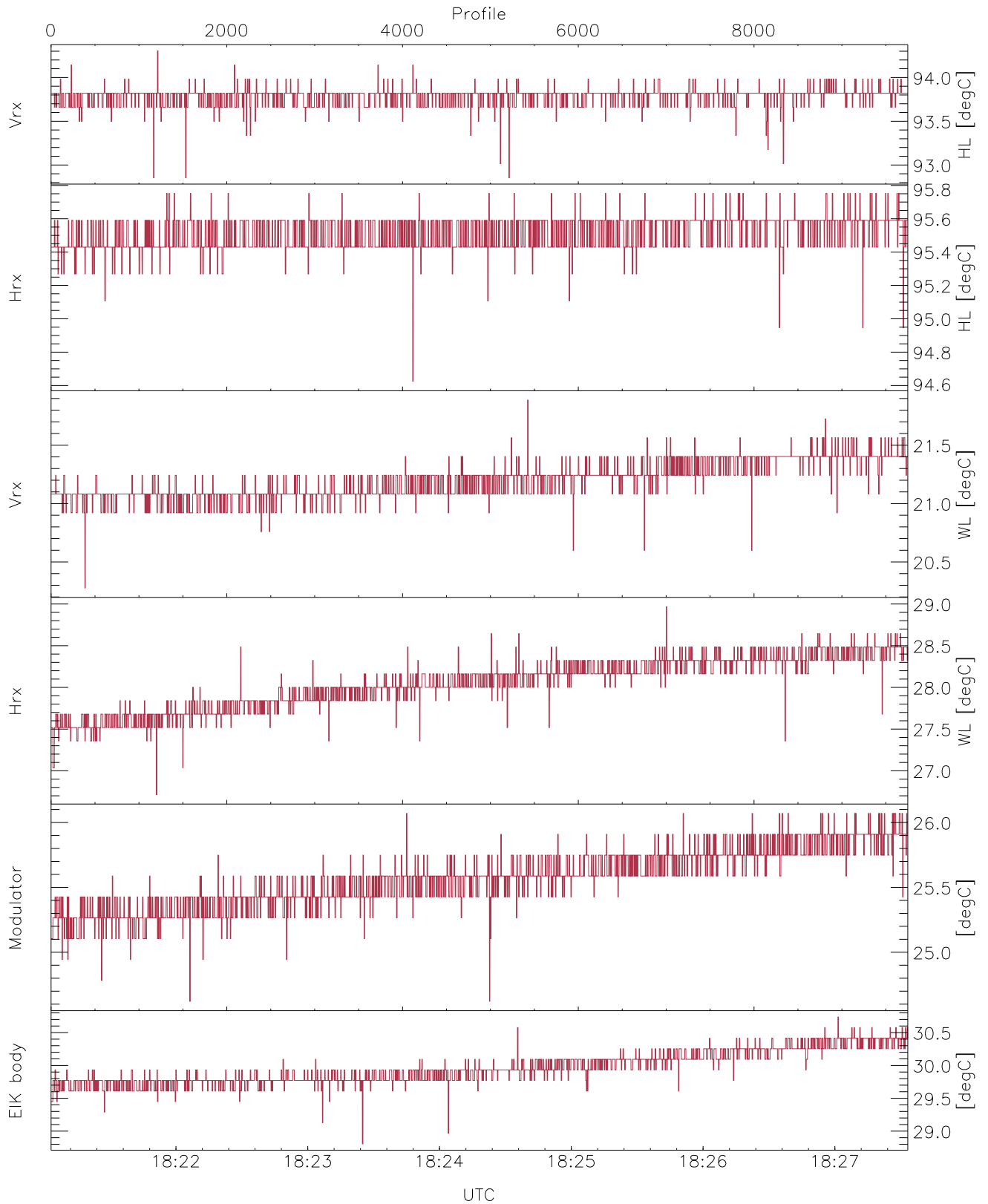


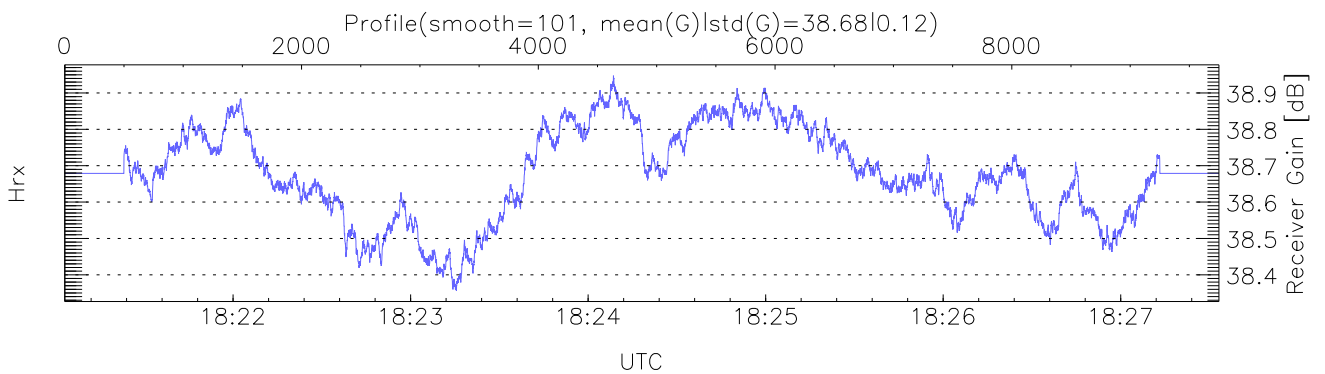
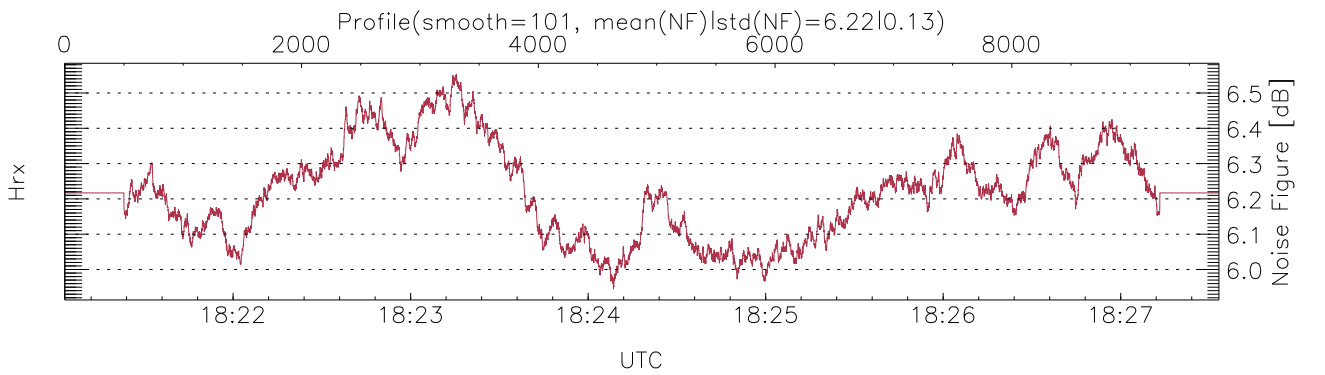
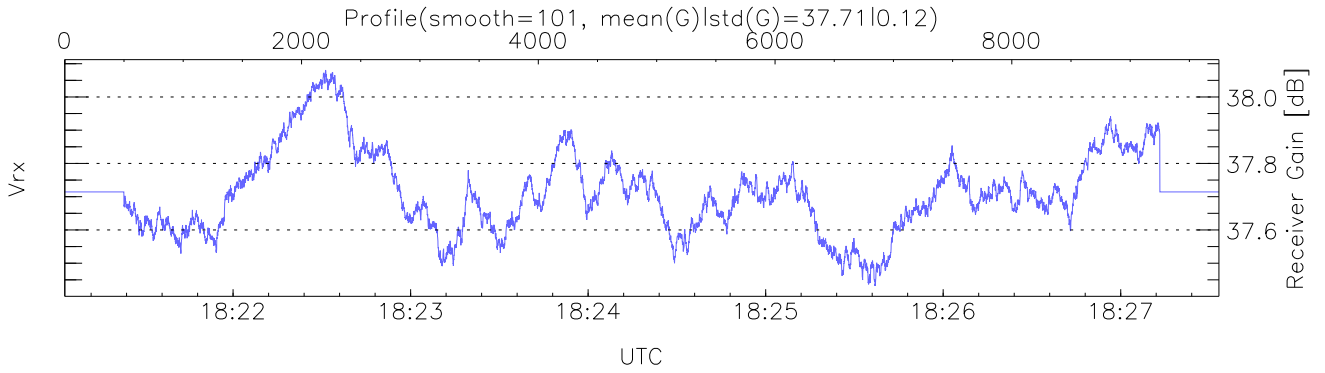
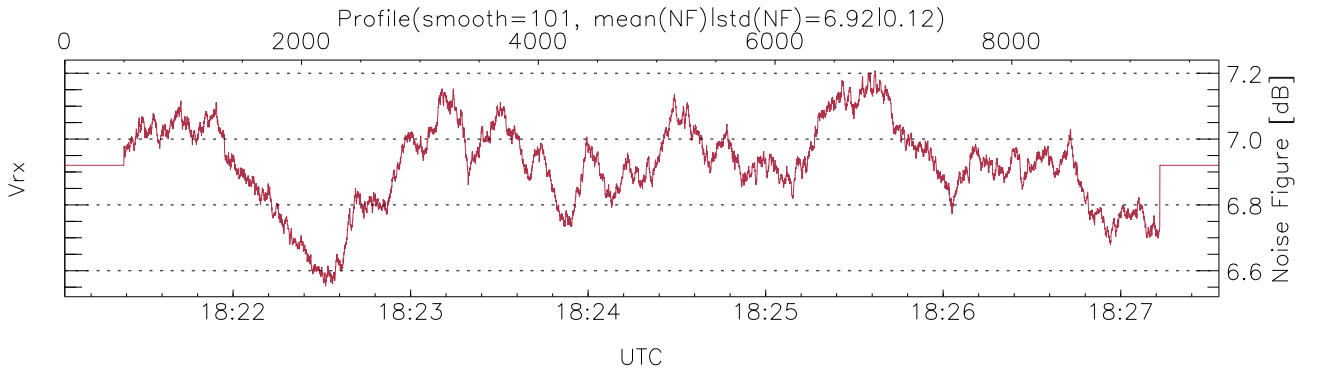
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:21:03-18:27:33, Dur: 390.10s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 40.0,40.0,40.0,0.0 ms / 25,25,25
 NumRec(r/t): 9751/9751, 0-9750/18:21:03-18:27:33
 AcqTime: 40.0ms, Rate: 137KB/s, Averages: 200
