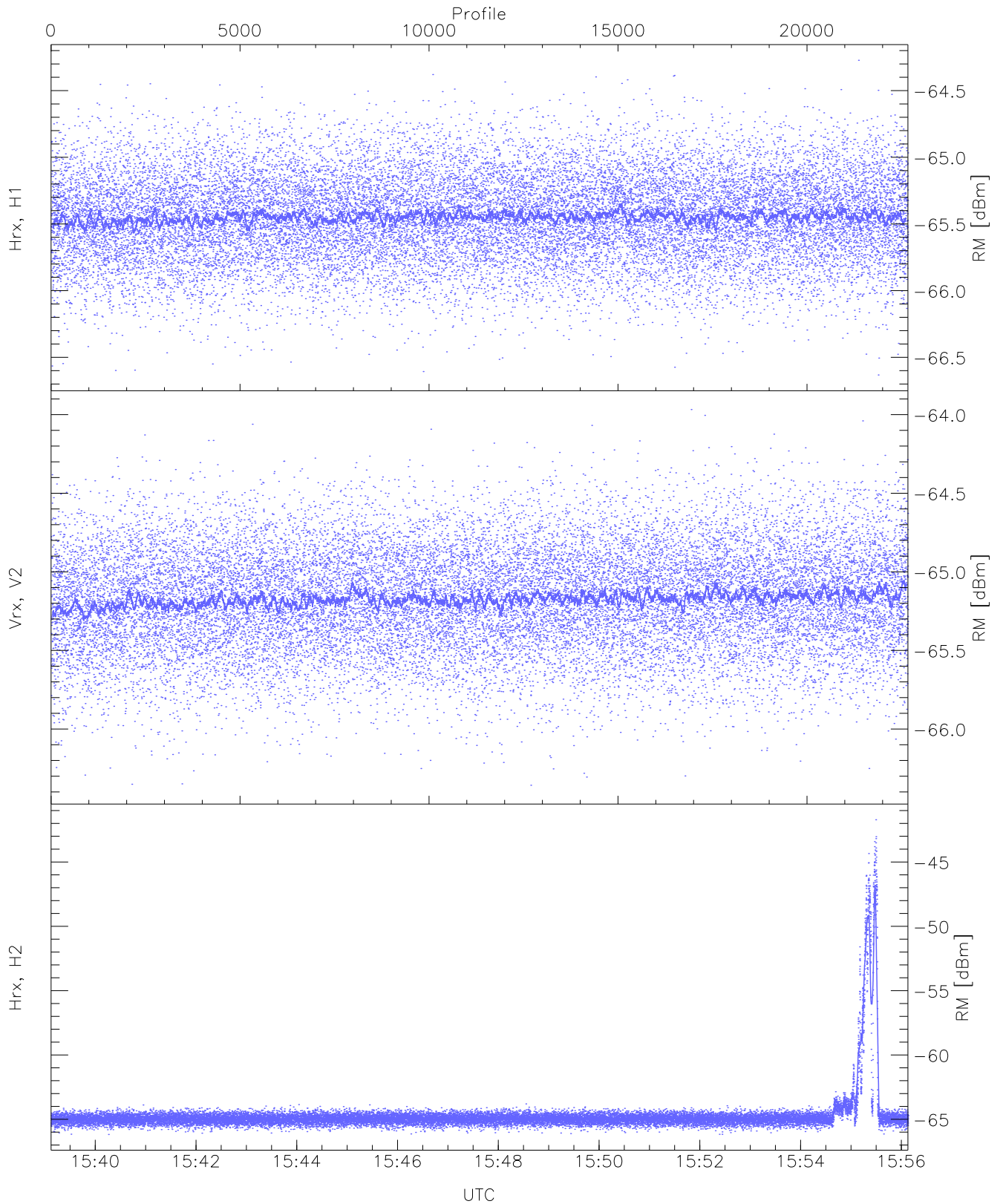
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.18	-63.73	-64.99	-65.00	-76.49
Vrx, V2 (WL [dBm])	-66.47	-64.04	-65.15	-65.15	-76.63
Hrx, H2 (WL [dBm])	-66.54	-63.84	-64.99	-65.00	-76.48



