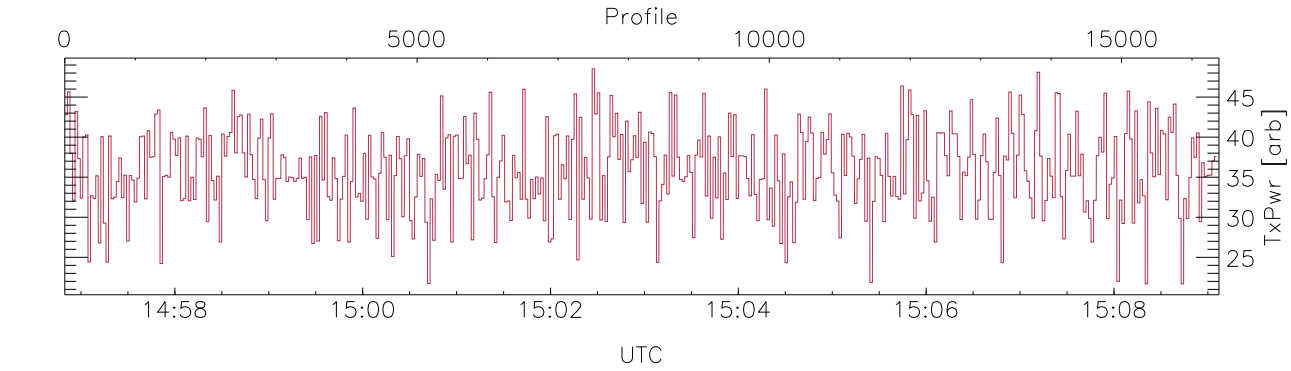
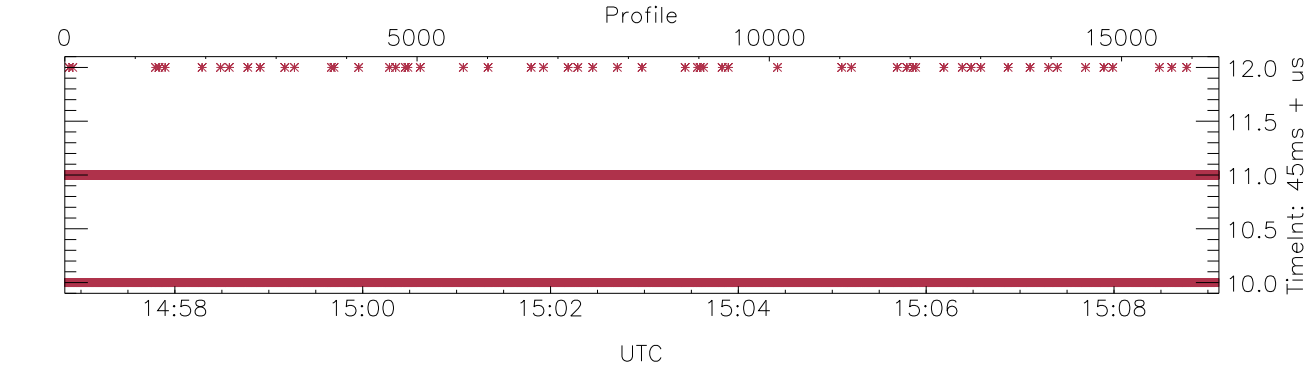
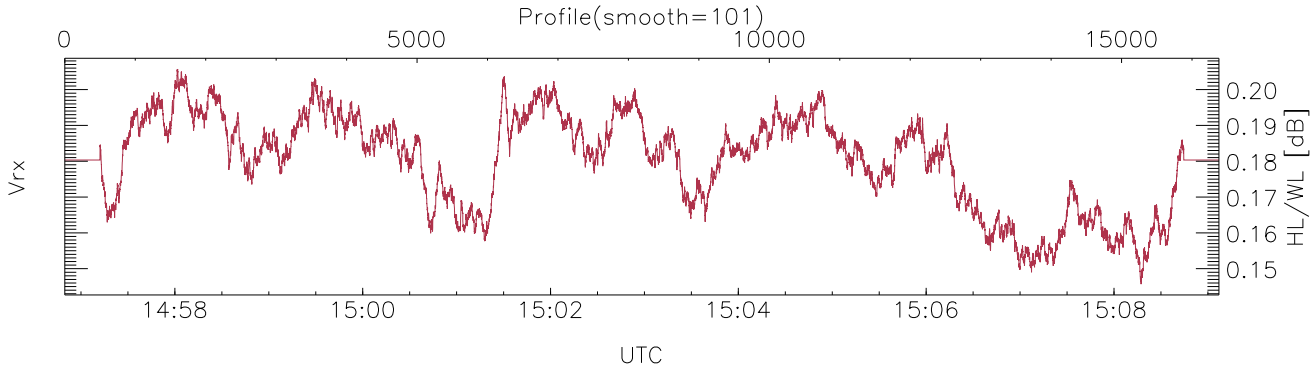
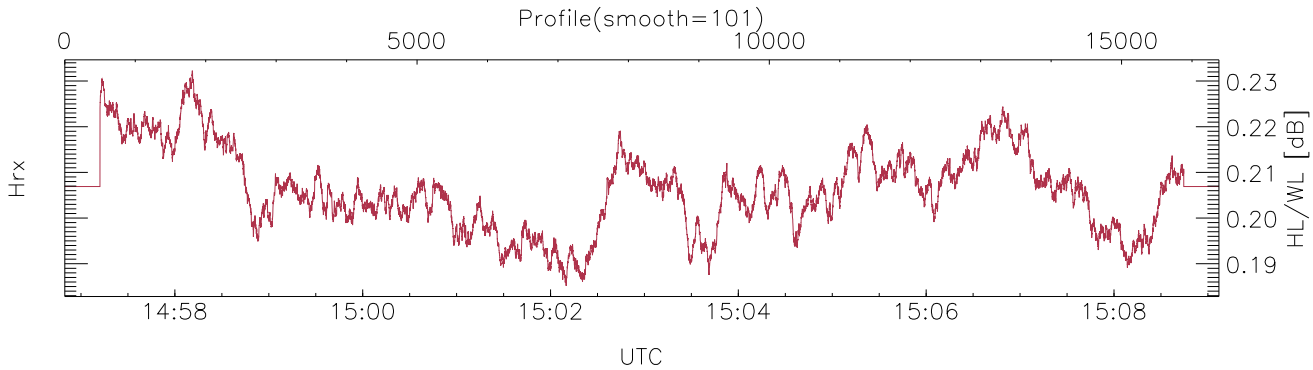


