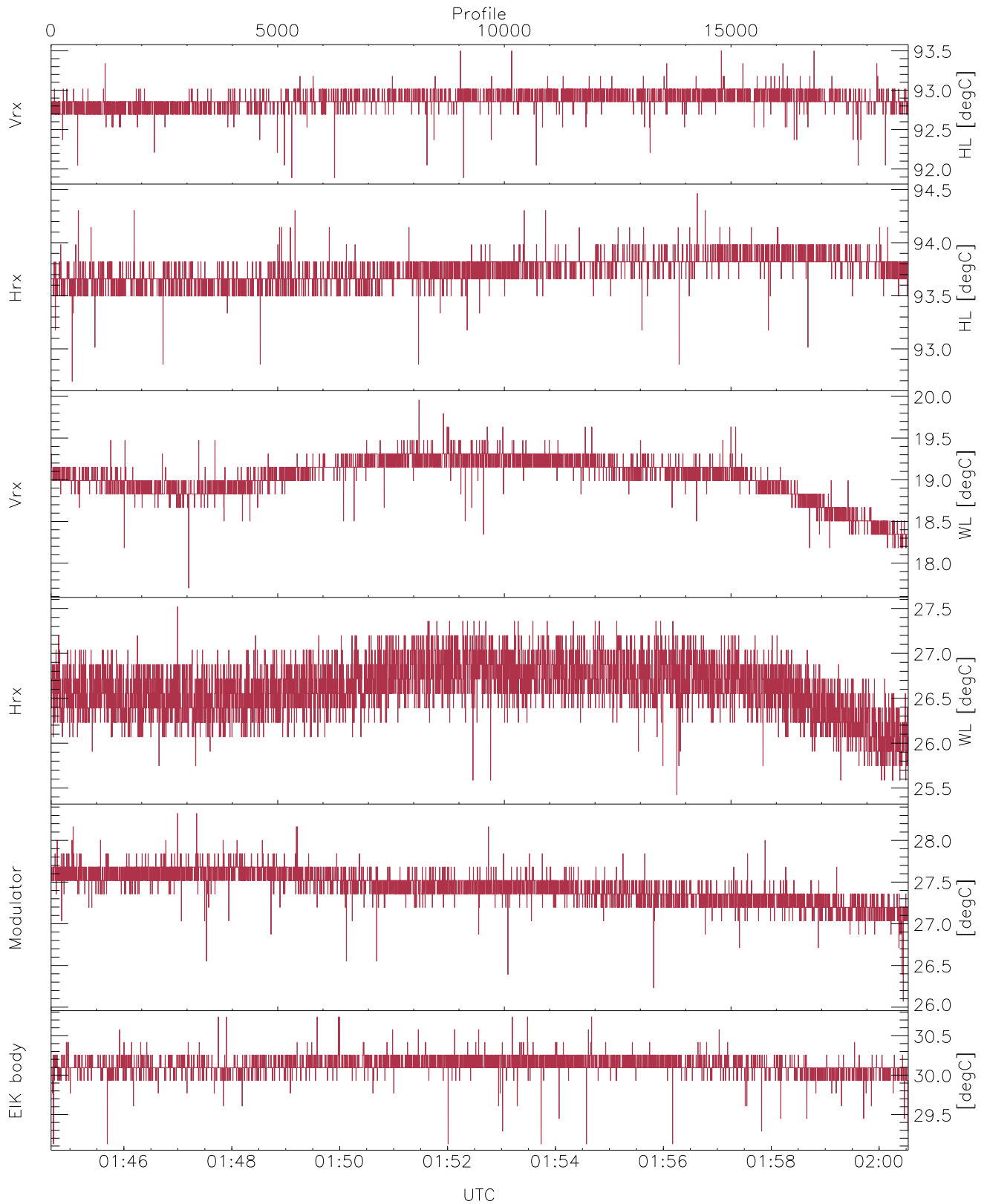


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

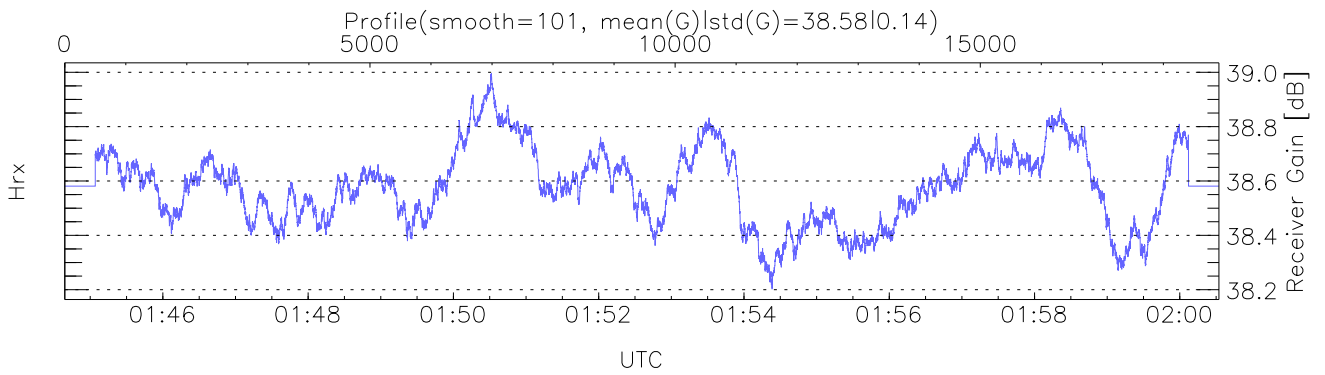
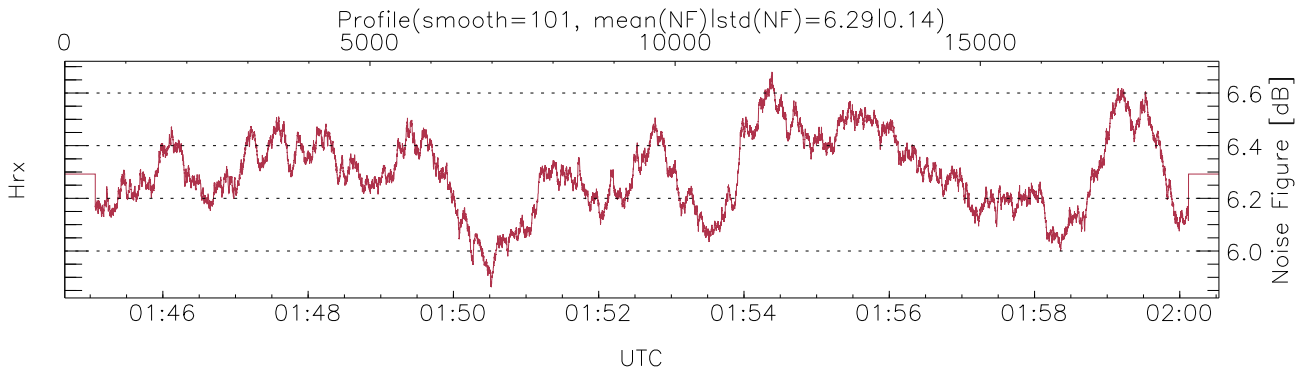
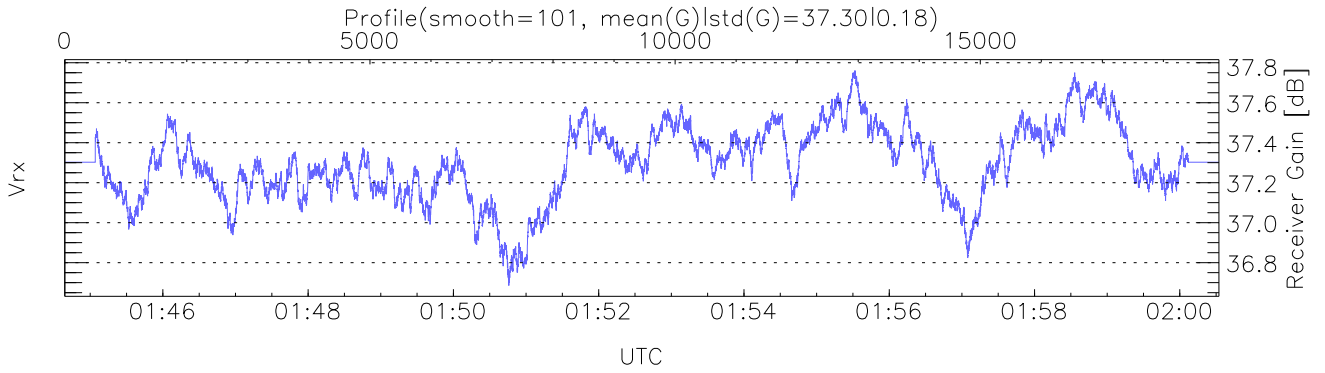
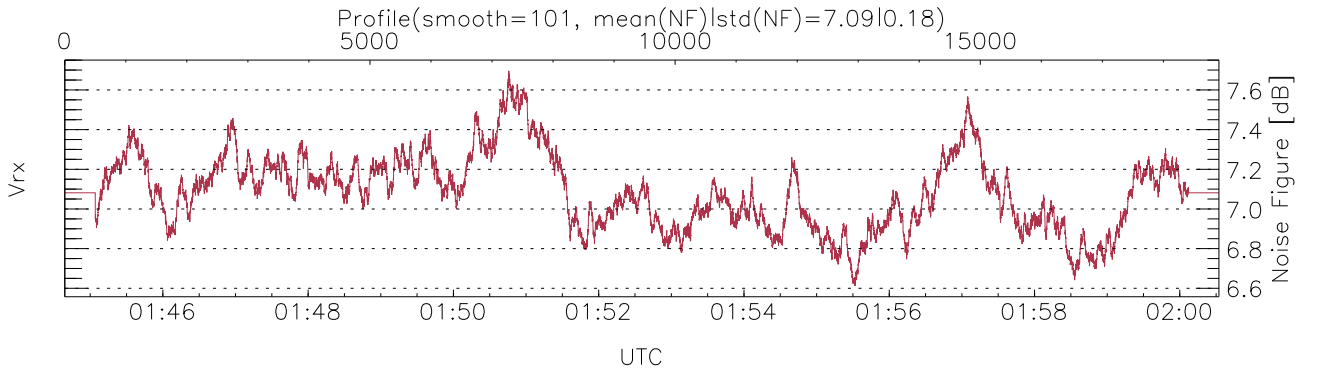
UTC: 01:44:39-02:00:32, Dur: 953.35s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 18912/18912, 0-18911/01:44:39-02:00:32
