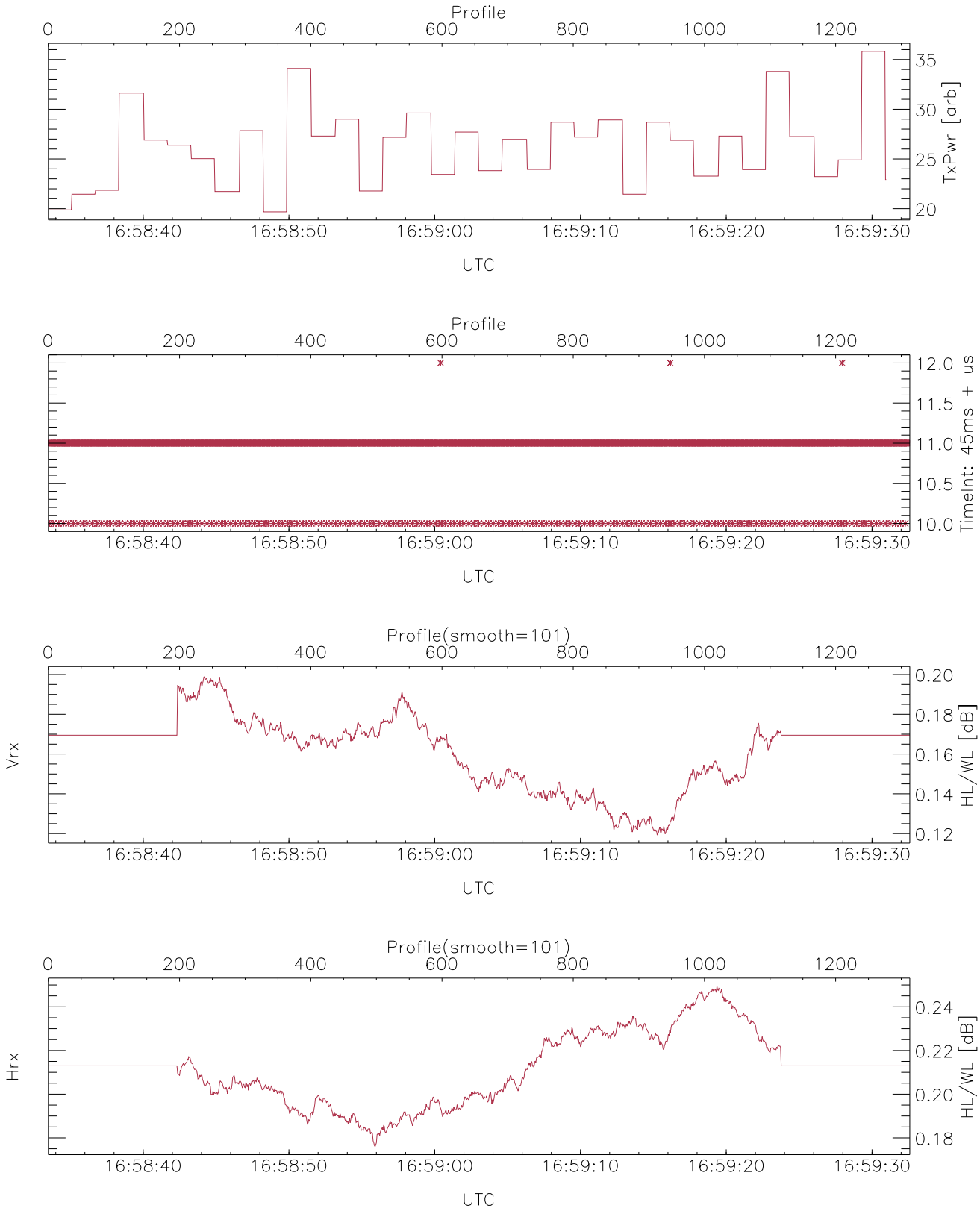
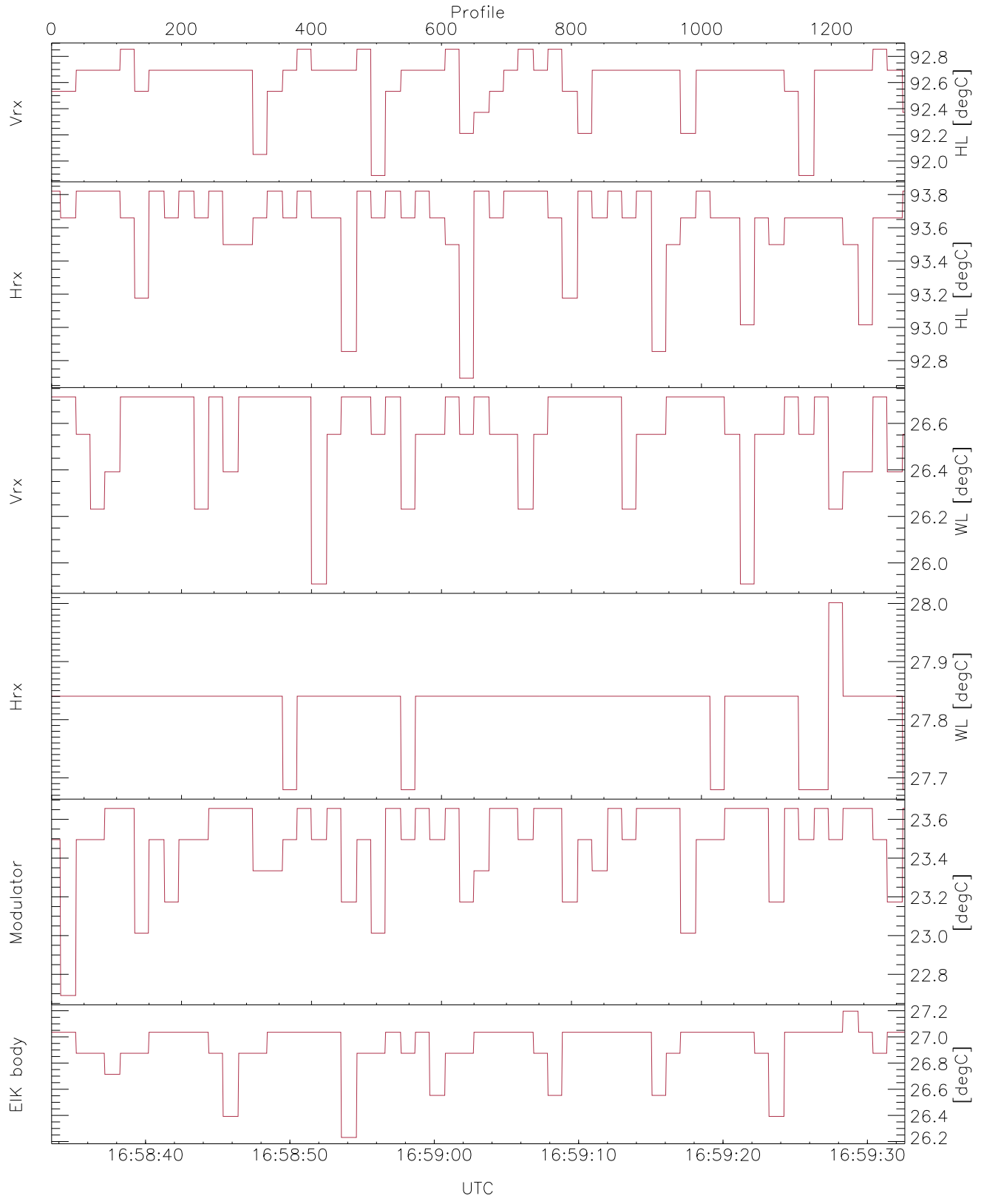