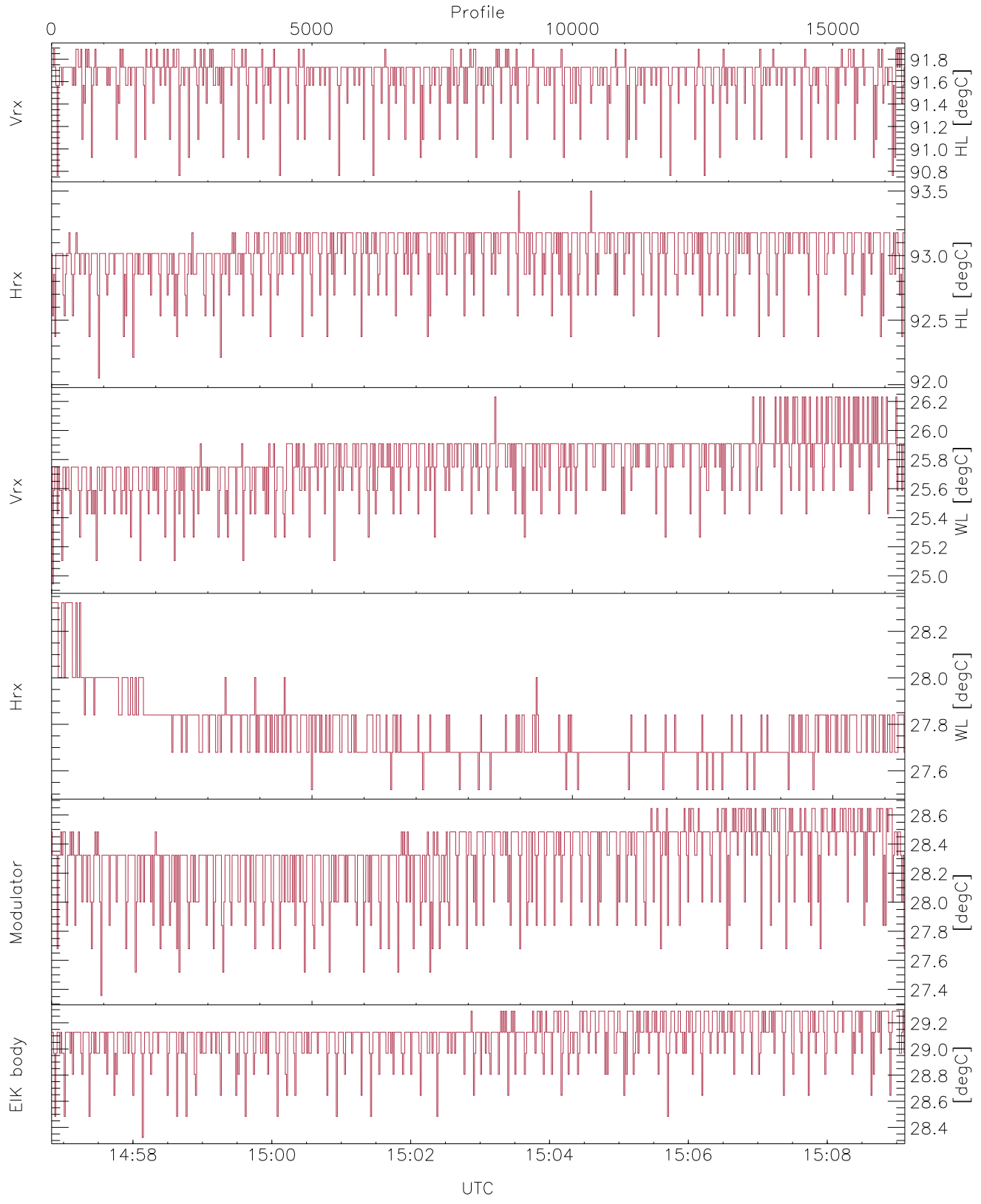






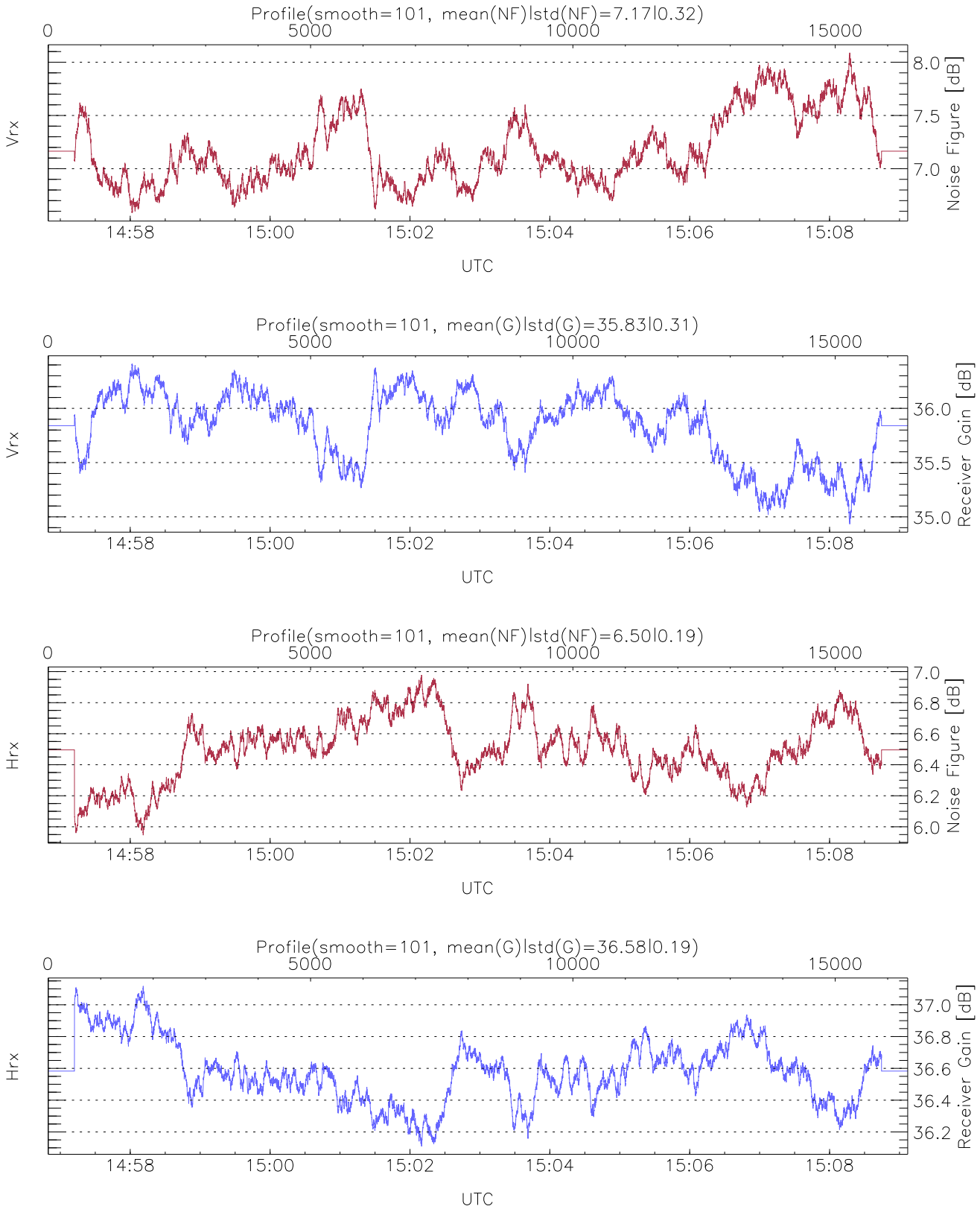
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:56:50-15:09:07, TimeCor: 0.00s, Dur: 737.42s
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): 16384/16384, 0-16383/14:56:50-15:09:07
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