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 V1 V1
 PRF: 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105,931,15.0 m, Gates: 56, Aspect: 4.2
 Mirror(-9|0|1|2,3,9x = no mirror|side|up|error): 1



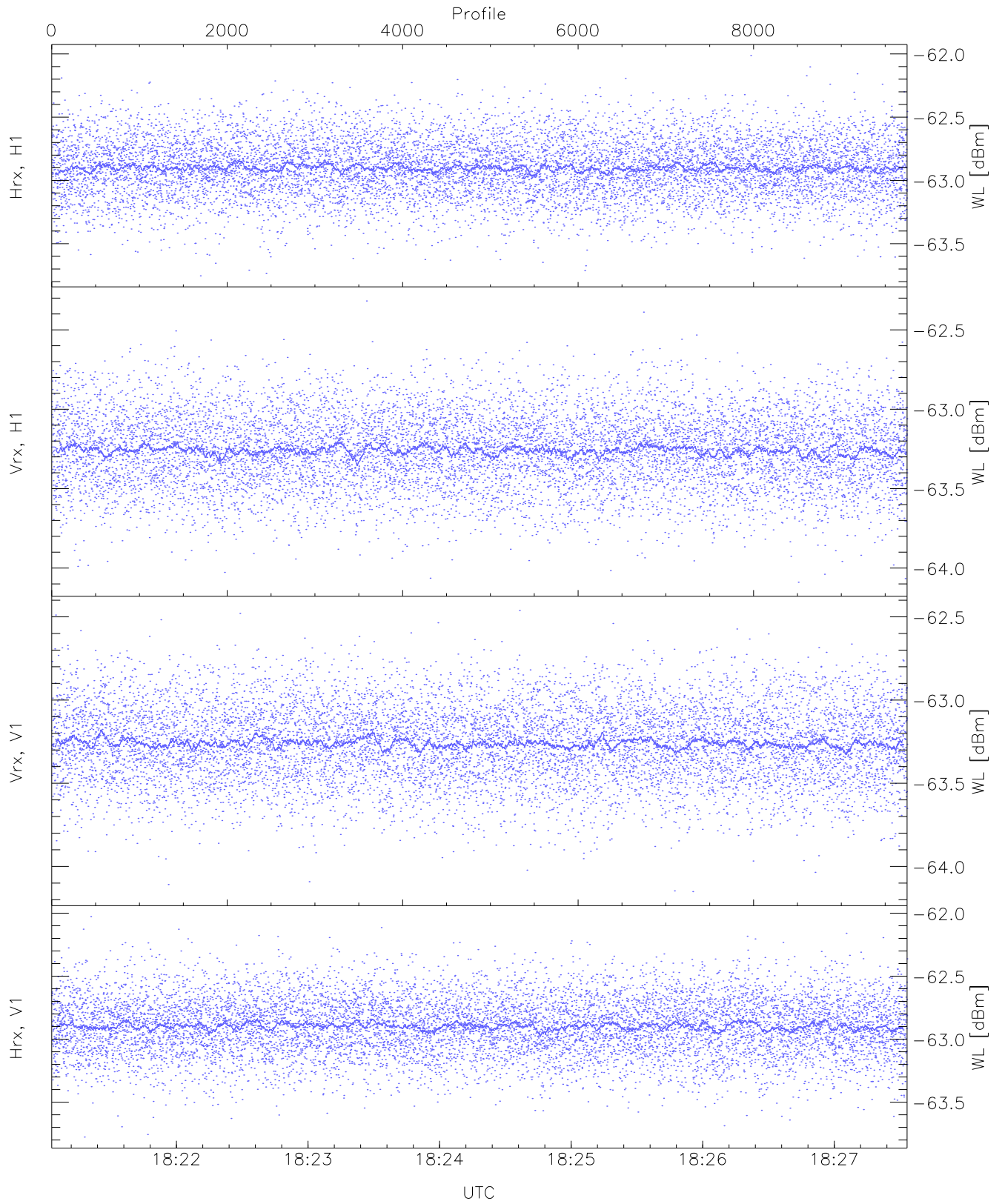
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,20,26,24,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,21,28,26,30
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (7,7,7,7,6)



