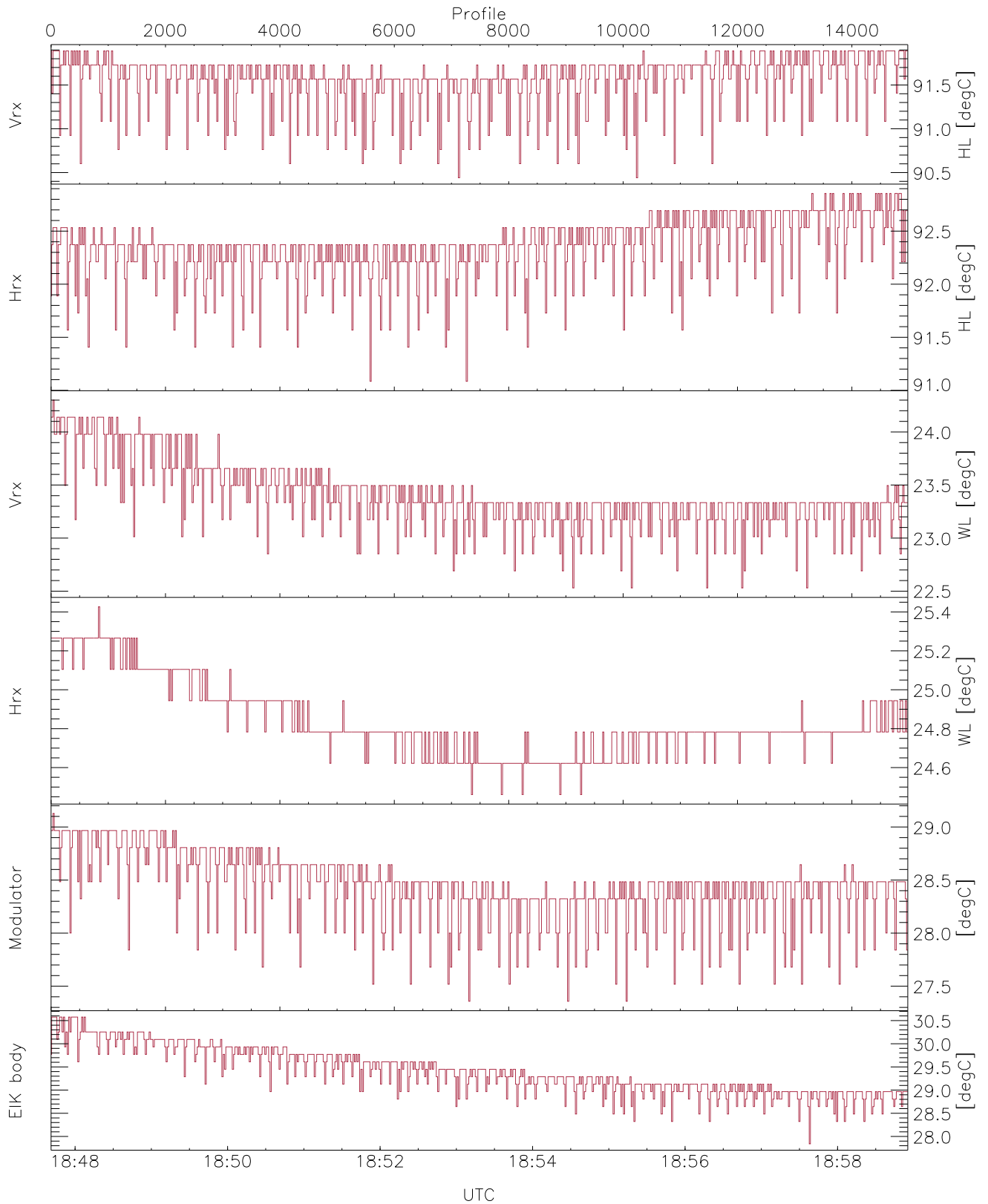


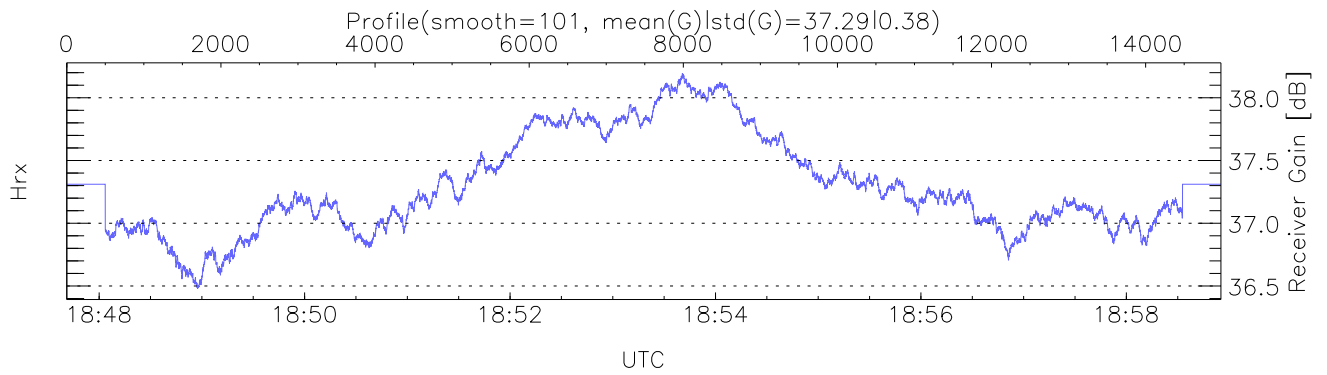
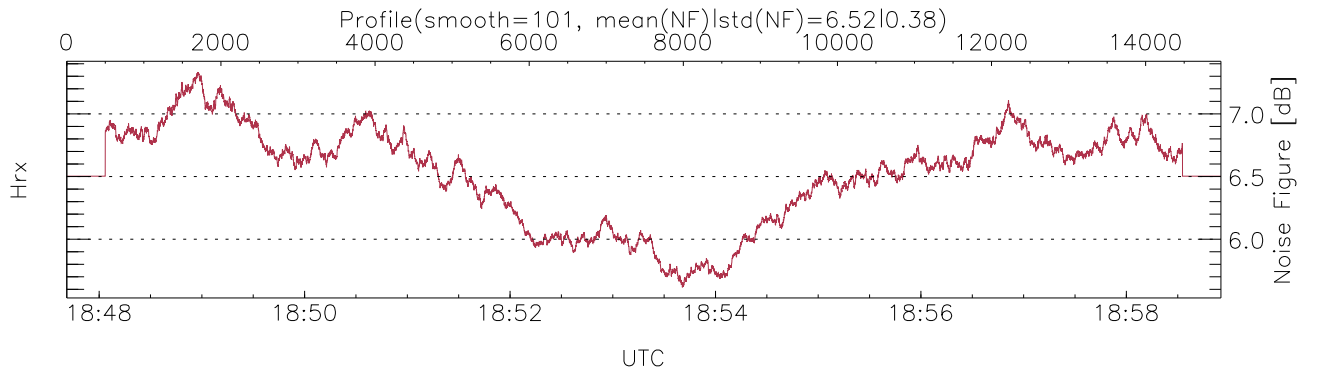
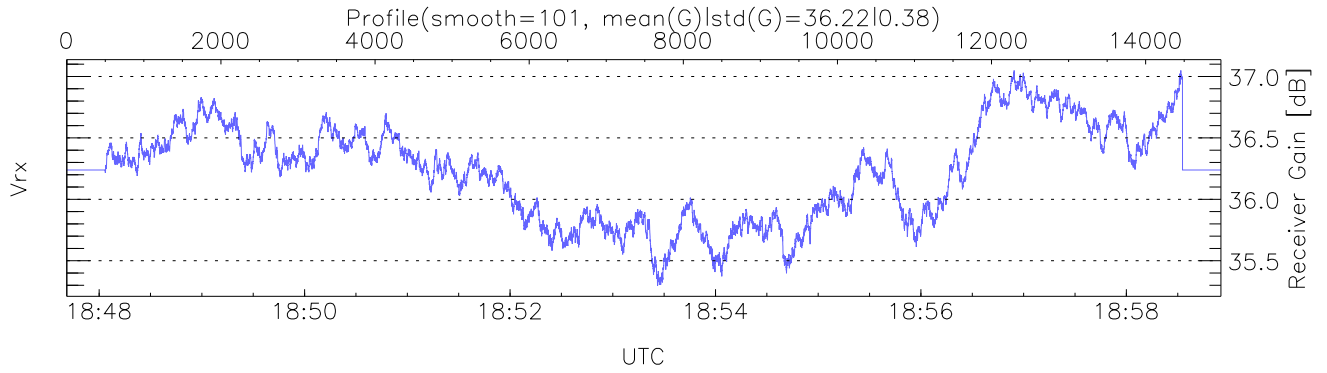
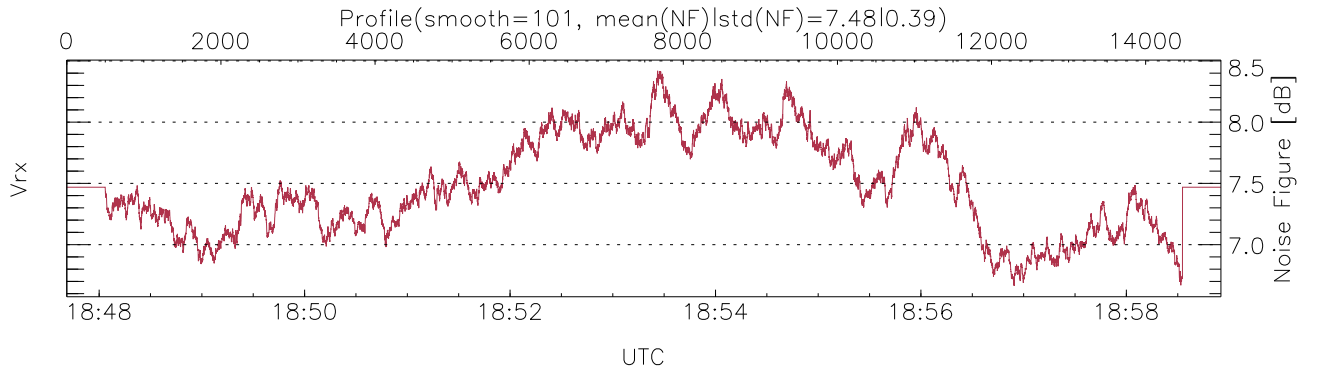
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:47:41-18:58:55, TimeCor: 0.00s, Dur: 674.13s
 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): 14978/14978, 0-14977/18:47:41-18:58:55
 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