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rgs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



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

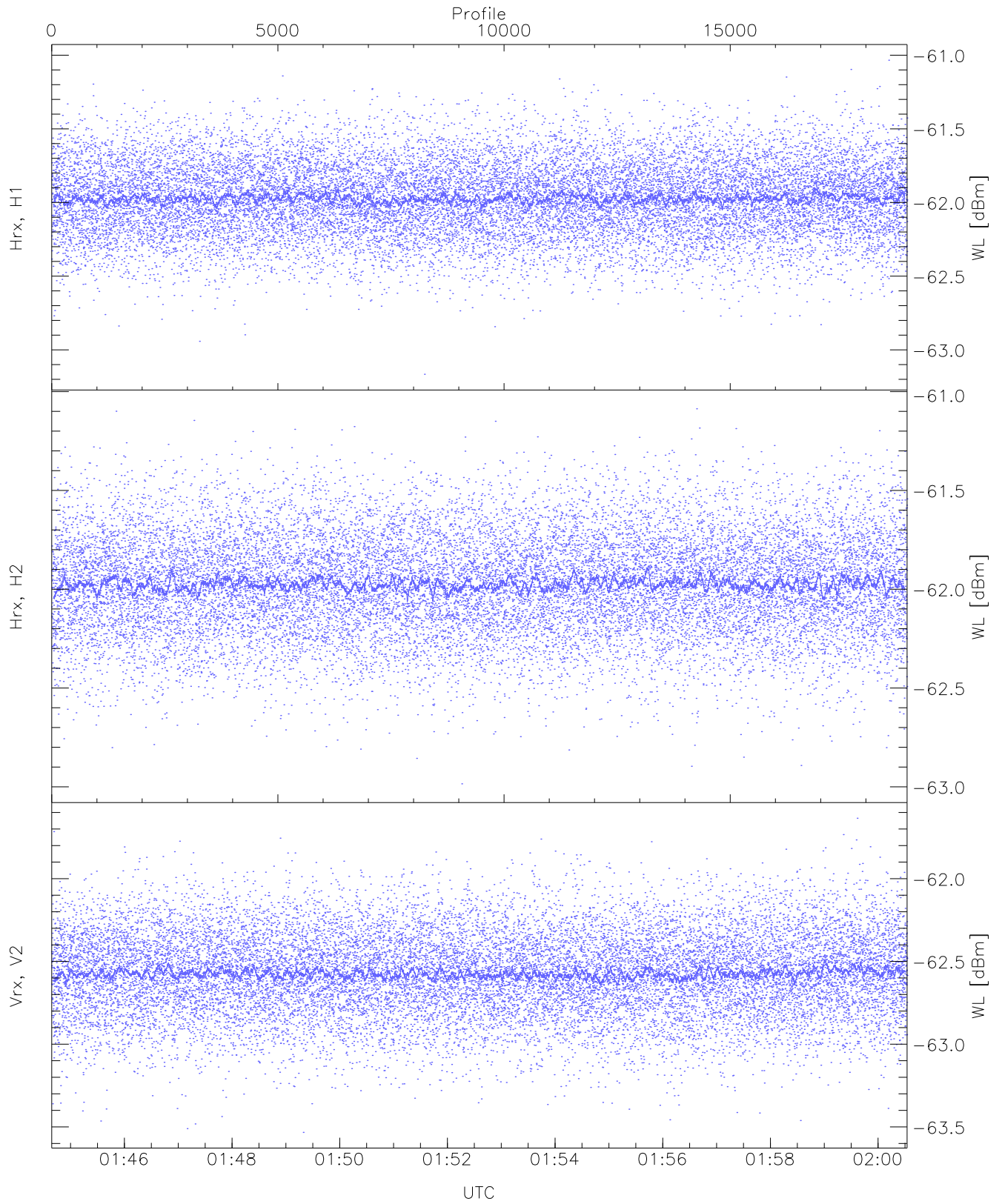
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,25,26,29
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,19,27,28,30
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (21,21,21,21,26,15)