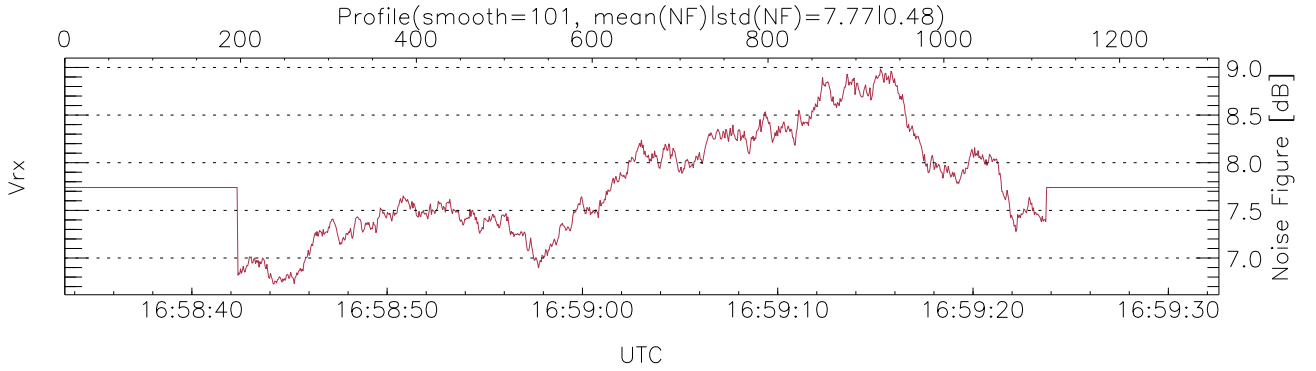
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

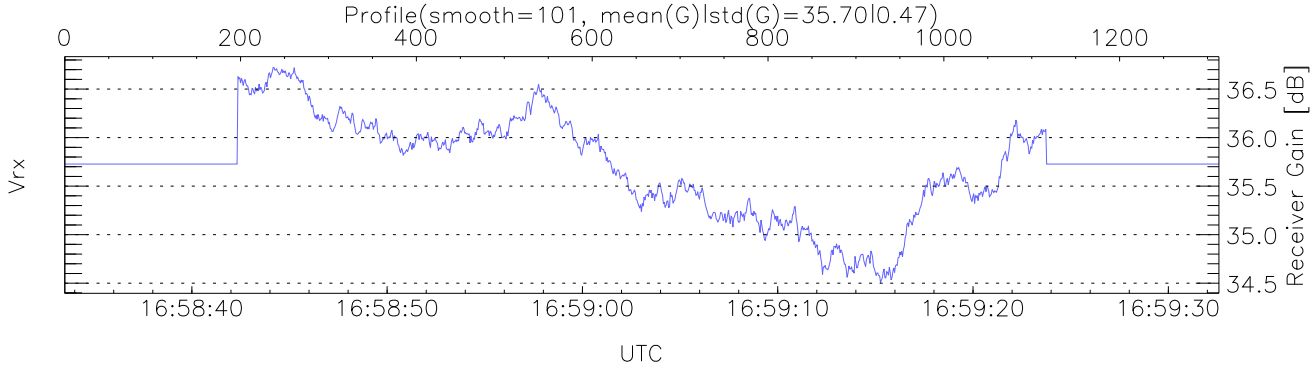
UTC: 16:58:33-16:59:33, TimeCor: 0.00s, Dur: 59.10s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 1314/1314, 0-1313/16:58:33-16:59:33
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 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

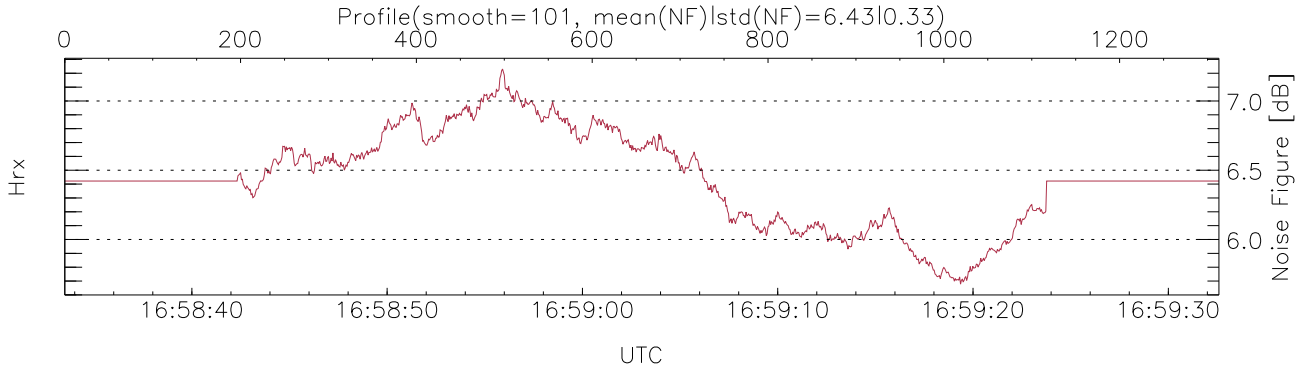


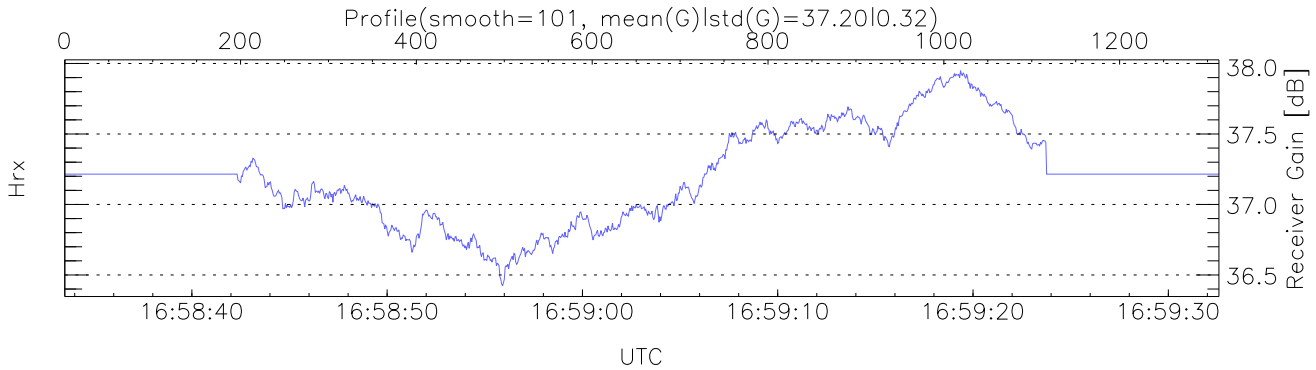
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,27,22,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,28,23,27
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