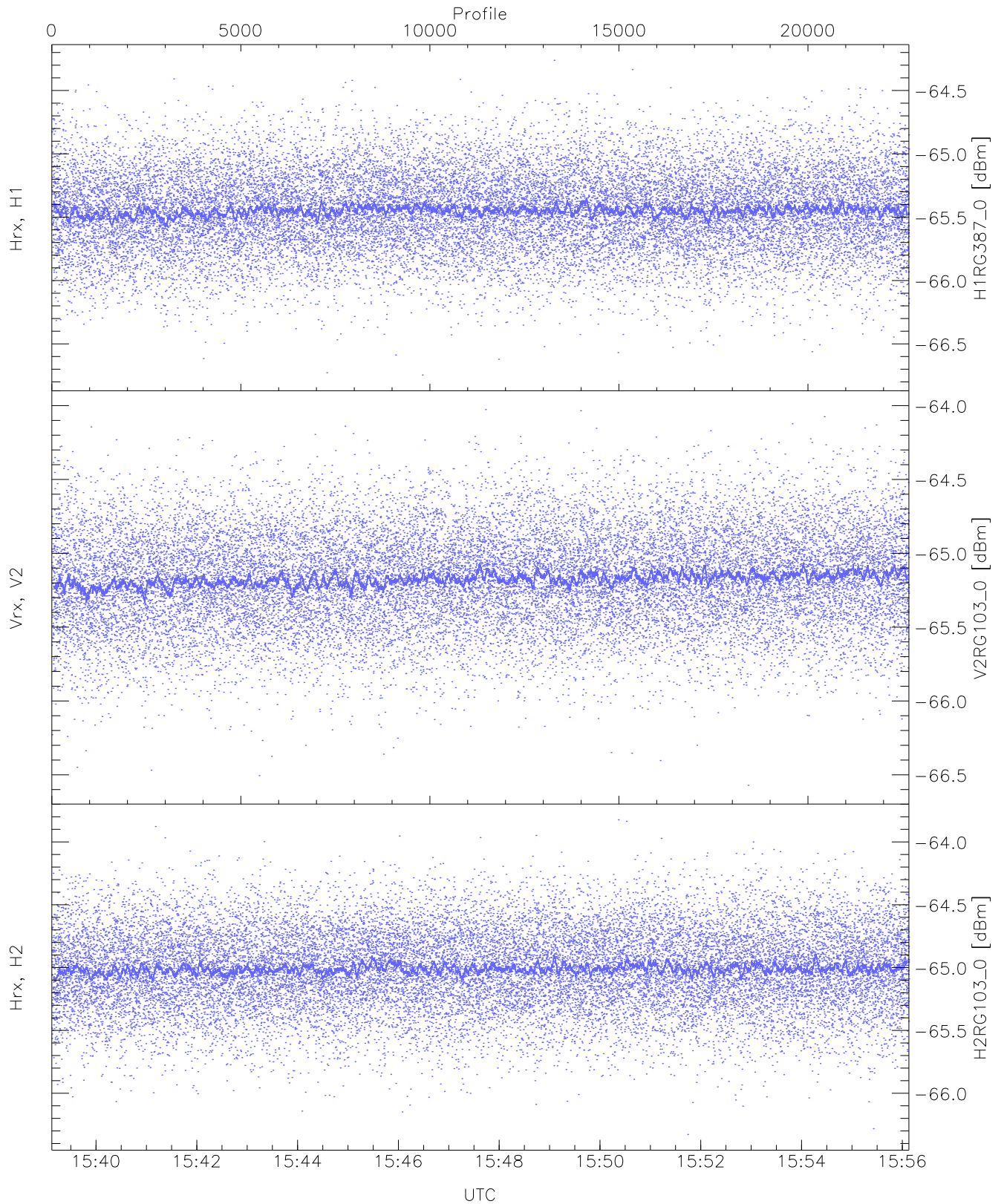
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.20	-63.67	-64.82	-64.83	-76.36
Vrx, V2 (HL [dBm])	-66.20	-63.68	-64.96	-64.97	-76.43
Hrx, H2 (HL [dBm])	-66.08	-63.54	-64.82	-64.82	-76.33



