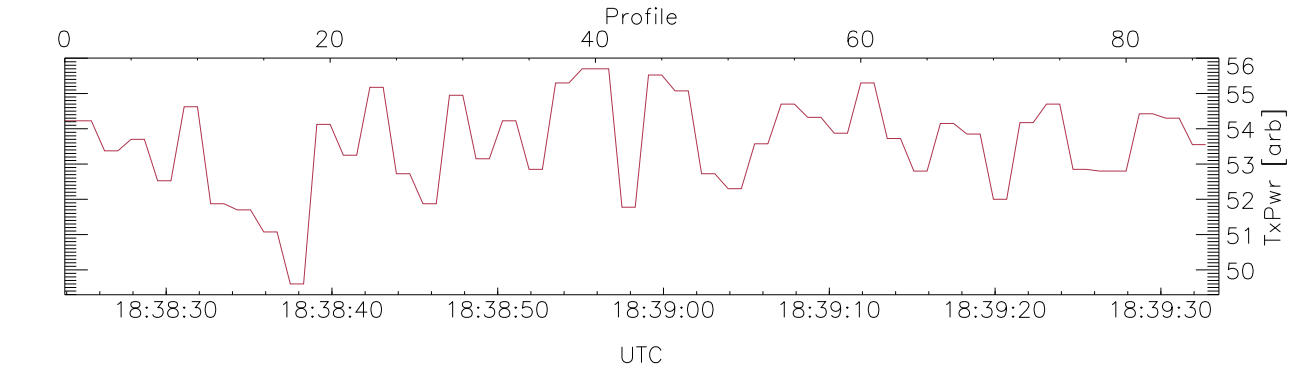
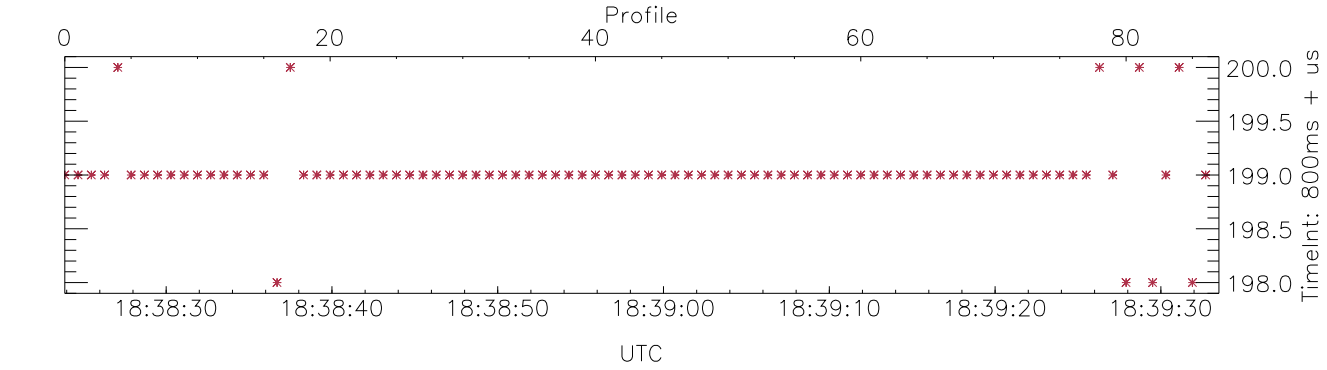
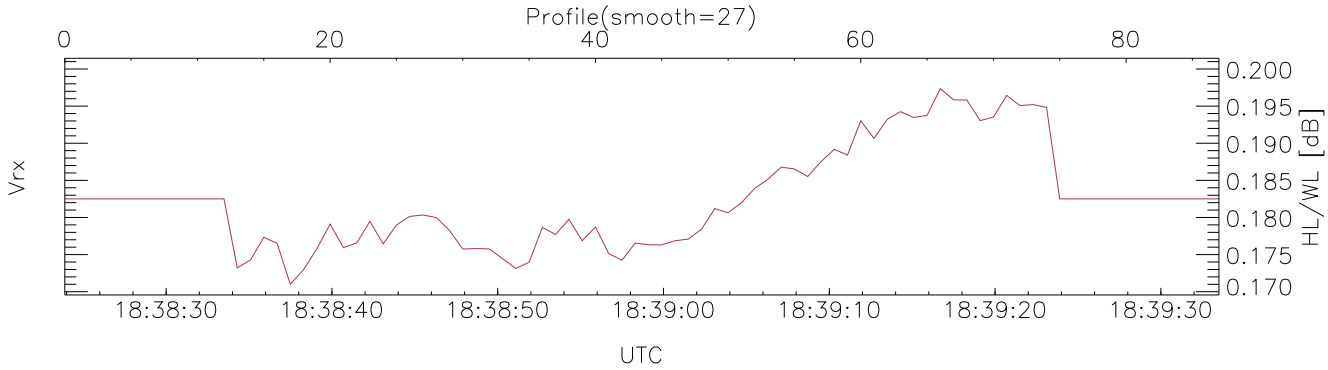
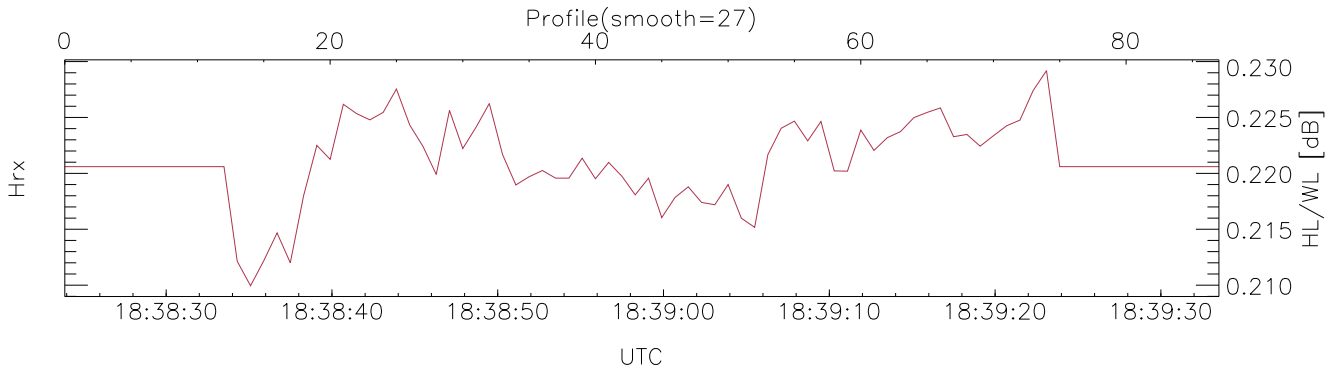