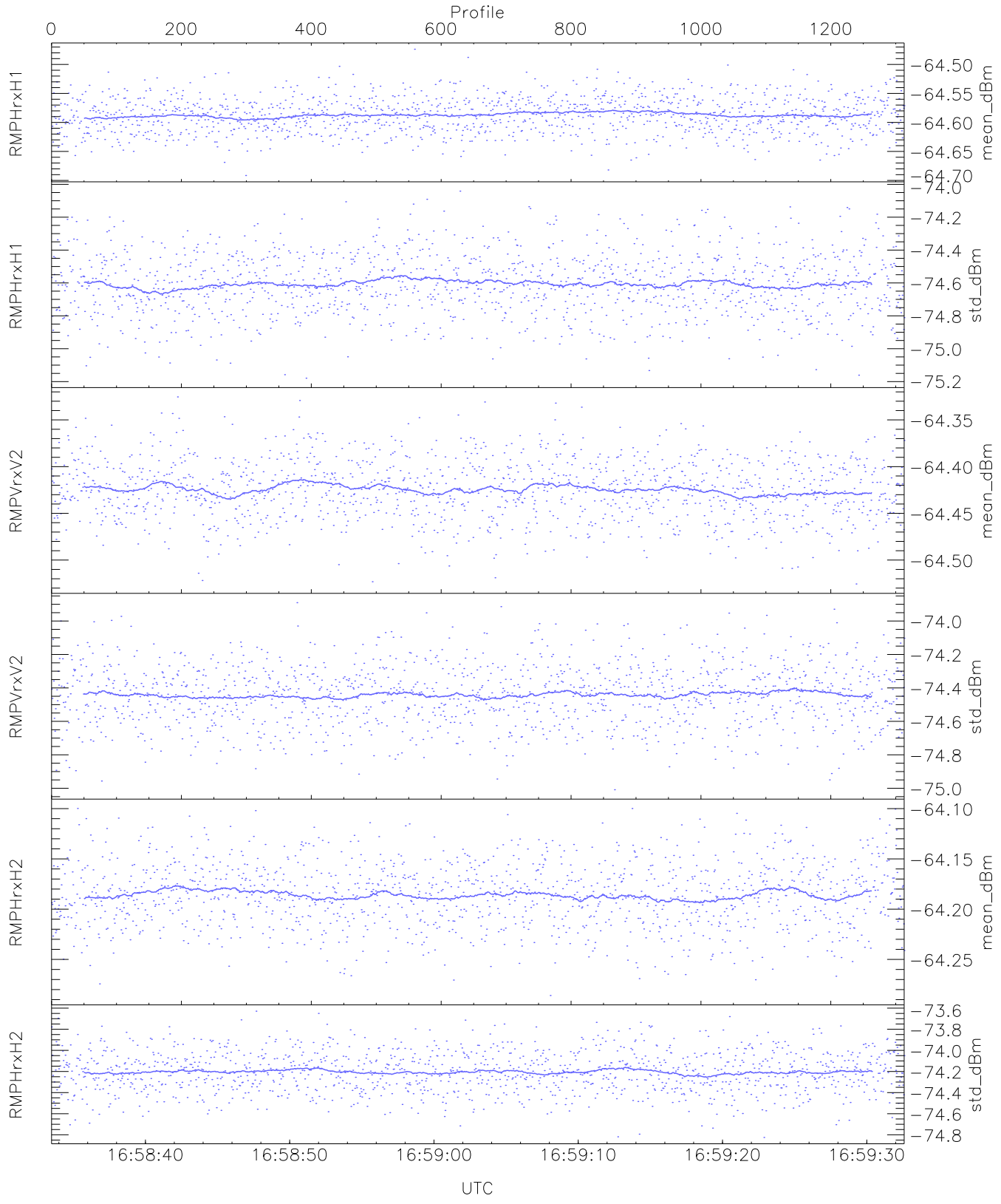






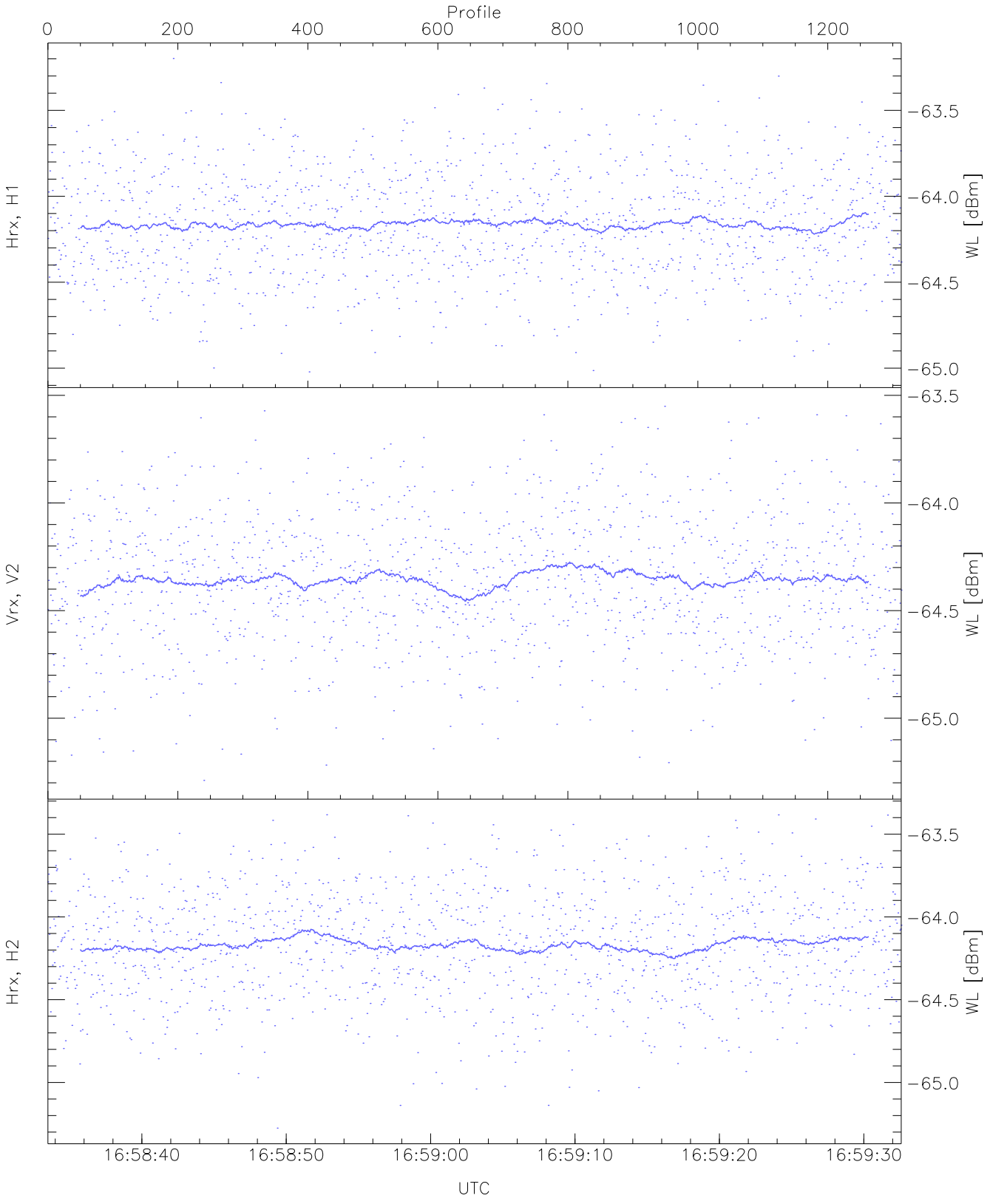
WCR3 CPP Receivers Gain and Noise Figure