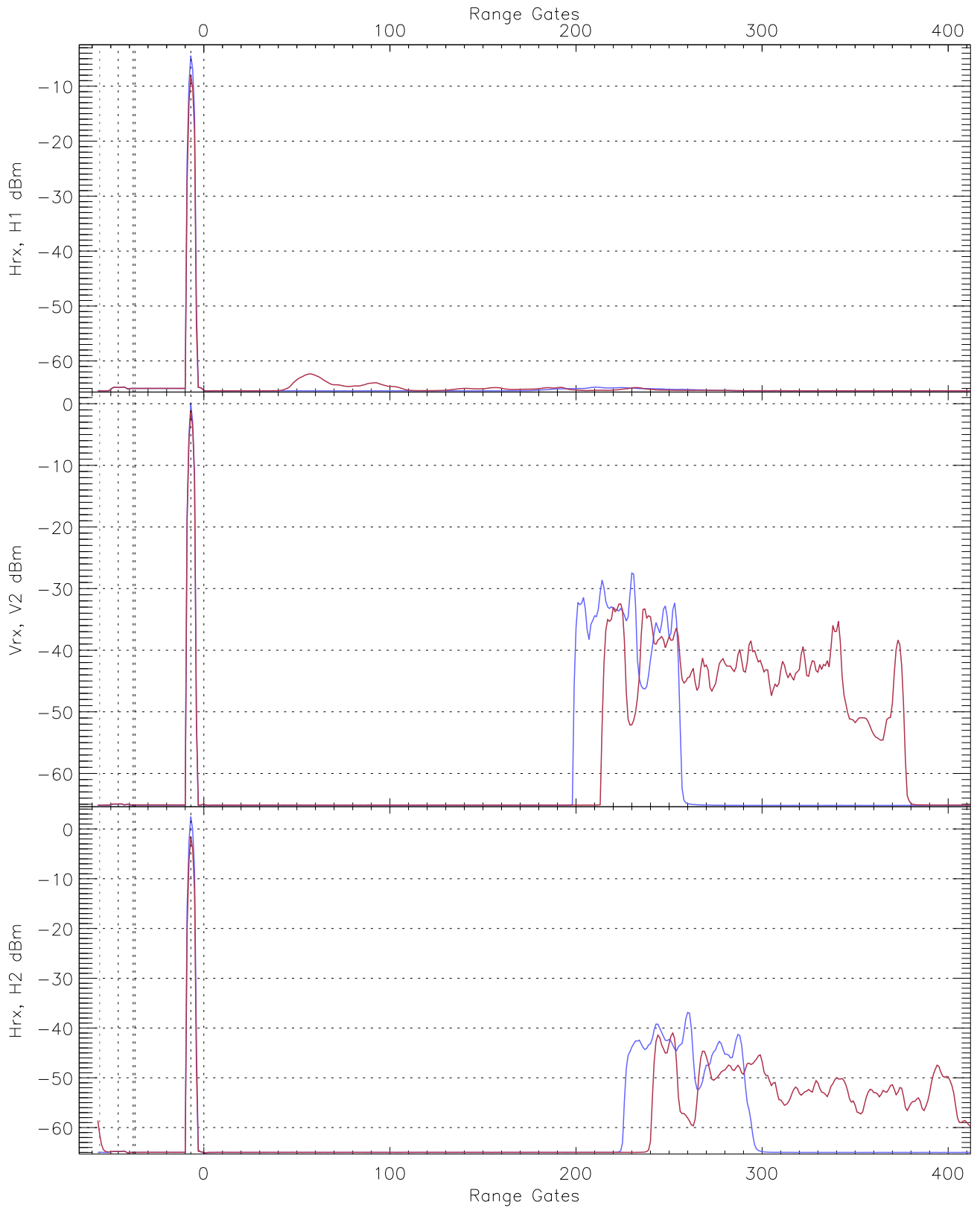
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.63	-64.27	-65.44	-65.45	-76.94
Vrx, V2 (RM [dBm])	-66.36	-63.97	-65.17	-65.17	-76.65
Hrx, H2 (RM [dBm])	-66.18	-41.72	-62.79	-64.96	-56.97

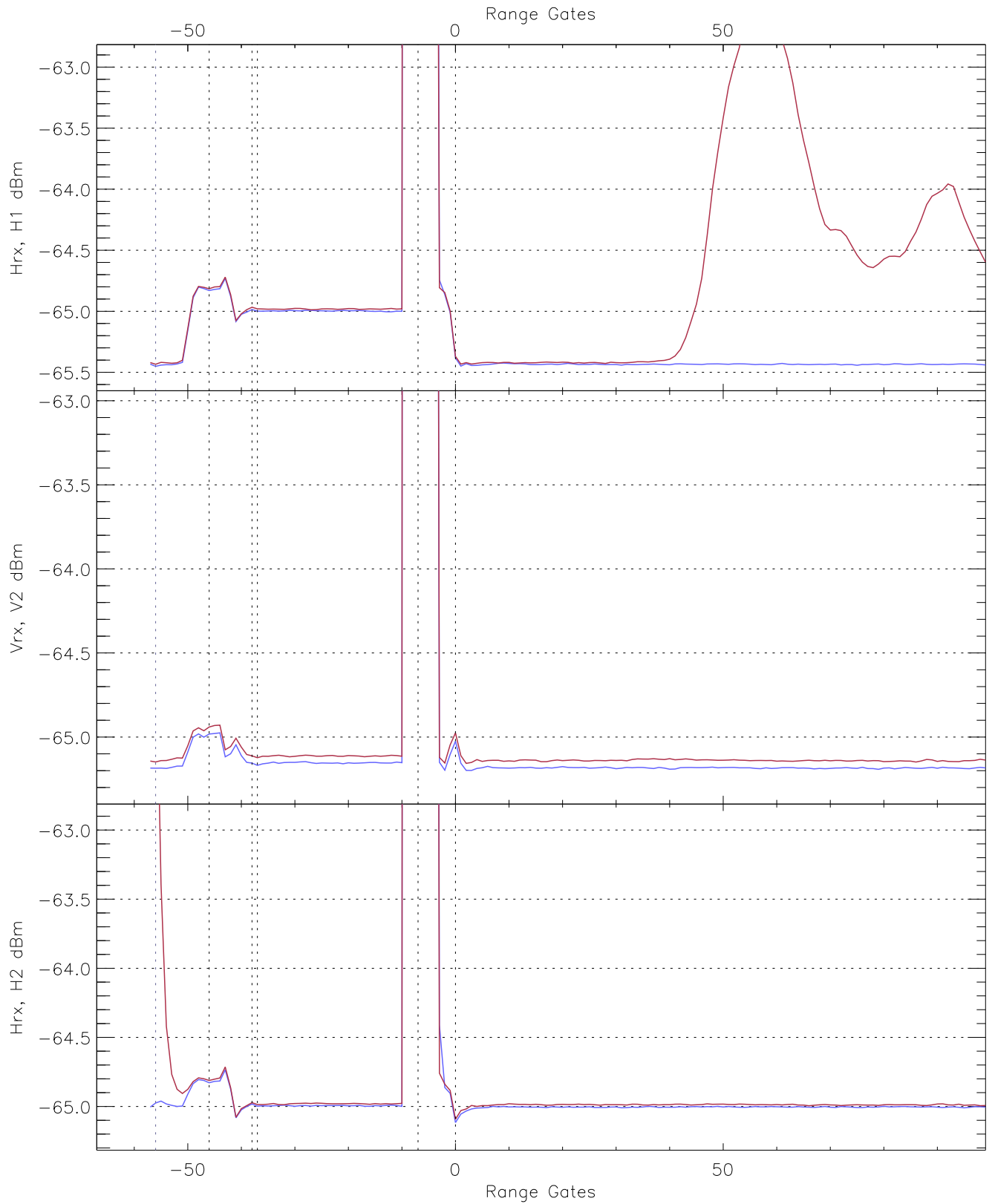


