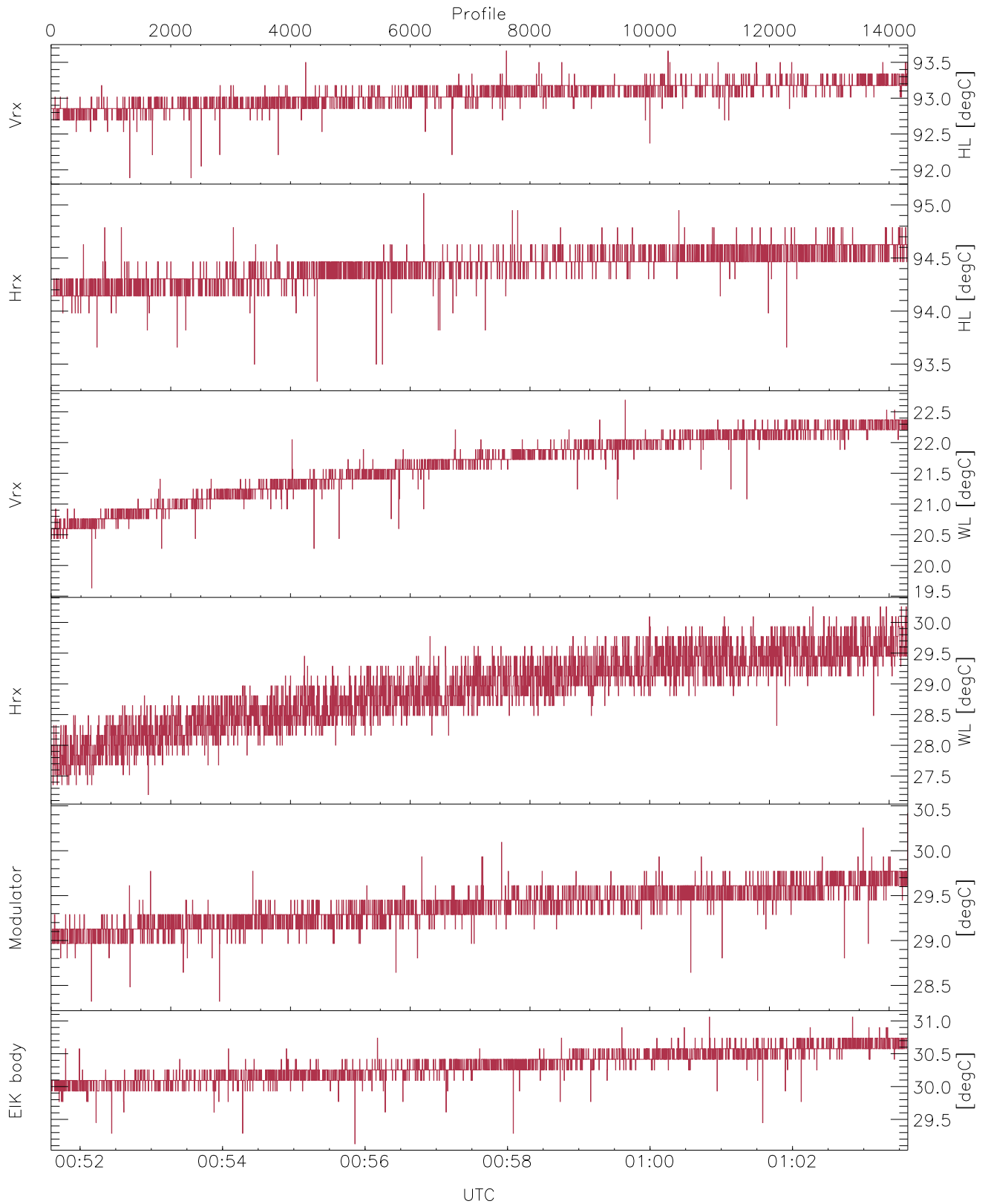


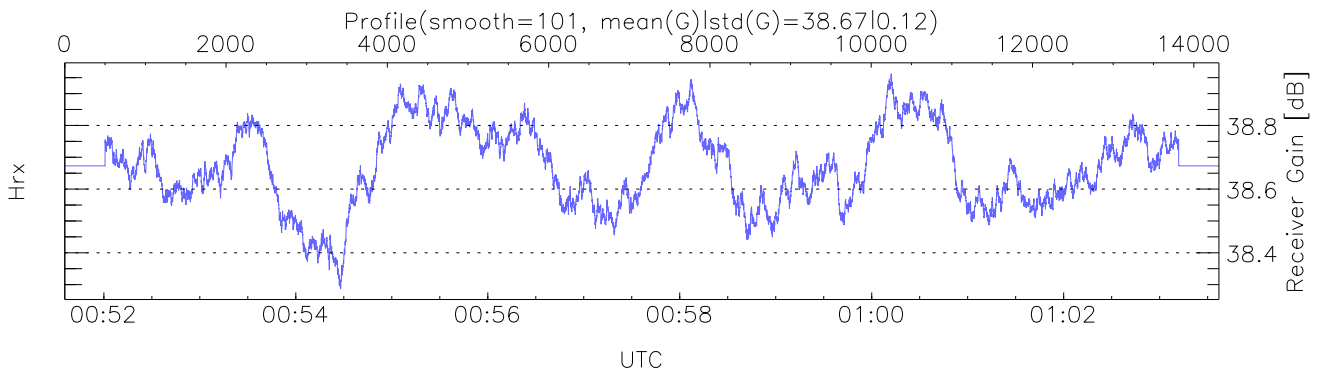
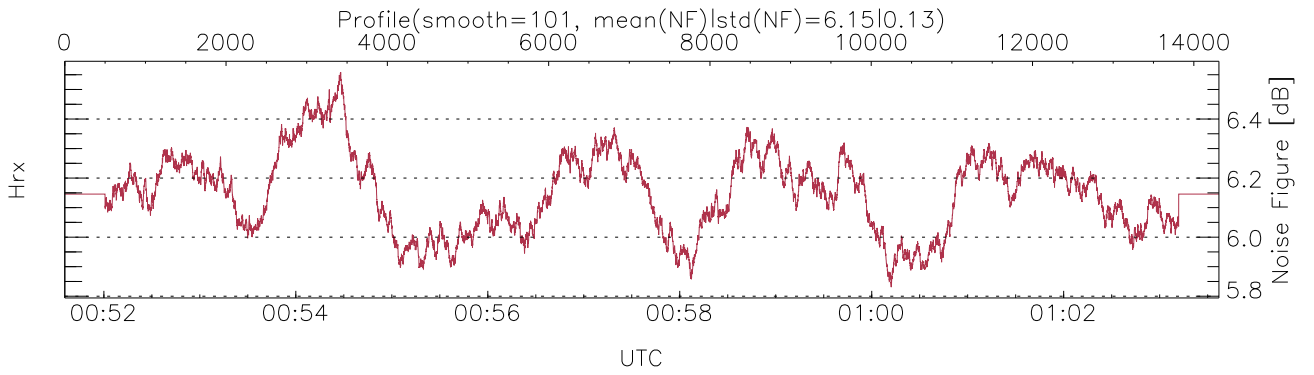
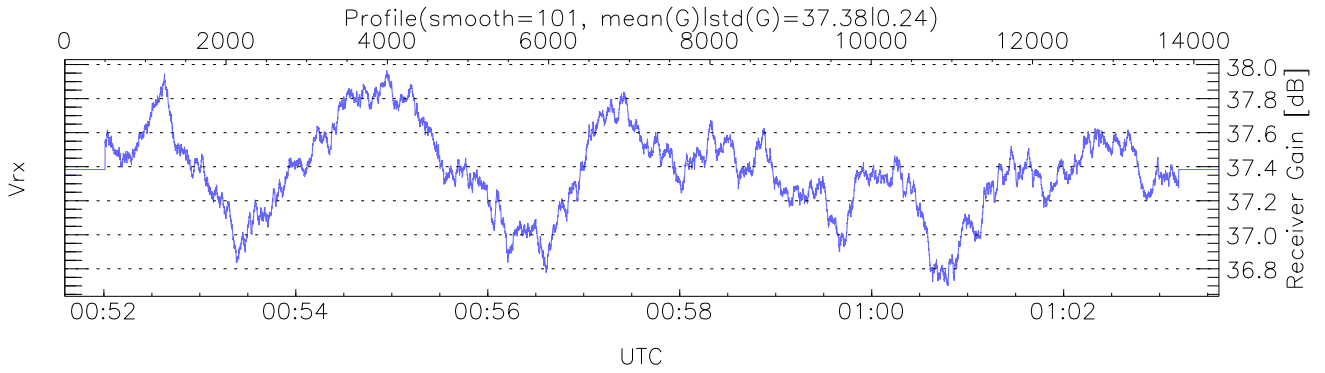
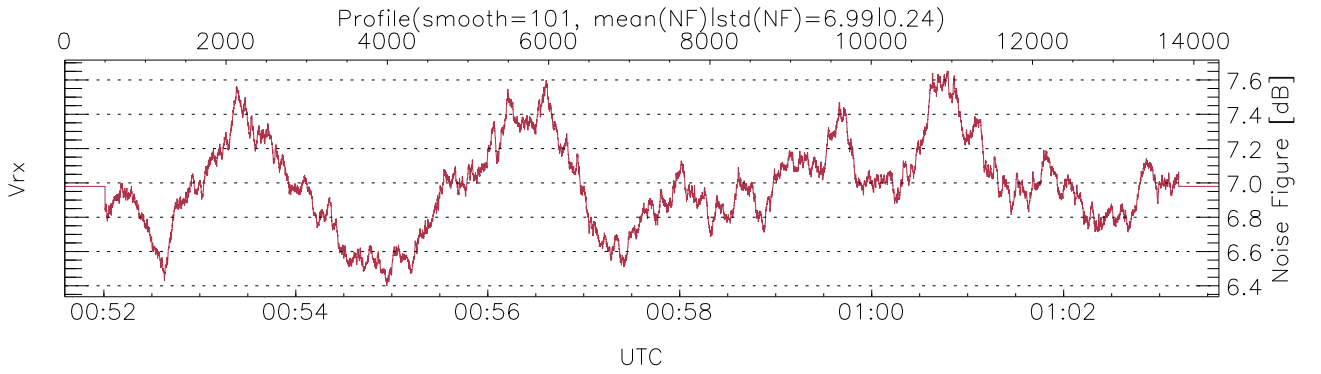
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:51:36-01:03:37, Dur: 721.51s