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



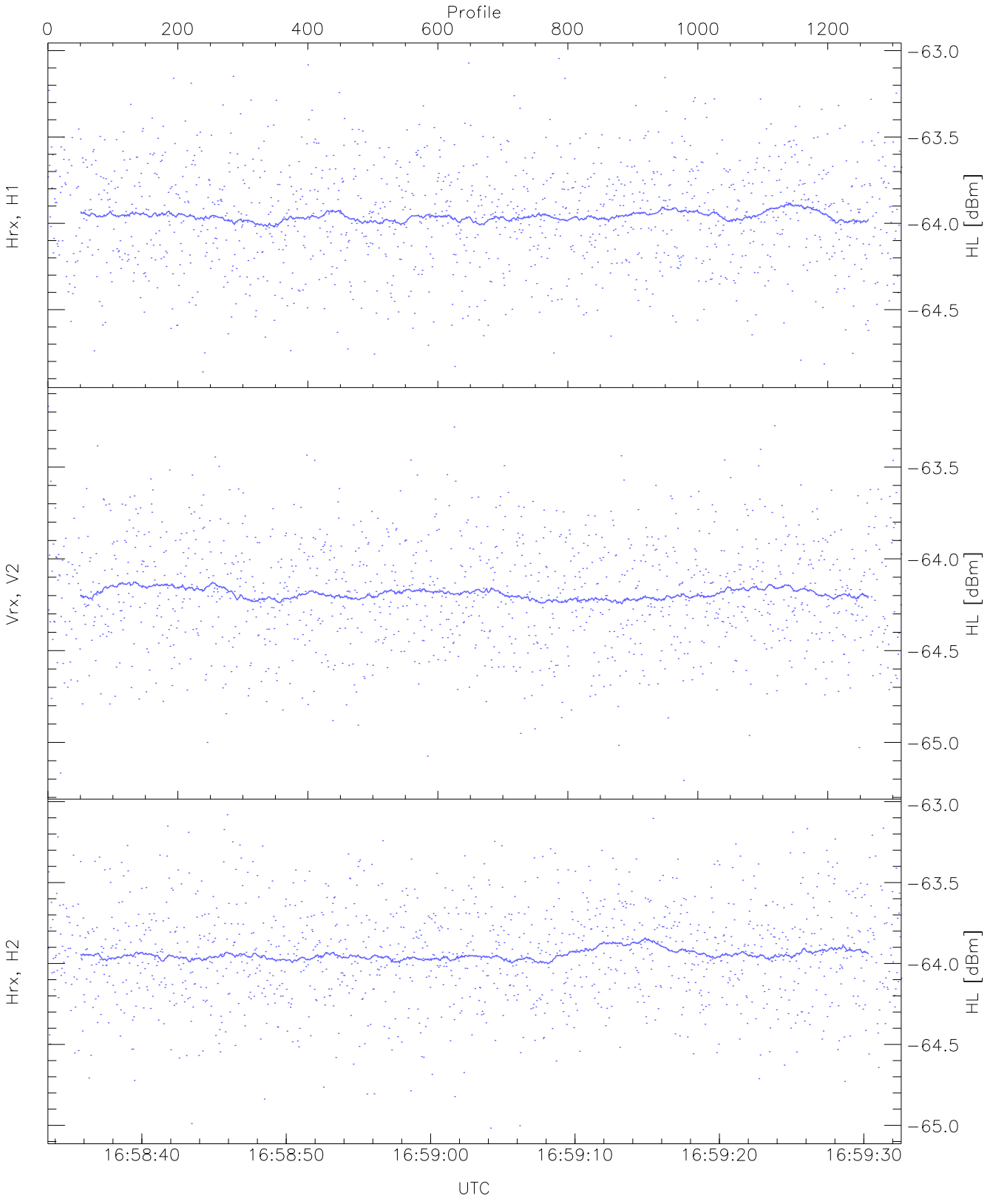
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-64.69	-64.47	-64.59	-64.59	-86.27
RMPHrxH1(std_dBm)	-75.18	-74.04	-74.60	-74.61	-88.35
RMPVrxV2(mean_dBm)	-64.53	-64.33	-64.42	-64.42	-85.87
RMPVrxV2(std_dBm)	-75.01	-73.89	-74.44	-74.43	-88.30
RMPHrxH2(mean_dBm)	-64.29	-64.10	-64.19	-64.19	-85.59
RMPHrxH2(std_dBm)	-74.83	-73.63	-74.20	-74.20	-87.83



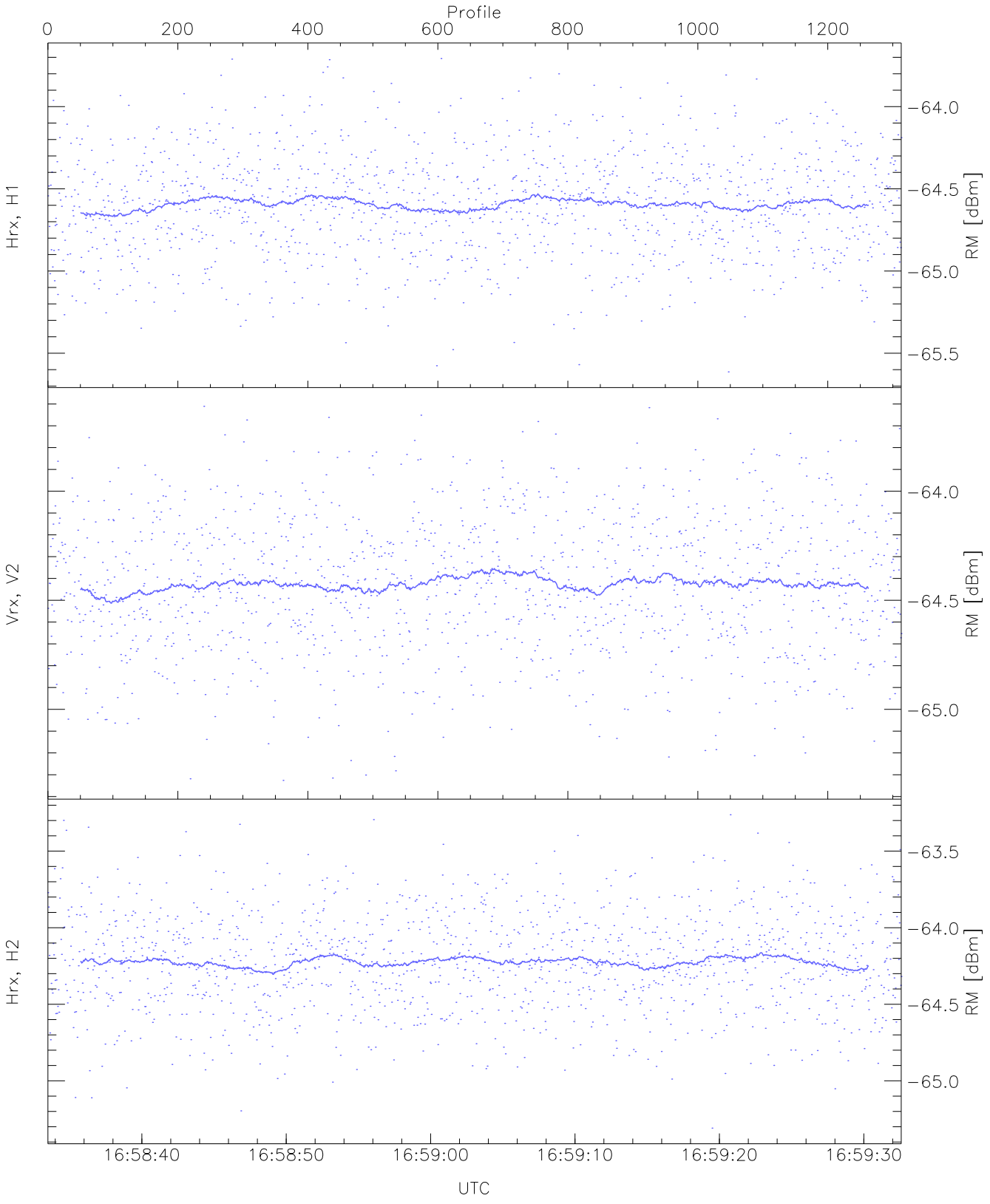
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.02	-63.20	-64.15	-64.17	-75.70
Vrx, V2(WL [dBm])	-65.29	-63.55	-64.35	-64.36	-76.04
Hrx, H2(WL [dBm])	-65.28	-63.38	-64.16	-64.17	-75.60