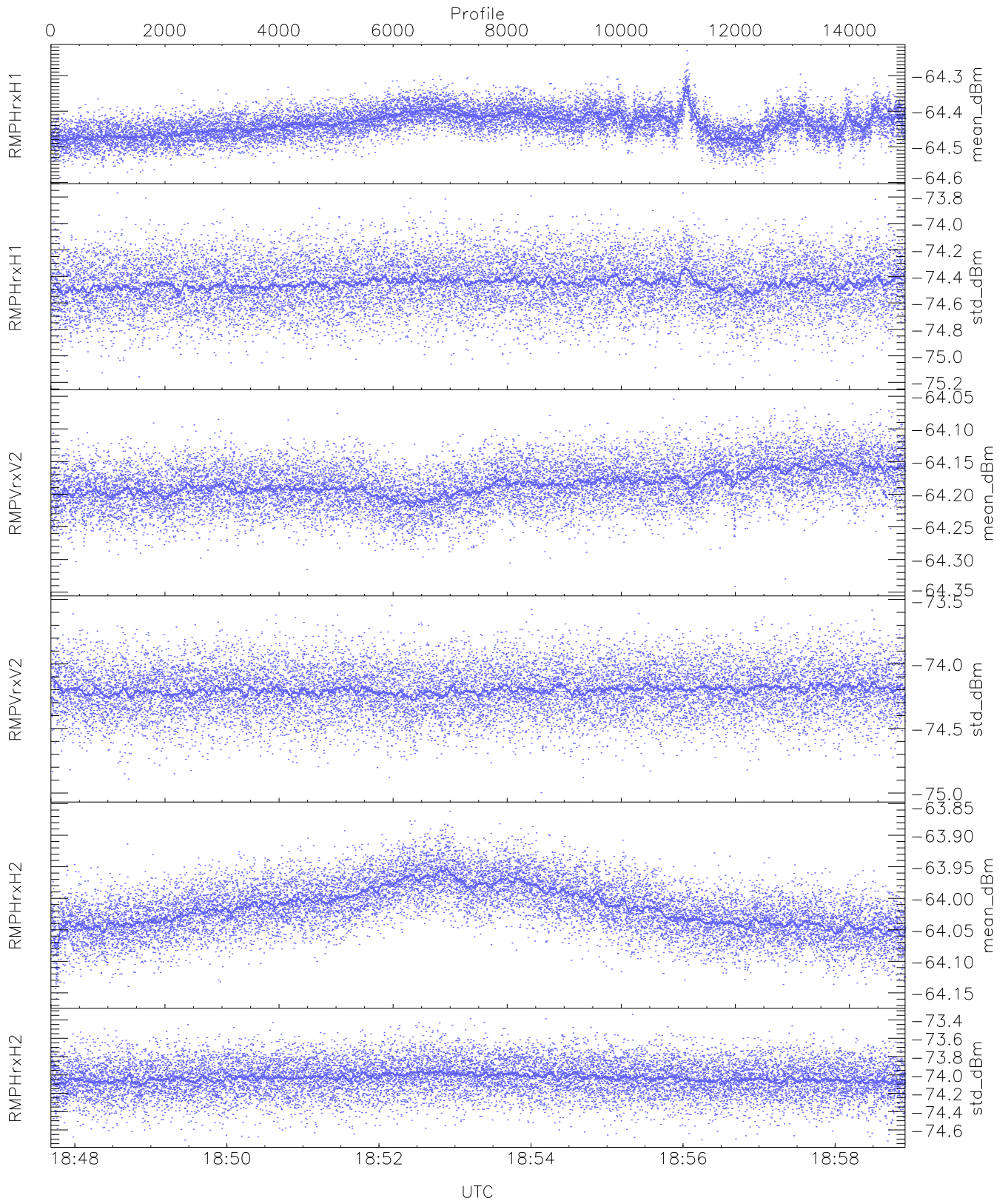
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,27,27`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,25,29,30`
`LOalarm(20,240,2817,14861 MHz): 0,0,44,0`
`EIK Faults(# prof affected):`
`BodyCurr (22)`