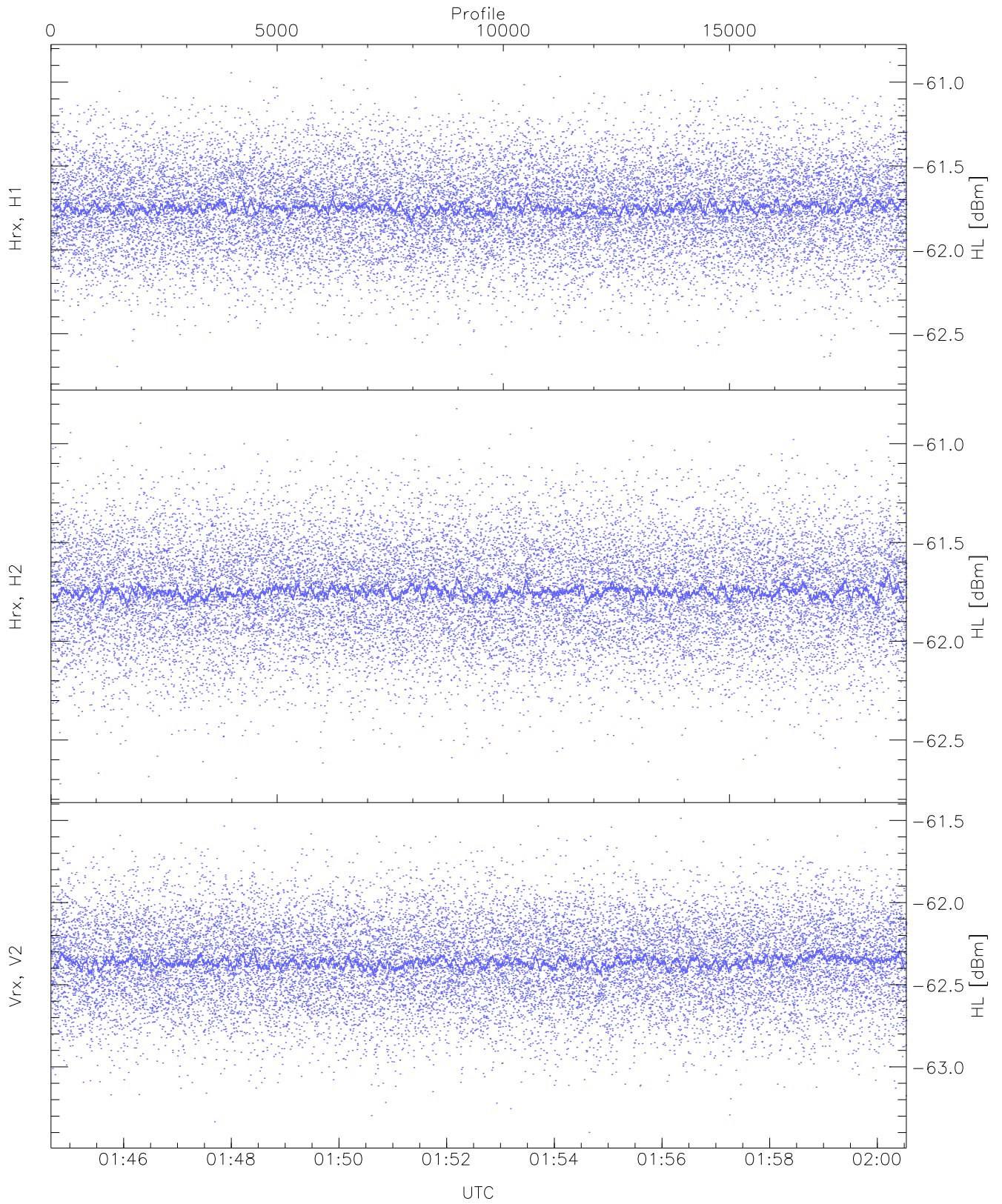
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 5012 pixs, 67 gates, 4991 profs, 1 prods