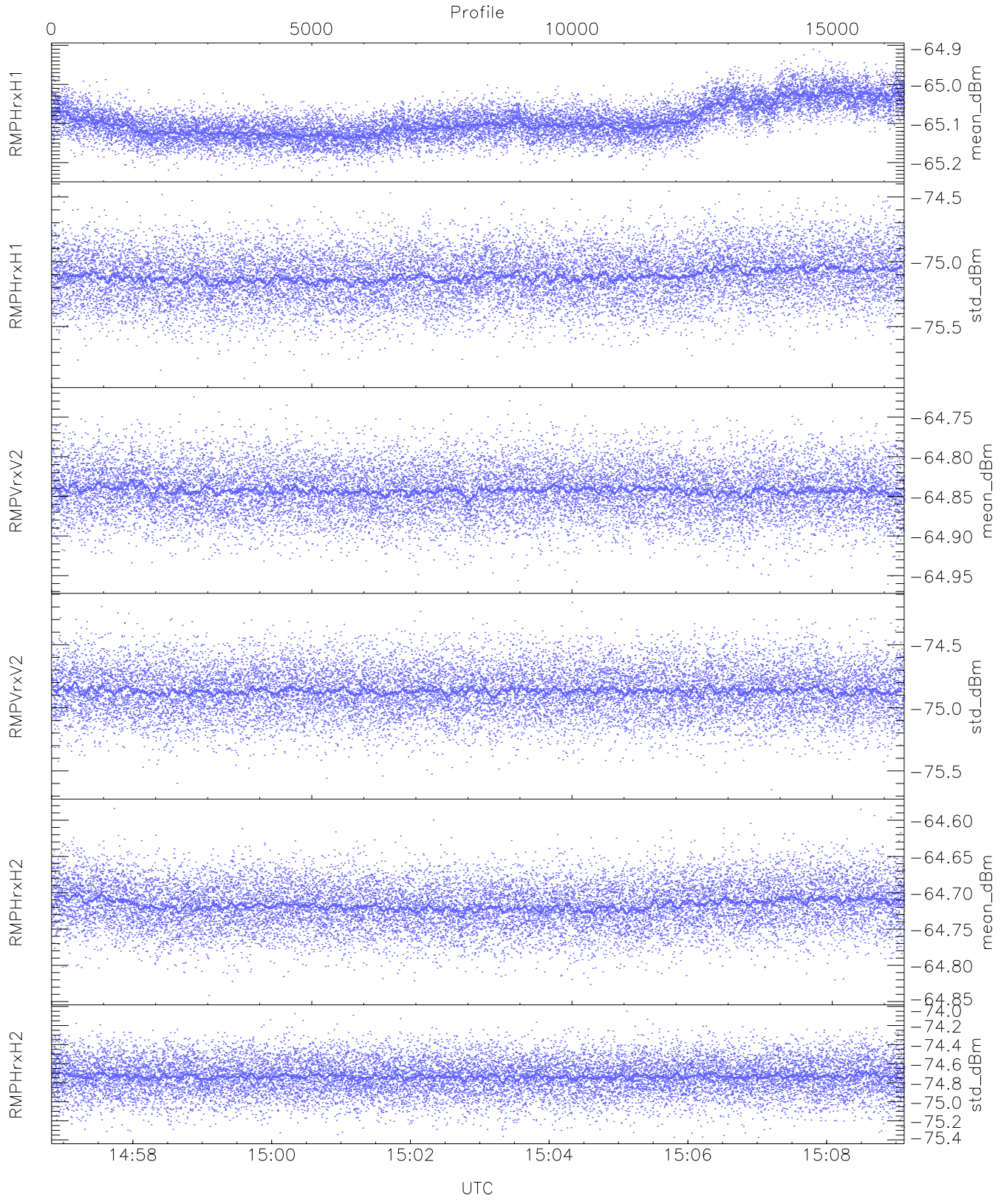
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,27,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,26,28,28,29
LOalarm(20,240,2817,14861 MHz): 0,0,48,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



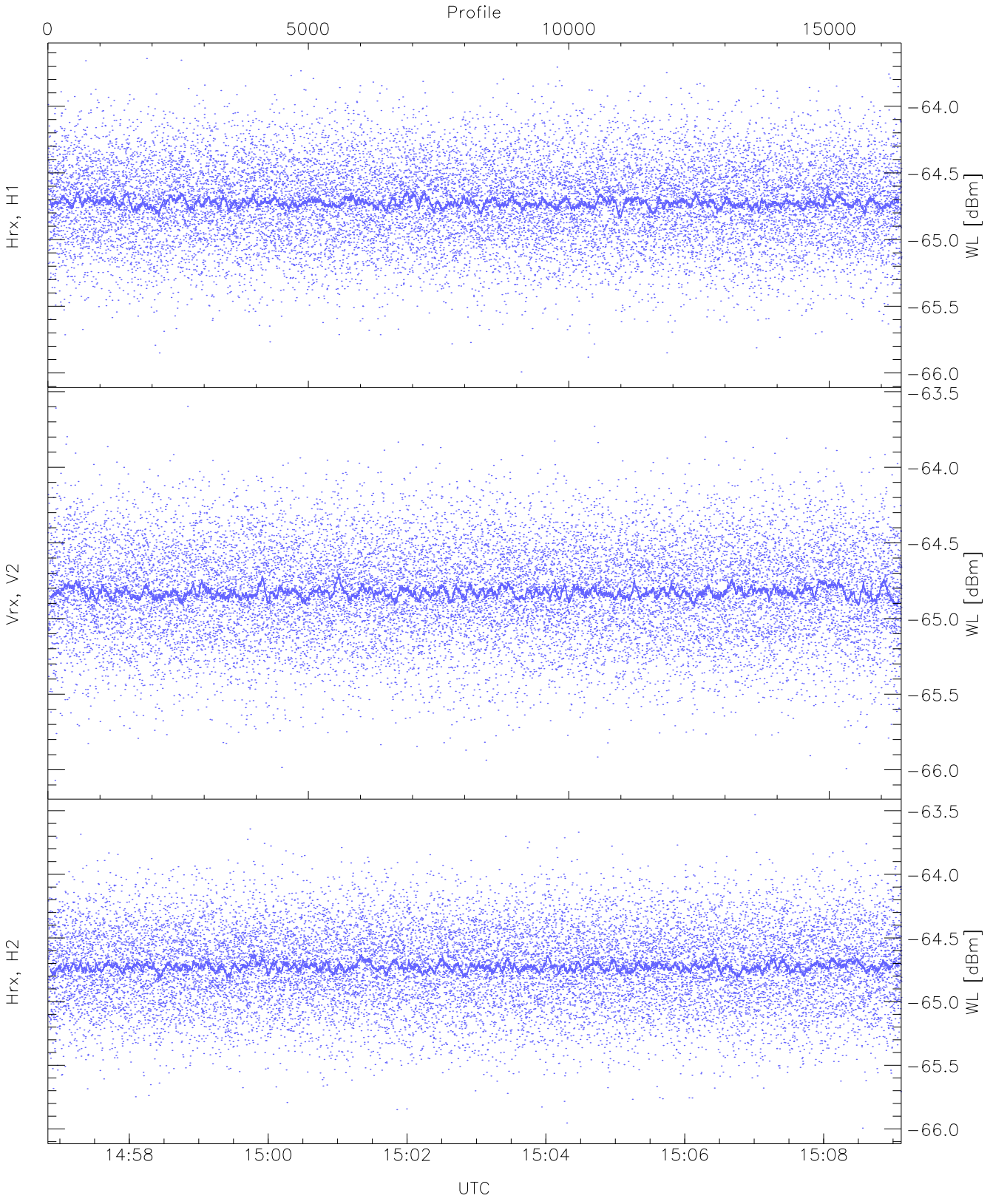
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 2 pixs, 2 gates, 2 profs, 1 prod(s)