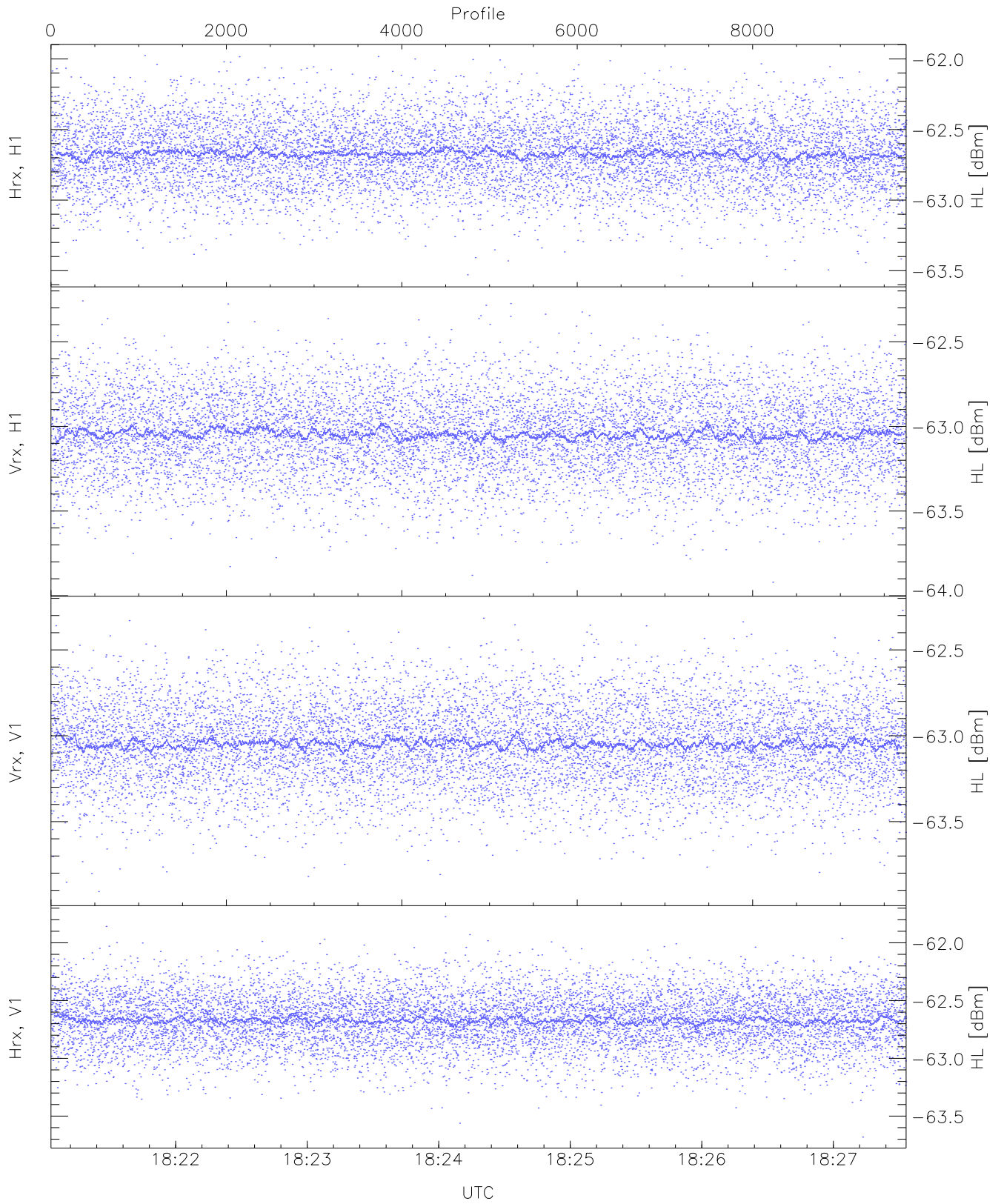
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prods