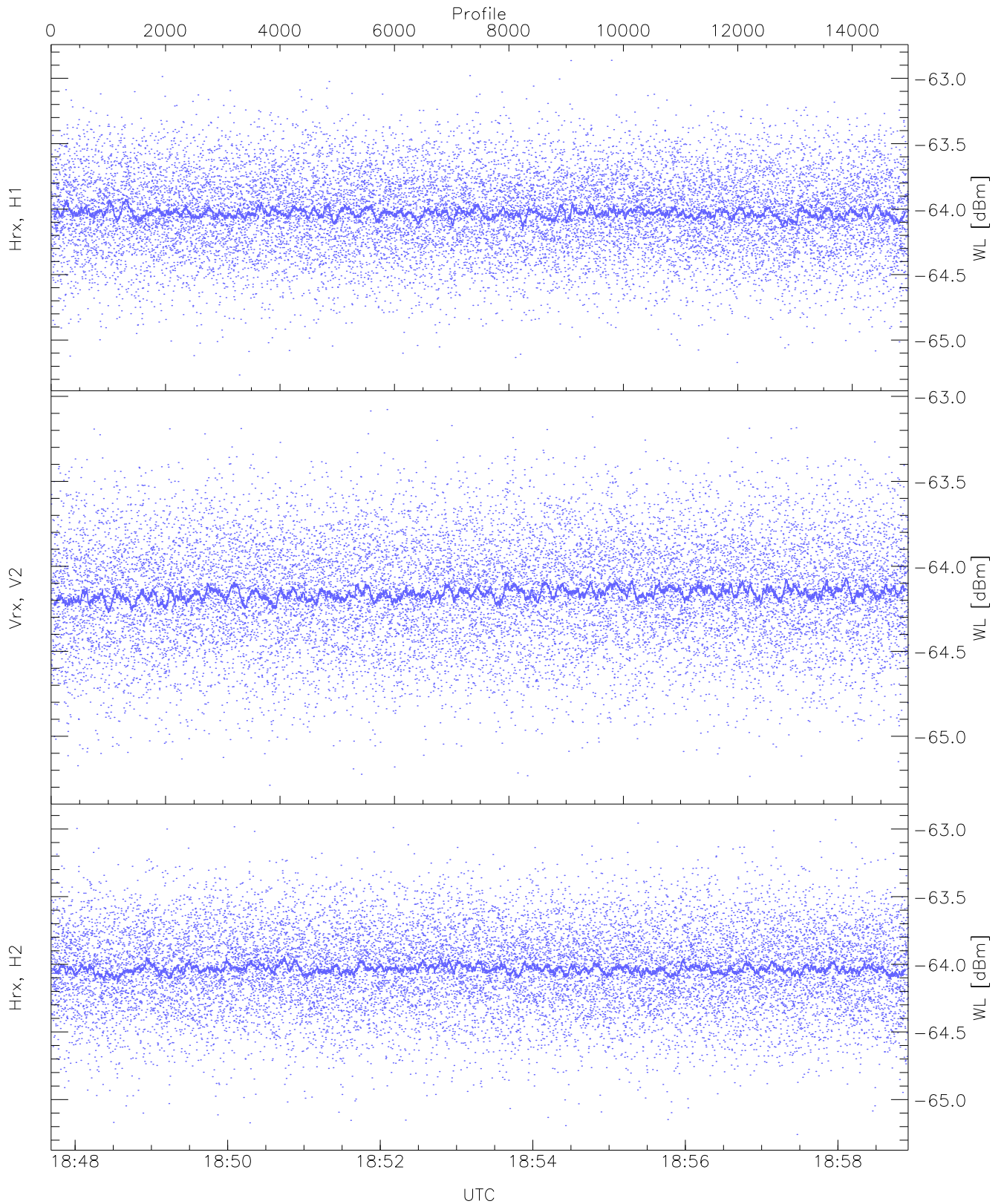
WCR3 CPP Receivers Gain and Noise Figure

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



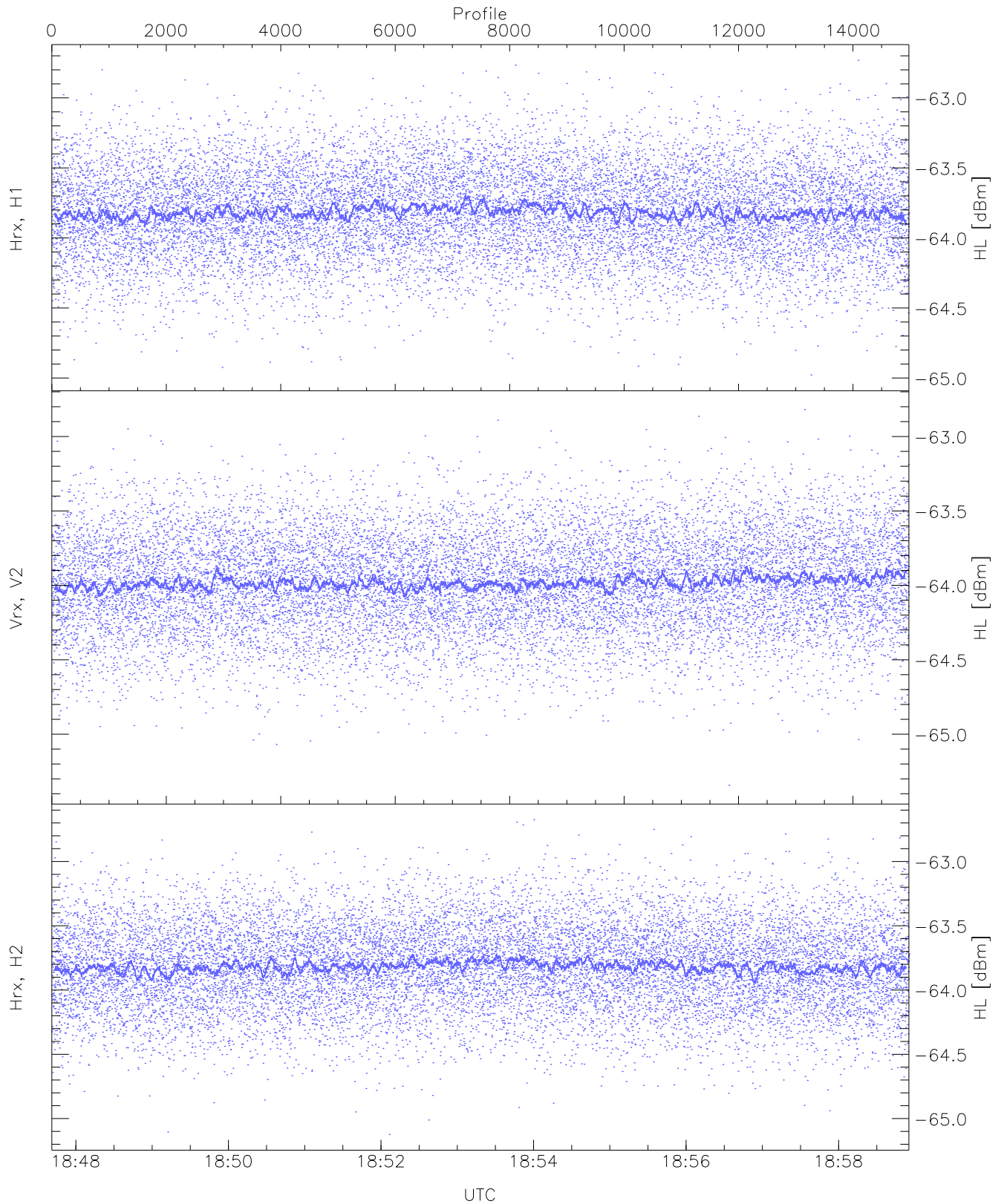
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-64.59	-64.23	-64.44	-64.44	-84.69
RMPHrxH1(std_dBm)	-75.19	-73.77	-74.45	-74.46	-88.19
RMPVrxV2(mean_dBm)	-64.34	-64.05	-64.18	-64.19	-85.26
RMPVrxV2(std_dBm)	-75.00	-73.55	-74.20	-74.20	-87.98
RMPHrxH2(mean_dBm)	-64.16	-63.86	-64.02	-64.02	-84.26
RMPHrxH2(std_dBm)	-74.72	-73.34	-74.03	-74.03	-87.74