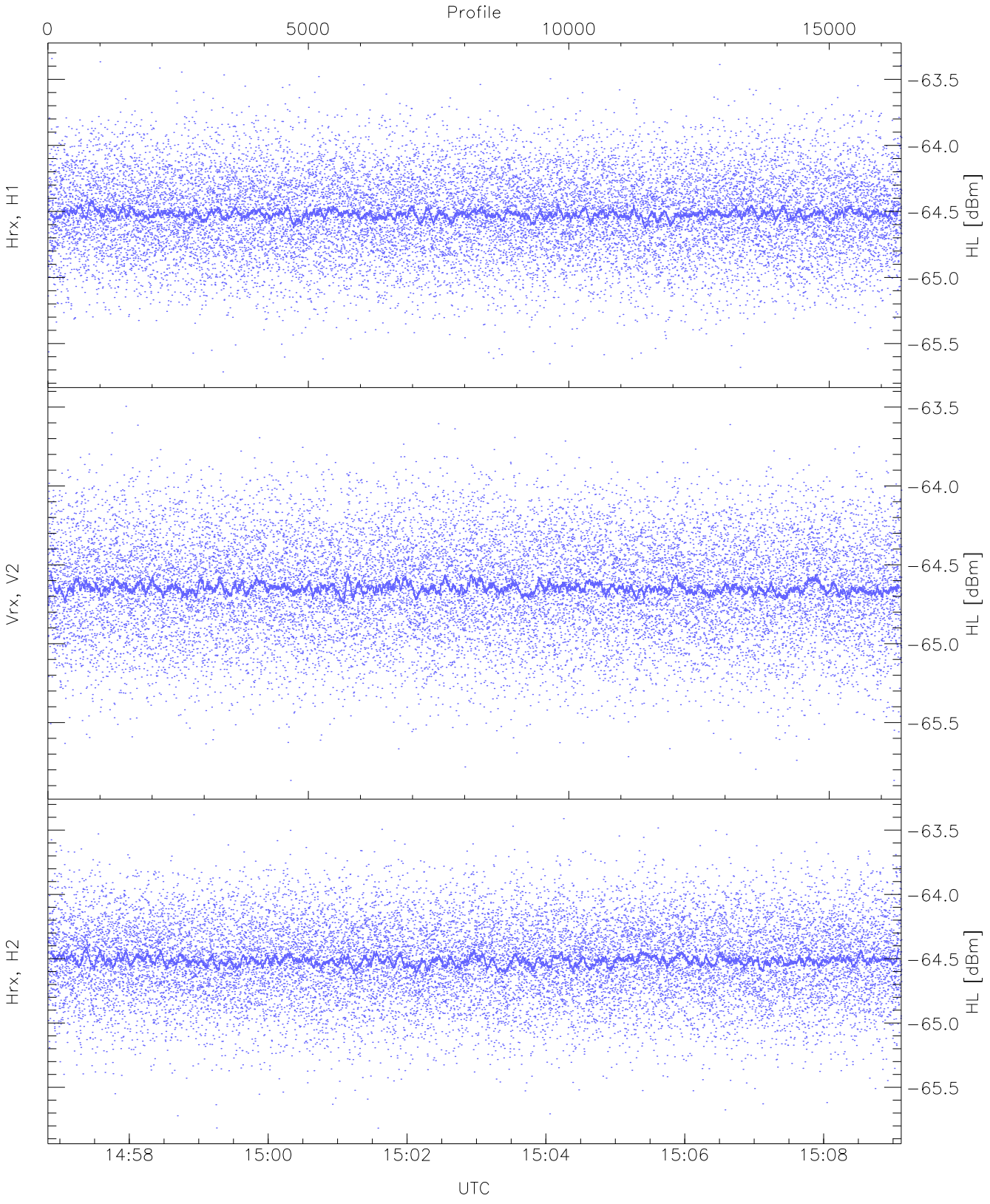
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.23	-64.91	-65.09	-65.10	-84.78
RMPHrxH1(std_dBm)	-75.90	-74.46	-75.11	-75.11	-88.81
RMPVrxV2(mean_dBm)	-64.96	-64.72	-64.84	-64.84	-86.44
RMPVrxV2(std_dBm)	-75.65	-74.17	-74.86	-74.87	-88.61
RMPHrxH2(mean_dBm)	-64.84	-64.58	-64.72	-64.72	-86.24
RMPHrxH2(std_dBm)	-75.37	-74.05	-74.73	-74.74	-88.55



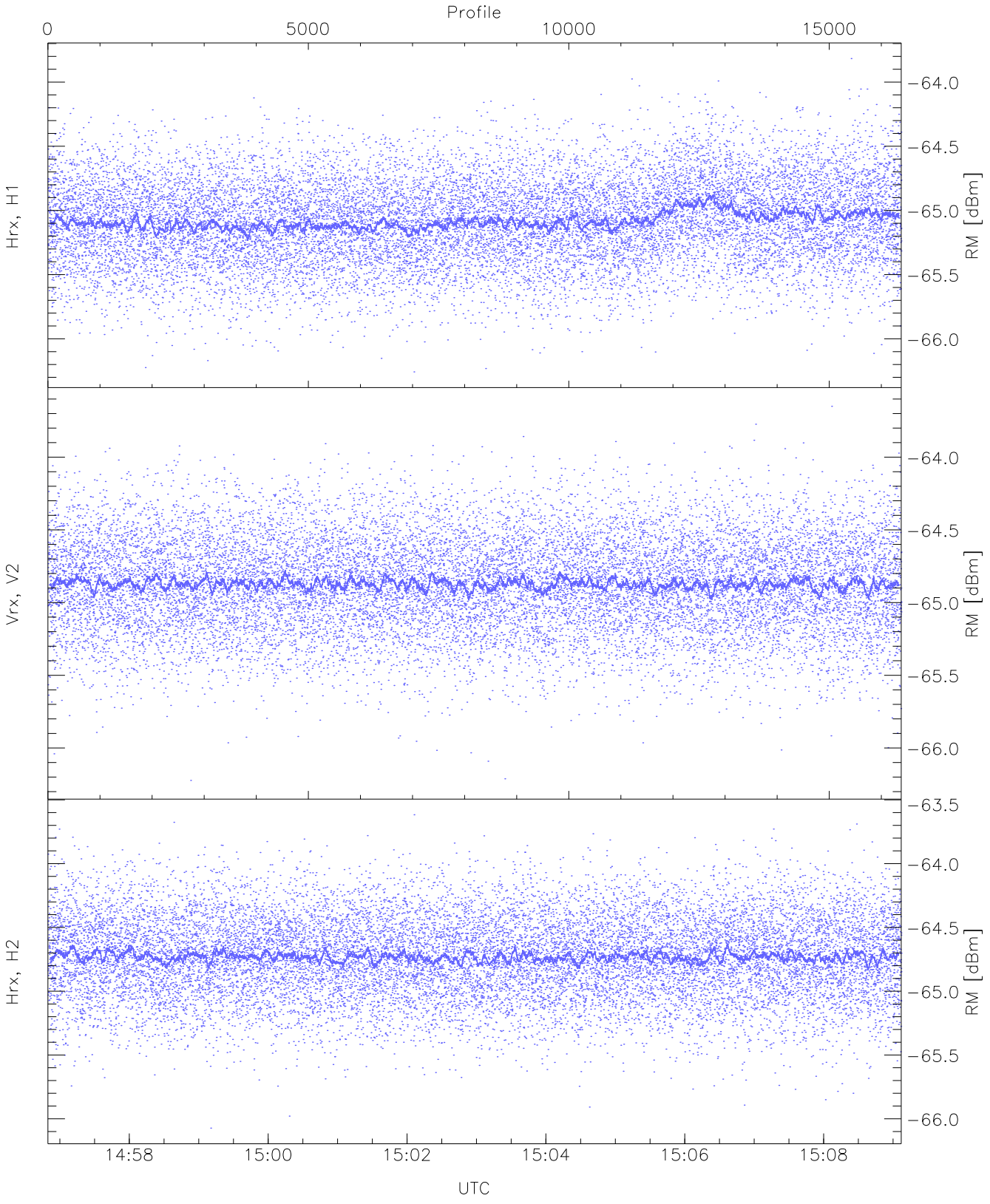
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.99	-63.64	-64.72	-64.72	-76.23
Vrx, V2(WL [dBm])	-66.07	-63.60	-64.82	-64.83	-76.29
Hrx, H2(WL [dBm])	-65.99	-63.53	-64.72	-64.72	-76.19