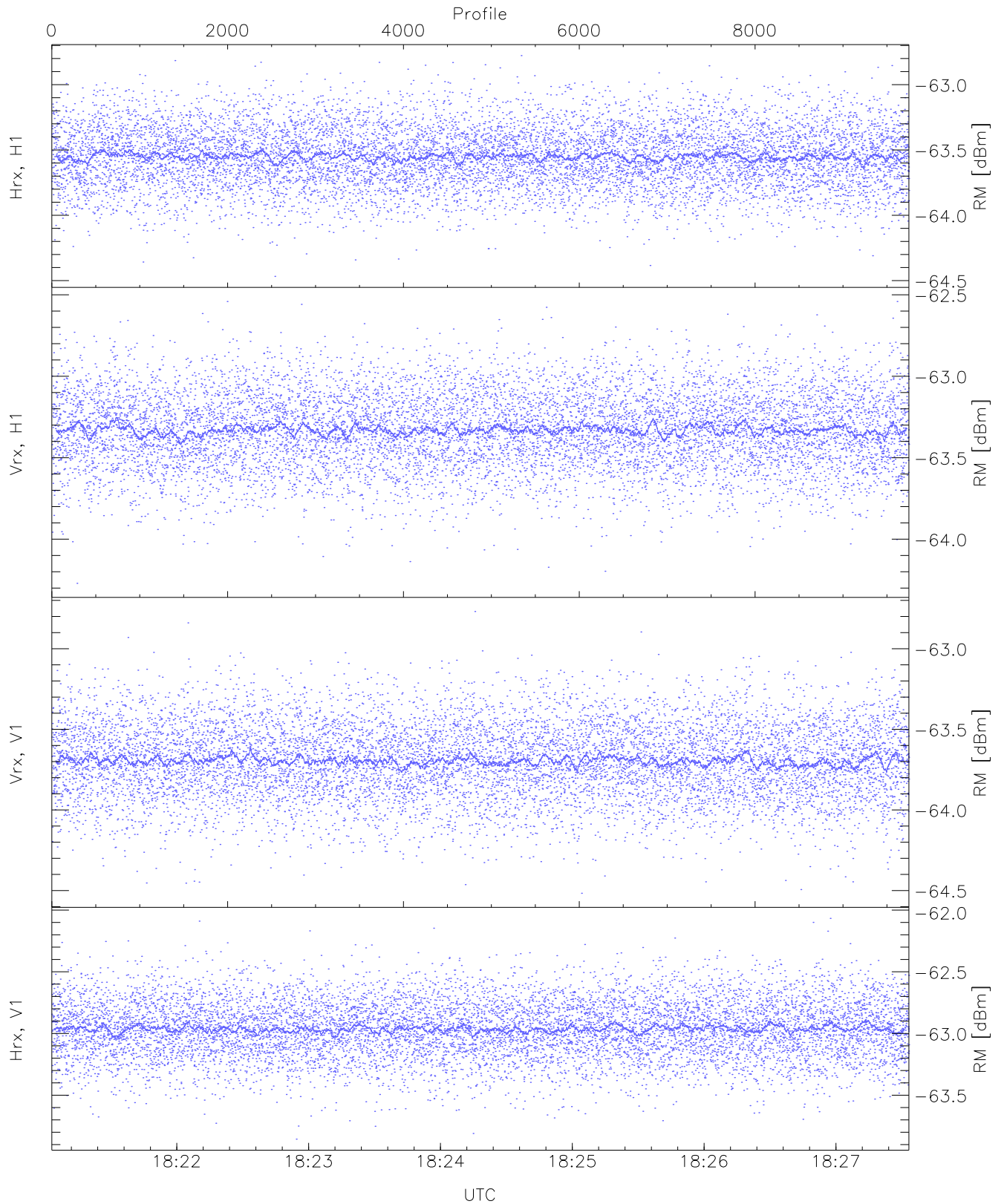
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.75	-62.01	-62.90	-62.90	-75.83
Vrx, H1(WL [dBm])	-64.09	-62.32	-63.26	-63.26	-76.15
Vrx, V1(WL [dBm])	-64.15	-62.46	-63.26	-63.26	-76.19
Hrx, V1(WL [dBm])	-63.78	-62.03	-62.89	-62.90	-75.80



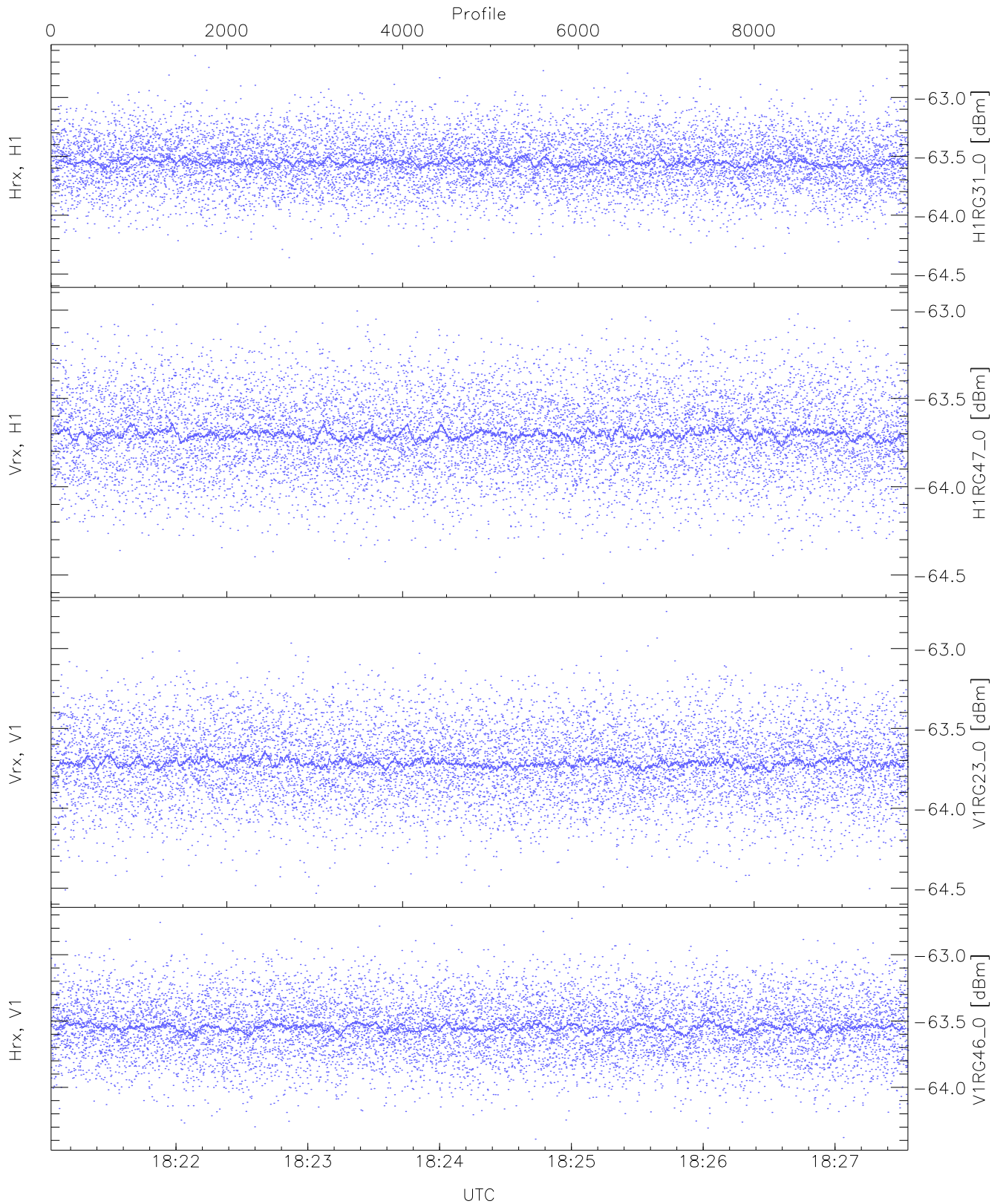
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-63.54	-61.98	-62.67	-62.67	-75.63
Vrx, H1(HL [dBm])	-63.92	-62.26	-63.04	-63.05	-75.97
Vrx, V1(HL [dBm])	-63.91	-62.27	-63.04	-63.05	-75.96
Hrx, V1(HL [dBm])	-63.68	-61.77	-62.67	-62.67	-75.60