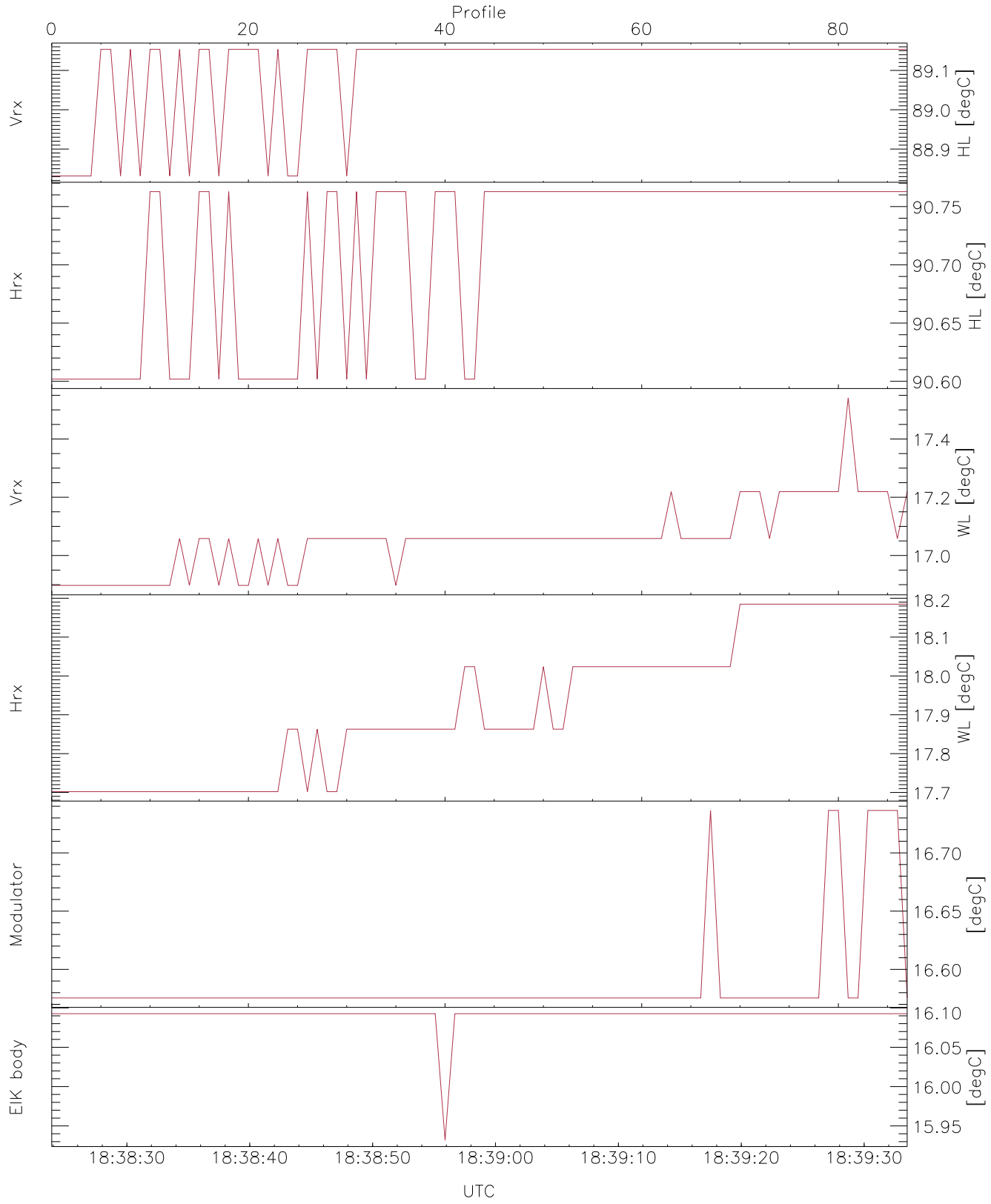






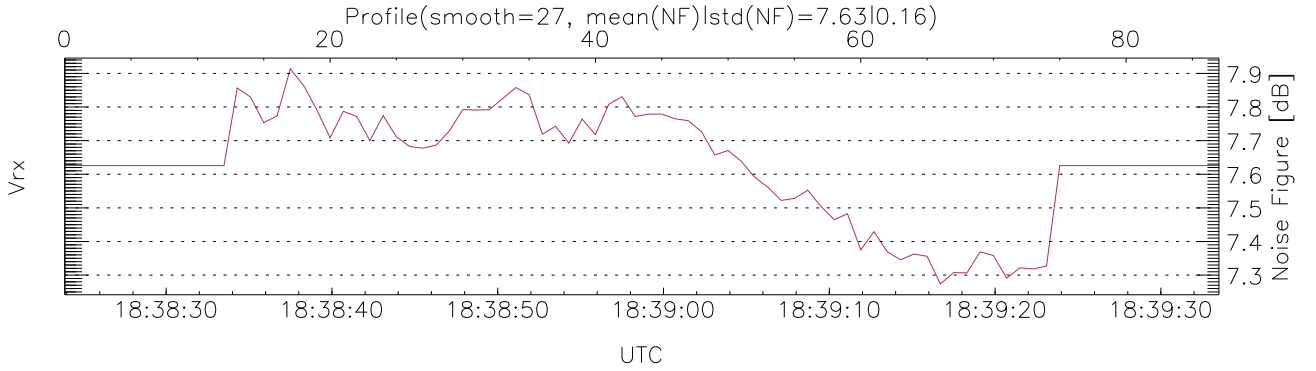
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

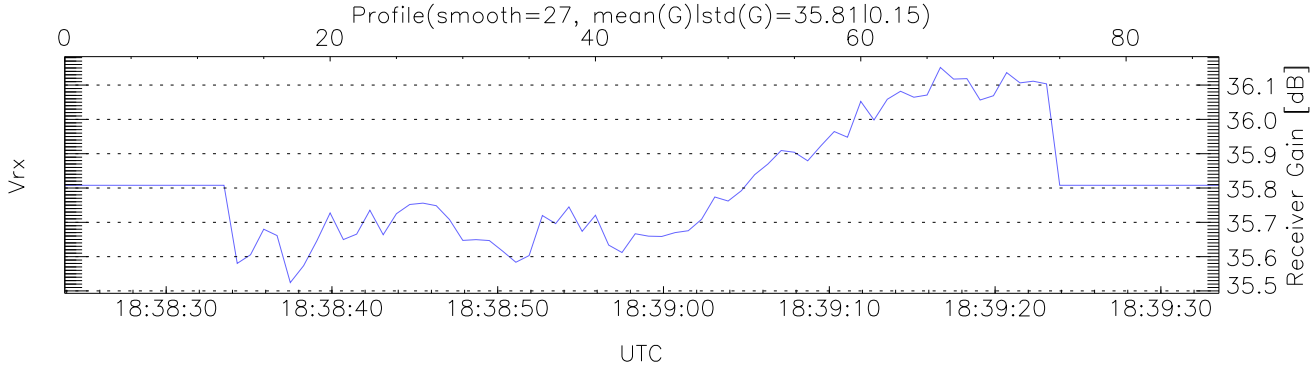
UTC: 18:38:24-18:39:34, TimeCor: 0.00s, Dur: 69.62s
TimeFlg: 2, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 800.2,800.2,800.2,0.0 ms / 1.2,1.2,1.2
NumRec(r/t): 88/88, 0-87/18:38:24-18:39:34
AcqTime: 800.0ms, Rate: 0.028MB/s, Averages (req.,actual): 4000,4000
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 V1 V1
PRF: 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105, 6348, 15.0 m, Gates: 417, Aspect: 0.2
Mirror(-9|0|1|2,3,9x = no mirror|sideluperror): 1