WCR3 CPP "Best" estimate Receivers Noise Power

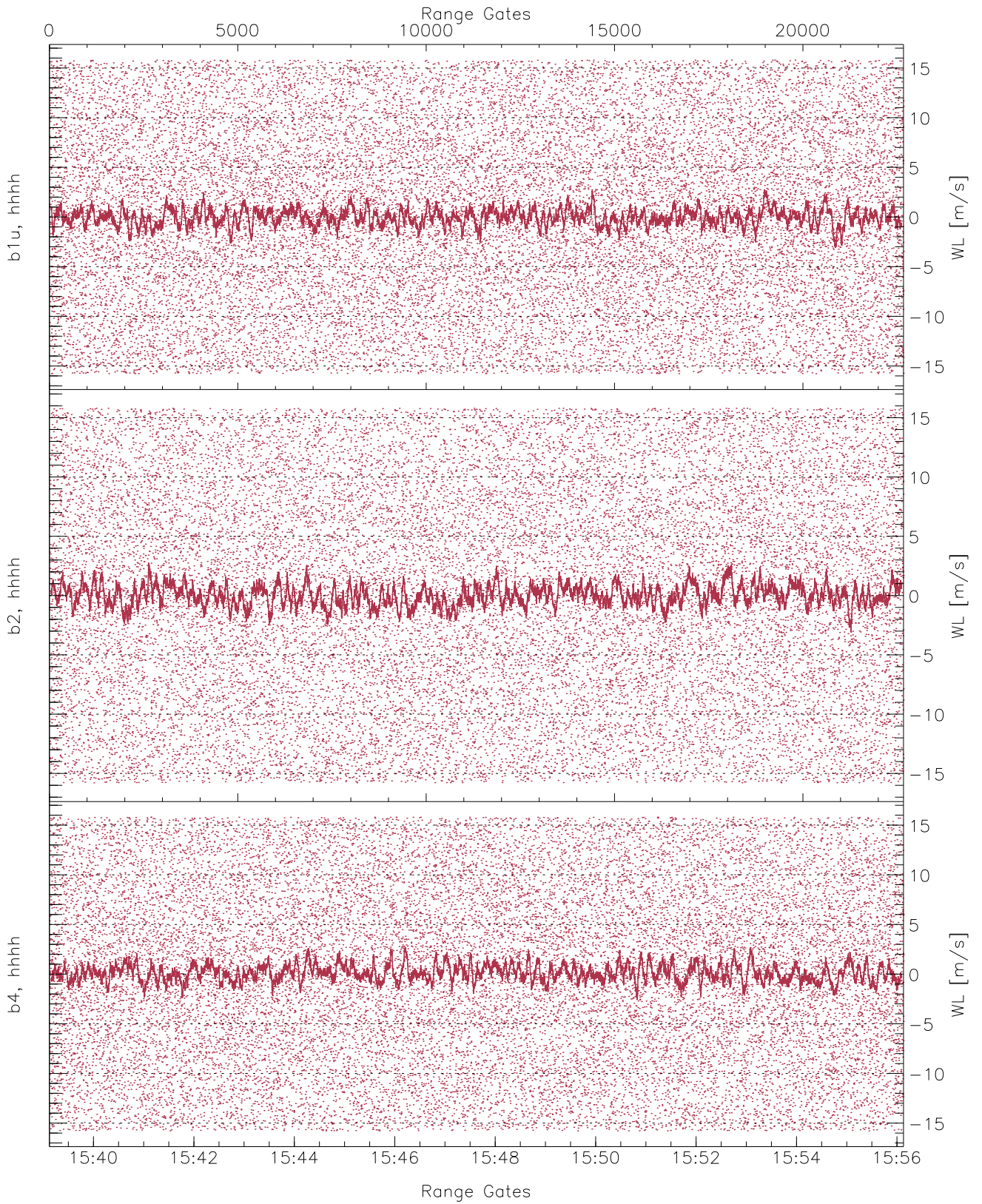
	Min	Max	Mean	Median	StDev
H1RG387_0 [dBm]	-66.75	-64.26	-65.44	-65.45	-76.95
V2RG103_0 [dBm]	-66.57	-64.03	-65.17	-65.18	-76.61