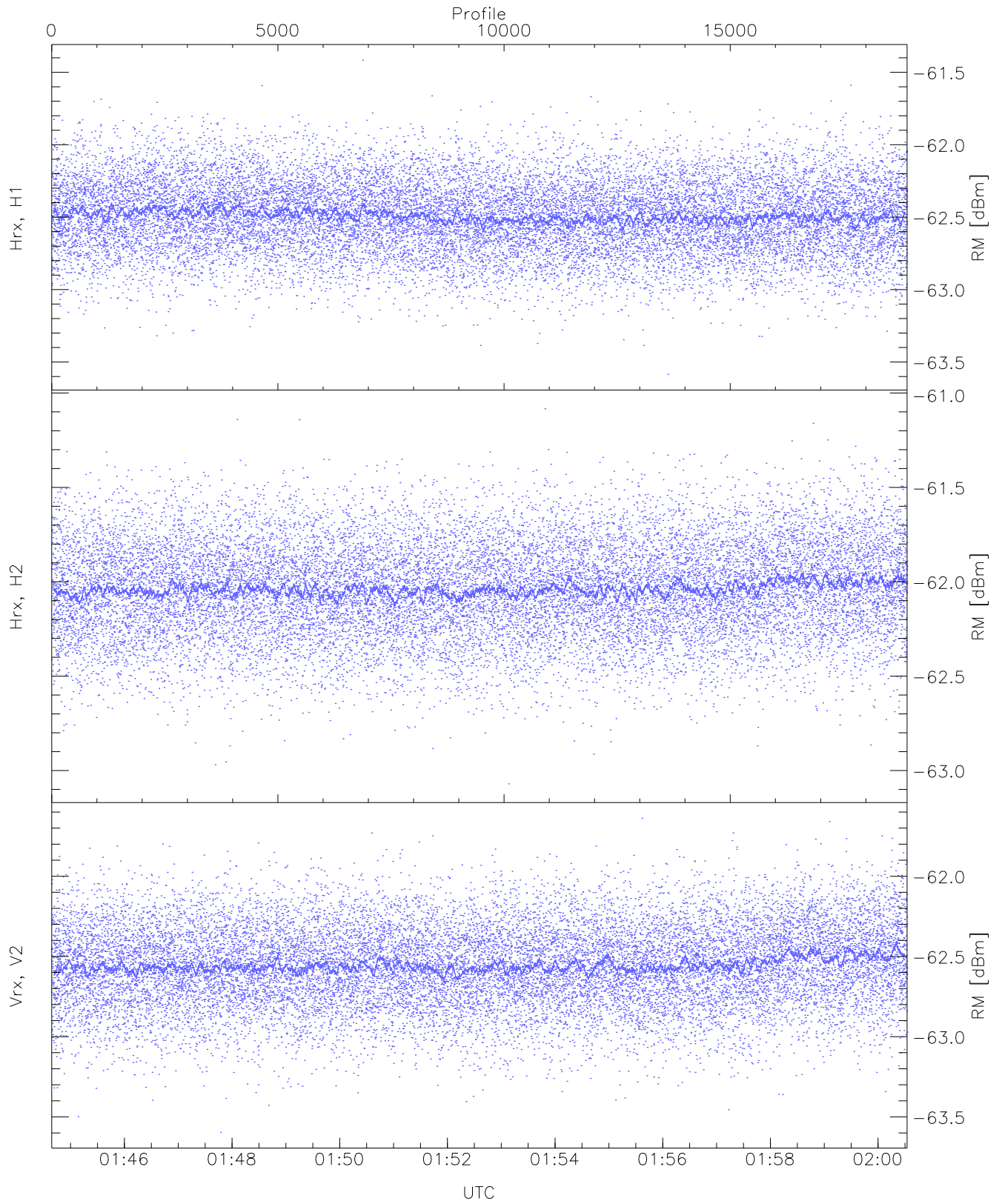
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.17	-61.03	-61.97	-61.97	-74.56
Hrx, H2(WL [dBm])	-62.98	-61.09	-61.97	-61.97	-74.51
Vrx, V2(WL [dBm])	-63.53	-61.63	-62.57	-62.57	-75.14



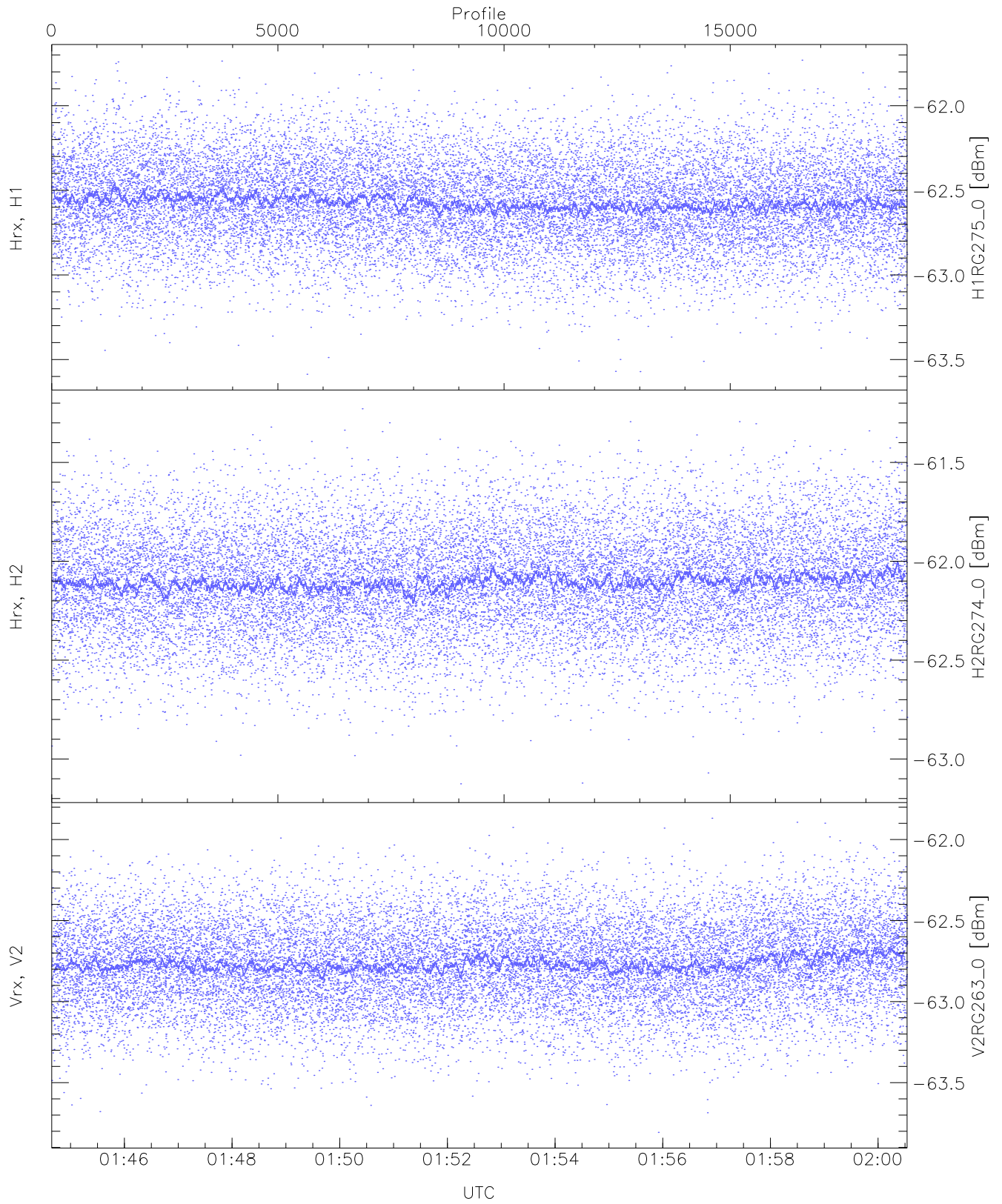
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.74	-60.87	-61.75	-61.75	-74.35
Hrx, H2 (HL [dBm])	-62.72	-60.82	-61.75	-61.75	-74.35
Vrx, V2 (HL [dBm])	-63.40	-61.49	-62.36	-62.36	-74.91