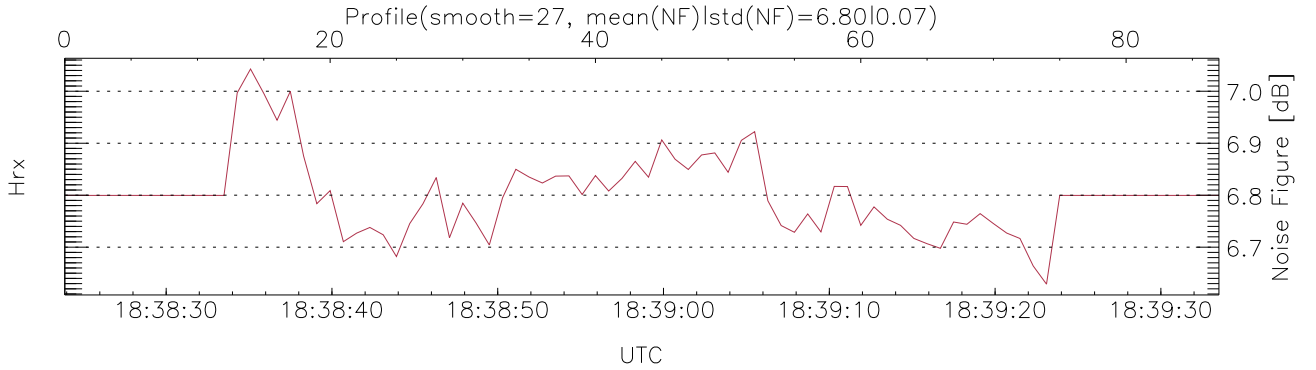


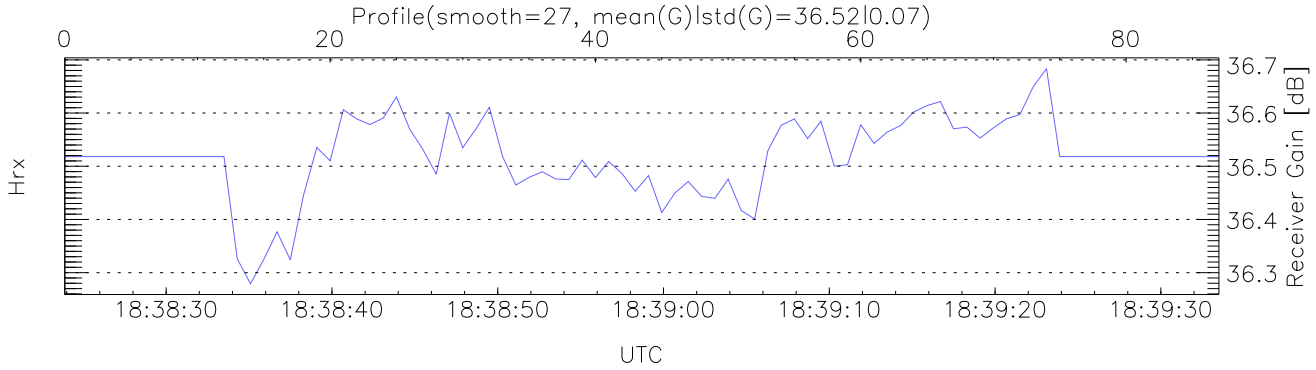
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 88,90,16,17,16,15
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,90,17,18,16,16
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (3,3,3,3,3,3,3,2)