H2RG103_0 [dBm]	-66.33	-63.82	-65.00	-65.01	-76.49



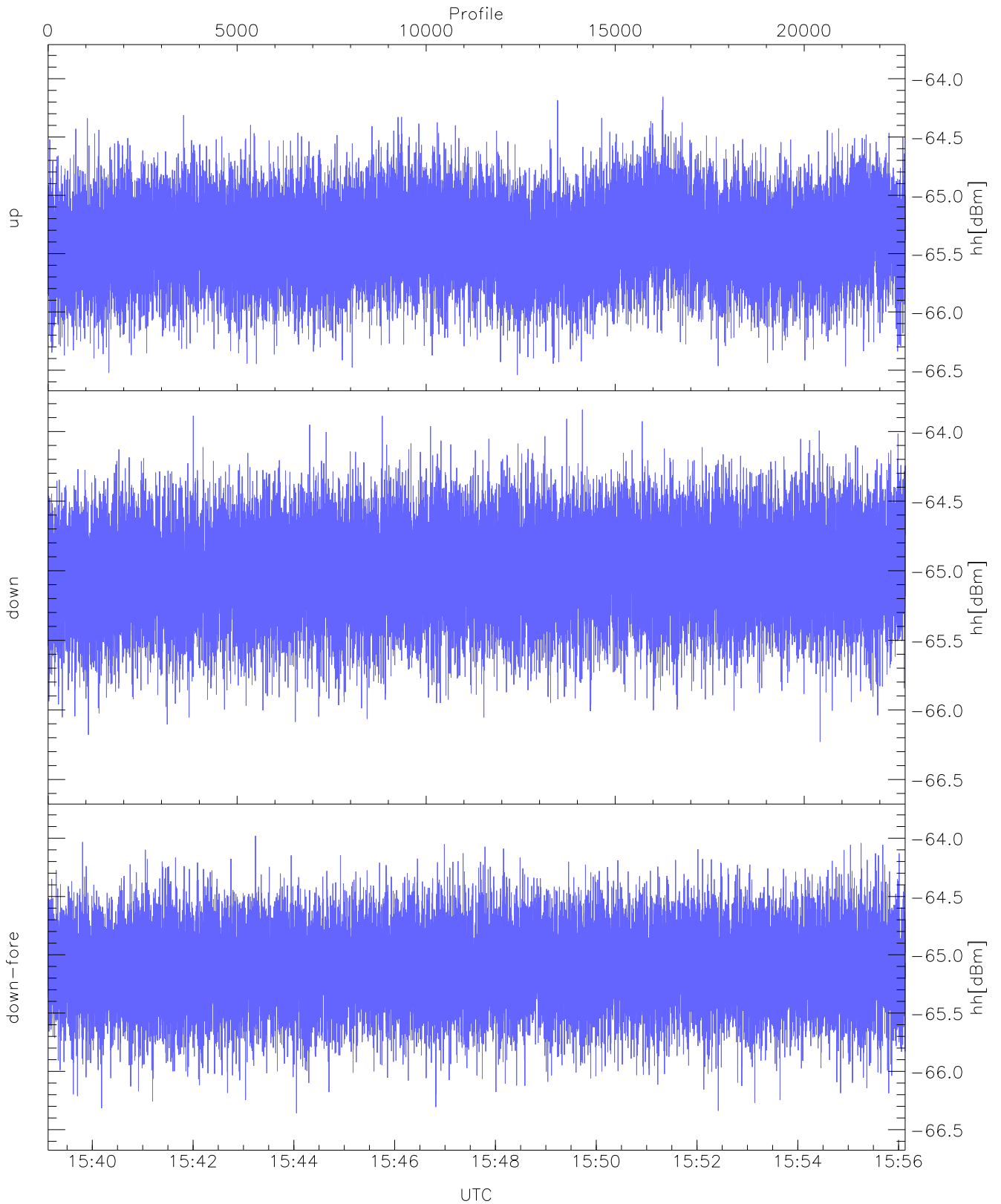
WCR3 CPP Averaged Received power for all recorded gates
blue: 153907-154738, 11337 profiles averaged
red: 154738-155608, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 