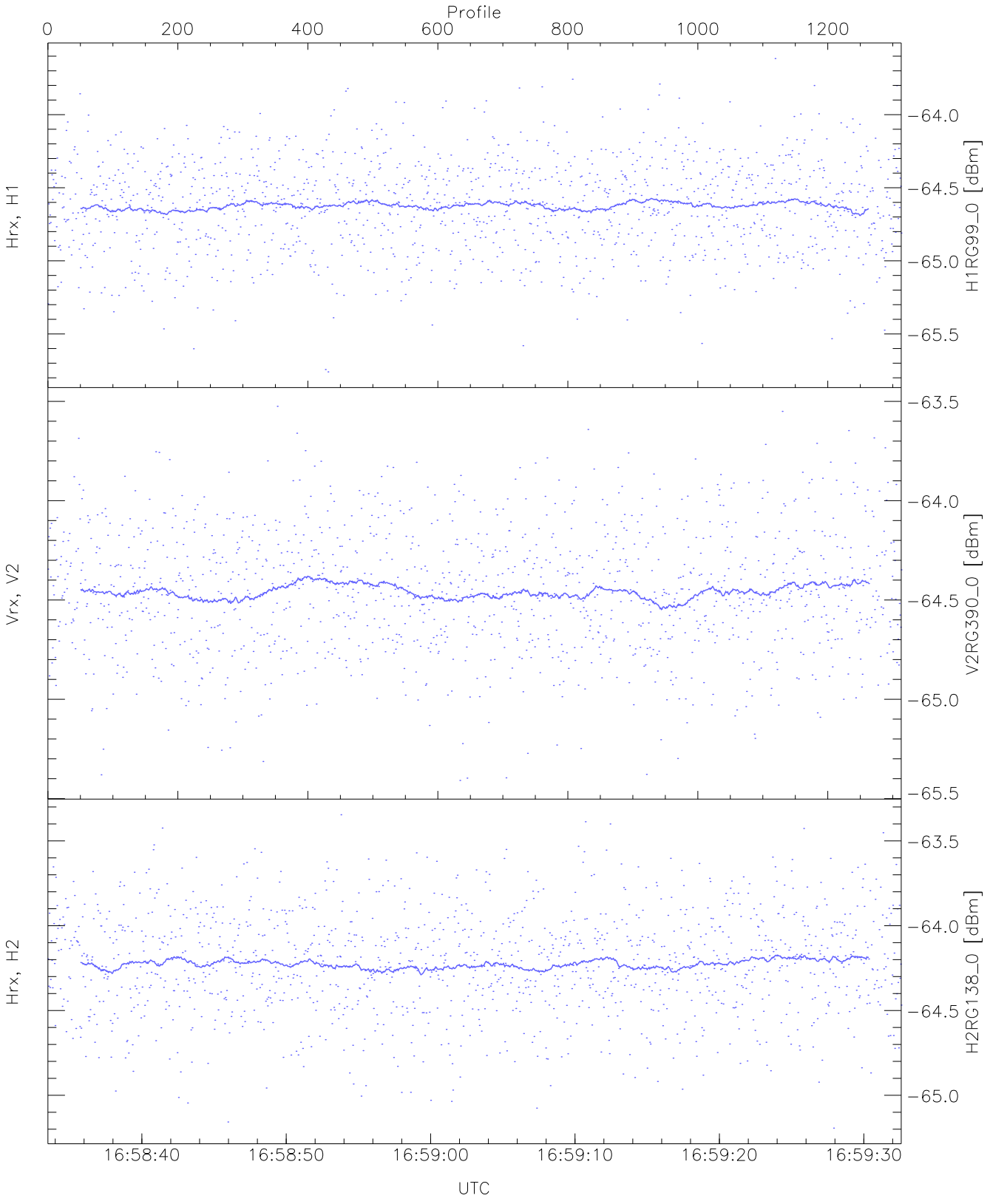
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-64.86	-63.05	-63.95	-63.94	-75.50
Vrx, V2(HL [dBm])	-65.21	-63.17	-64.18	-64.20	-75.84
Hrx, H2(HL [dBm])	-65.02	-63.08	-63.93	-63.94	-75.47



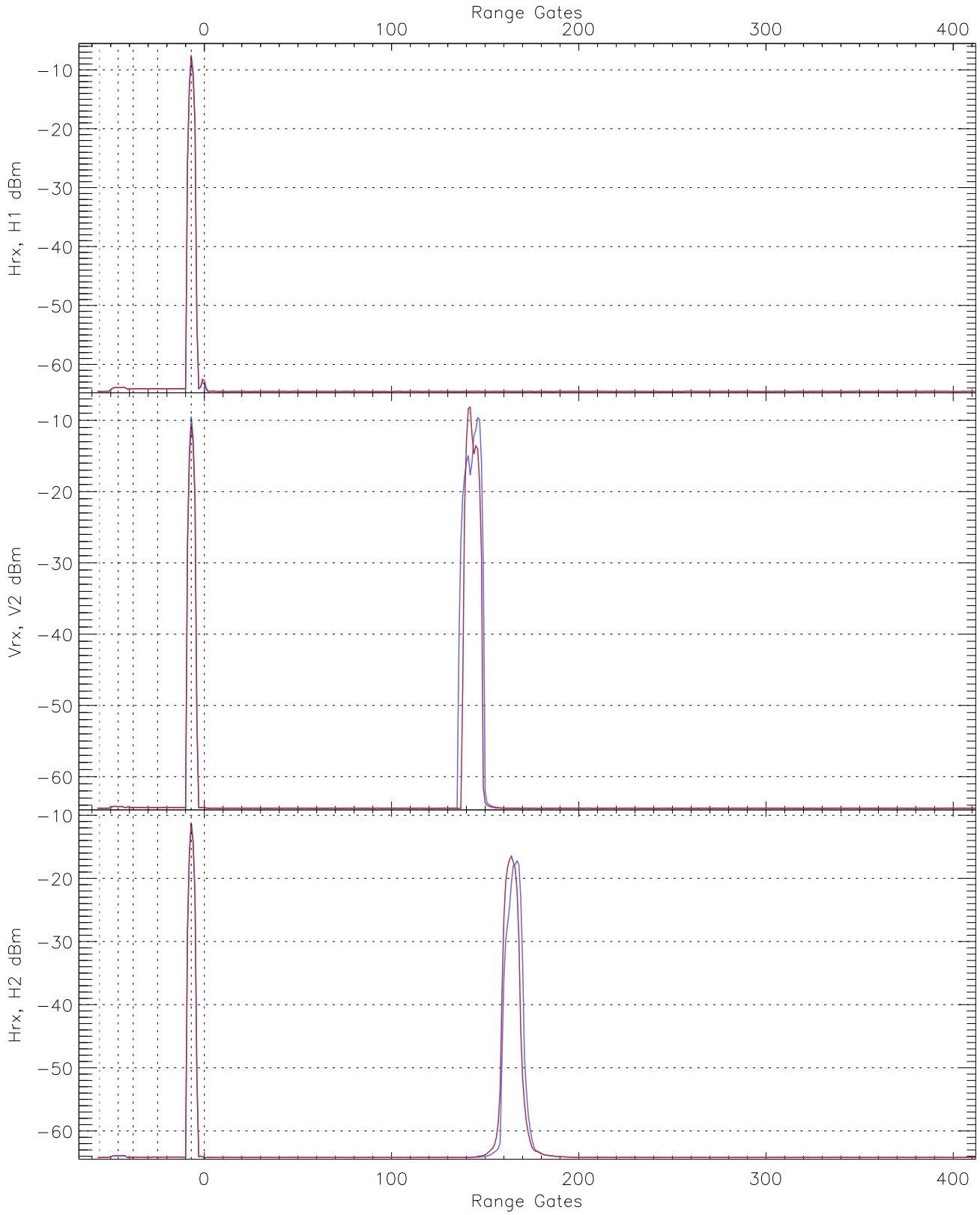
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-65.61	-63.71	-64.59	-64.59	-76.11
Vrx, V2(RM [dBm])	-65.33	-63.61	-64.42	-64.42	-76.00
Hrx, H2(RM [dBm])	-65.31	-63.26	-64.21	-64.22	-75.67