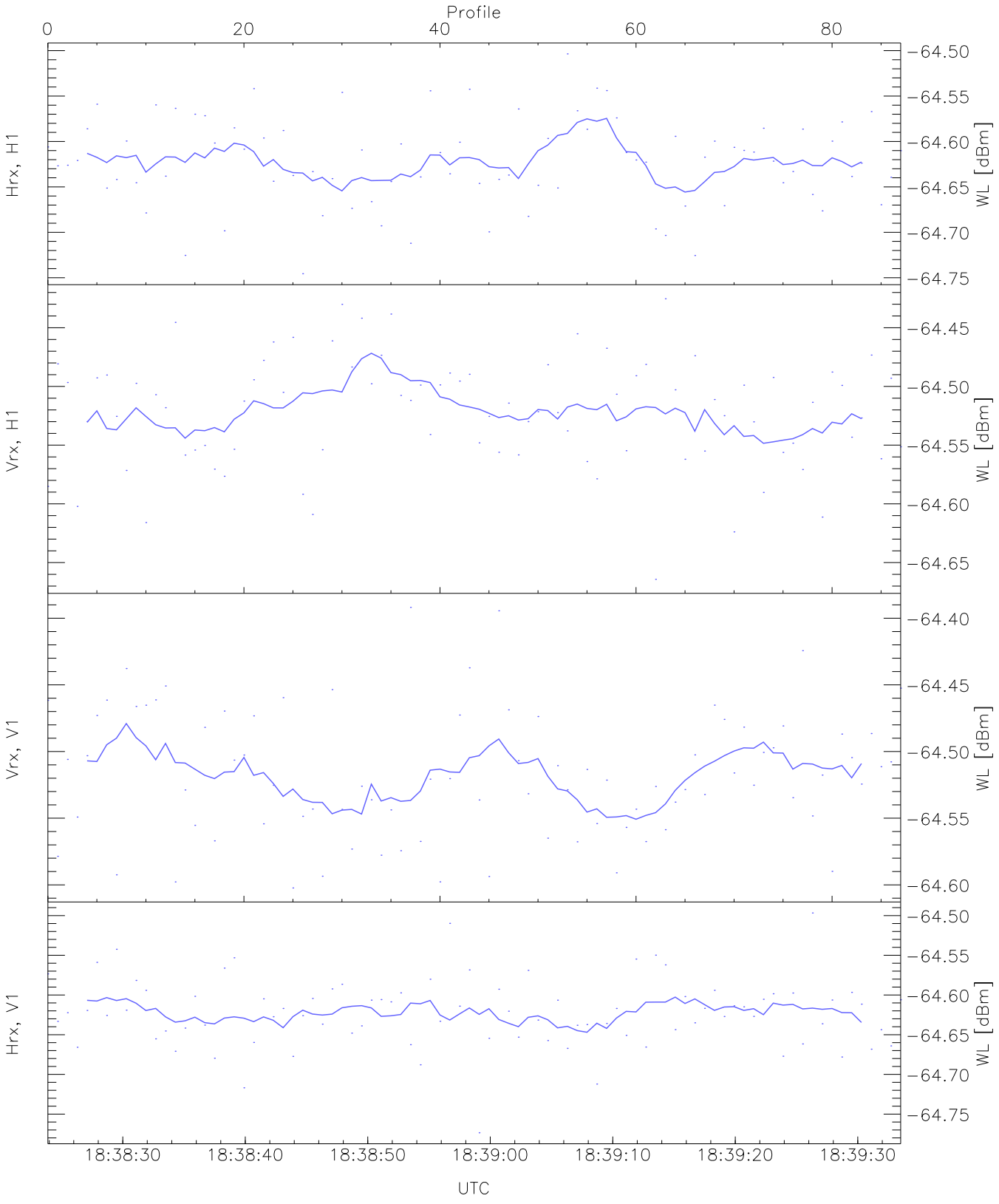






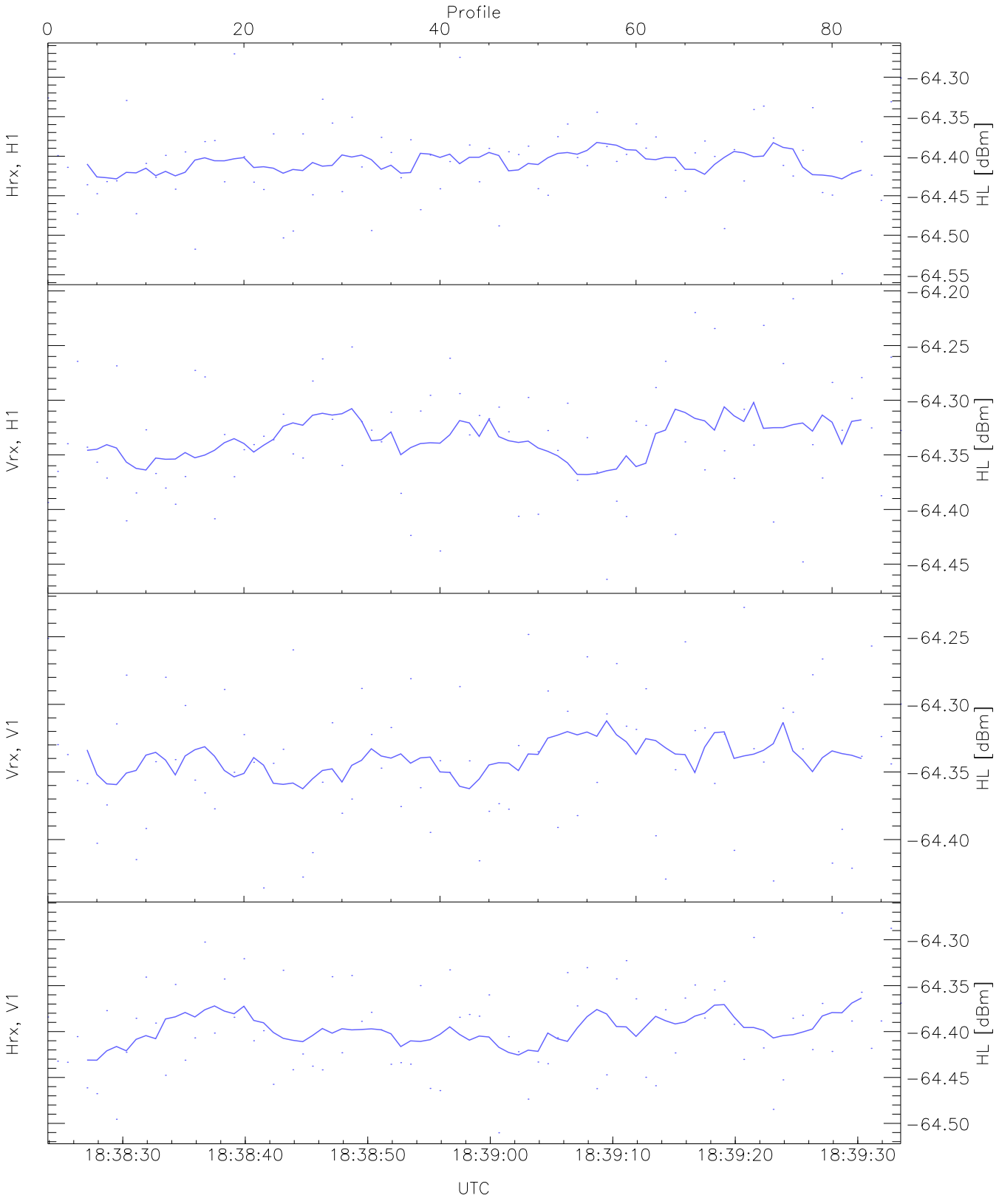
WCR3 CPP Receivers Gain and Noise Figure

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



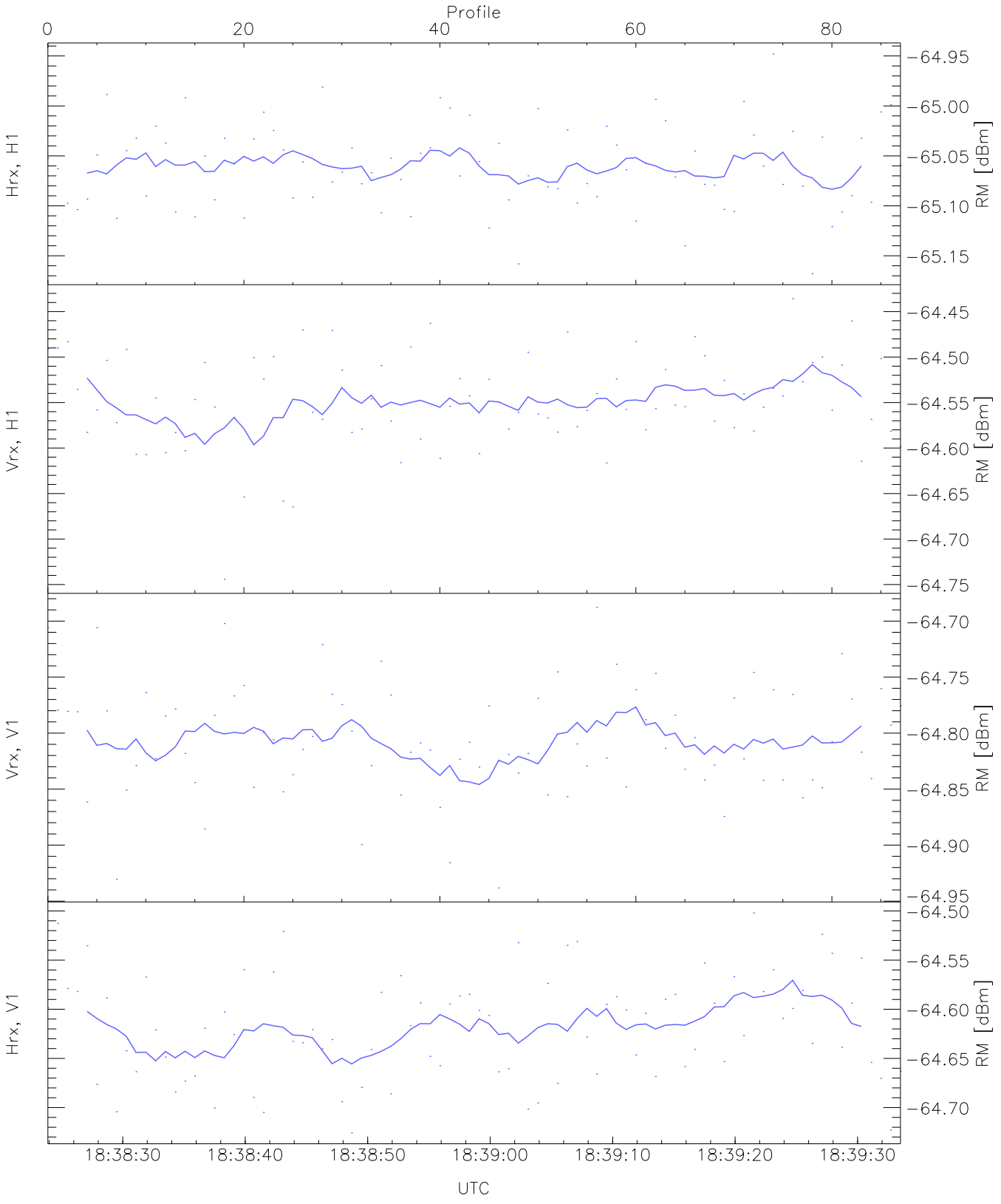
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-64.75	-64.50	-64.62	-64.62	-84.18
Vrx, H1(WL [dBm])	-64.66	-64.43	-64.52	-64.51	-84.19
Vrx, V1(WL [dBm])	-64.60	-64.39	-64.52	-64.52	-84.13
Hrx, V1(WL [dBm])	-64.77	-64.50	-64.62	-64.62	-84.63