 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): 14313/14313, 0-14312/00:51:36-01:03:37
 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,rqs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



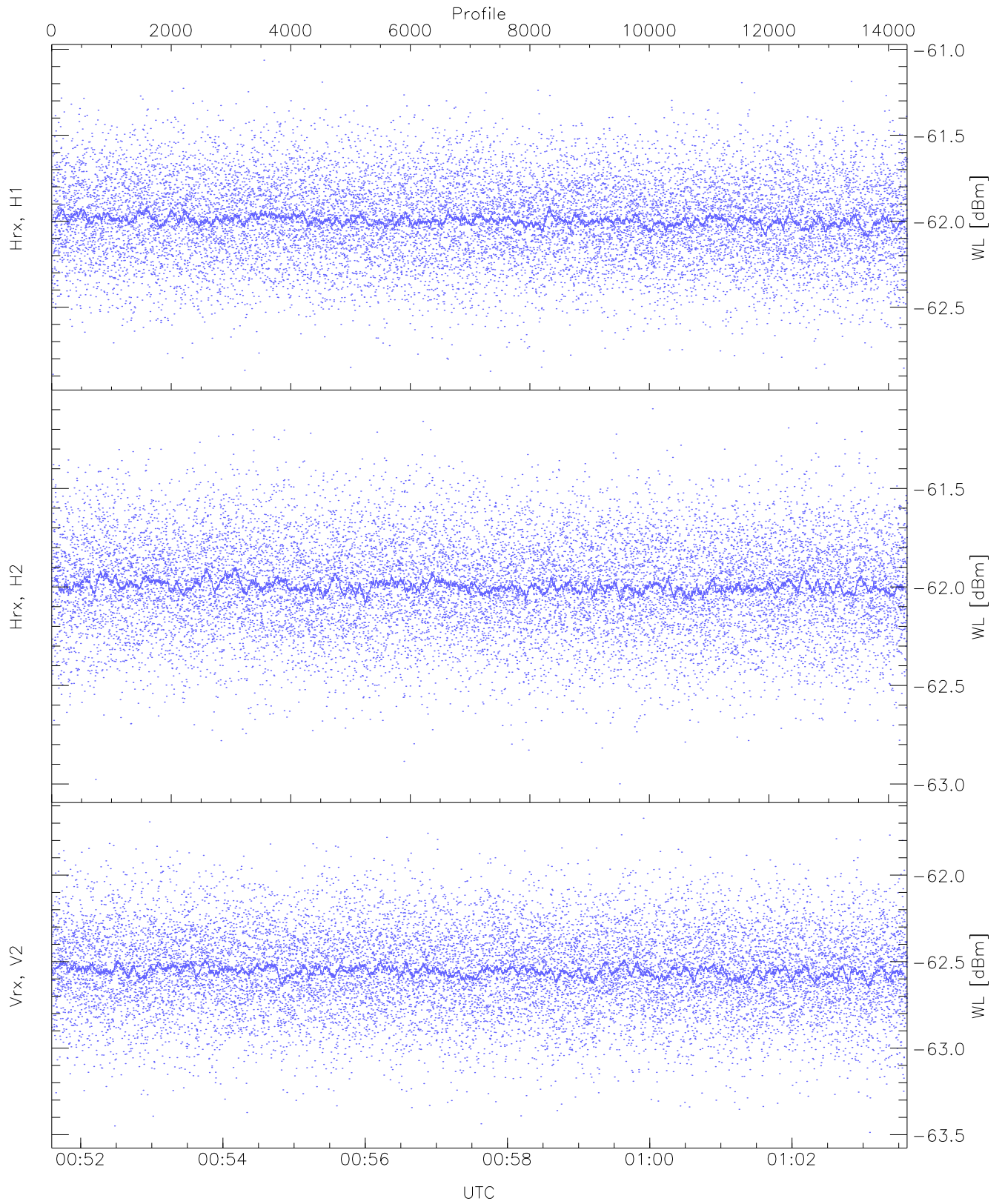