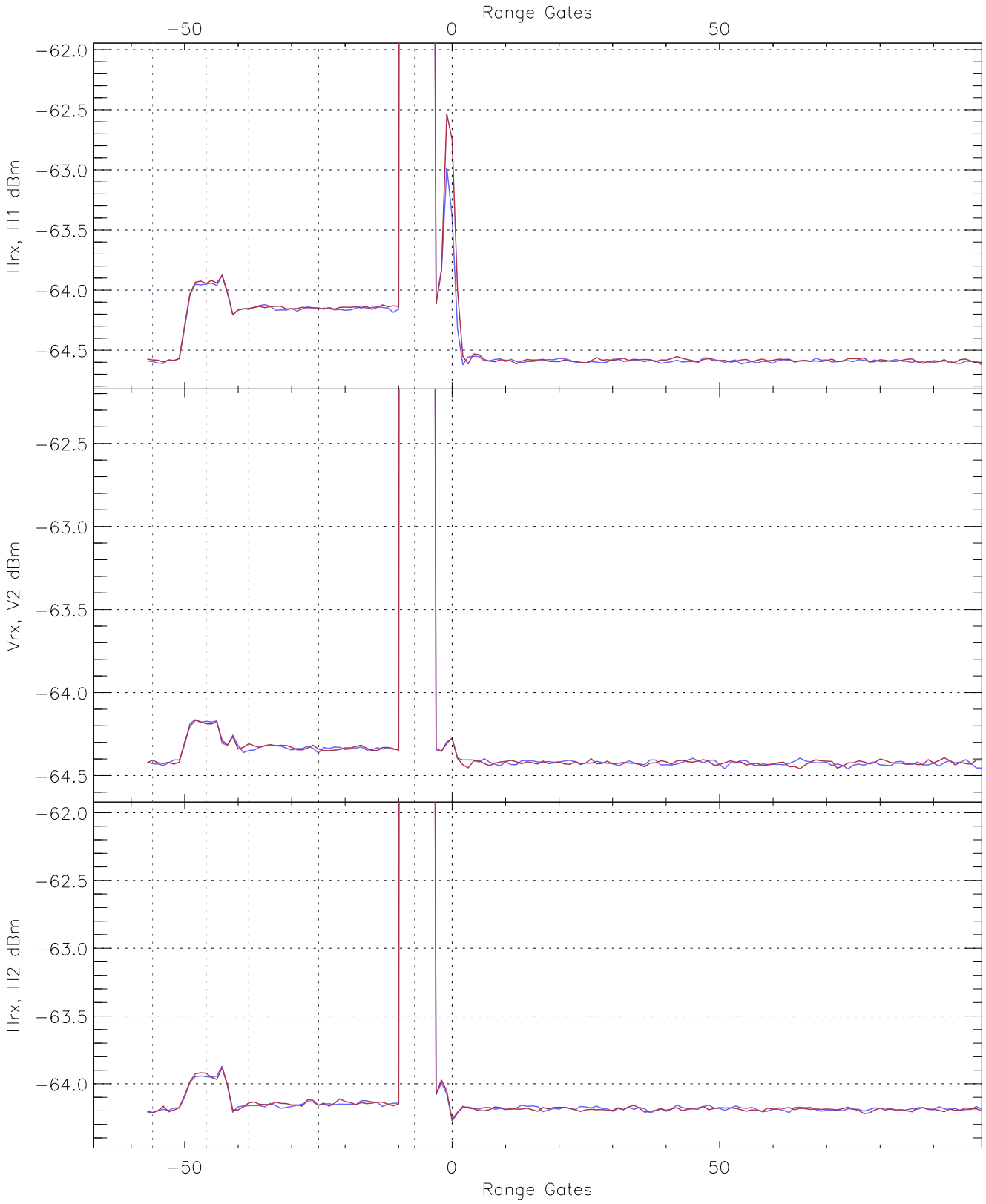


WCR3 CPP "Best" estimate Receivers Noise Power

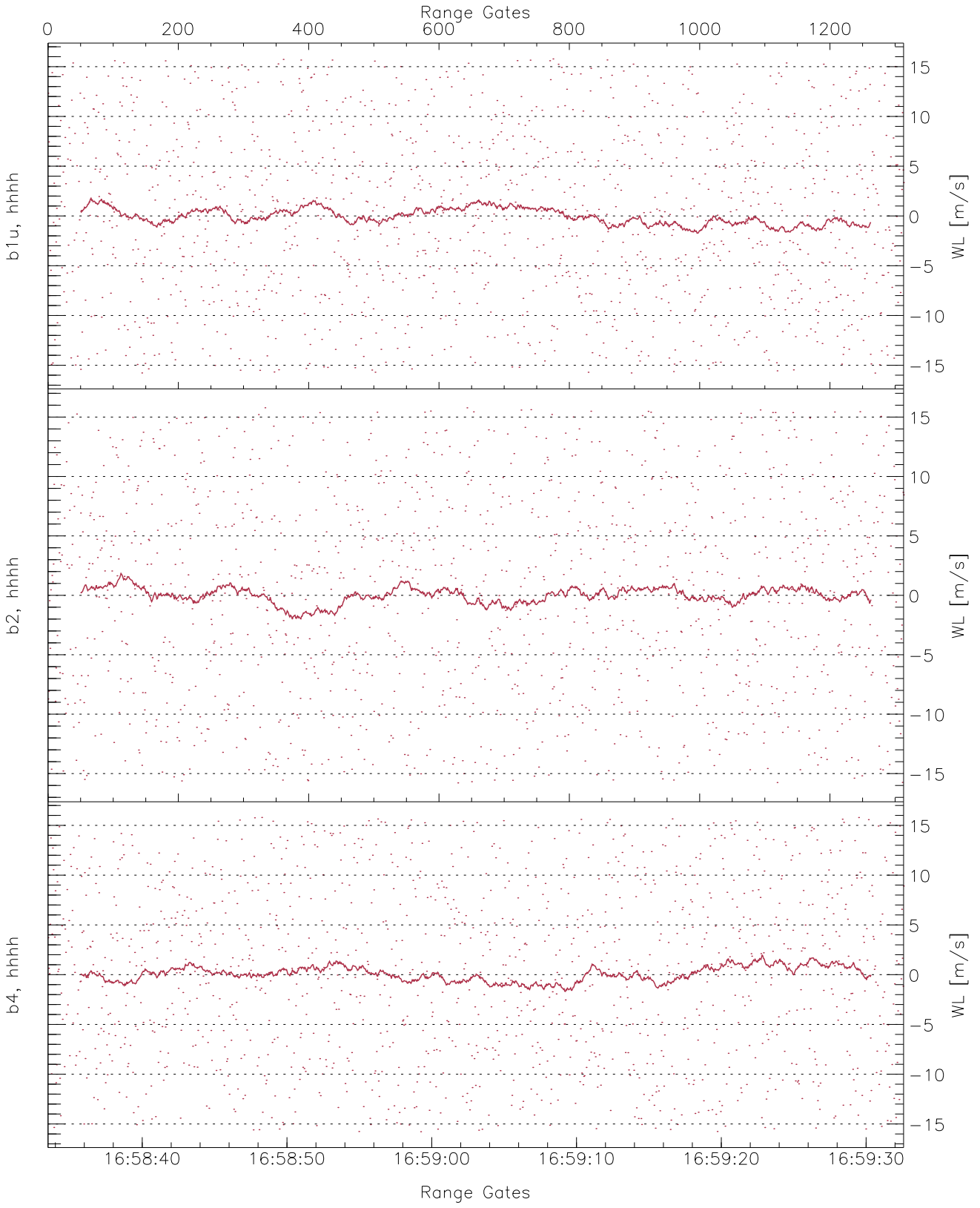
	Min	Max	Mean	Median	StDev
H1RG99_0 [dBm]	-65.76	-63.62	-64.61	-64.61	-76.10
V2RG390_0 [dBm]	-65.41	-63.52	-64.45	-64.46	-75.94
H2RG138_0 [dBm]	-65.19	-63.35	-64.21	-64.22	-75.82