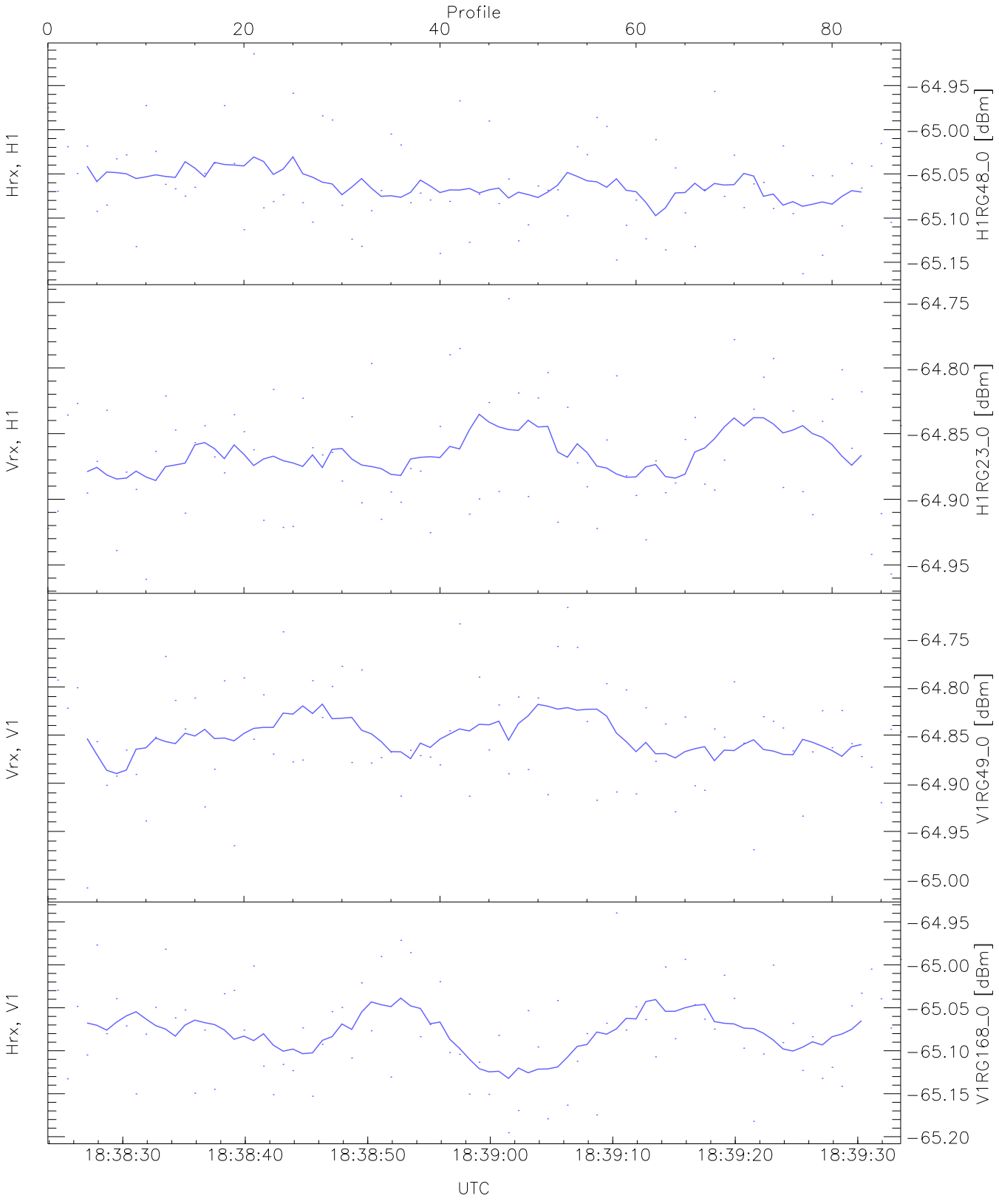
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-64.55	-64.27	-64.41	-64.40	-83.76
Vrx, H1(HL [dBm])	-64.46	-64.21	-64.33	-64.33	-83.50
Vrx, V1(HL [dBm])	-64.44	-64.23	-64.34	-64.34	-83.86
Hrx, V1(HL [dBm])	-64.51	-64.27	-64.40	-64.39	-83.86



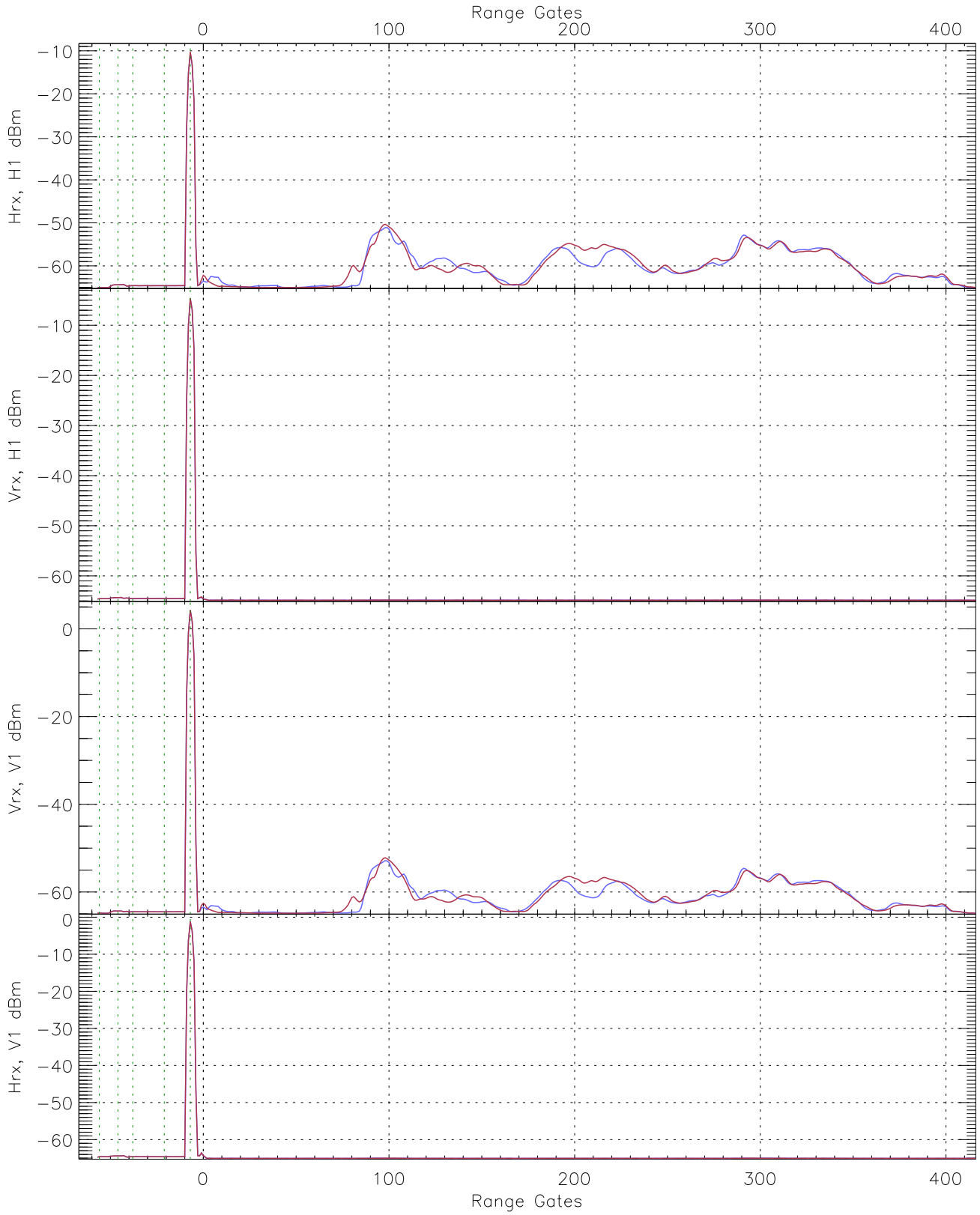
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-65.17	-64.95	-65.06	-65.06	-85.21
Vrx, H1(RM [dBm])	-64.74	-64.44	-64.55	-64.55	-83.85
Vrx, V1(RM [dBm])	-64.94	-64.69	-64.81	-64.81	-84.26
Hrx, V1(RM [dBm])	-64.73	-64.50	-64.62	-64.62	-83.78