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,19,27,28,29`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,30,31`
`LOalarm(20,80,240,2.8,14.8 MHz): 5,0,0,0,0`
`EIK Faults(# prof affected):`
`HVPS (15)`



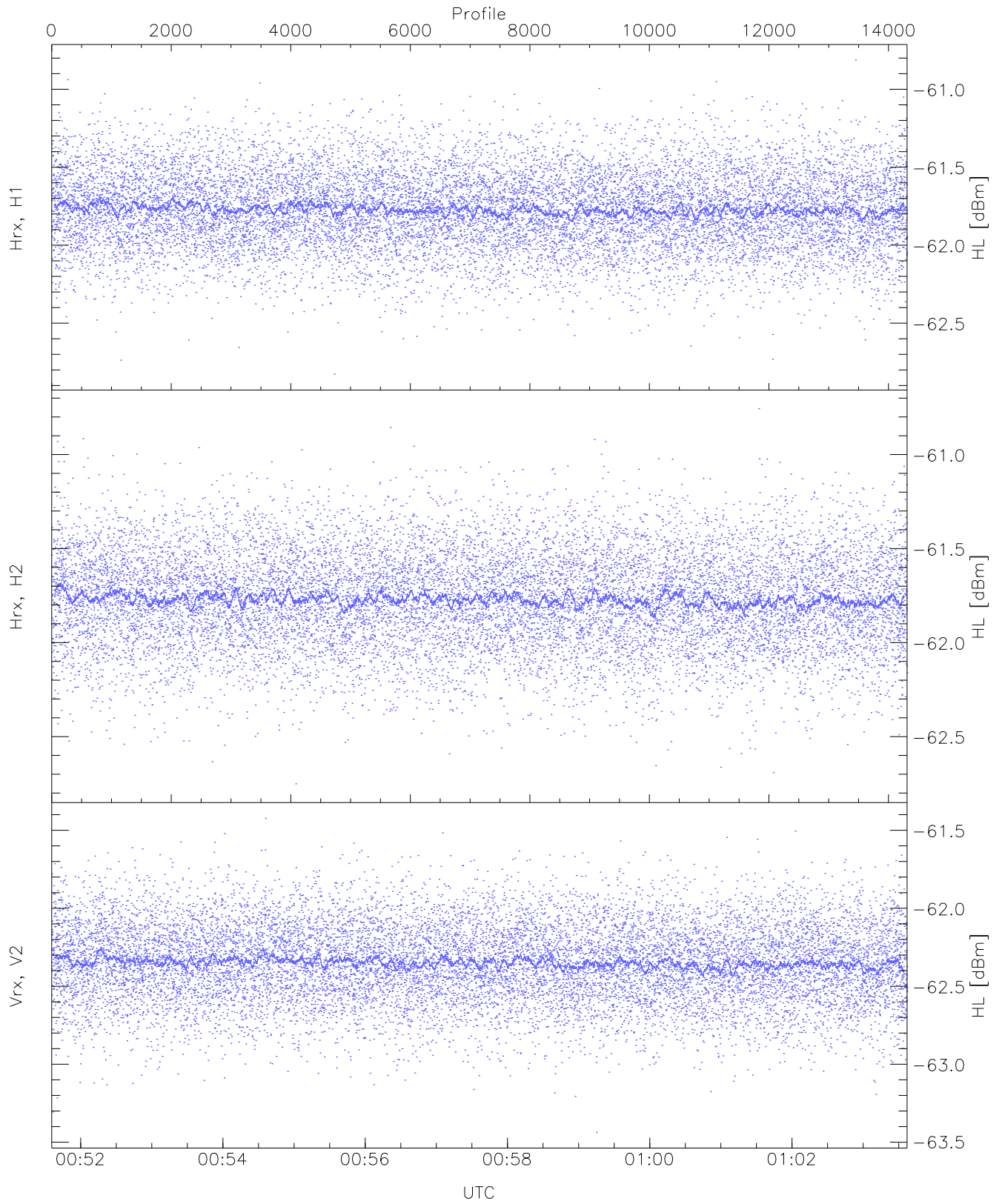
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 