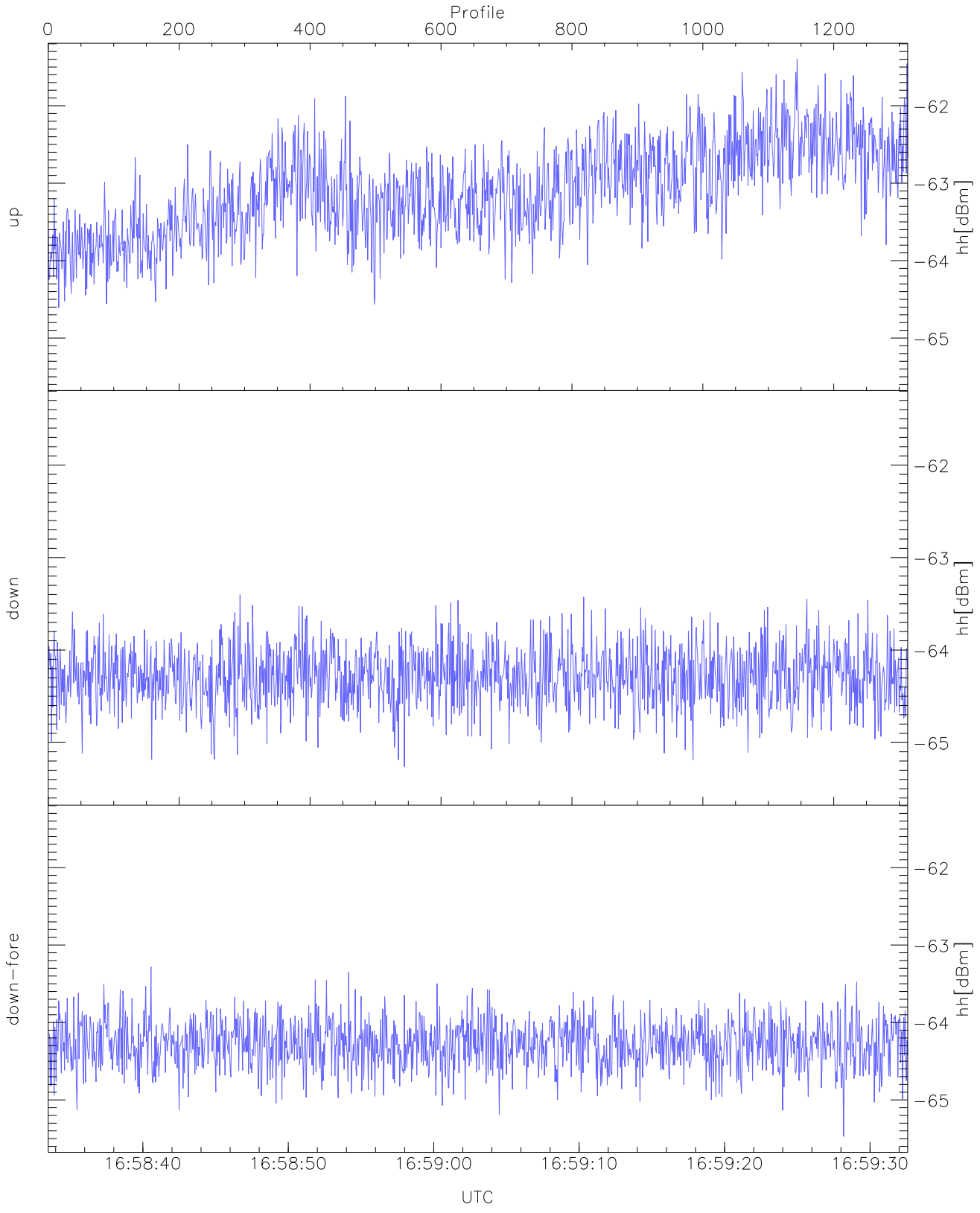
WCR3 CPP Averaged Received power for all recorded gates
blue: 165833-165903, 658 profiles averaged
red: 165903-165933, 657 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 165833-165903, 658 profiles averaged
red: 165903-165933, 657 profiles averaged