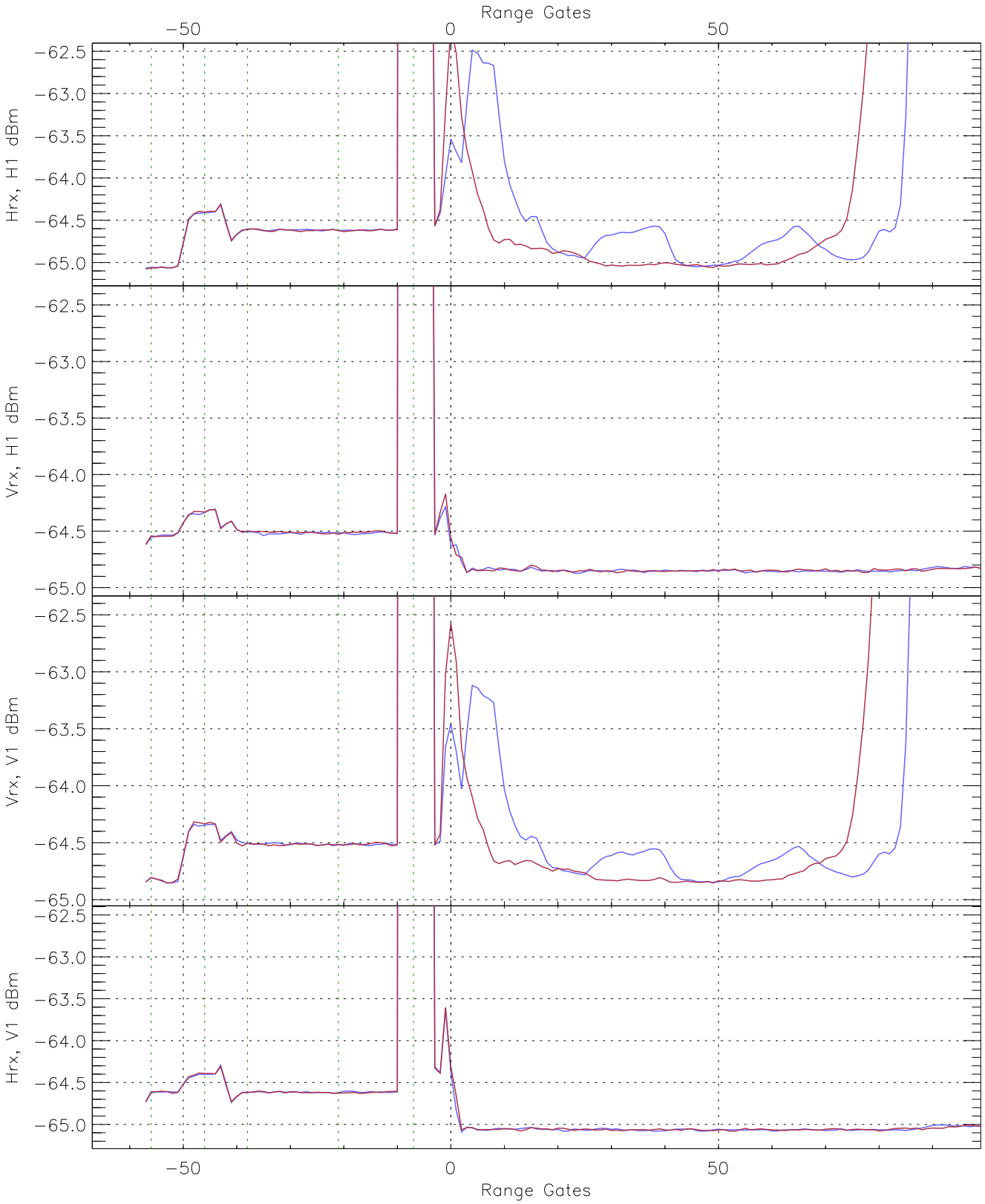


WCR3 CPP "Best" estimate Receivers Noise Power

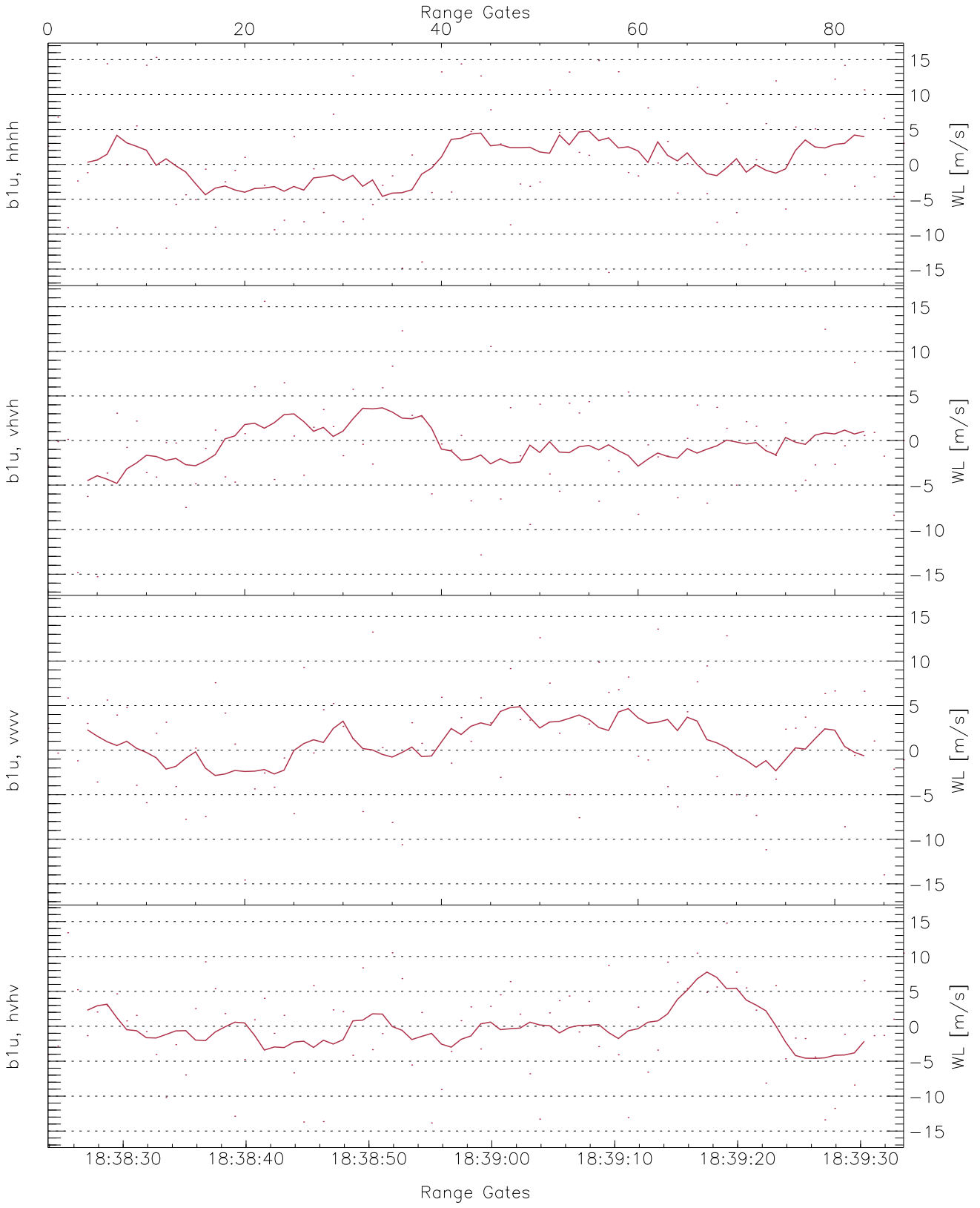
	Min	Max	Mean	Median	StDev
H1RG48_0 [dBm]	-65.16	-64.91	-65.06	-65.07	-84.44
H1RG23_0 [dBm]	-64.96	-64.75	-64.87	-64.87	-84.81
V1RG49_0 [dBm]	-65.01	-64.72	-64.85	-64.85	-83.83
V1RG168_0 [dBm]	-65.20	-64.94	-65.08	-65.08	-84.06