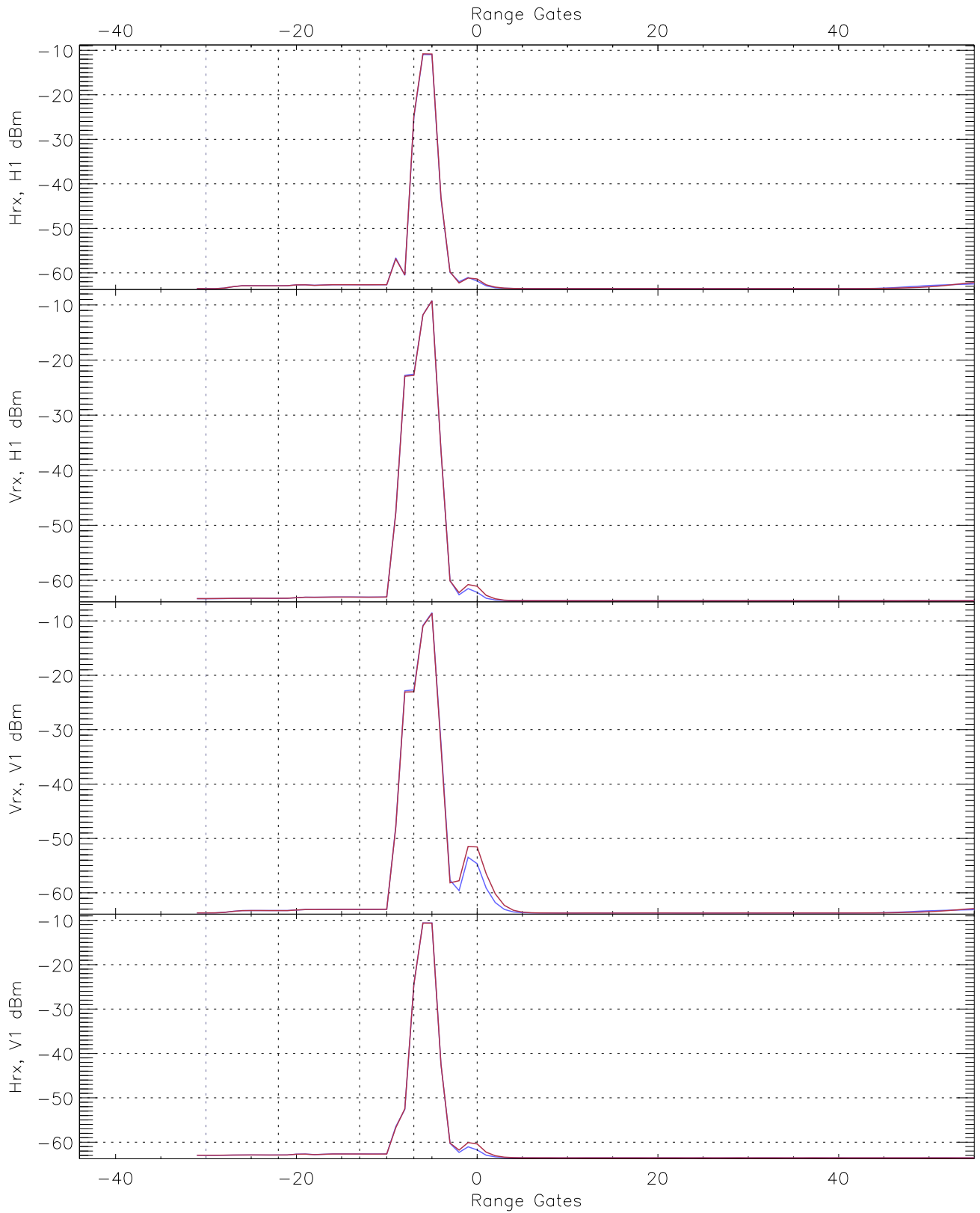
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.47	-62.78	-63.55	-63.55	-76.43
Vrx, H1(RM [dBm])	-64.27	-62.54	-63.33	-63.33	-76.25
Vrx, V1(RM [dBm])	-64.52	-62.77	-63.69	-63.70	-76.60
Hrx, V1(RM [dBm])	-63.86	-62.07	-62.96	-62.96	-75.84