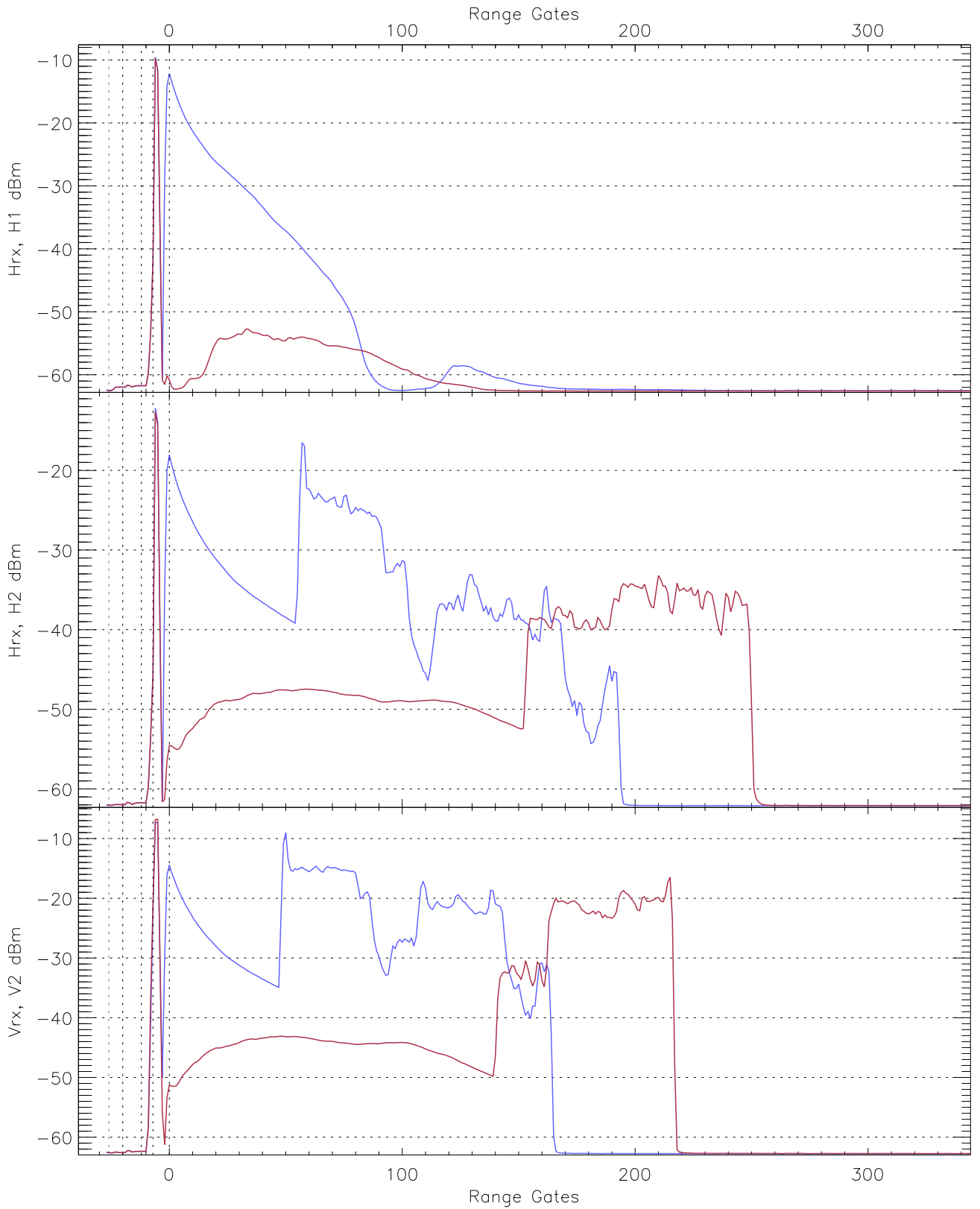
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.58	-61.42	-62.49	-62.49	-75.03
Hrx, H2(RM [dBm])	-63.07	-61.08	-62.03	-62.04	-74.59
Vrx, V2(RM [dBm])	-63.60	-61.64	-62.55	-62.56	-75.06