12678 pixs, 9 gates, 12678 profs, 1 prods



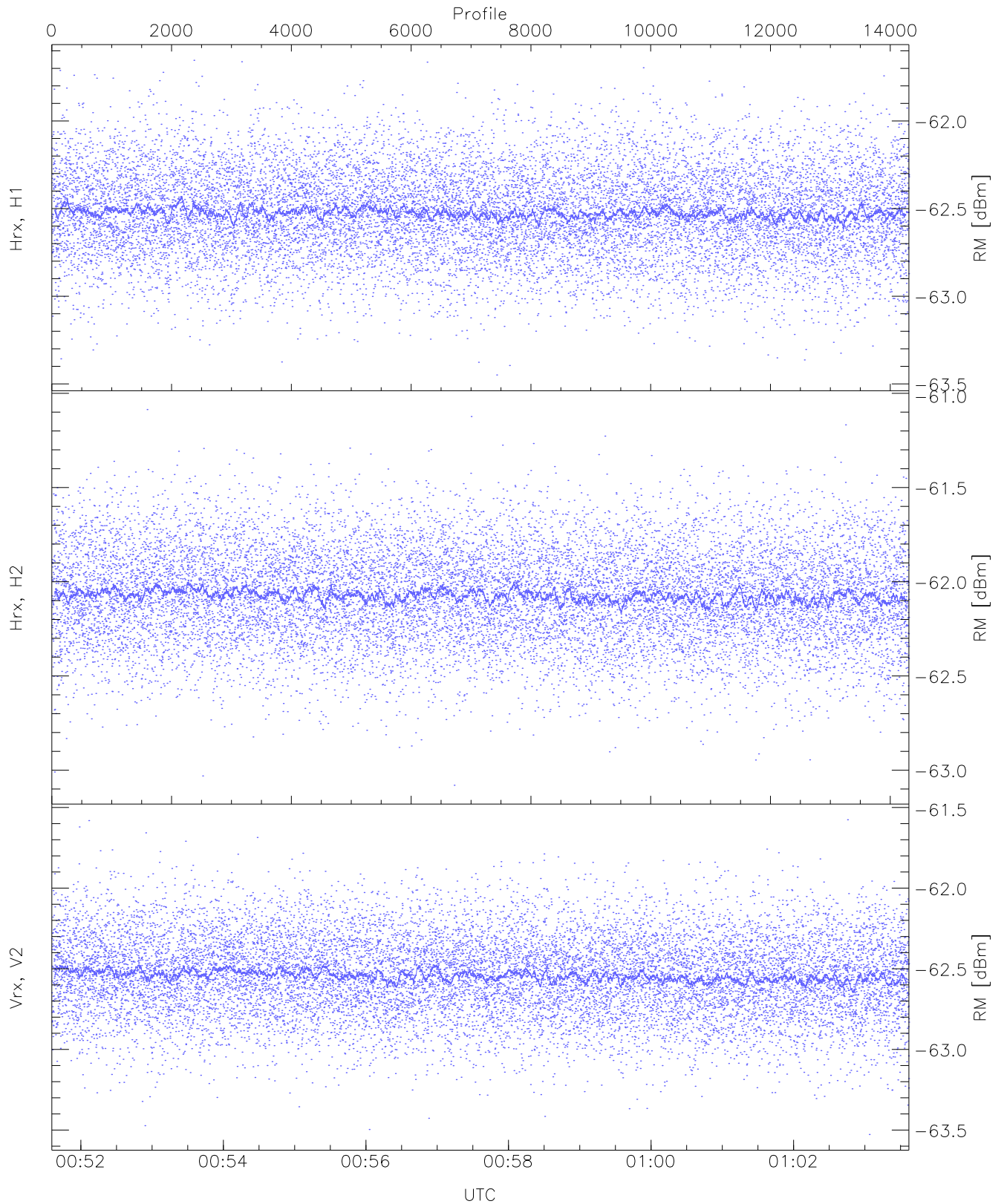
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.89	-61.06	-61.99	-62.00	-74.55
Hrx, H2(WL [dBm])	-63.00	-61.10	-61.99	-62.00	-74.56
Vrx, V2(WL [dBm])	-63.49	-61.67	-62.55	-62.56	-75.12