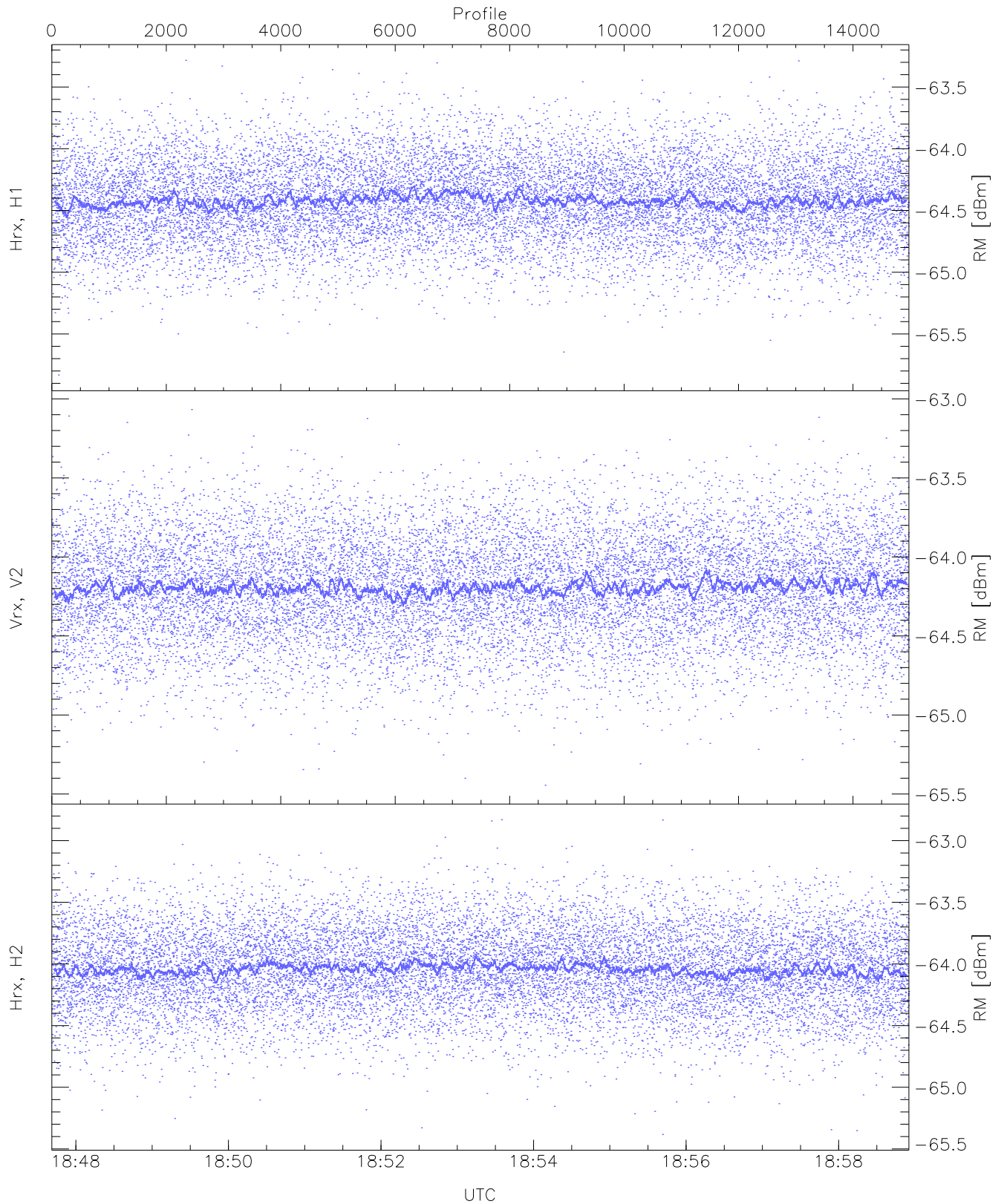
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.27	-62.86	-64.02	-64.03	-75.52
Vrx, V2 (WL [dBm])	-65.29	-63.08	-64.15	-64.16	-75.67
Hrx, H2 (WL [dBm])	-65.26	-62.93	-64.03	-64.03	-75.57



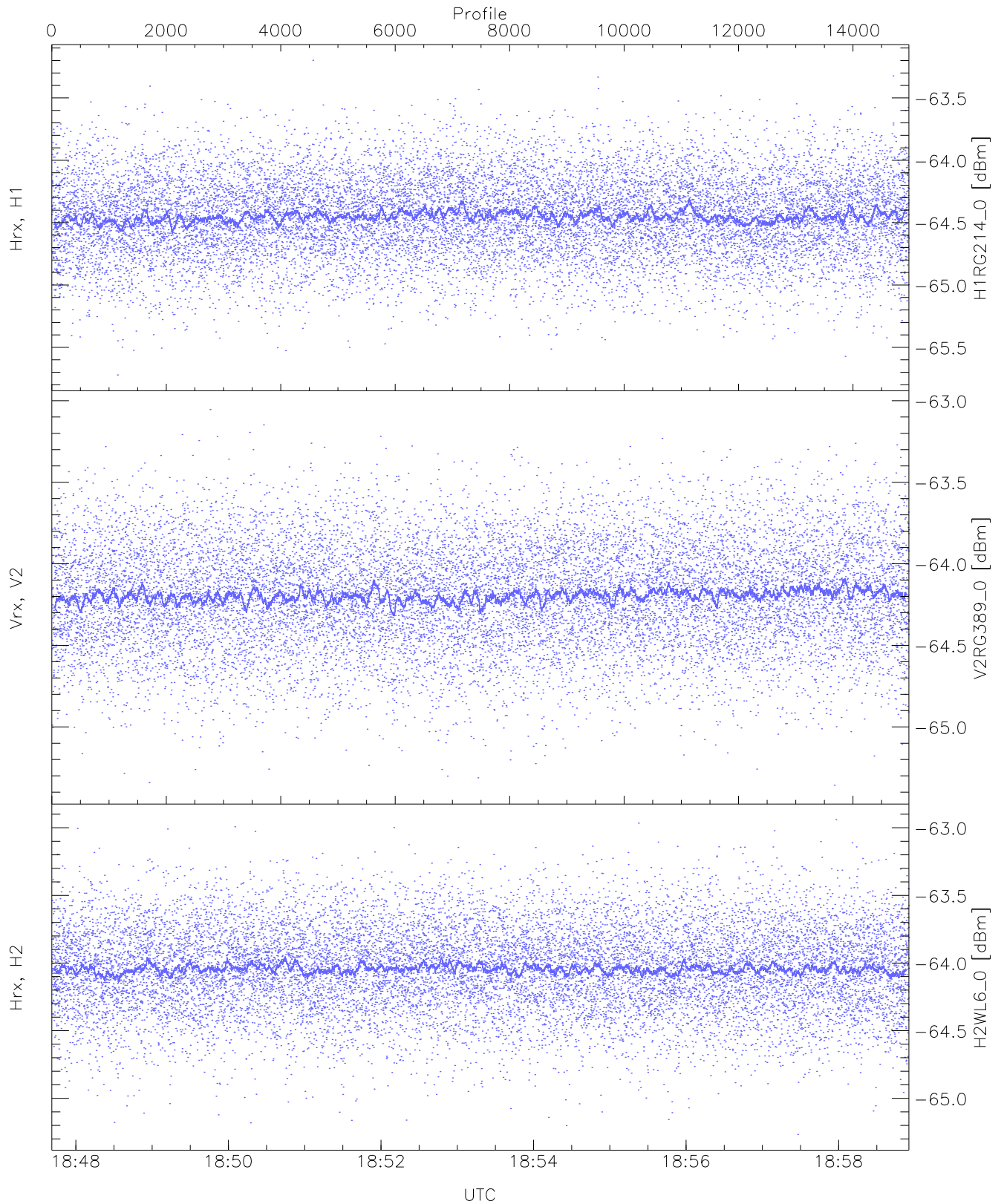
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.98	-62.73	-63.81	-63.82	-75.35
Vrx, V2 (HL [dBm])	-65.34	-62.82	-63.97	-63.98	-75.46
Hrx, H2 (HL [dBm])	-65.12	-62.68	-63.81	-63.82	-75.26