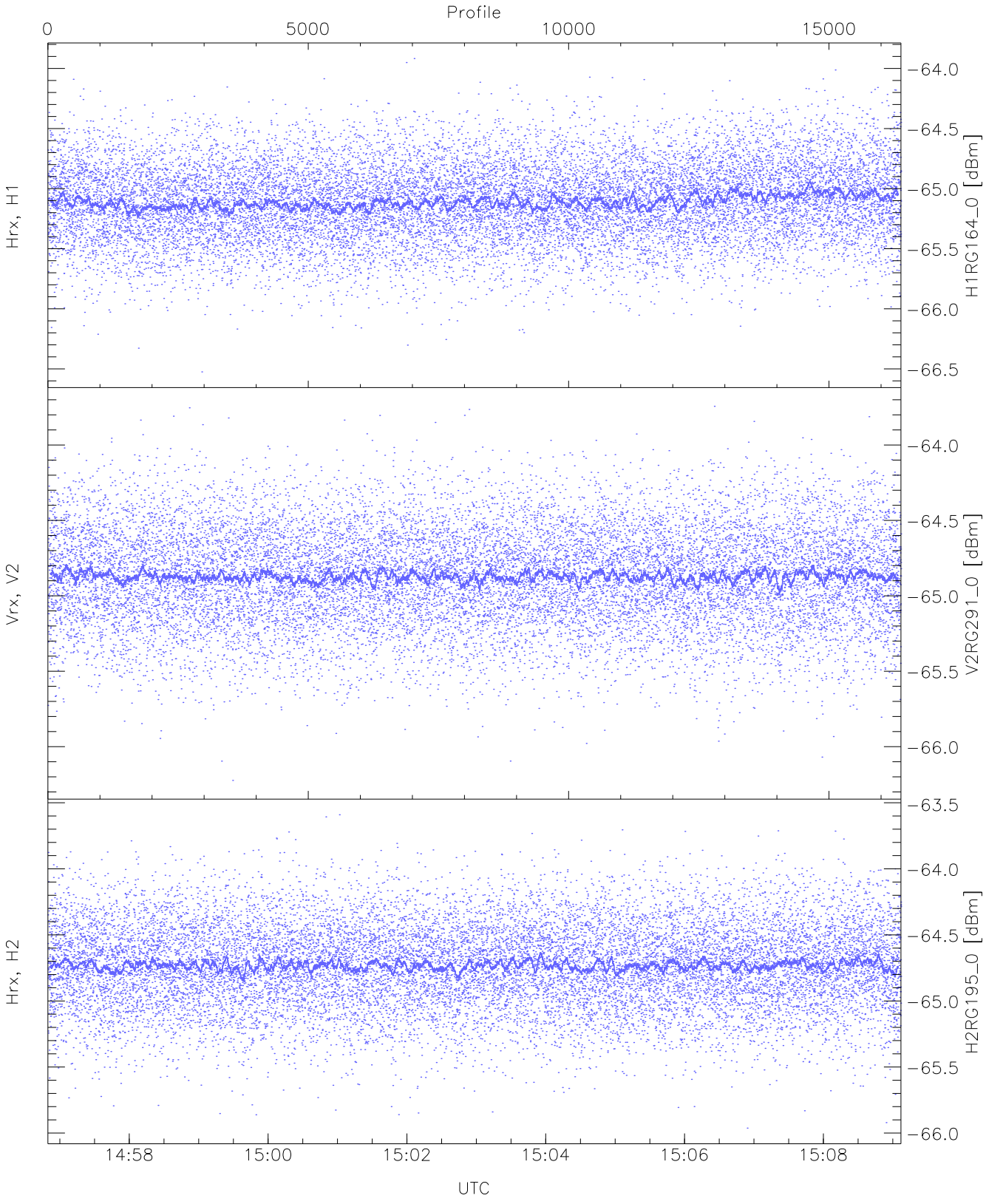
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.71	-63.34	-64.51	-64.52	-76.04
Vrx, V2(HL [dBm])	-65.87	-63.49	-64.64	-64.65	-76.14
Hrx, H2(HL [dBm])	-65.82	-63.38	-64.51	-64.51	-76.02



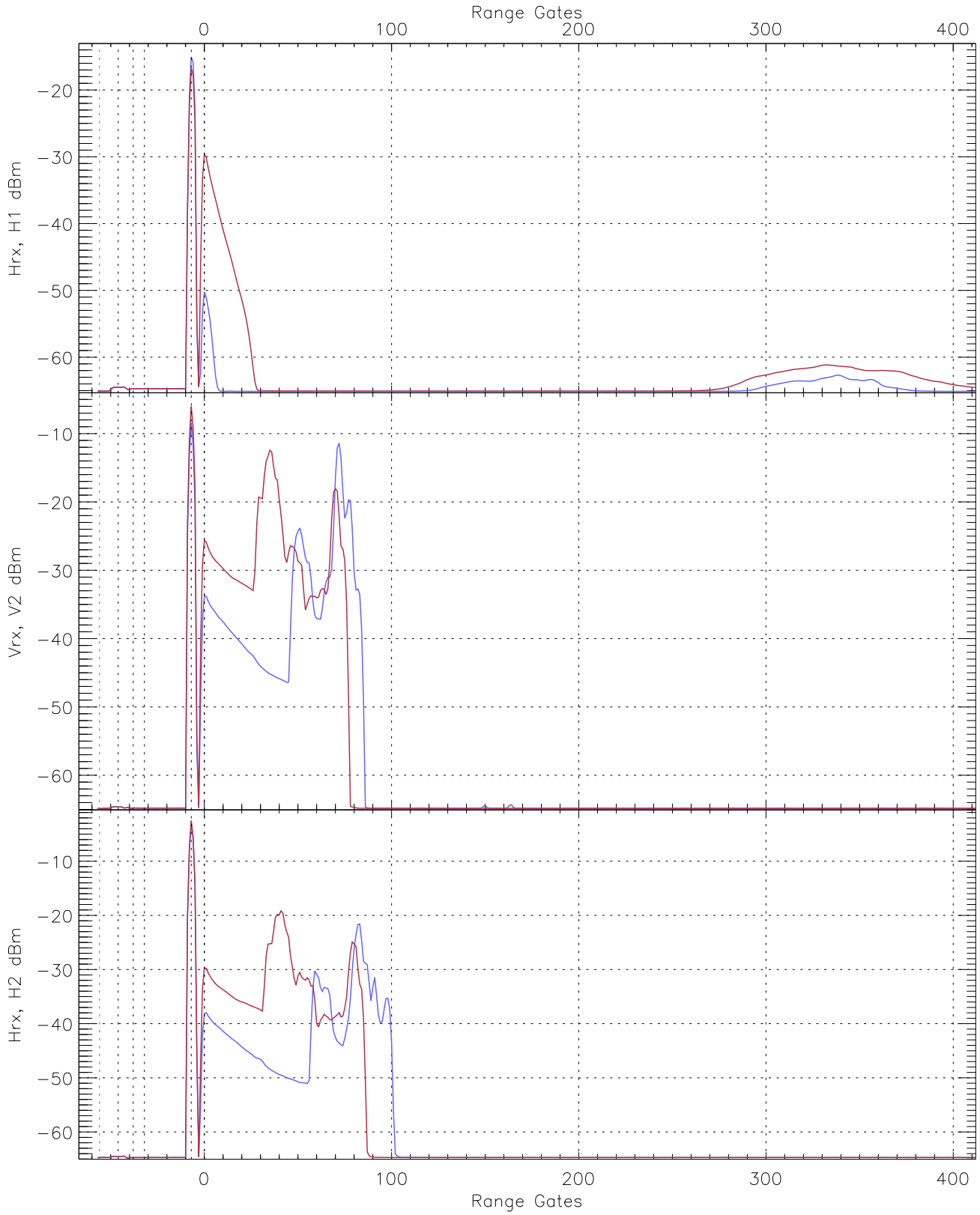
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.26	-63.82	-65.07	-65.08	-76.51
Vrx, V2(RM [dBm])	-66.22	-63.65	-64.86	-64.87	-76.36
Hrx, H2(RM [dBm])	-66.07	-63.62	-64.72	-64.73	-76.23