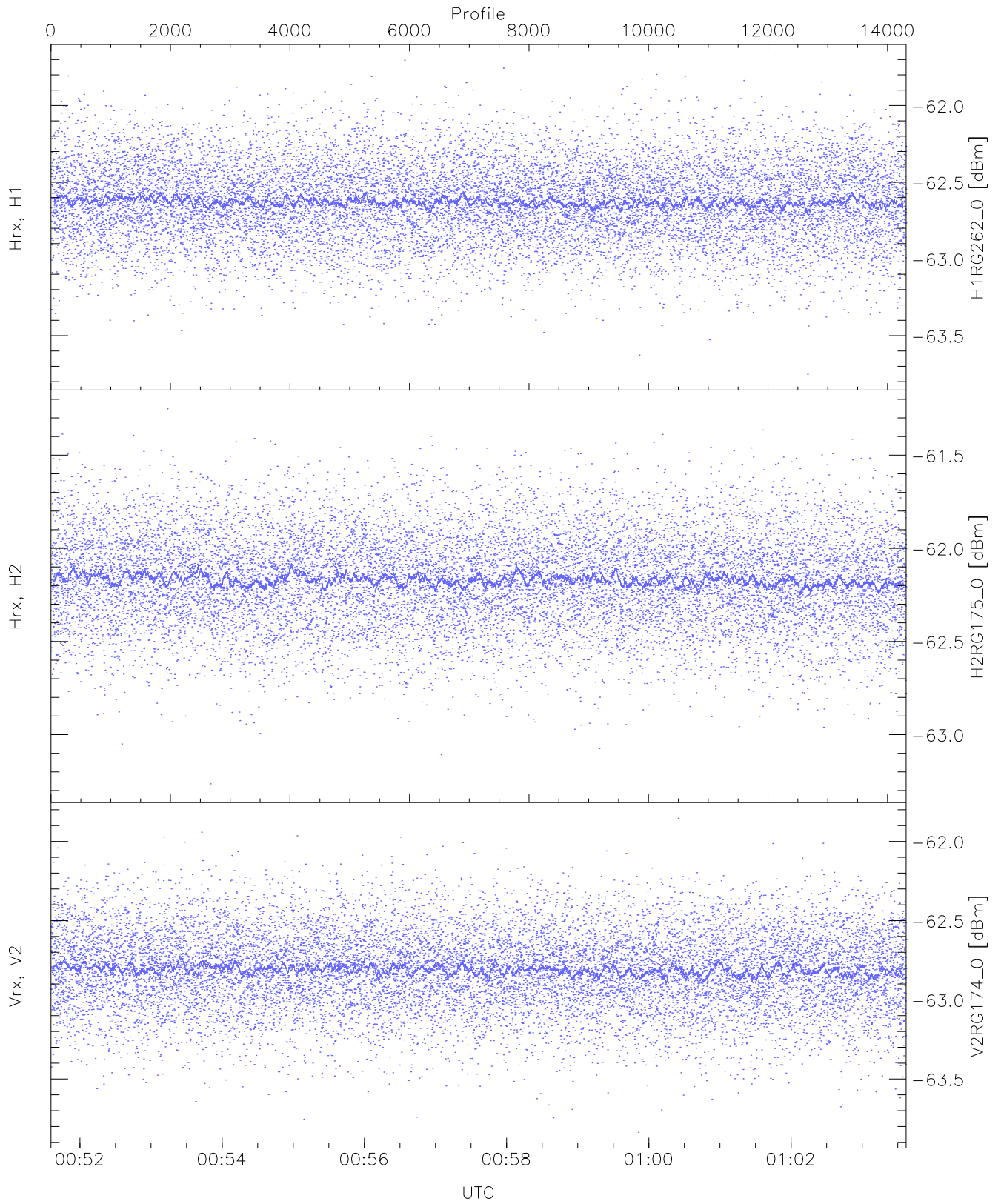
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.83	-60.81	-61.77	-61.77	-74.35
Hrx, H2(HL [dBm])	-62.75	-60.76	-61.77	-61.77	-74.27
Vrx, V2(HL [dBm])	-63.44	-61.42	-62.35	-62.35	-74.89



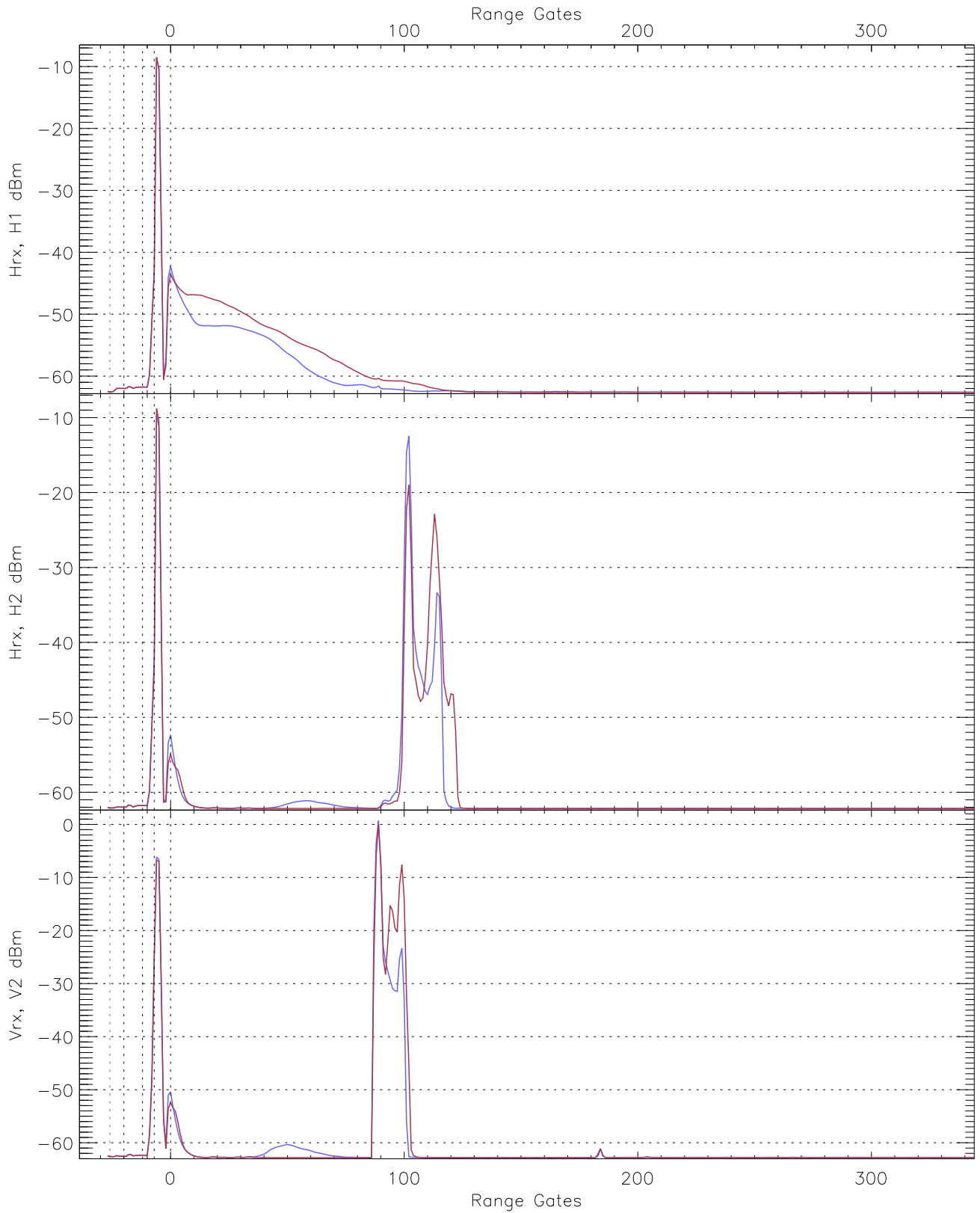