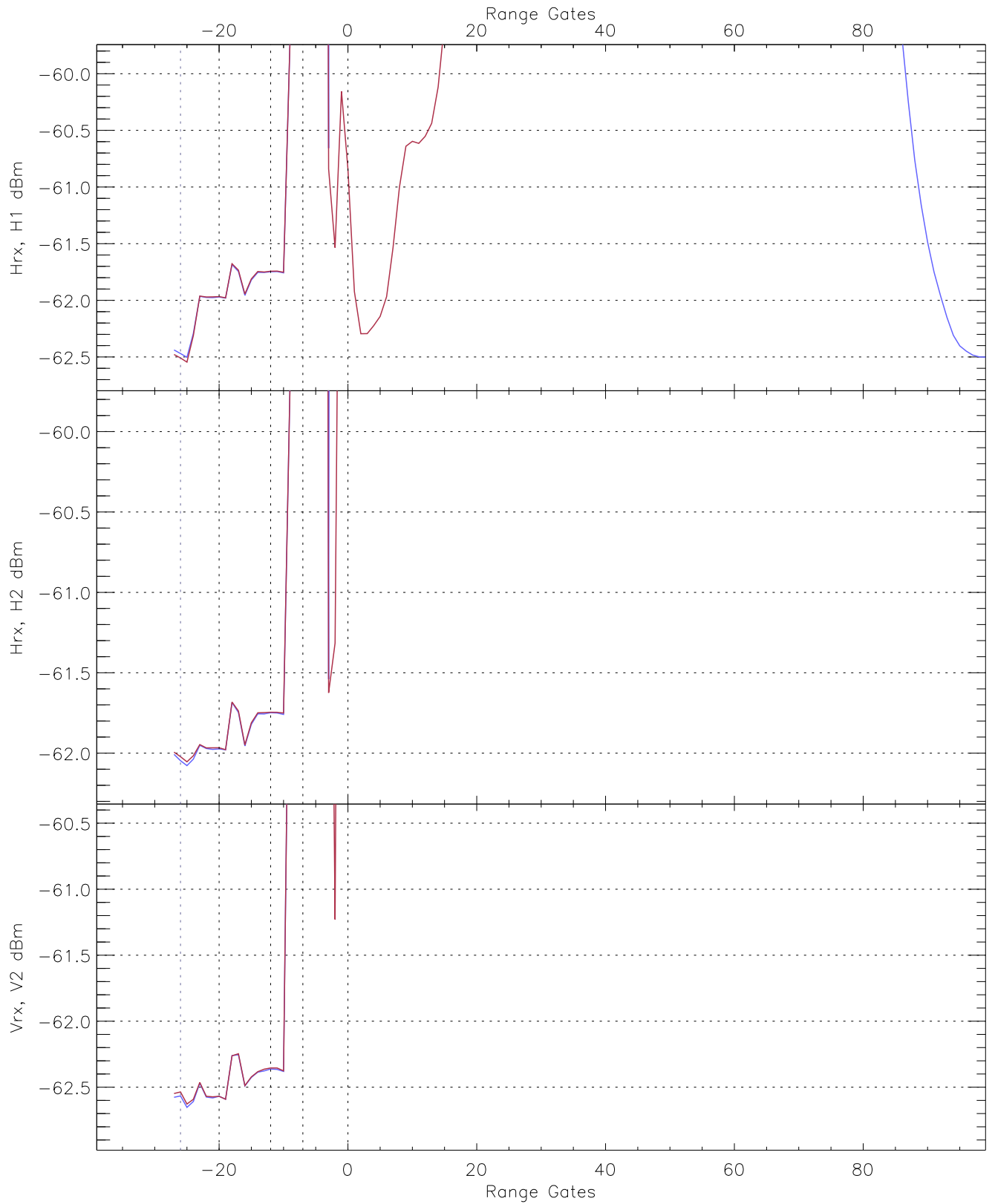


WCR2 CPP "Best" estimate Receivers Noise Power

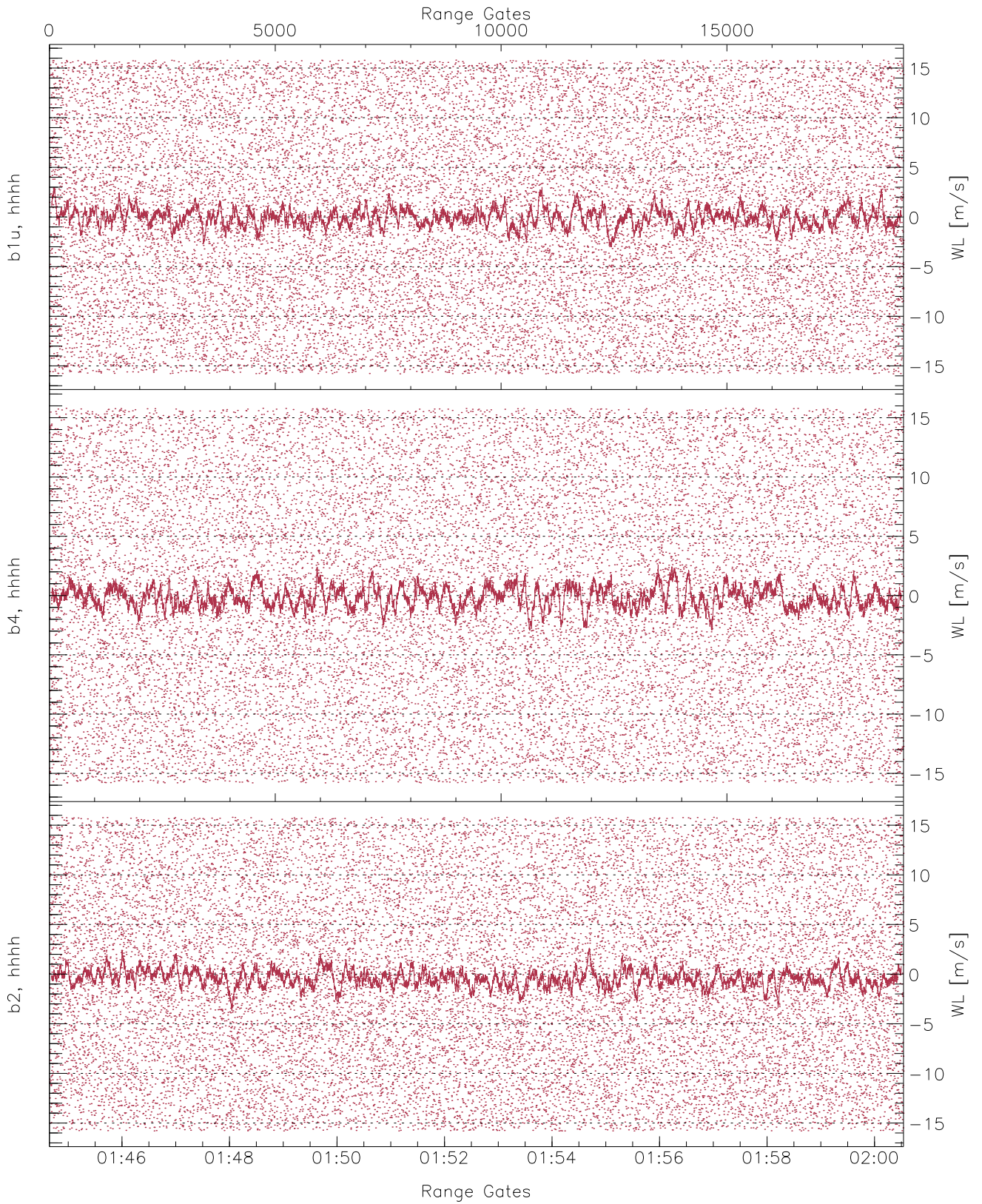
	Min	Max	Mean	Median	StDev
H1RG275_0 [dBm]	-63.59	-61.73	-62.57	-62.58	-75.12
H2RG274_0 [dBm]	-63.13	-61.23	-62.10	-62.11	-74.67
V2RG263_0 [dBm]	-63.81	-61.87	-62.76	-62.77	-75.27