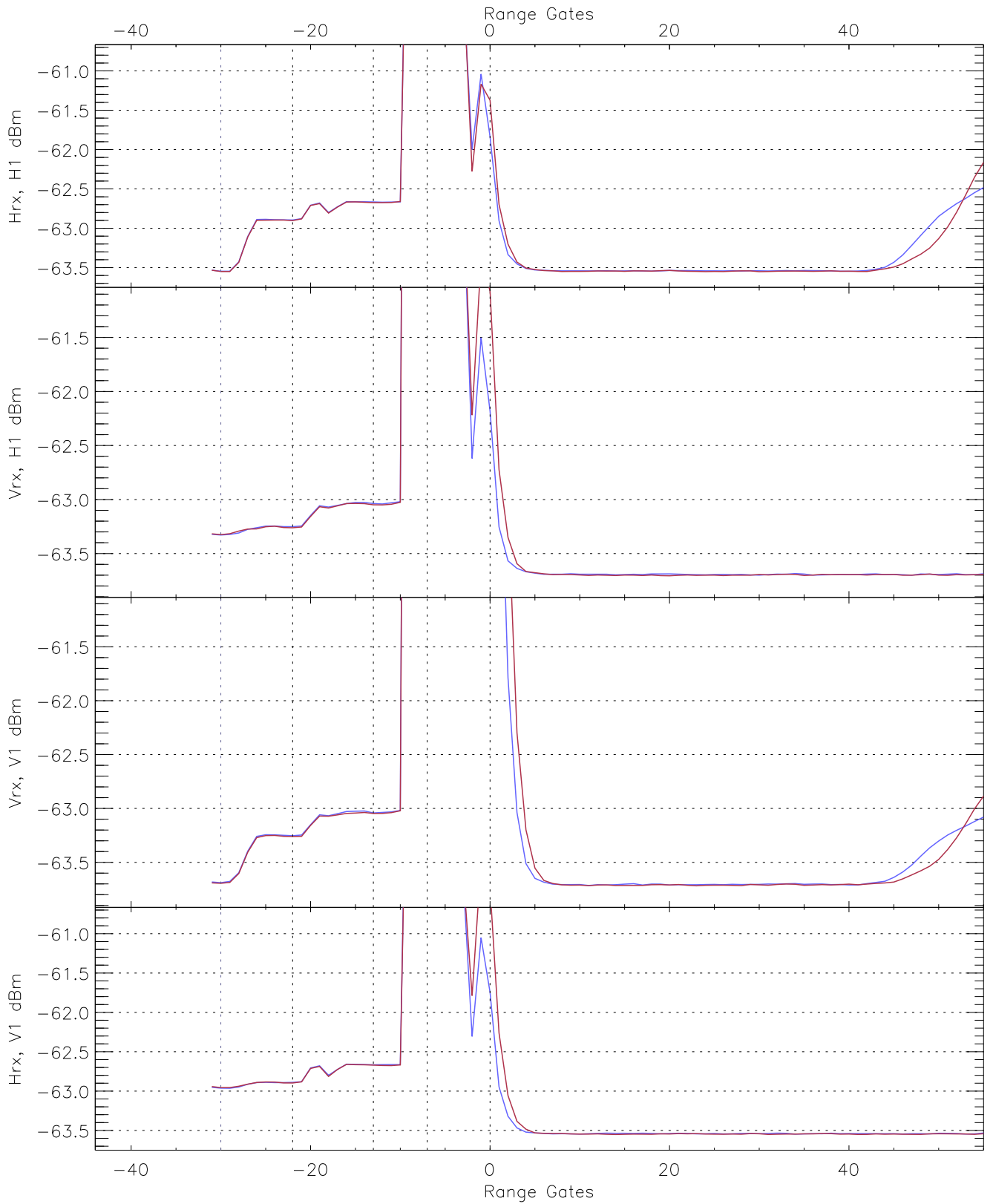


WCR2 CPP "Best" estimate Receivers Noise Power

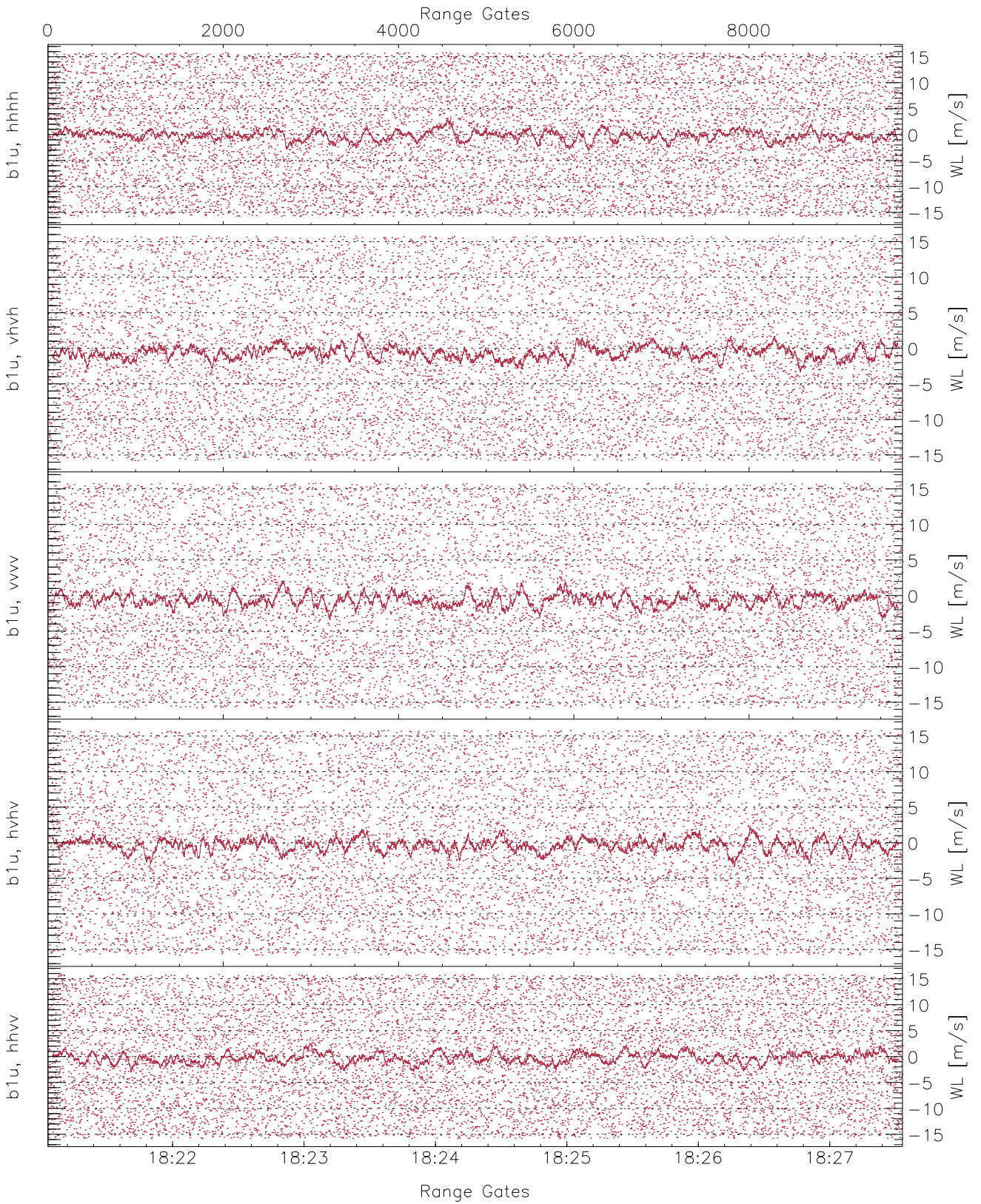
	Min	Max	Mean	Median	StDev
H1RG31_0 [dBm]	-64.52	-62.64	-63.55	-63.55	-76.51
H1RG47_0 [dBm]	-64.55	-62.95	-63.70	-63.70	-76.63
V1RG23_0 [dBm]	-64.53	-62.77	-63.71	-63.72	-76.58
V1RG46_0 [dBm]	-64.39	-62.73	-63.55	-63.55	-76.51