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.45	-61.65	-62.52	-62.53	-75.04
Hrx, H2(RM [dBm])	-63.08	-61.09	-62.07	-62.08	-74.61
Vrx, V2(RM [dBm])	-63.53	-61.58	-62.54	-62.54	-75.07

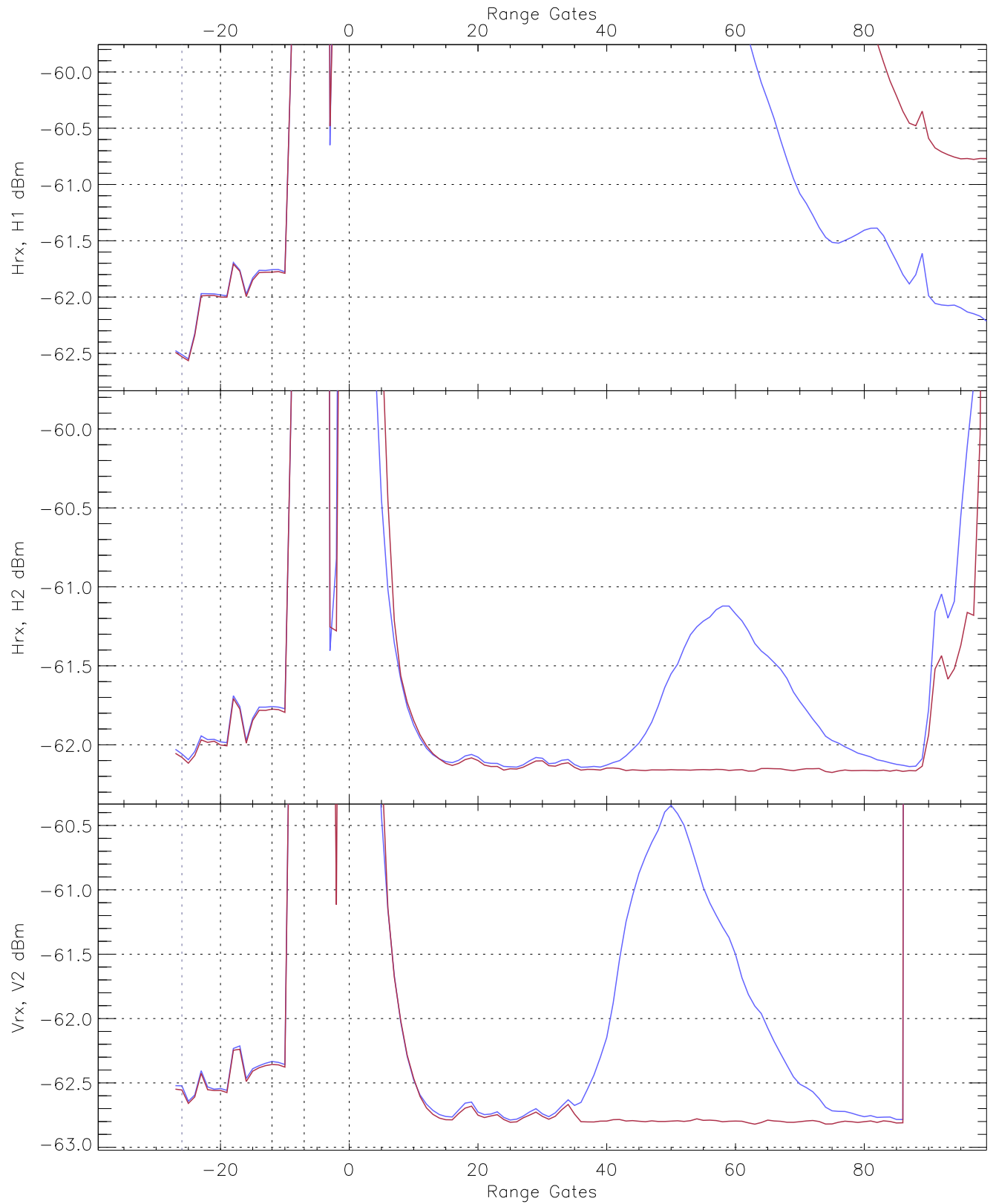


WCR2 CPP "Best" estimate Receivers Noise Power