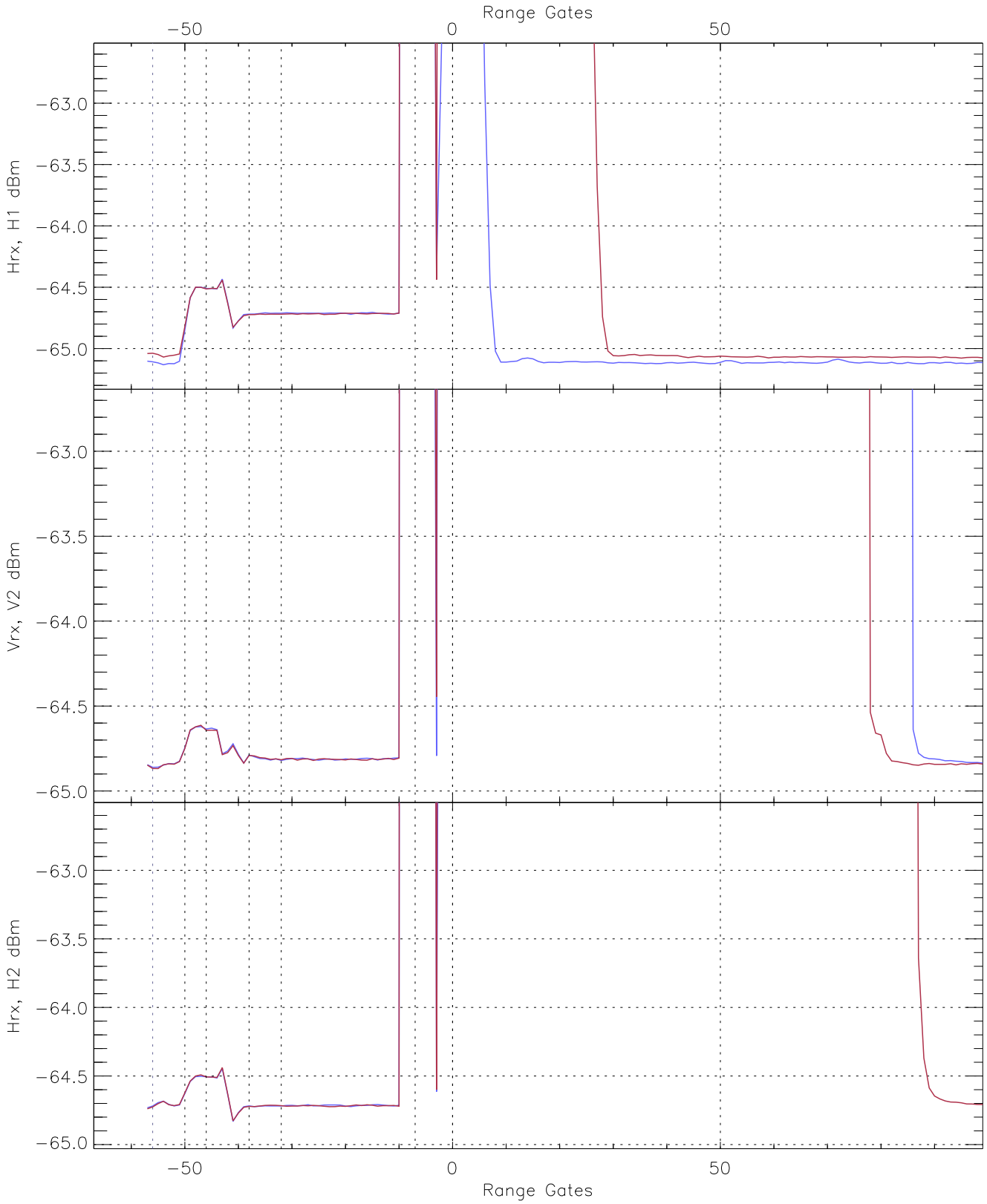


WCR3 CPP "Best" estimate Receivers Noise Power

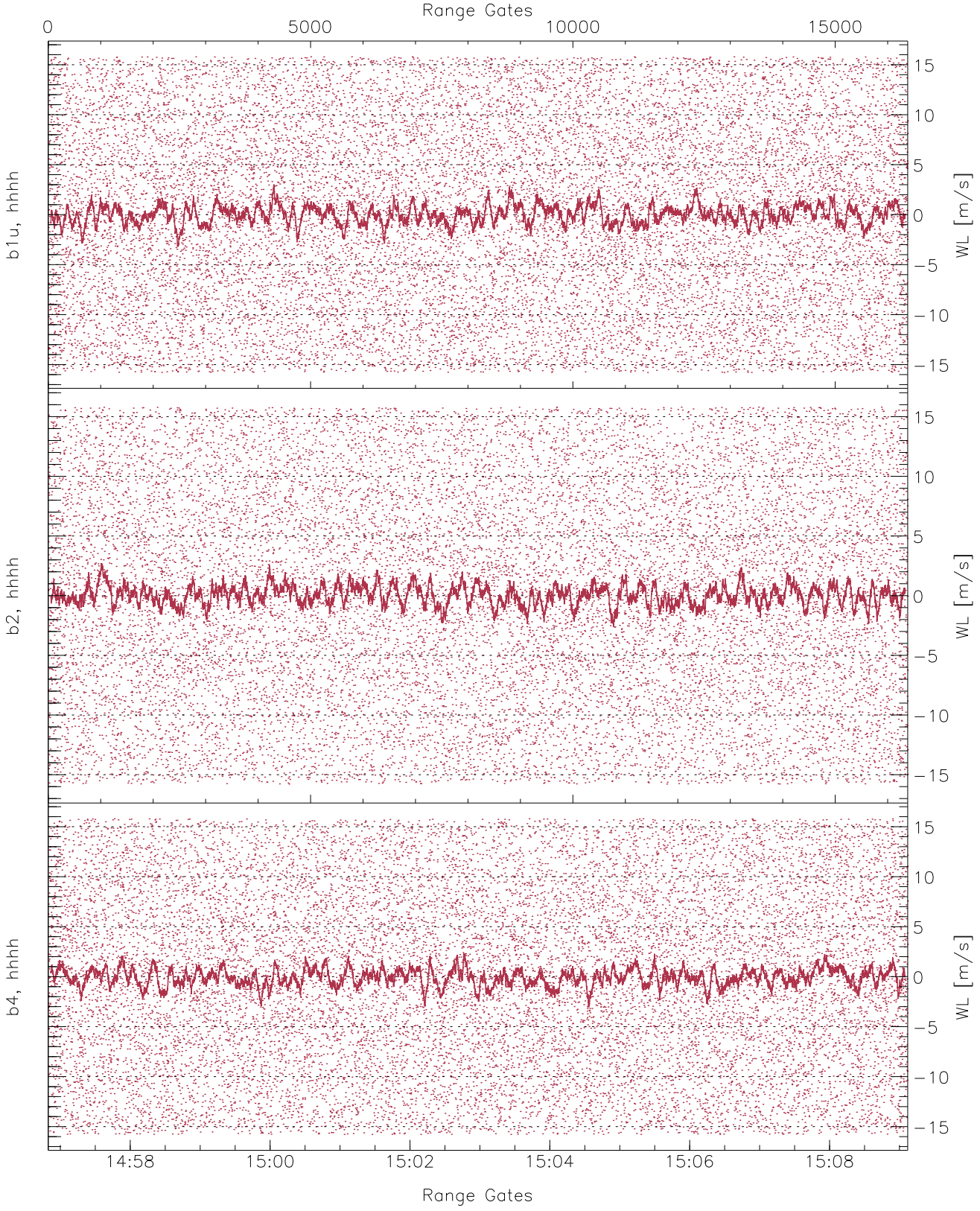
	Min	Max	Mean	Median	StDev
H1RG164_0 [dBm]	-66.53	-63.92	-65.10	-65.11	-76.58
V2RG291_0 [dBm]	-66.22	-63.74	-64.86	-64.87	-76.34
H2RG195_0 [dBm]	-65.96	-63.59	-64.72	-64.73	-76.26