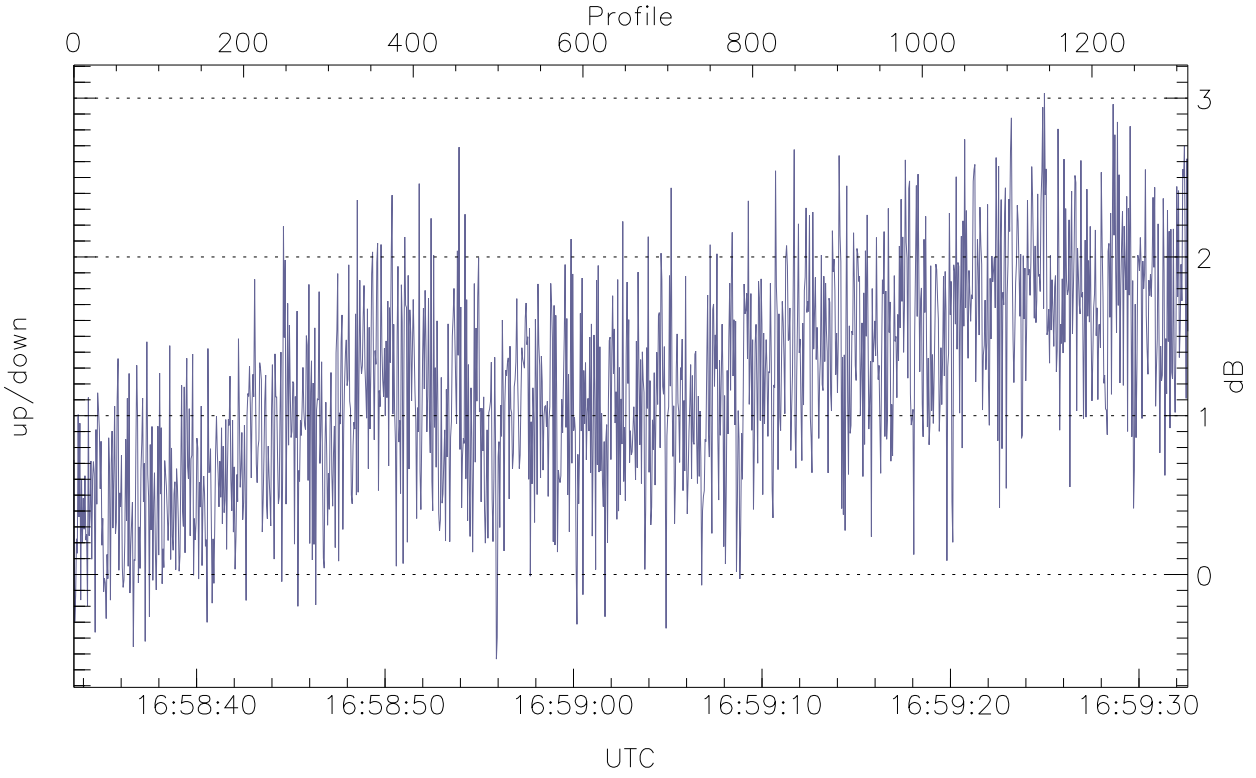


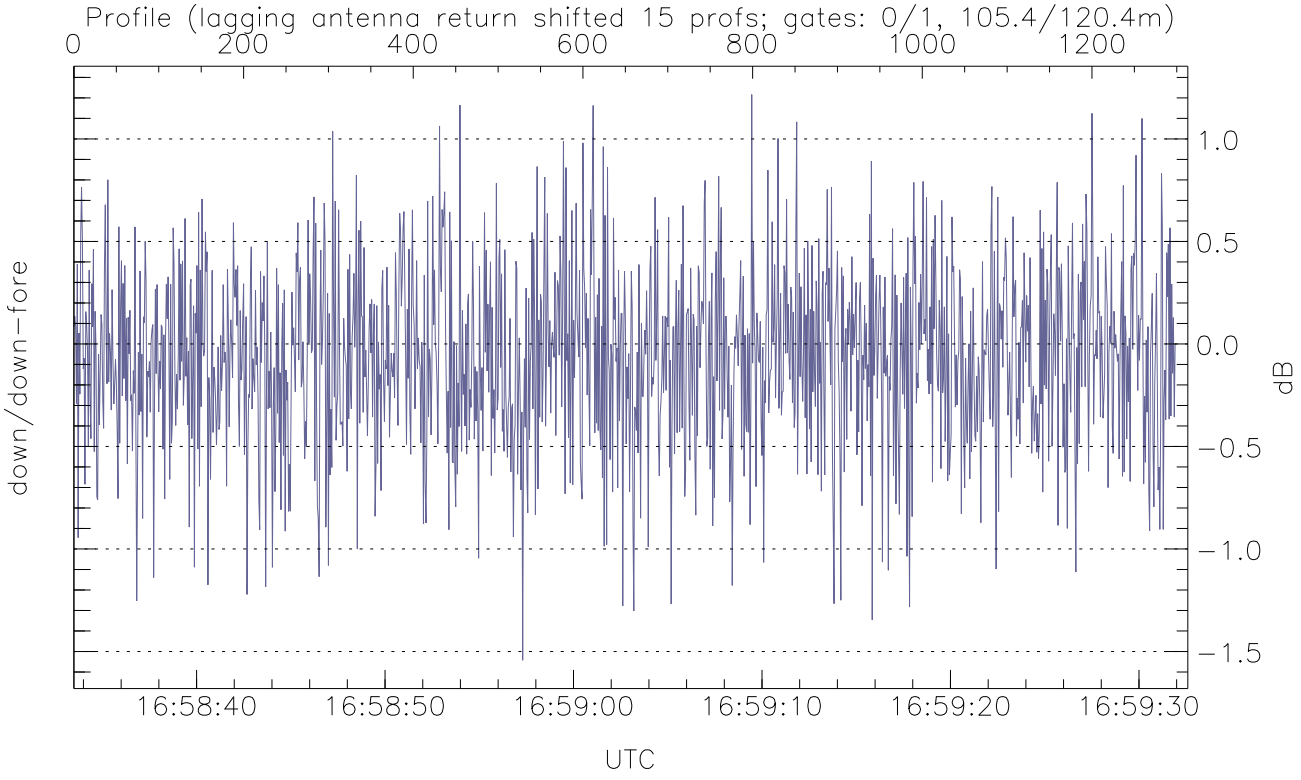
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

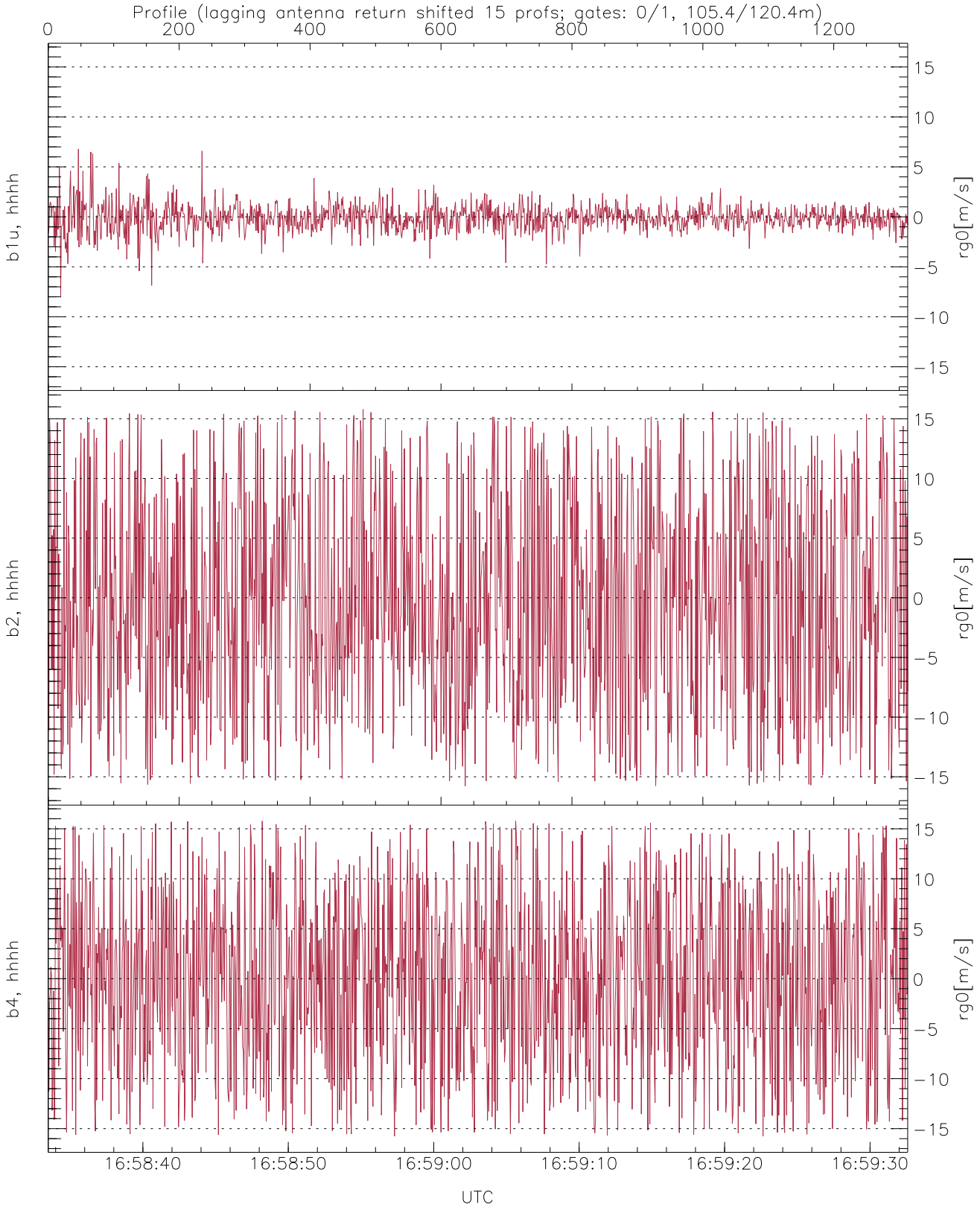
	Min	Max	Mean
up(hh[dBm])	-64.61	-61.40	-63.06
down(hh[dBm])	-65.26	-63.40	-64.28
down-fore(hh[dBm])	-65.47	-63.28	-64.27





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

	Min	Max	Mean
up/down(dB)	-0.53	3.03	1.19
down/down-fore(dB)	-1.54	1.22	-0.06



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-7.94	6.79	-0.11	1.34
b2, hhhh(rg0[m/s])	-15.77	15.79	-0.23	8.66
b4, hhhh(rg0[m/s])	-15.77	15.78	-0.02	8.40