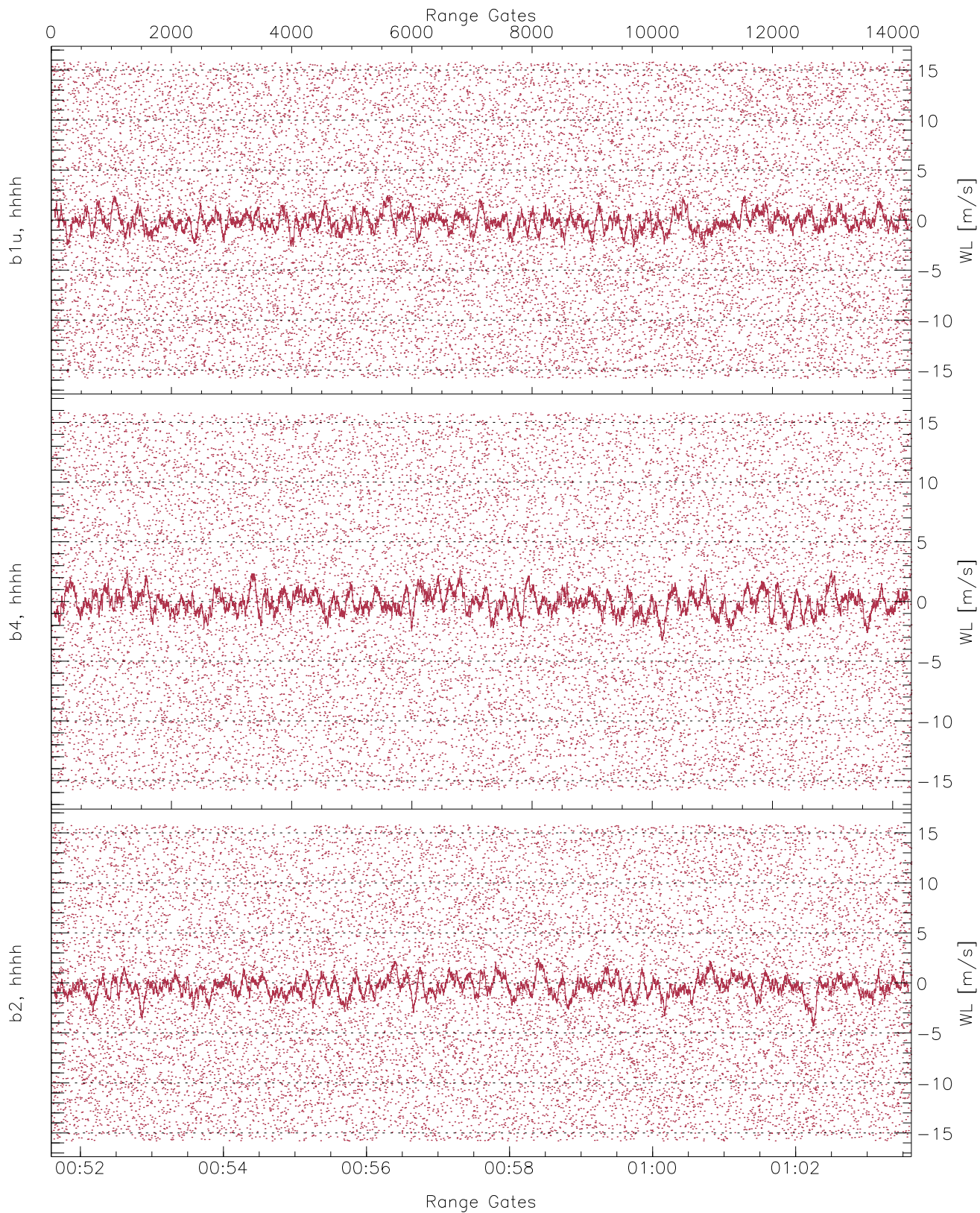
	Min	Max	Mean	Median	StDev
H1RG262_0 [dBm]	-63.75	-61.70	-62.62	-62.63	-75.12
H2RG175_0 [dBm]	-63.26	-61.25	-62.17	-62.17	-74.71
V2RG174_0 [dBm]	-63.84	-61.85	-62.81	-62.81	-75.33



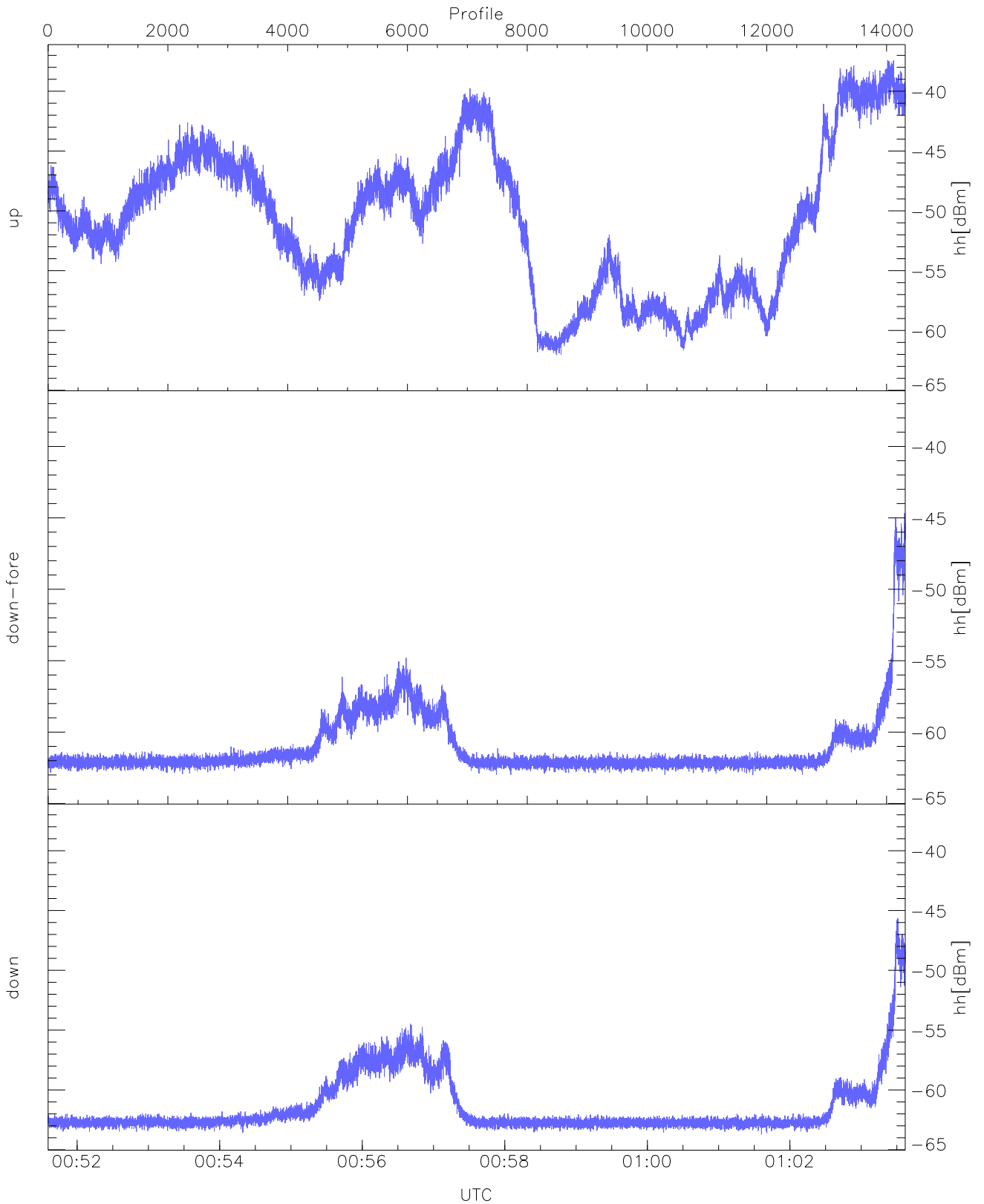