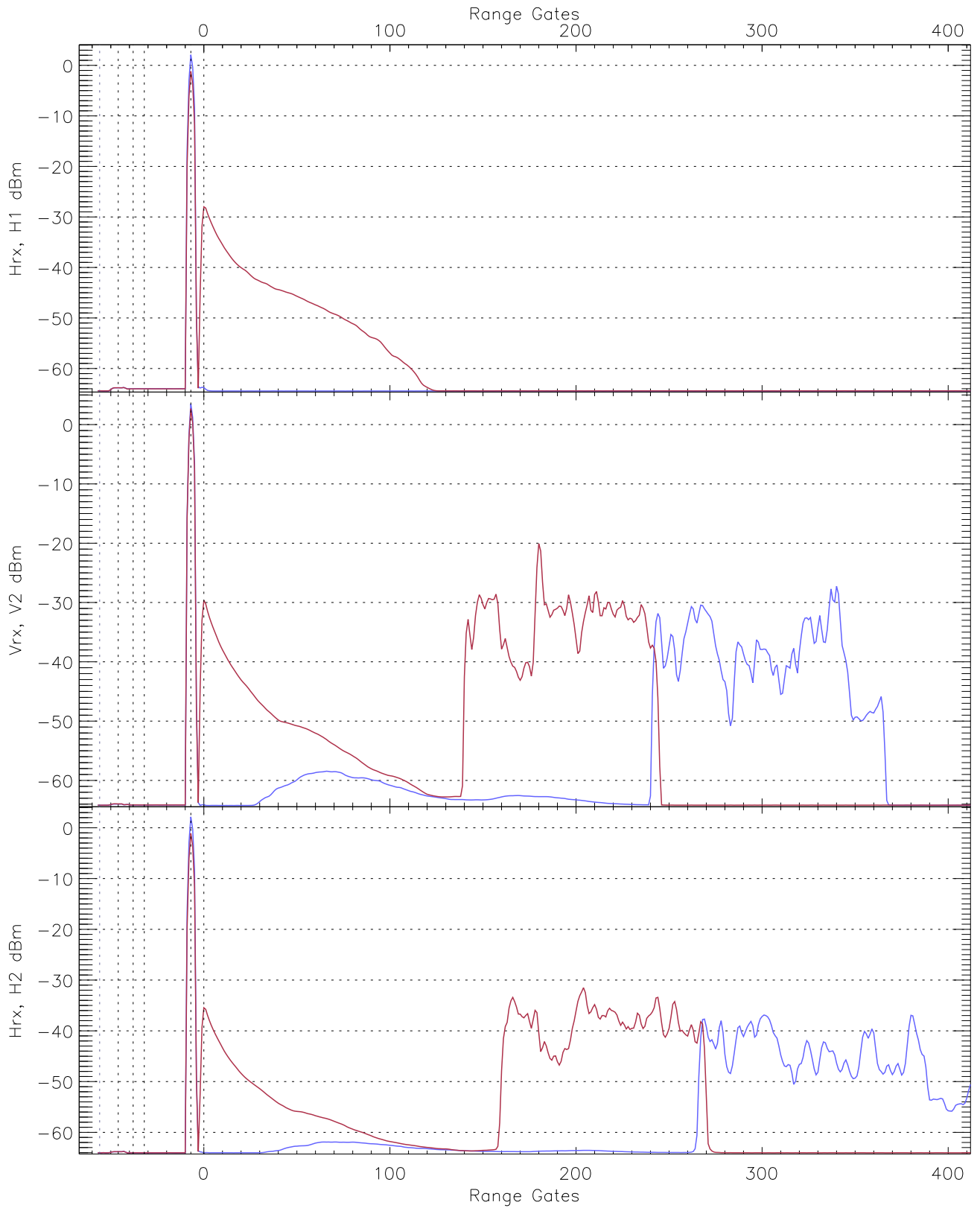
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.83	-63.28	-64.41	-64.42	-75.86
Vrx, V2 (RM [dBm])	-65.44	-63.07	-64.19	-64.19	-75.68
Hrx, H2 (RM [dBm])	-65.38	-62.83	-64.04	-64.05	-75.53