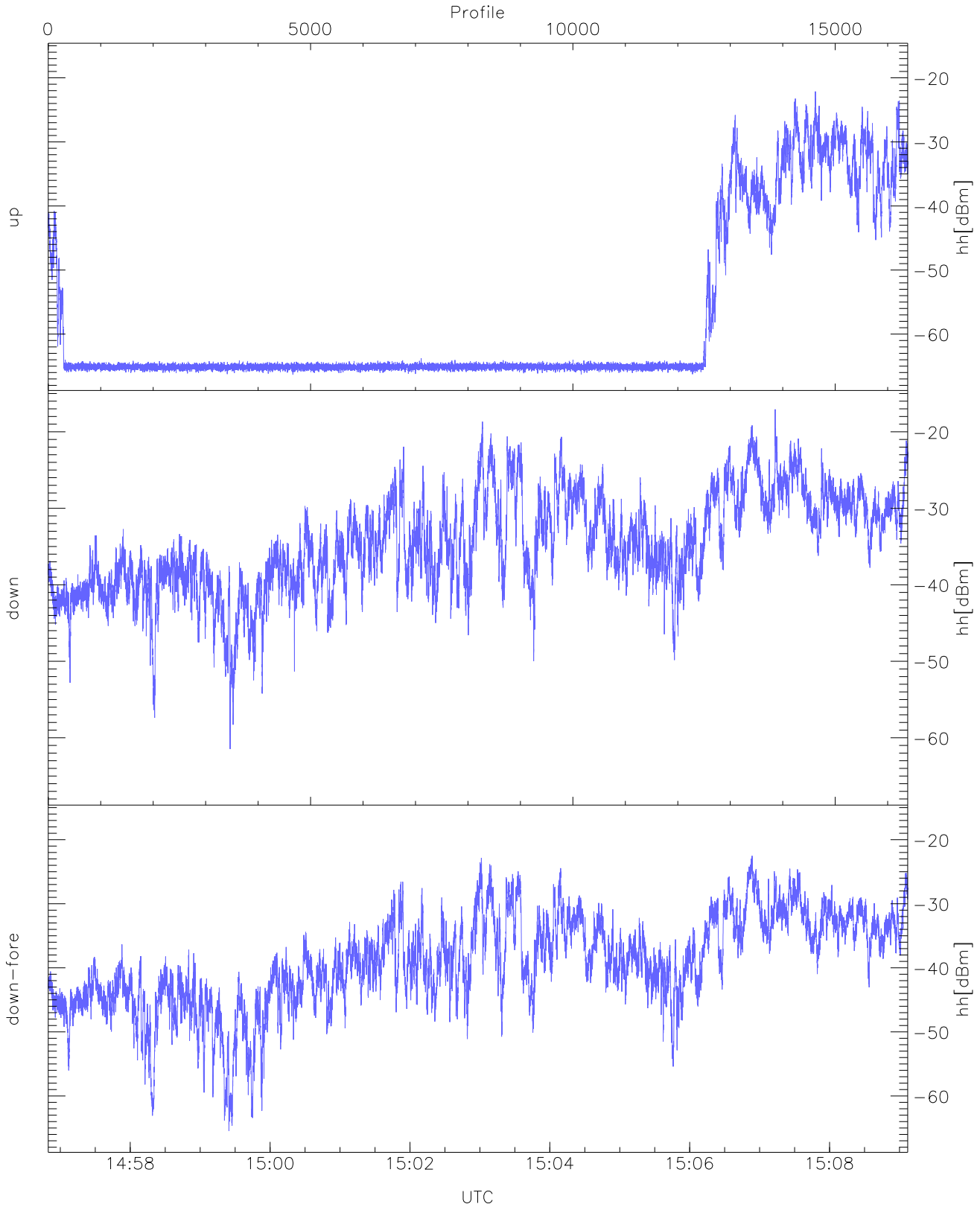
WCR3 CPP Averaged Received power for all recorded gates
blue: 145650-150258, 8193 profiles averaged
red: 150258-150907, 8192 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 145650-150258, 8193 profiles averaged
red: 150258-150907, 8192 profiles averaged