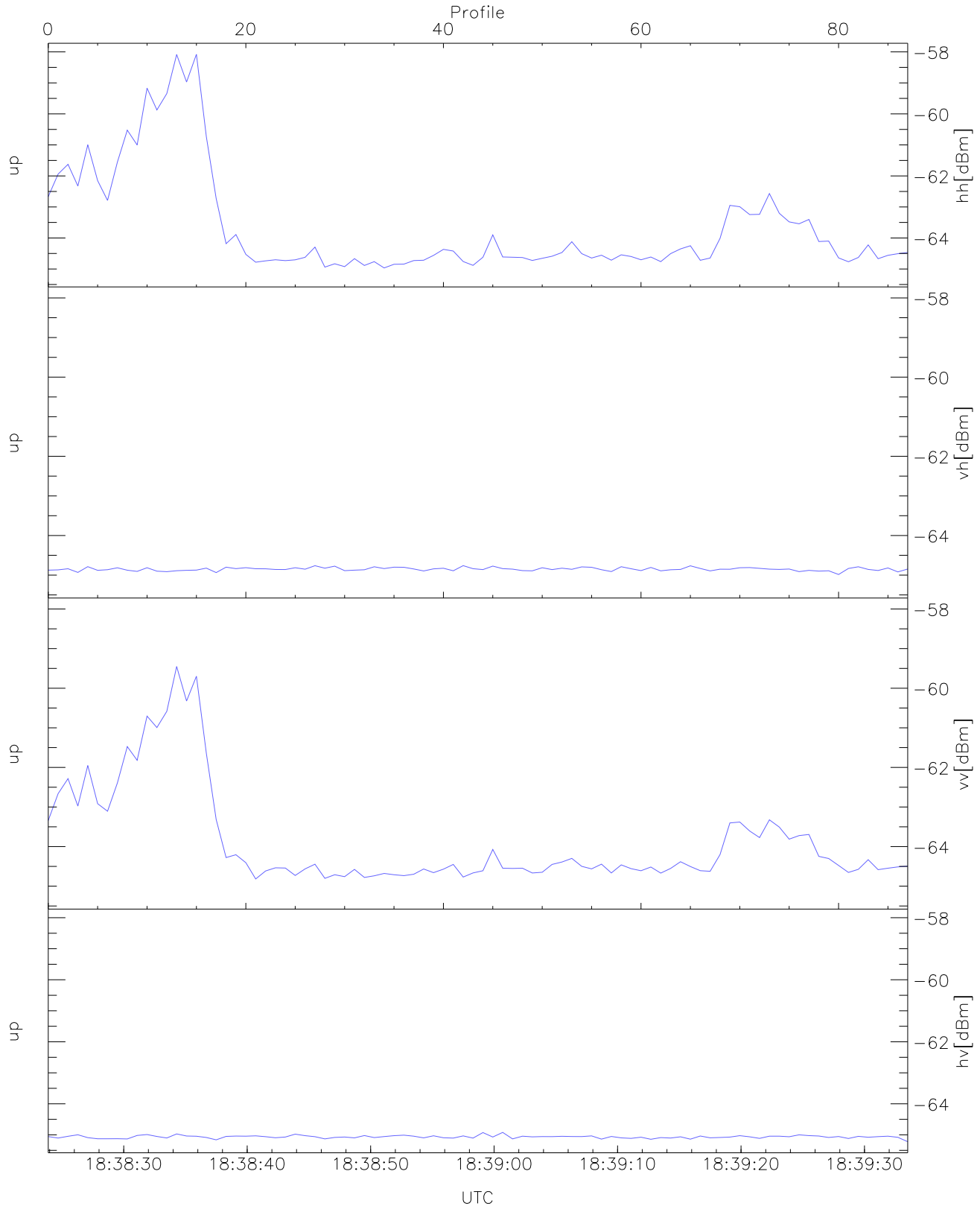
WCR3 CPP Averaged Received power for all recorded gates
blue: 183824-183859, 45 profiles averaged
red: 183859-183934, 44 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 183824-183859, 45 profiles averaged
red: 183859-183934, 44 profiles averaged

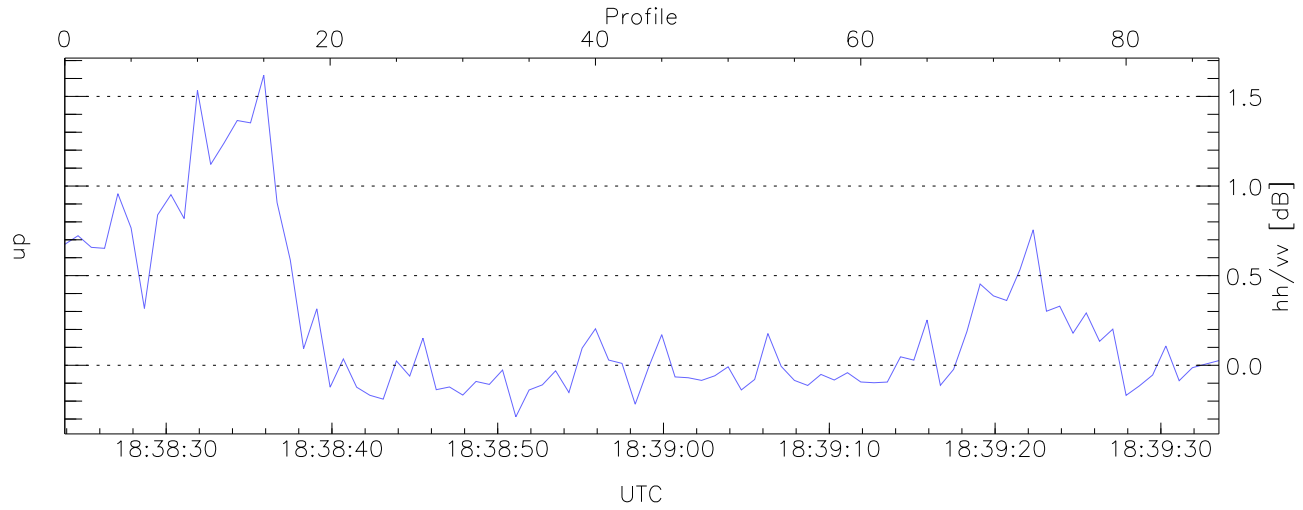


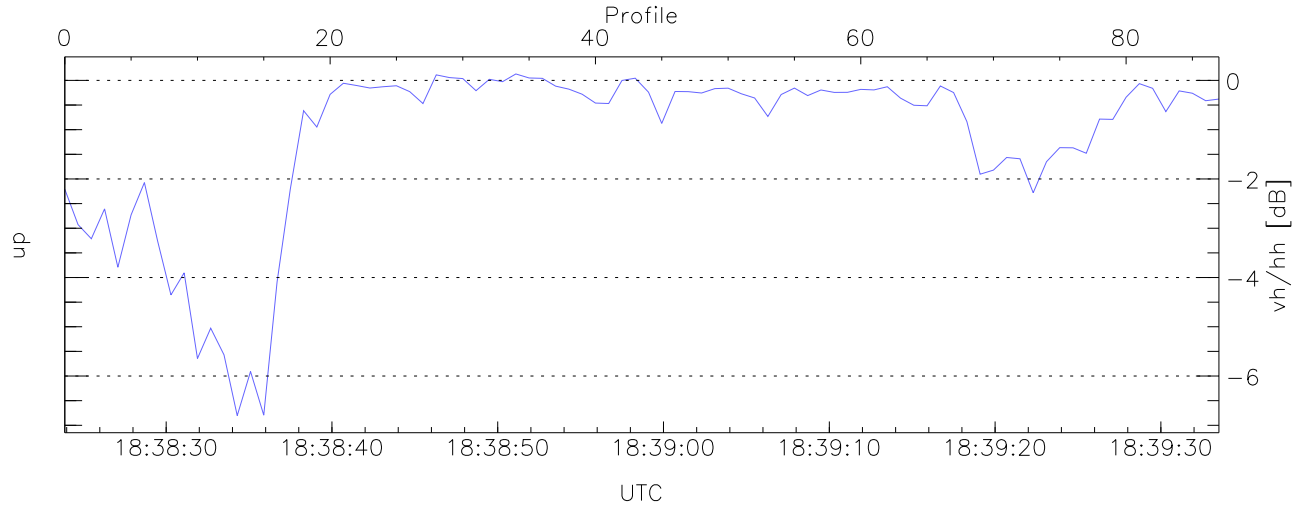
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements