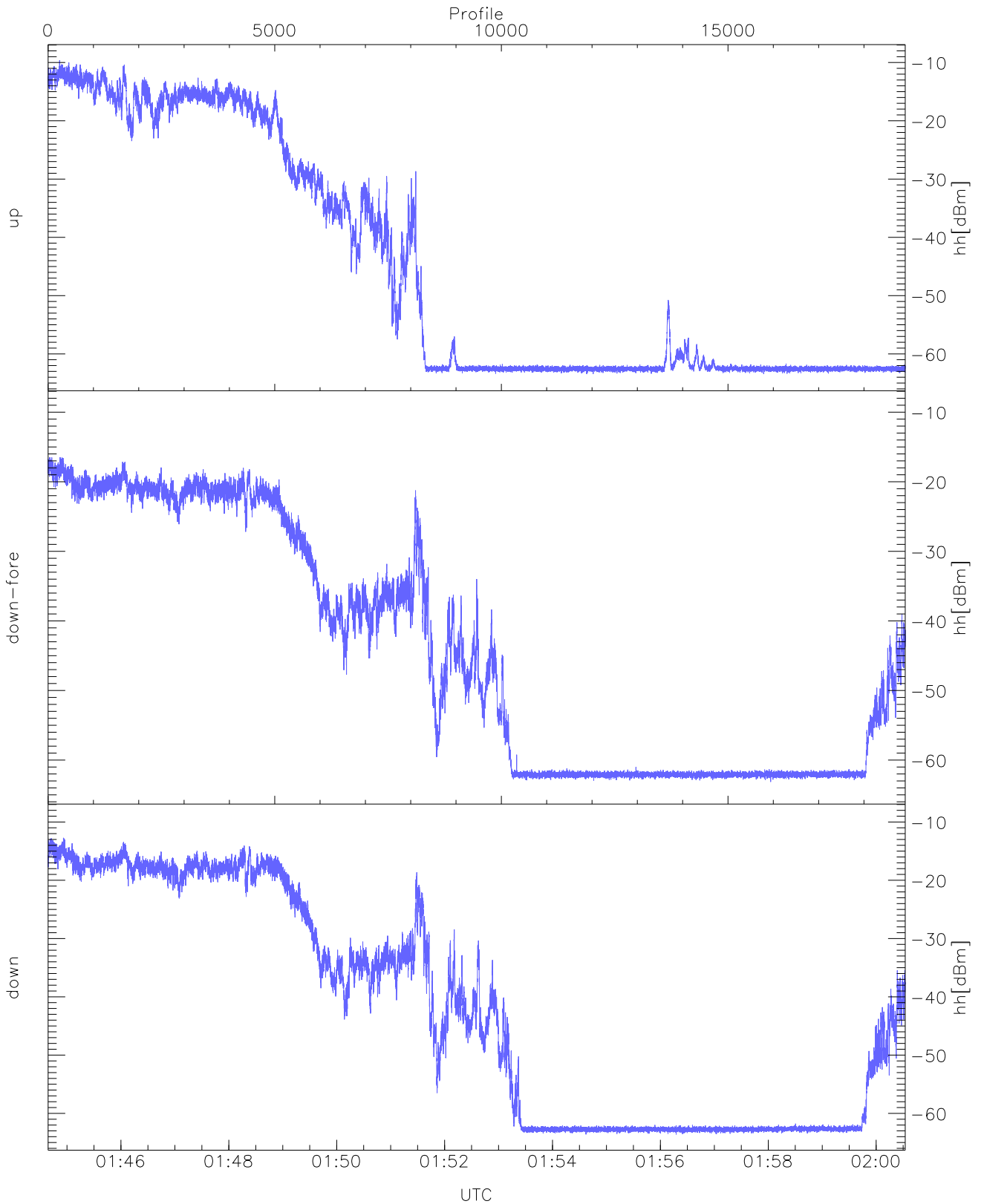
WCR2 CPP Averaged Received power for all recorded gates
blue: 014439-015236, 9457 profiles averaged
red: 015236-020032, 9456 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 014439-015236, 9457 profiles averaged
red: 015236-020032, 9456 profiles averaged

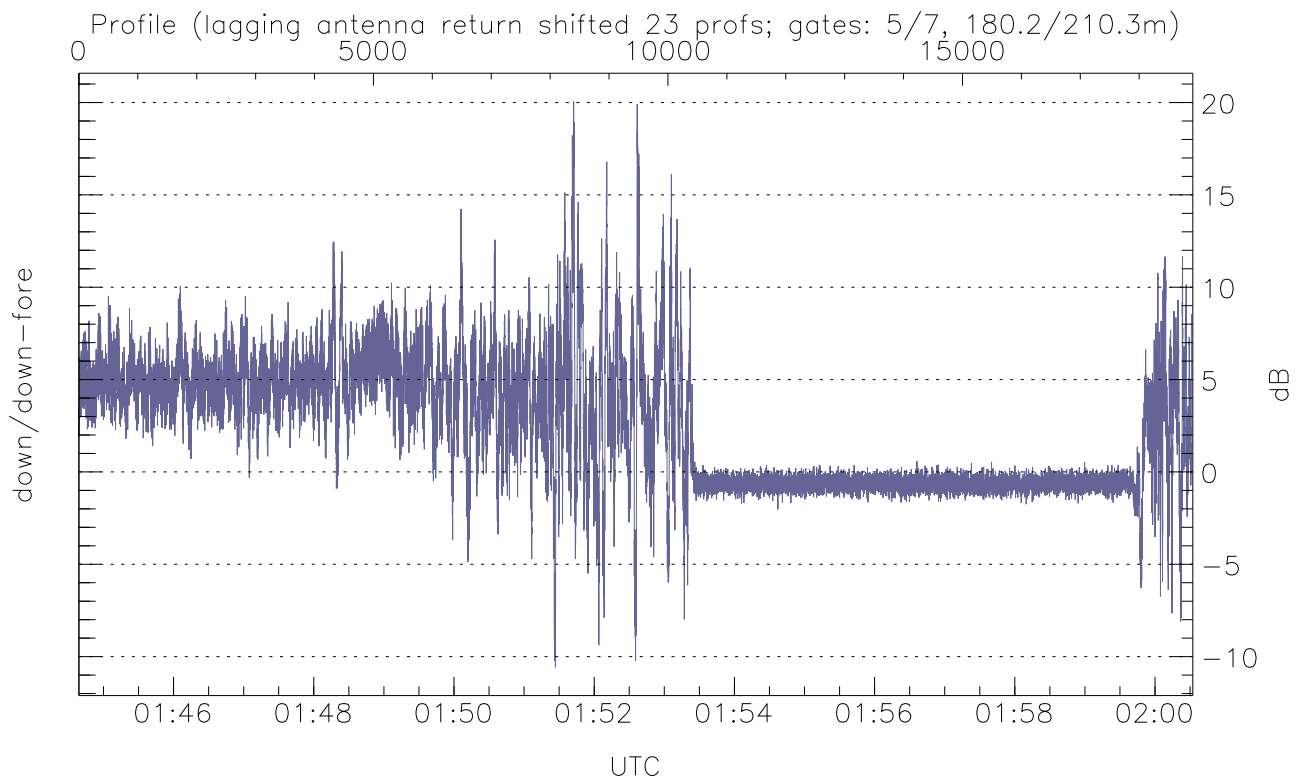
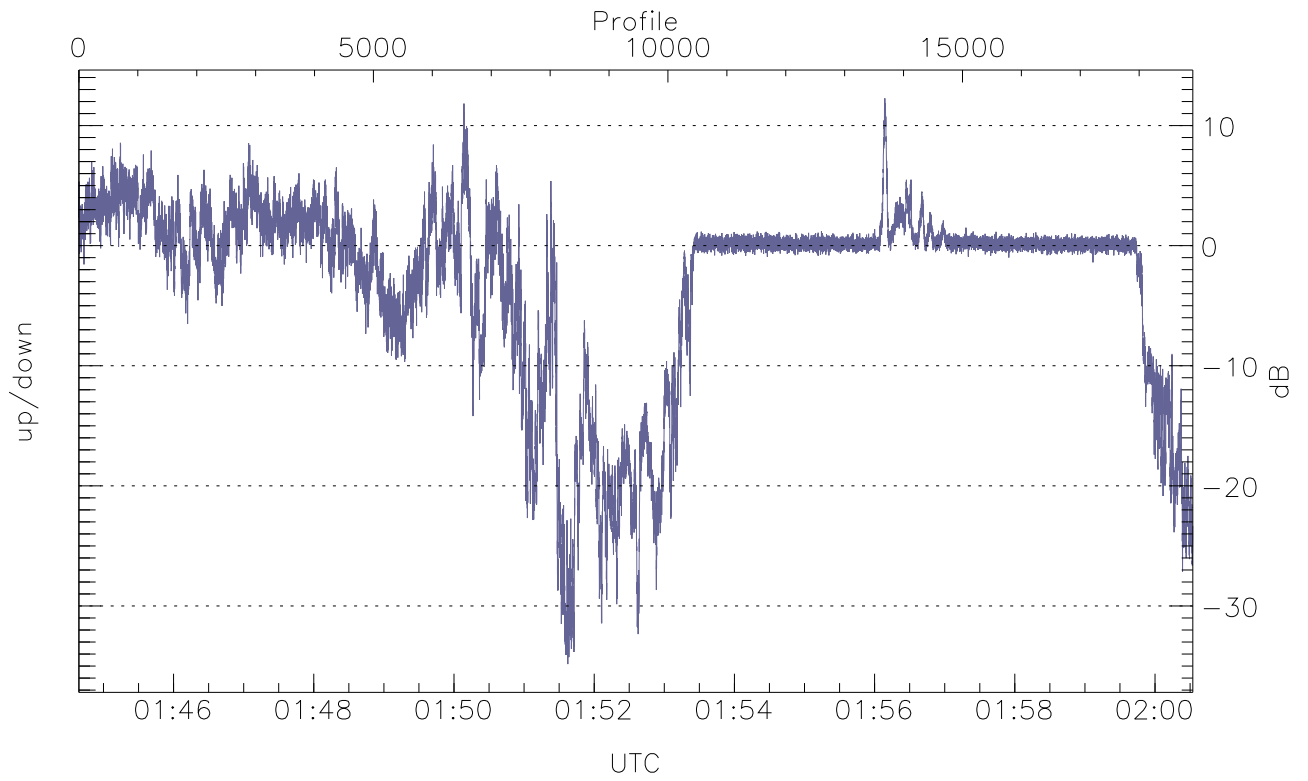