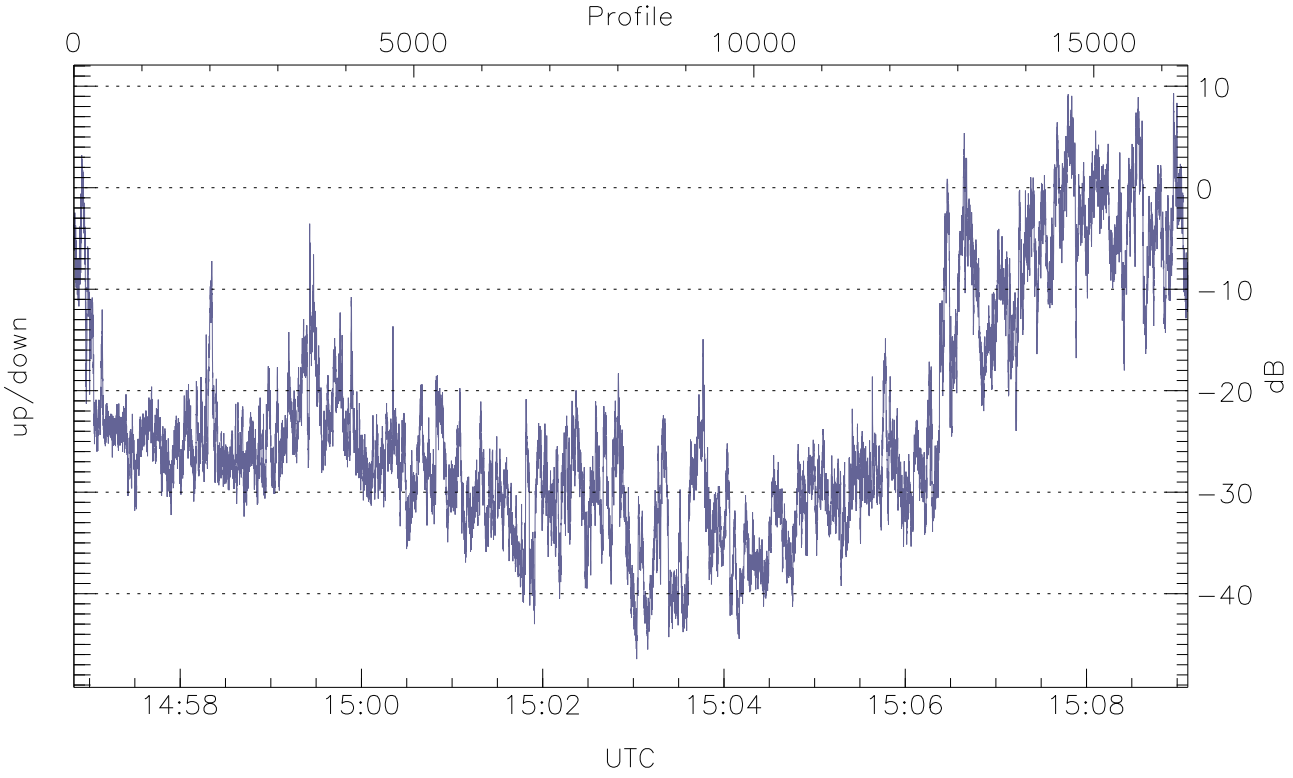


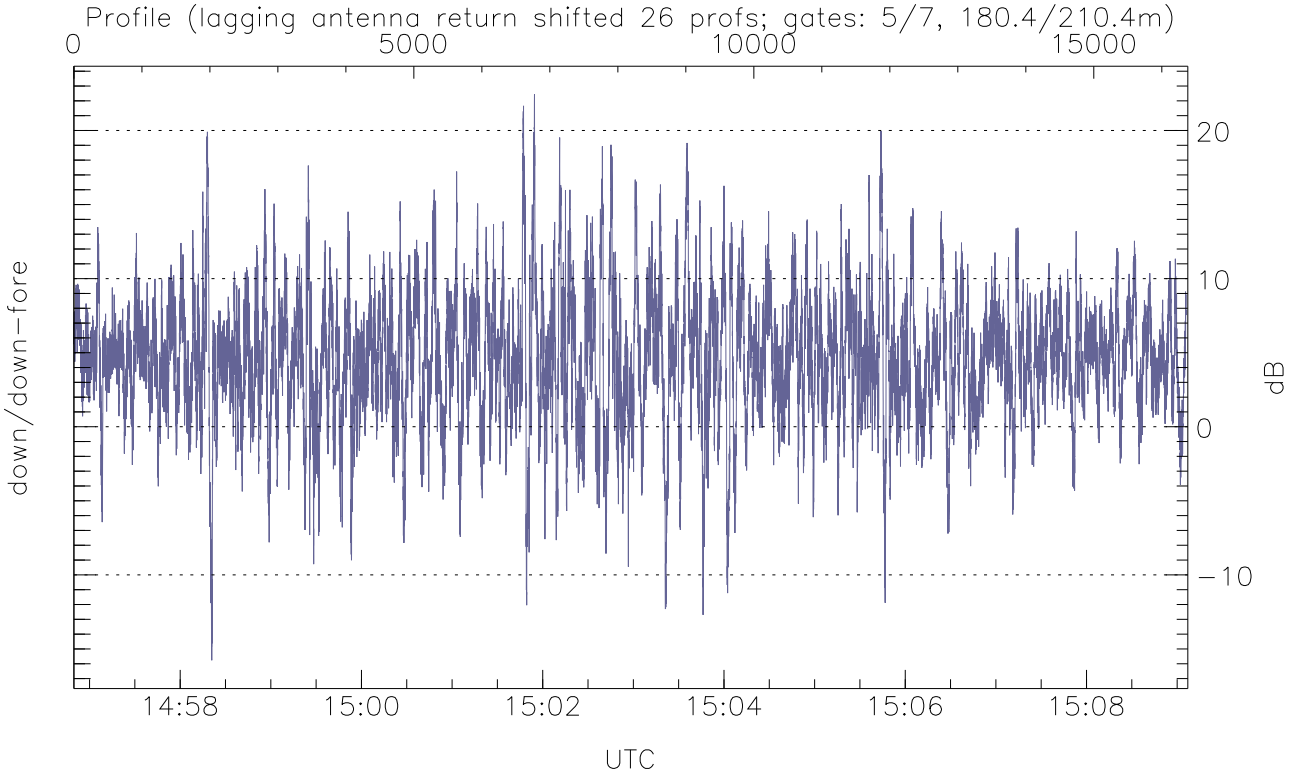
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

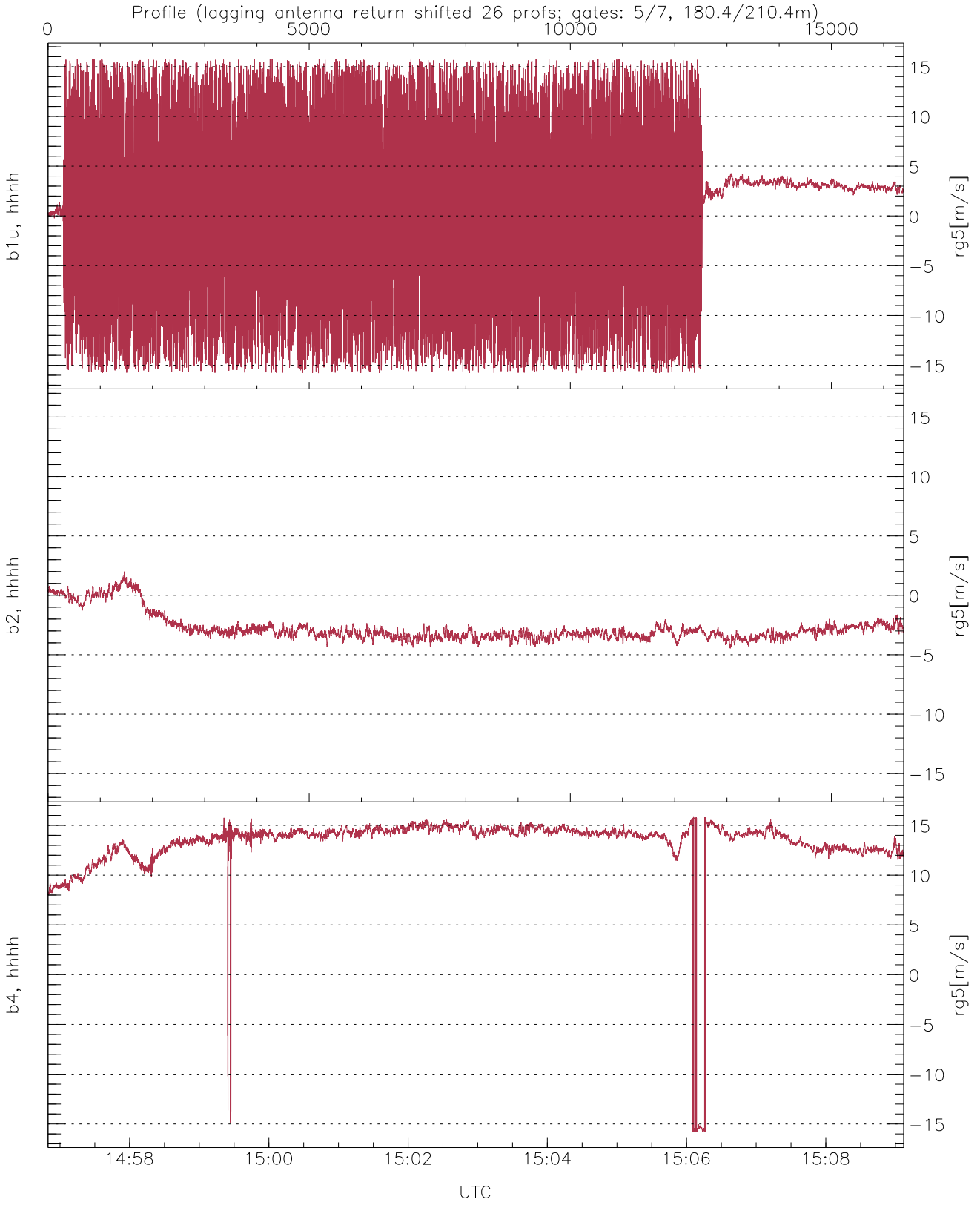
	Min	Max	Mean
up(hh[dBm])	-66.33	-22.12	-38.28
down(hh[dBm])	-61.47	-17.06	-30.59
down-fore(hh[dBm])	-65.47	-22.51	-34.55





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

	Min	Max	Mean
up/down(dB)	-46.44	9.30	-23.17
down/down-fore(dB)	-15.76	22.43	4.59



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.68	7.52
b2, hhhh(rg5[m/s])	-4.47	2.01	-2.75	1.18
b4, hhhh(rg5[m/s])	-15.79	15.79	13.20	3.52