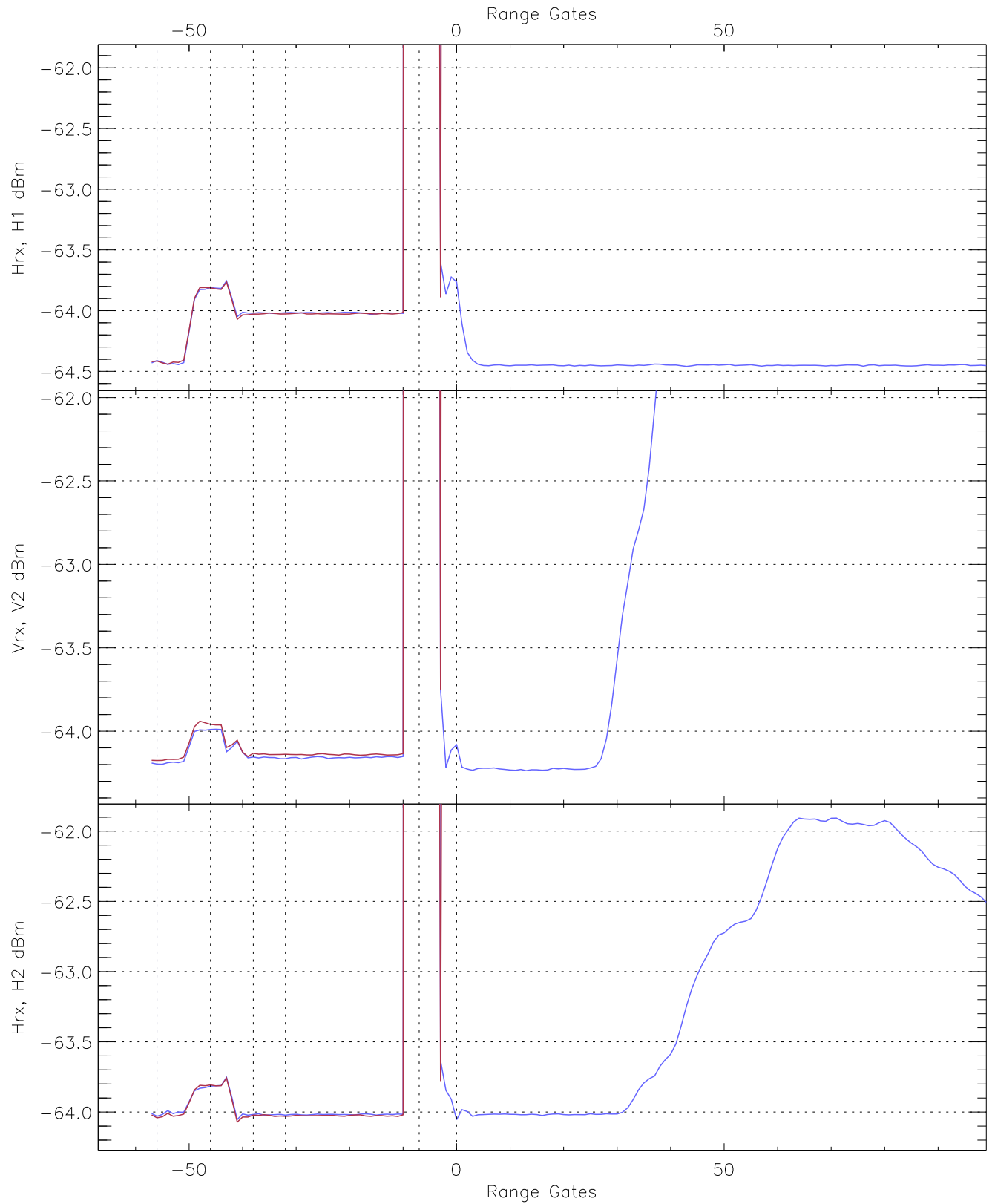


WCR3 CPP "Best" estimate Receivers Noise Power

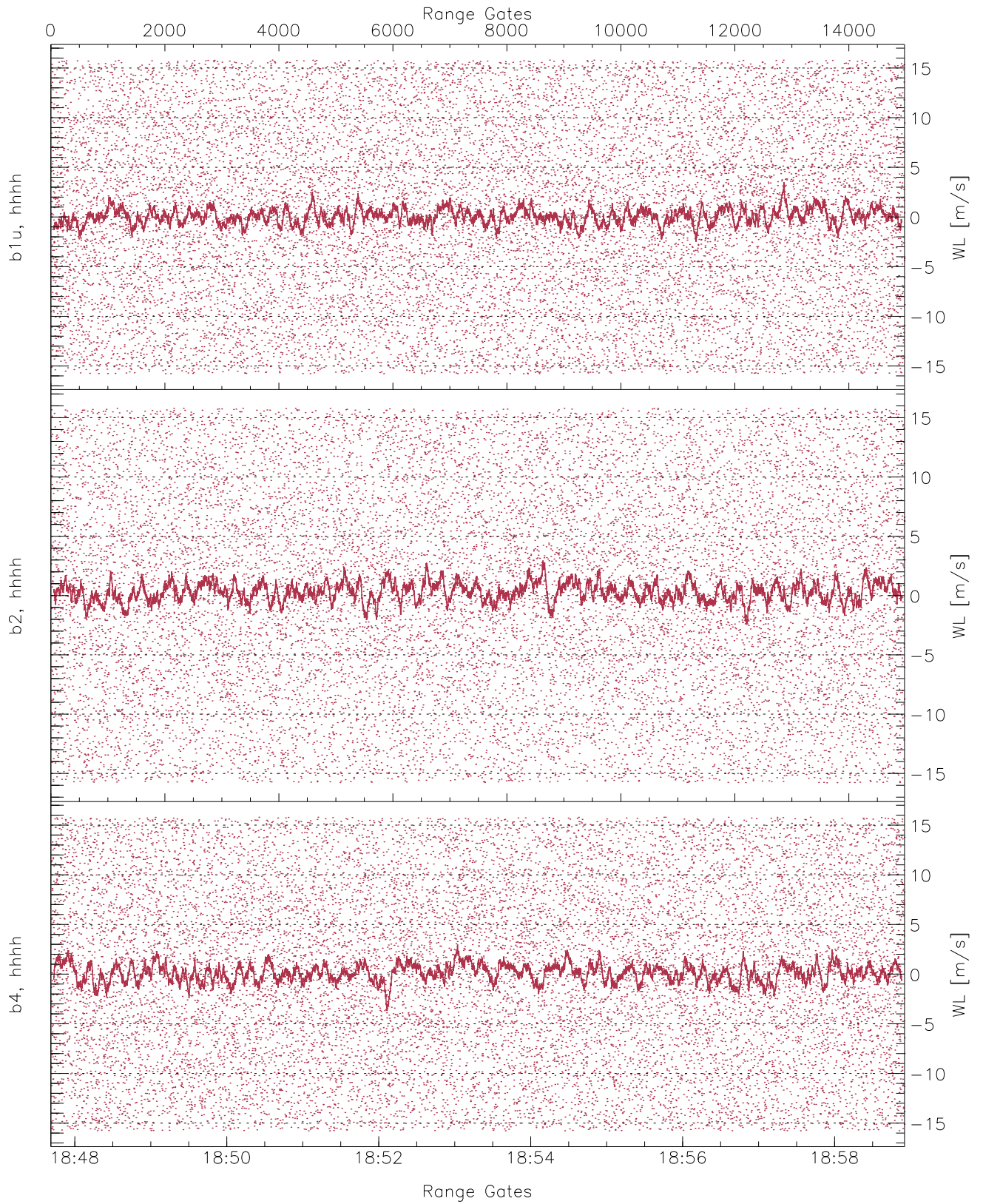
	Min	Max	Mean	Median	StDev
H1RG214_0 [dBm]	-65.72	-63.20	-64.44	-64.45	-75.88
V2RG389_0 [dBm]	-65.36	-63.05	-64.19	-64.20	-75.68
H2WL6_0 [dBm]	-65.27	-62.94	-64.04	-64.04	-75.58