153907-154738, 11337 profiles averaged
red: 154738-155608, 11336 profiles averaged

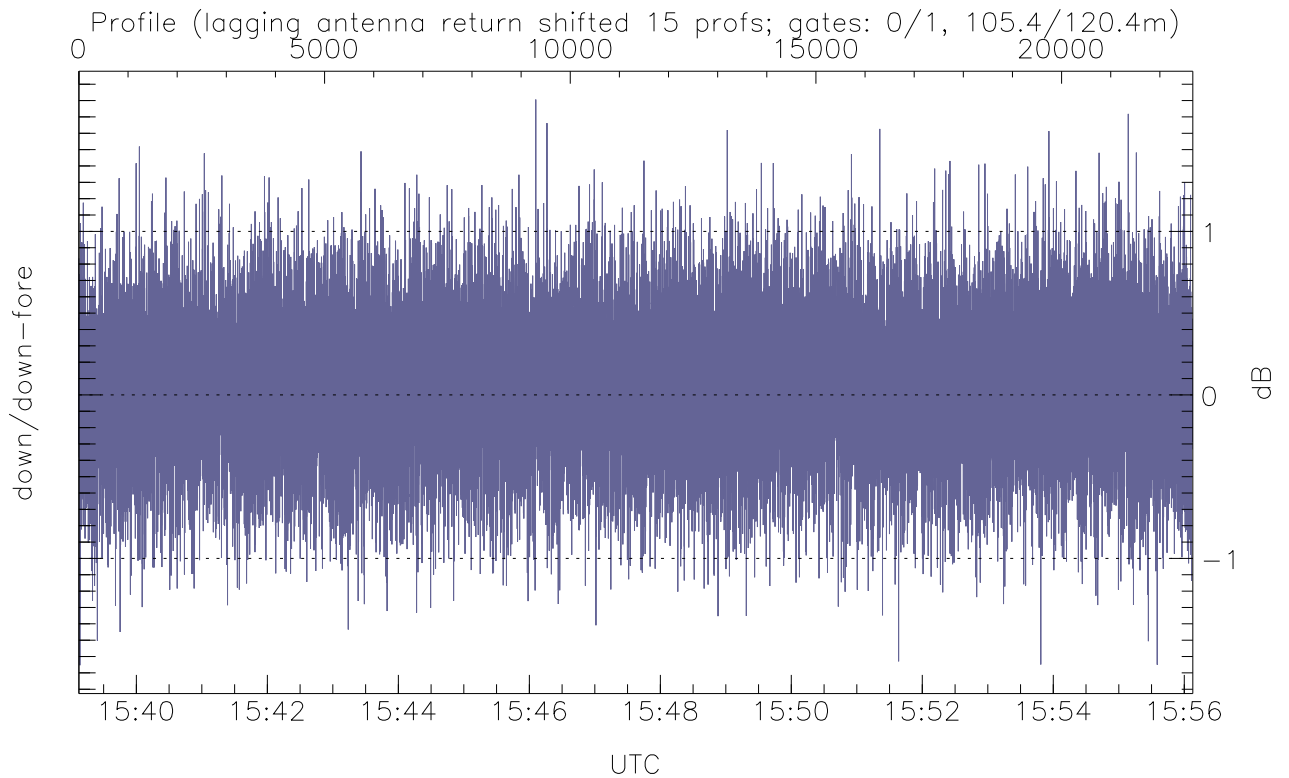
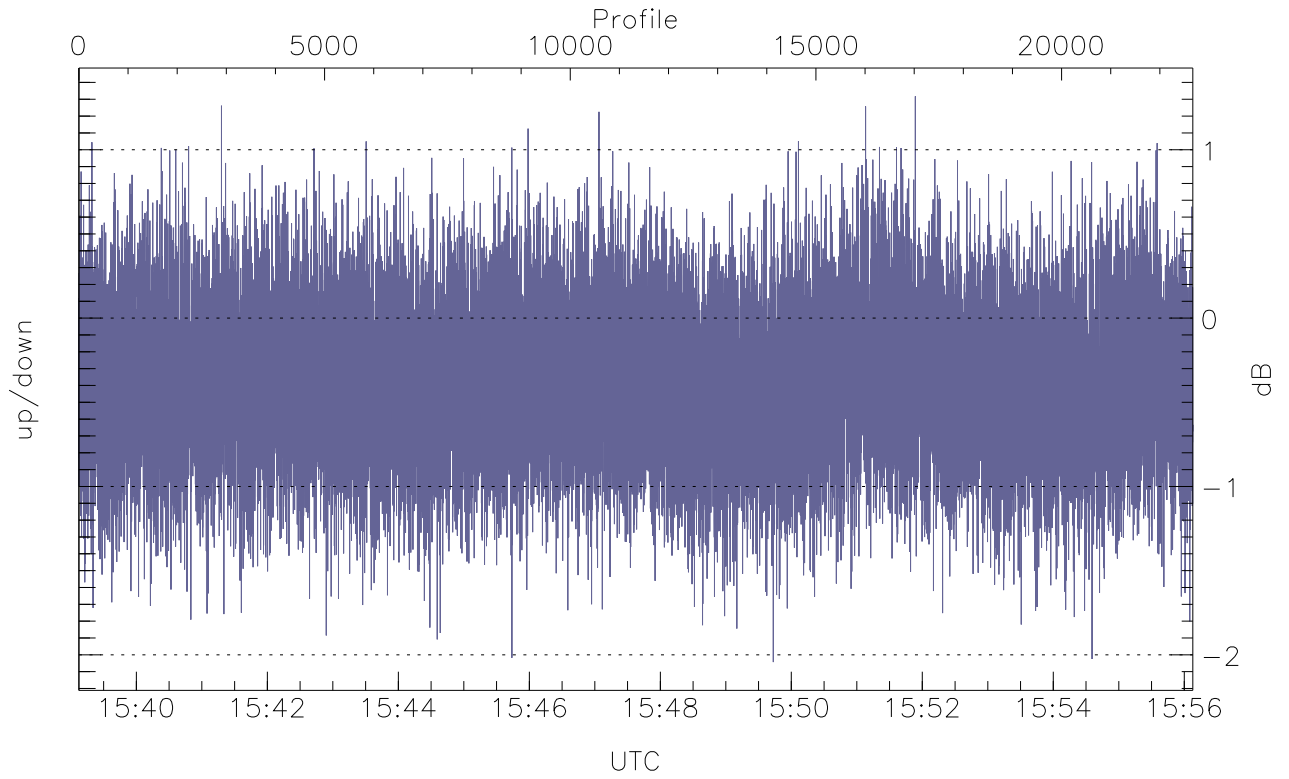


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