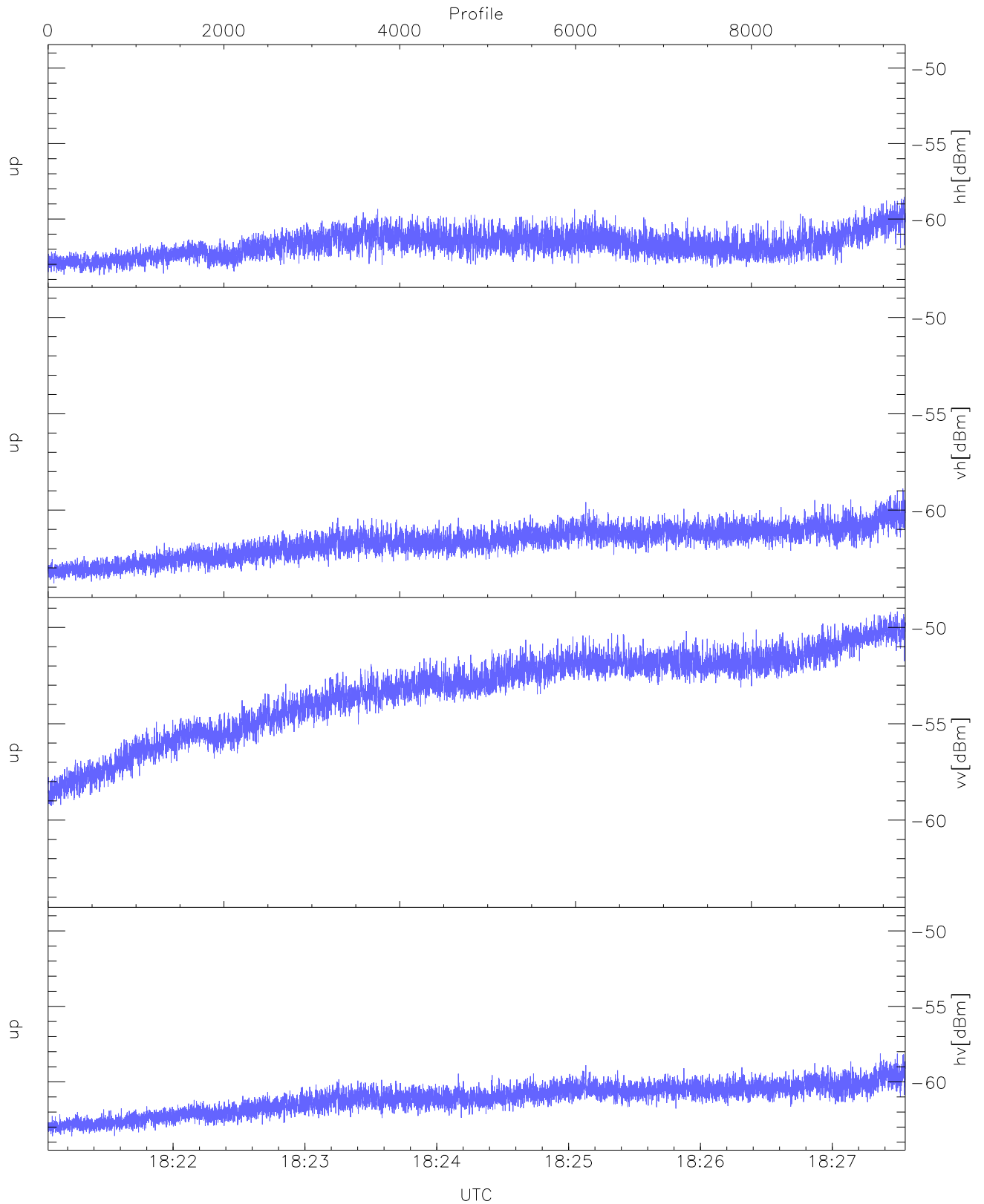
WCR2 CPP Averaged Received power for all recorded gates
blue: 182103-182418, 4876 profiles averaged
red: 182418-182733, 4876 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 182103-182418, 4876 profiles averaged
red: 182418-182733, 4876 profiles averaged

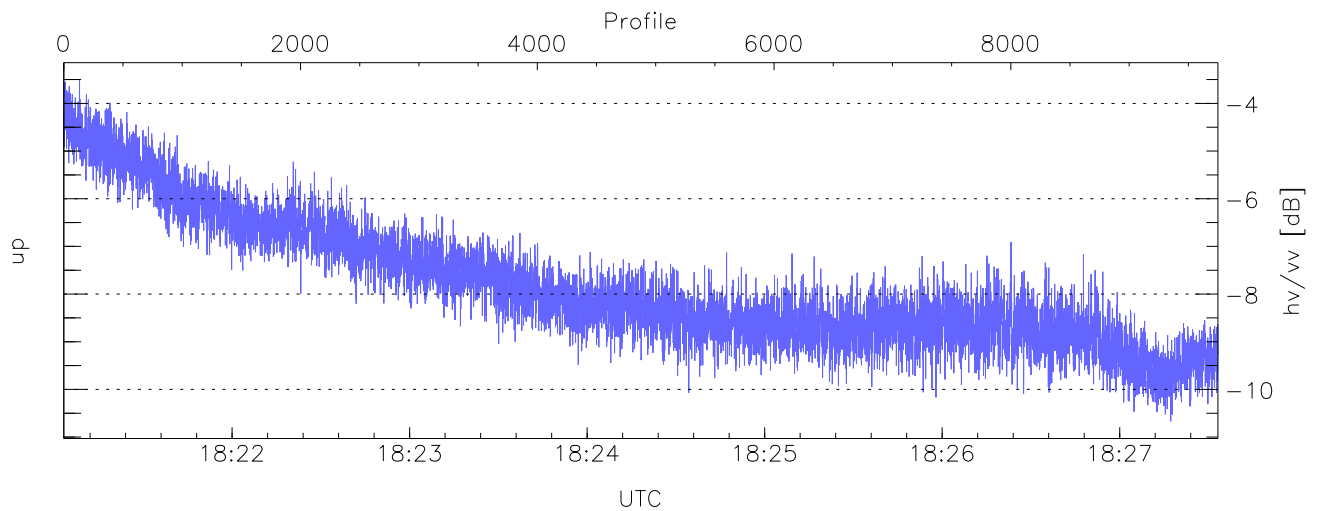
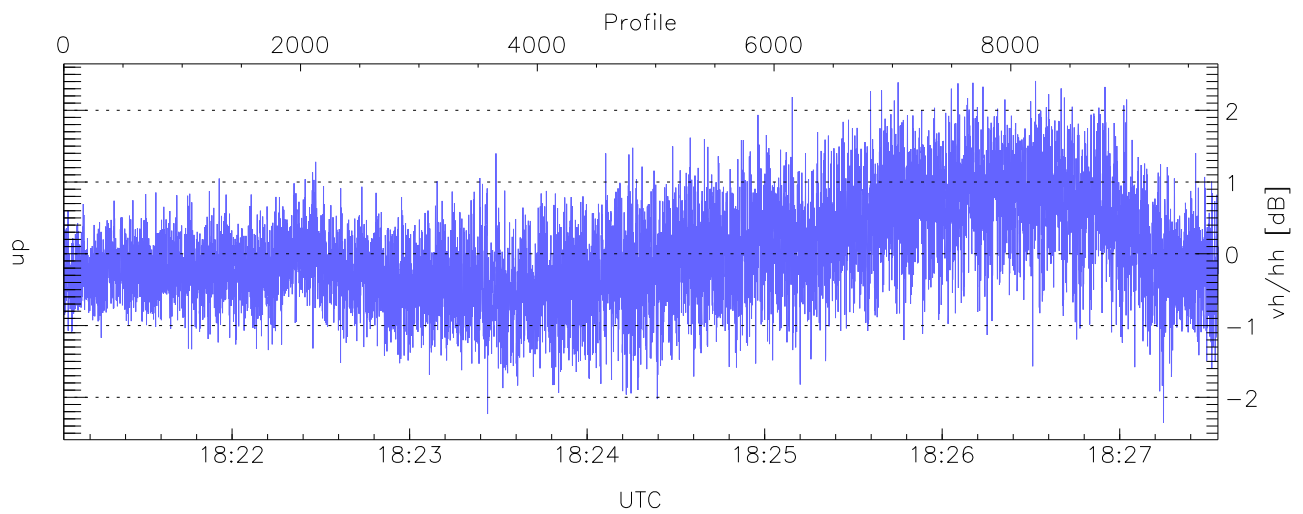
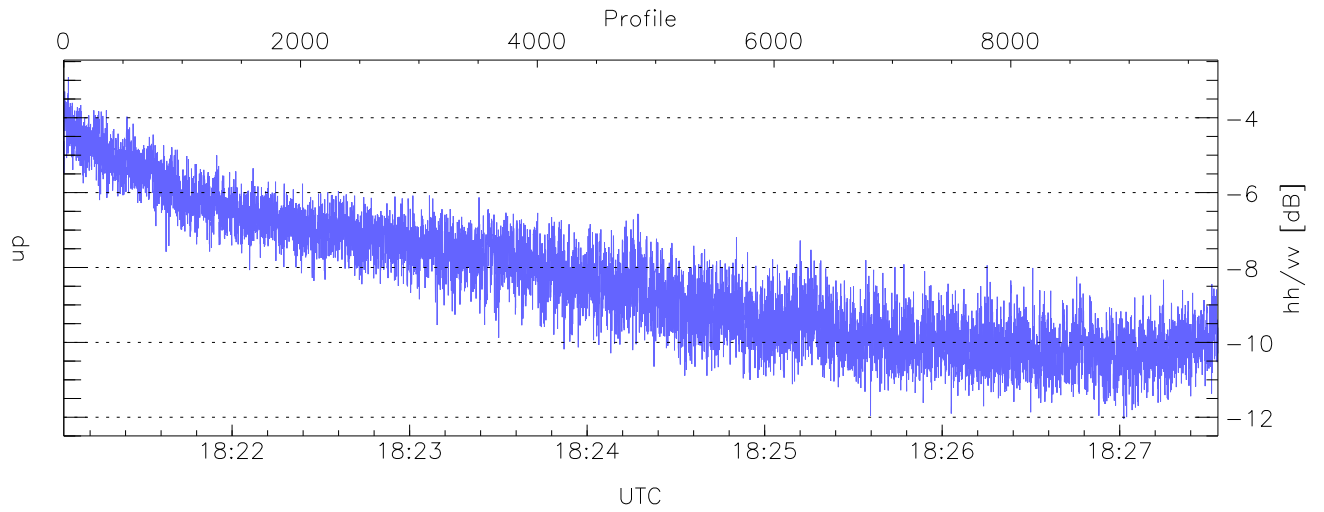