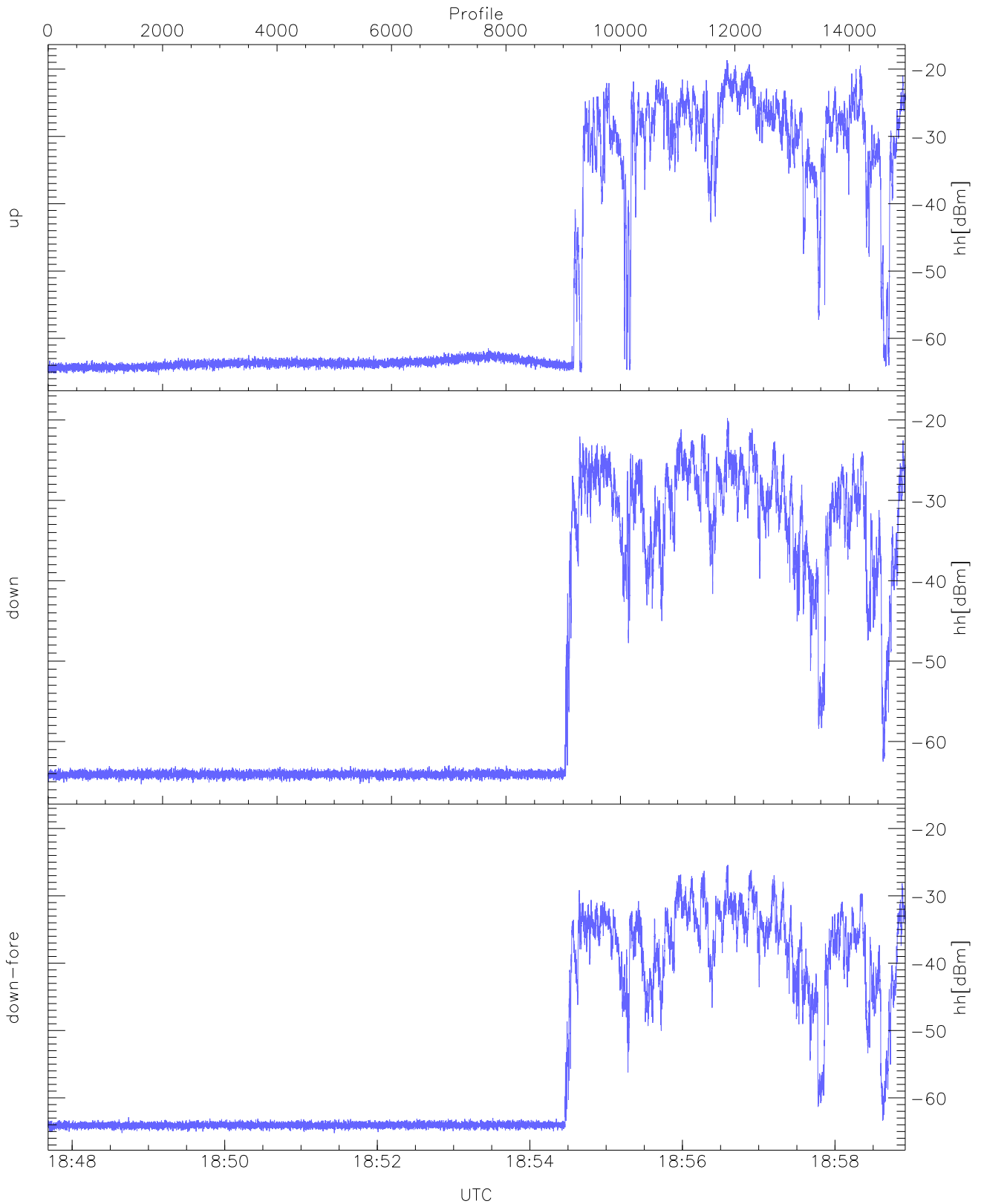
WCR3 CPP Averaged Received power for all recorded gates
blue: 184741-185318, 7490 profiles averaged
red: 185318-185855, 7489 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 184741-185318, 7490 profiles averaged
red: 185318-185855, 7489 profiles averaged

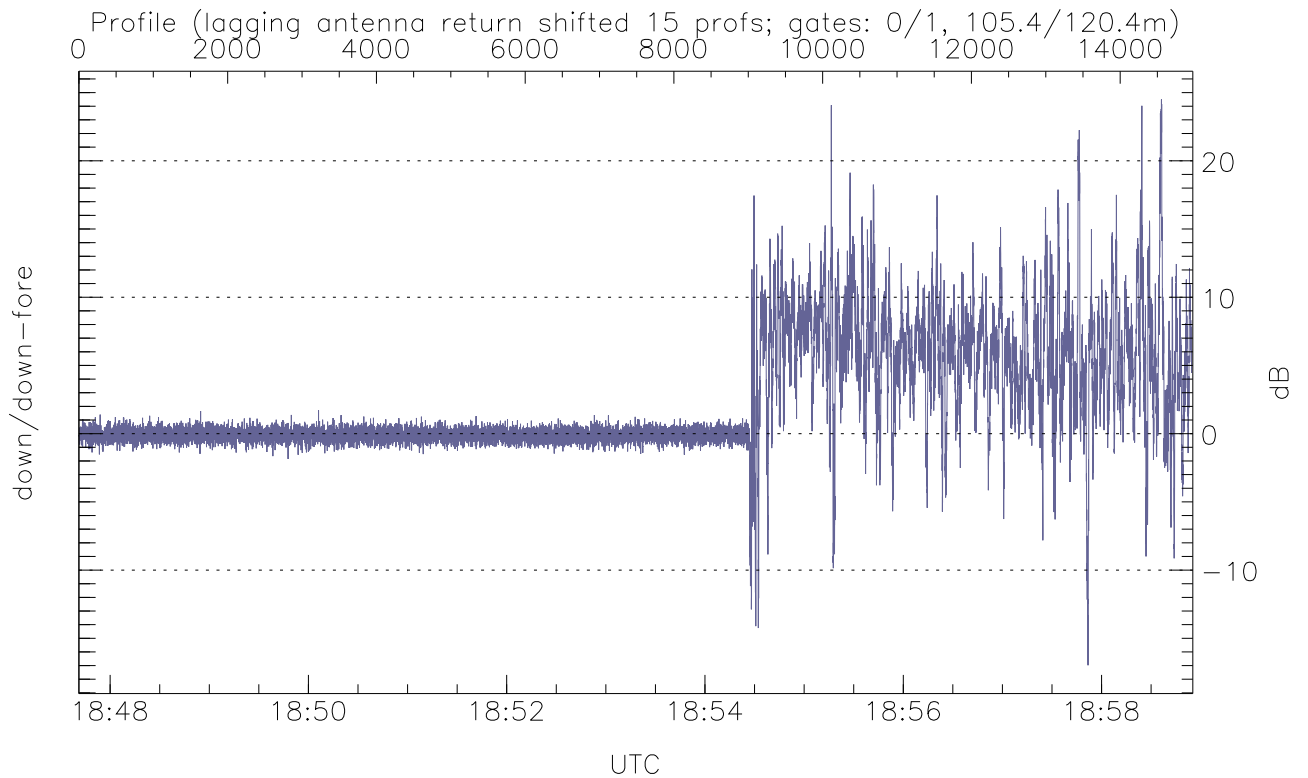
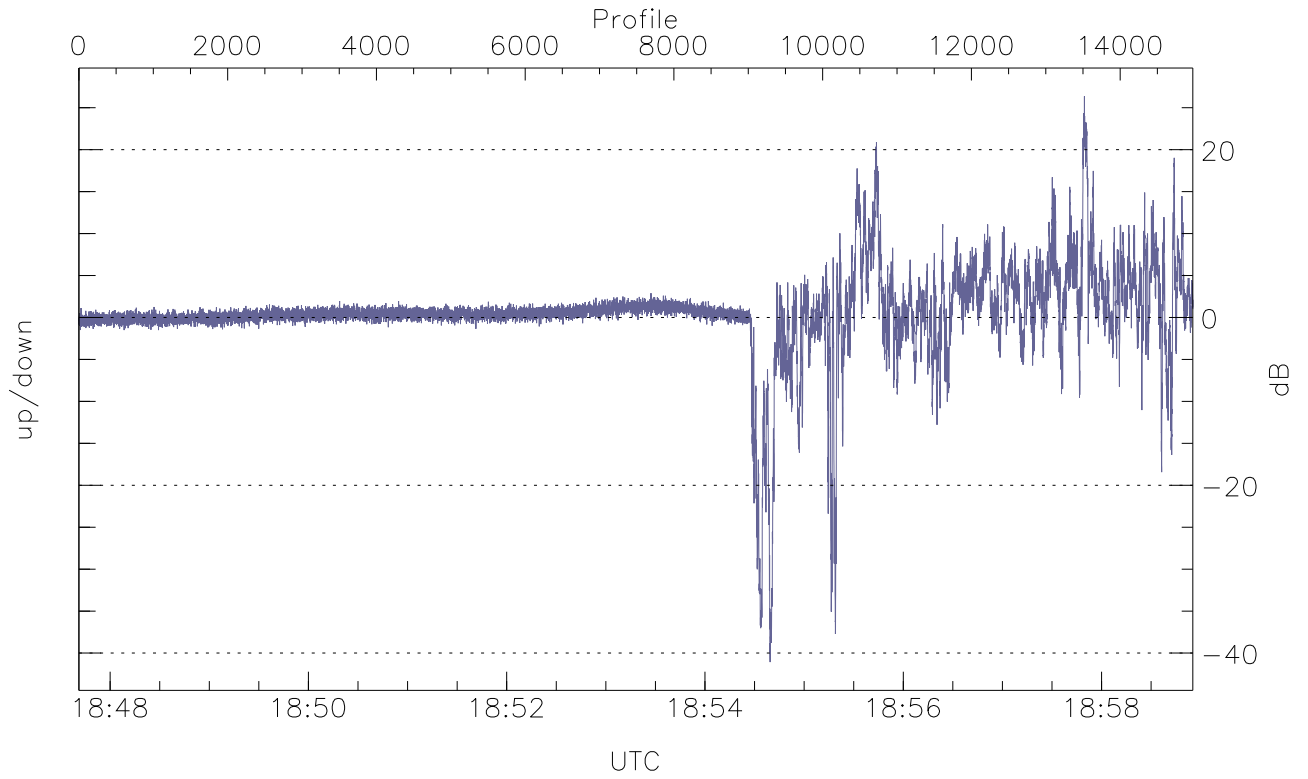