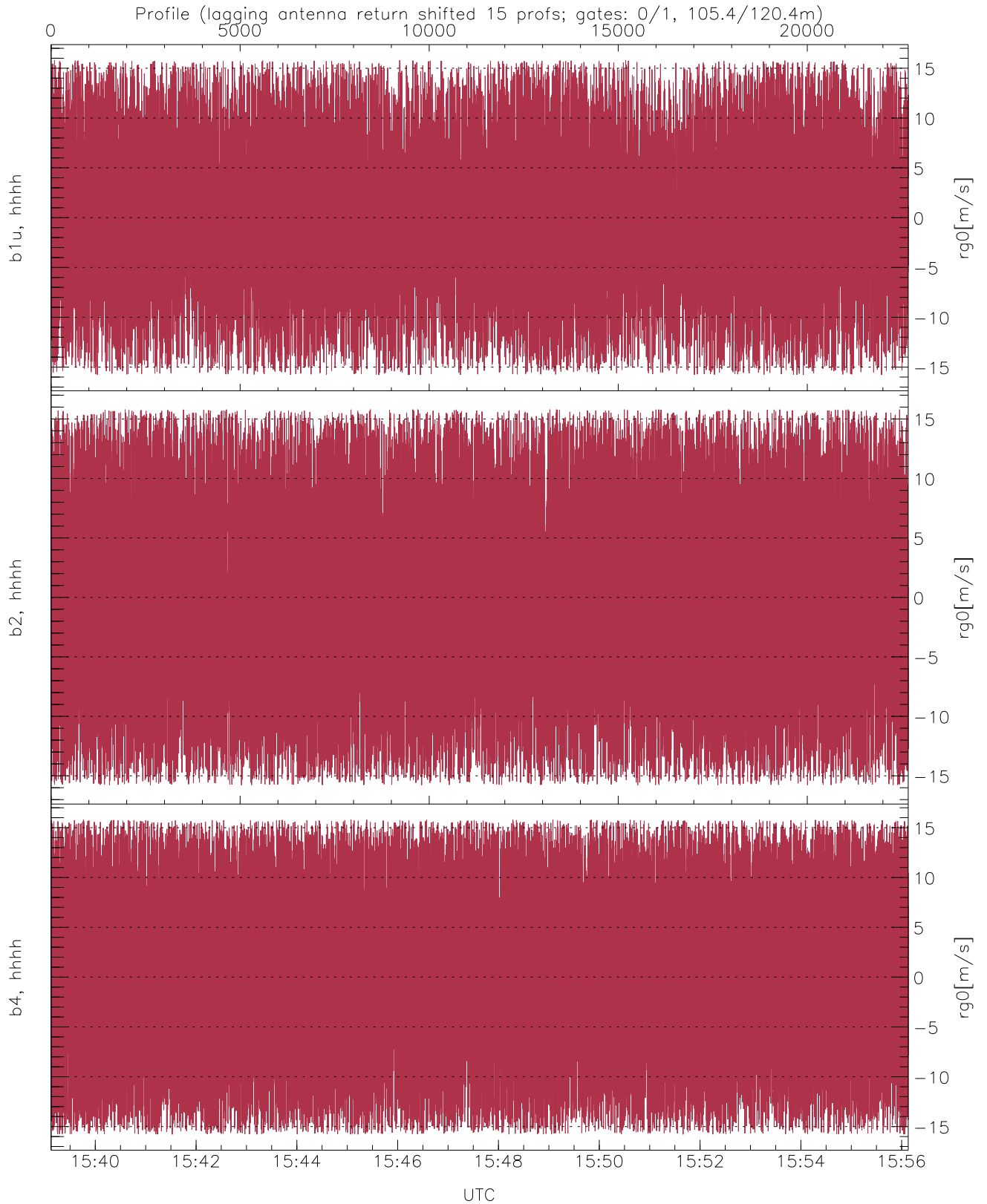
WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.54	-64.16	-65.38
down(hh[dBm])	-66.23	-63.84	-65.00
down-fore(hh[dBm])	-66.36	-63.98	-65.10



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

	Min	Max	Mean
up/down (dB)	-2.04	1.32	-0.38
down/down-fore (dB)	-1.65	1.81	0.04



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.78	15.79	0.10	7.27
b2, hhhh(rg0[m/s])	-15.79	15.79	-0.07	8.29
b4, hhhh(rg0[m/s])	-15.79	15.79	0.04	8.67