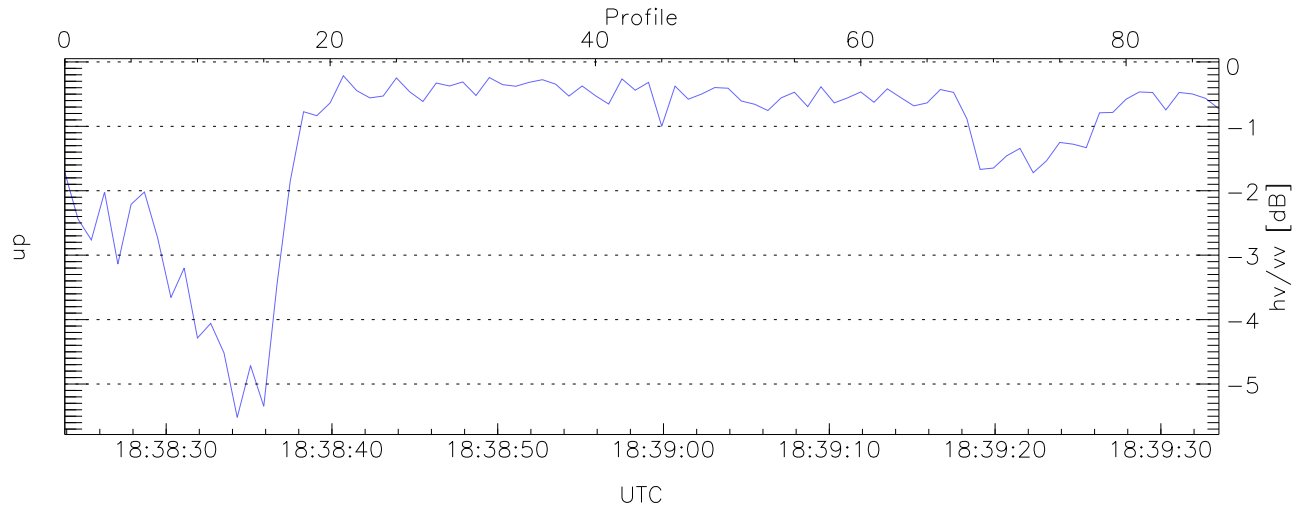


WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-64.97	-58.08	-63.26
up(vh[dBm])	-64.98	-64.76	-64.85
up(vv[dBm])	-64.82	-59.45	-63.66
up(hv[dBm])	-65.22	-64.92	-65.07

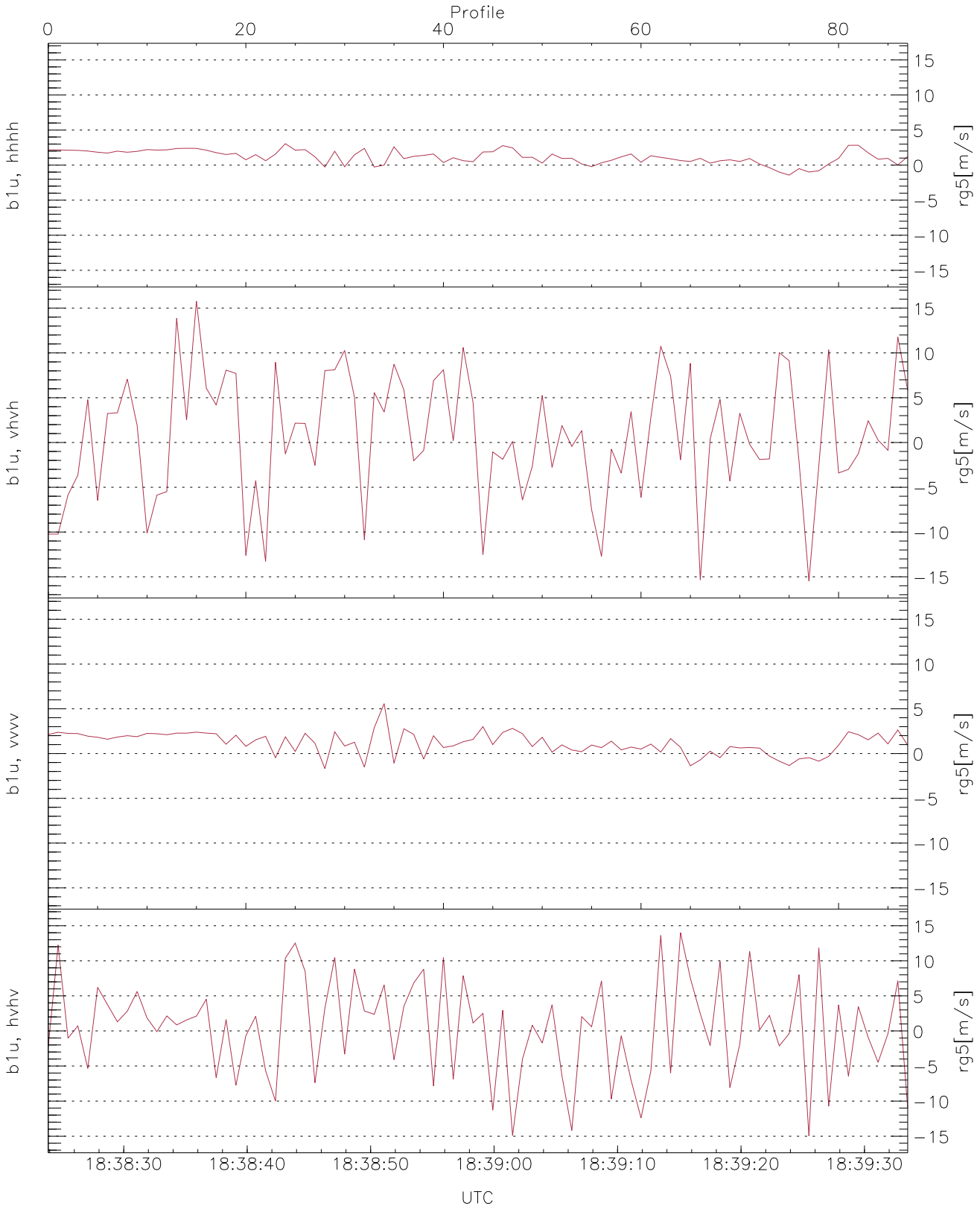






WCR3 Co- and Cross-pol Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up(hh/vv [dB])	-0.29	1.62	0.24
up(vh/hh [dB])	-6.80	0.13	-0.93
up(hv/vv [dB])	-5.52	-0.21	-1.04



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.42	3.05	1.17	0.98
b1u, vhvh(rg5[m/s])	-15.49	15.77	0.67	6.92
b1u, vvvv(rg5[m/s])	-1.68	5.57	1.18	1.24
b1u, hvhv(rg5[m/s])	-14.97	14.02	0.48	6.95