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



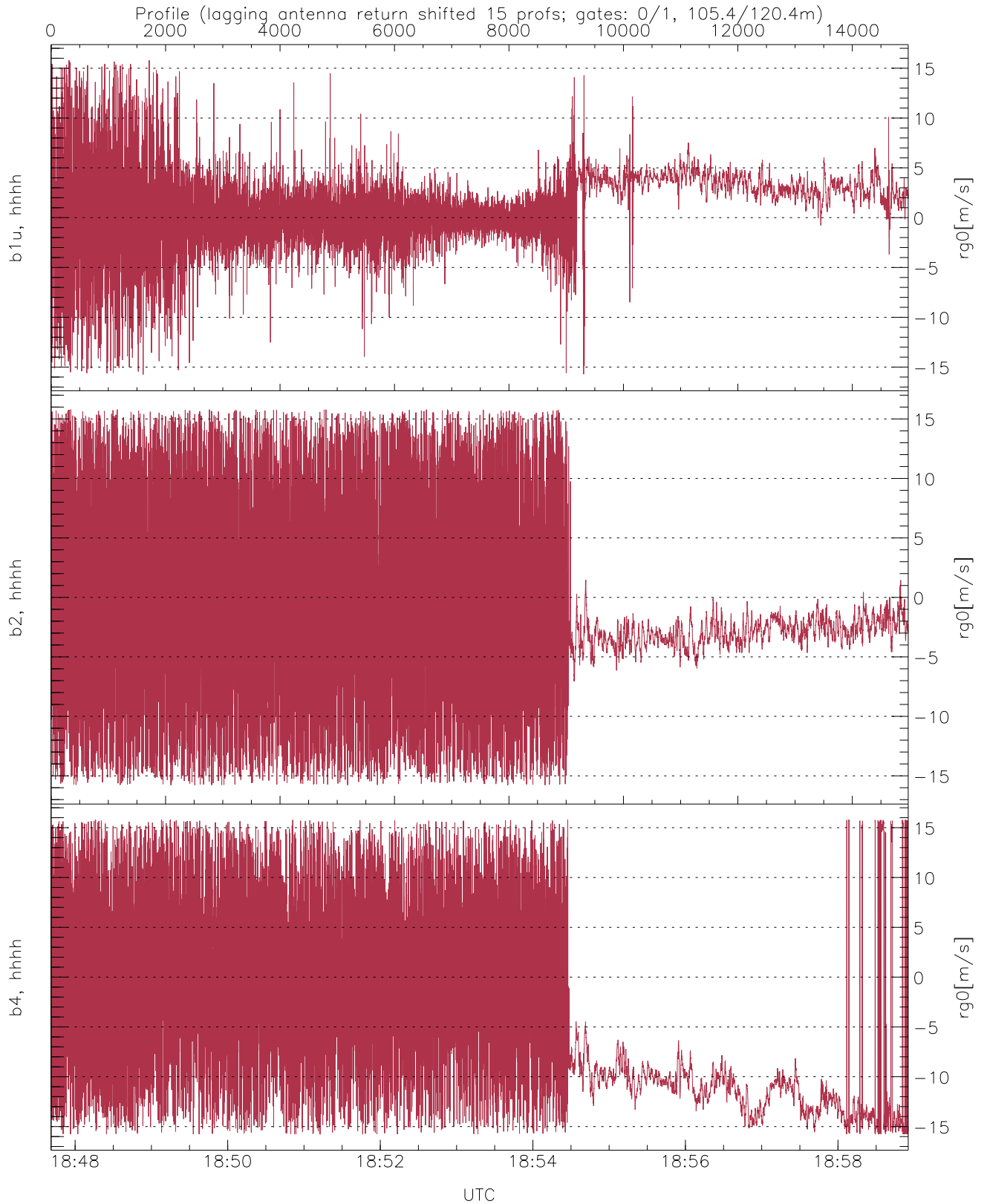
WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.44	-18.70	-31.01
down(hh[dBm])	-65.31	-19.75	-32.65
down-fore(hh[dBm])	-65.23	-25.41	-38.46



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

	Min	Max	Mean
up/down (dB)	-41.07	26.36	0.57
down/down-fore (dB)	-16.98	24.49	2.27



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh($rg0$ [m/s])	-15.75	15.79	1.24	3.31
b2, hhhh($rg0$ [m/s])	-15.79	15.79	-1.12	6.91
b4, hhhh($rg0$ [m/s])	-15.78	15.79	-4.26	8.55