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



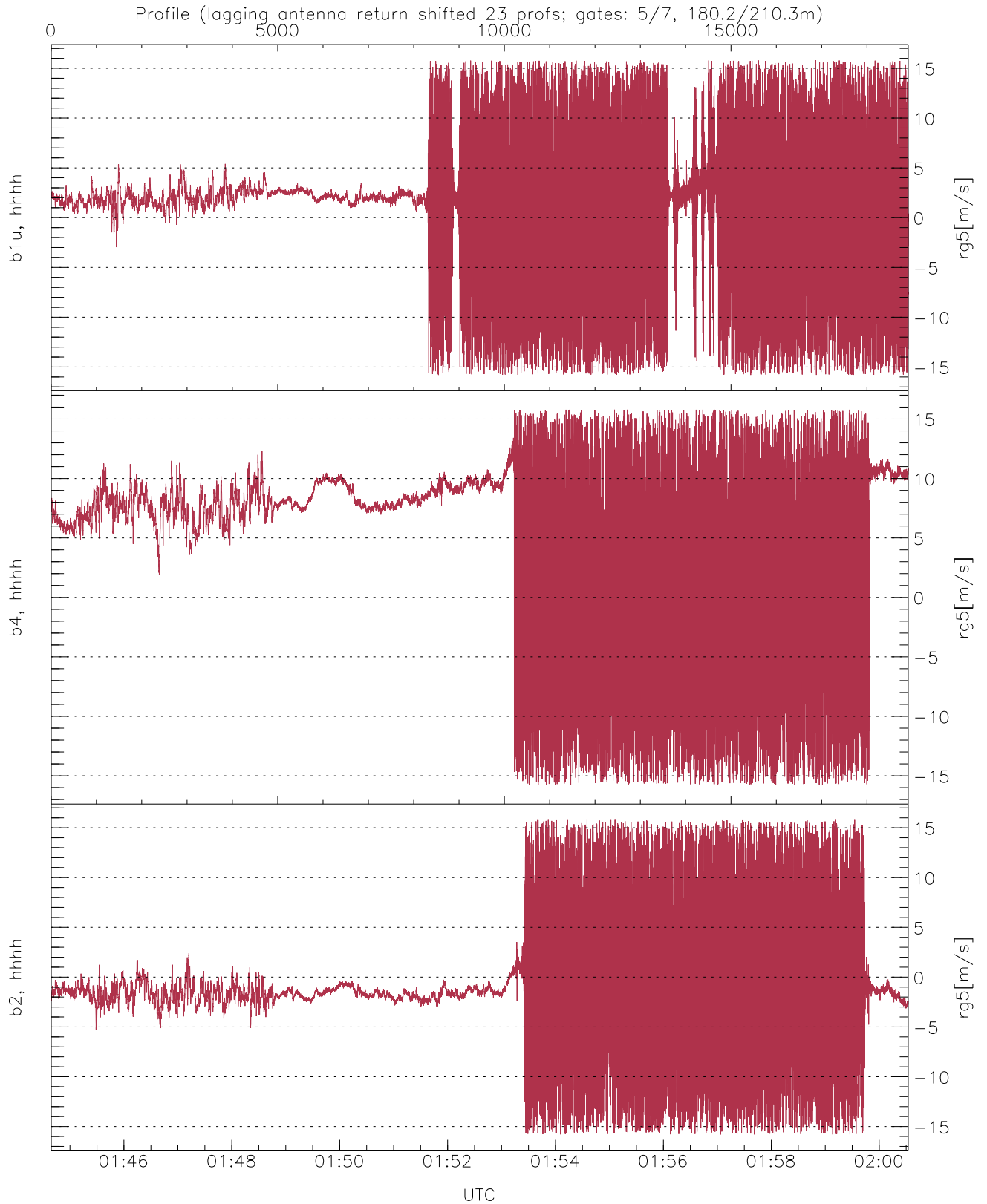
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.45	-9.62	-20.65
down-fore(hh[dBm])	-63.14	-16.47	-26.12
down(hh[dBm])	-63.62	-12.72	-22.58



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-34.84	12.27	-2.98
down/down-fore (dB)	-10.58	20.06	2.38



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	0.91	6.45
b4, hhhh(rg5[m/s])	-15.80	15.79	4.84	7.25
b2, hhhh(rg5[m/s])	-15.80	15.80	-1.07	5.74