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



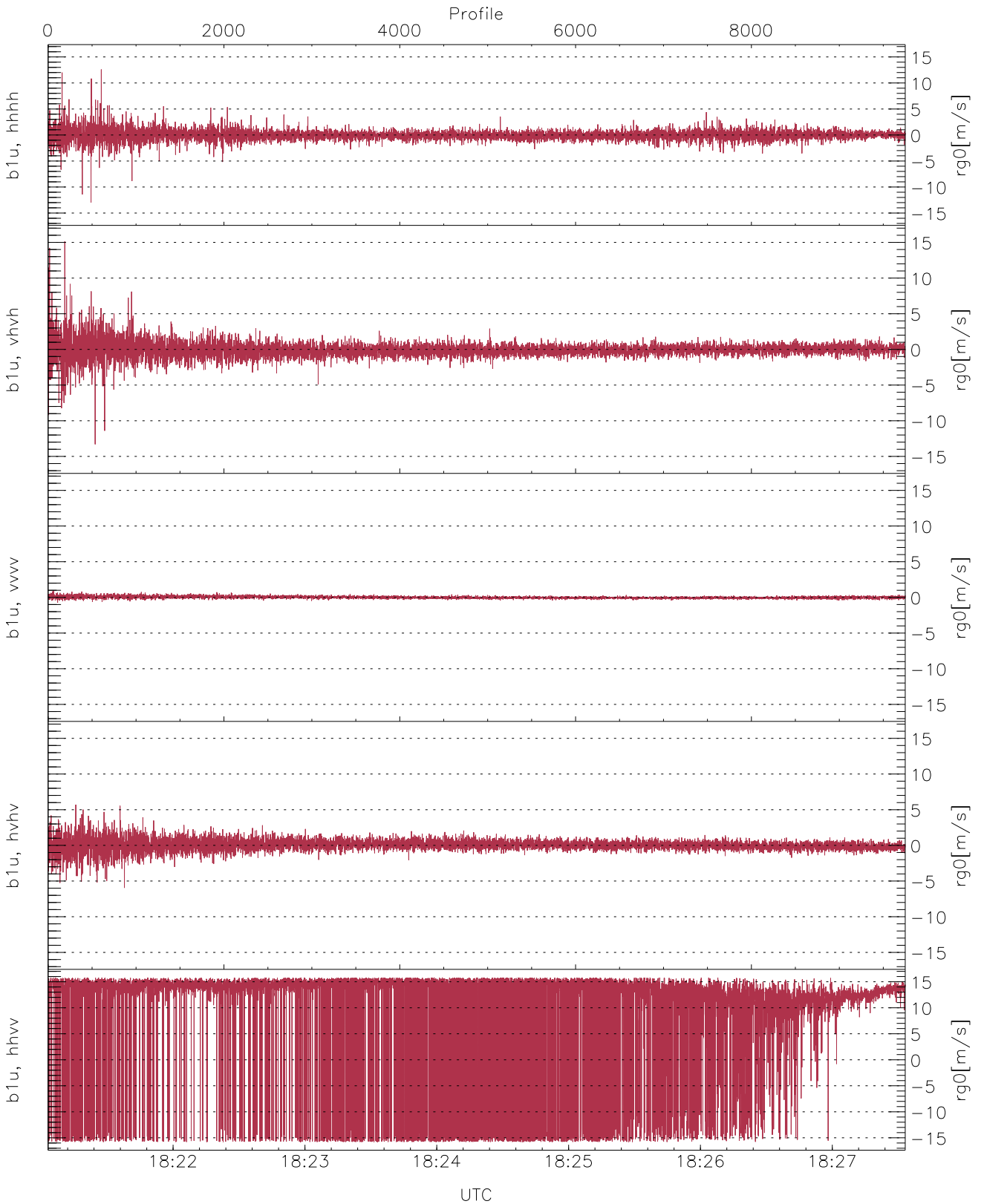
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-63.72	-58.55	-61.60
up(vh[dBm])	-63.80	-58.88	-61.59
up(vv[dBm])	-59.27	-49.17	-52.83
up(hv[dBm])	-63.61	-58.13	-61.02



WCR2 Co- and Cross-pol Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up(hh/vv [dB])	-12.04	-2.92	-8.00
up(vh/hh [dB])	-2.35	2.41	0.07
up(hv/vv [dB])	-10.67	-3.50	-7.60



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-12.97	12.60	-0.02	0.96
b1u, vvhv(rg0[m/s])	-13.31	15.14	-0.04	1.02
b1u, vvvv(rg0[m/s])	-0.75	0.94	0.00	0.16
b1u, hvhv(rg0[m/s])	-5.96	5.71	0.03	0.75
b1u, hhvv(rg0[m/s])	-15.80	15.80	8.58	11.12