WCR2 CPP Averaged Received power for all recorded gates
blue: 005136-005736, 7157 profiles averaged
red: 005736-010337, 7157 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 005136-005736, 7157 profiles averaged
red: 005736-010337, 7157 profiles averaged

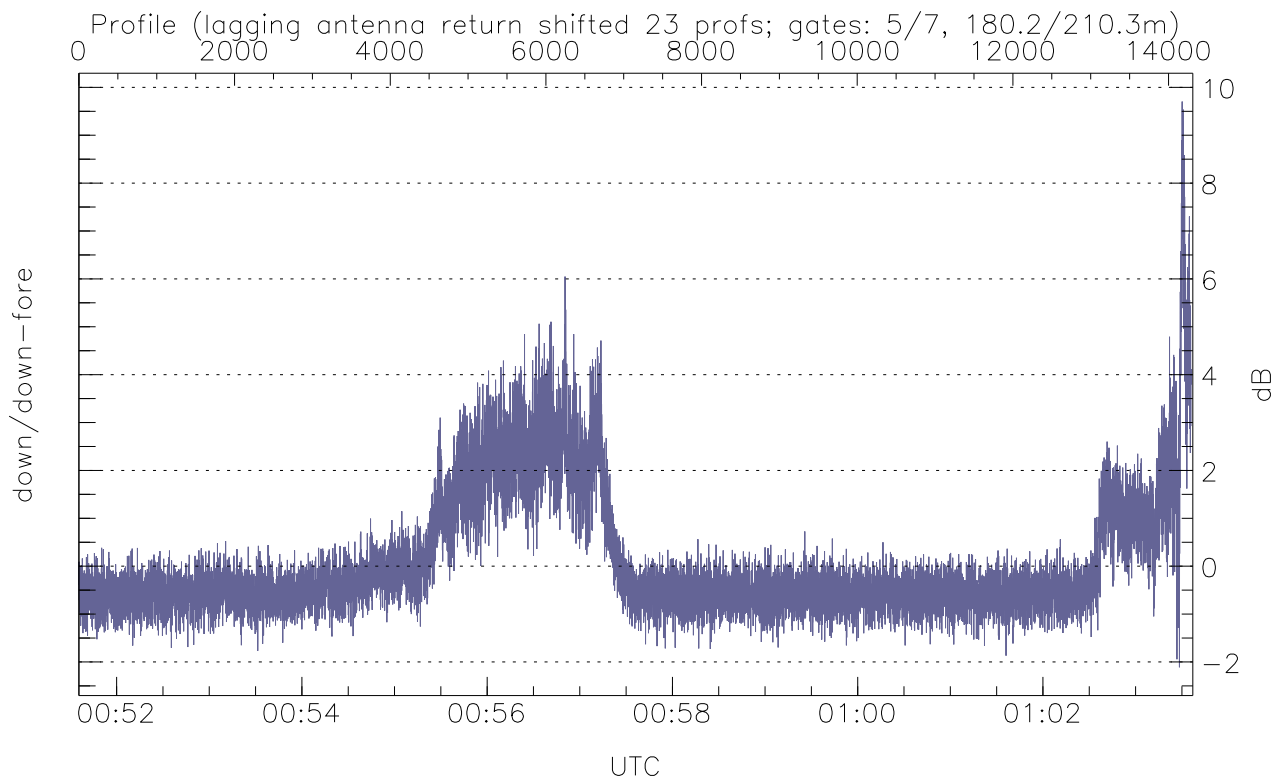
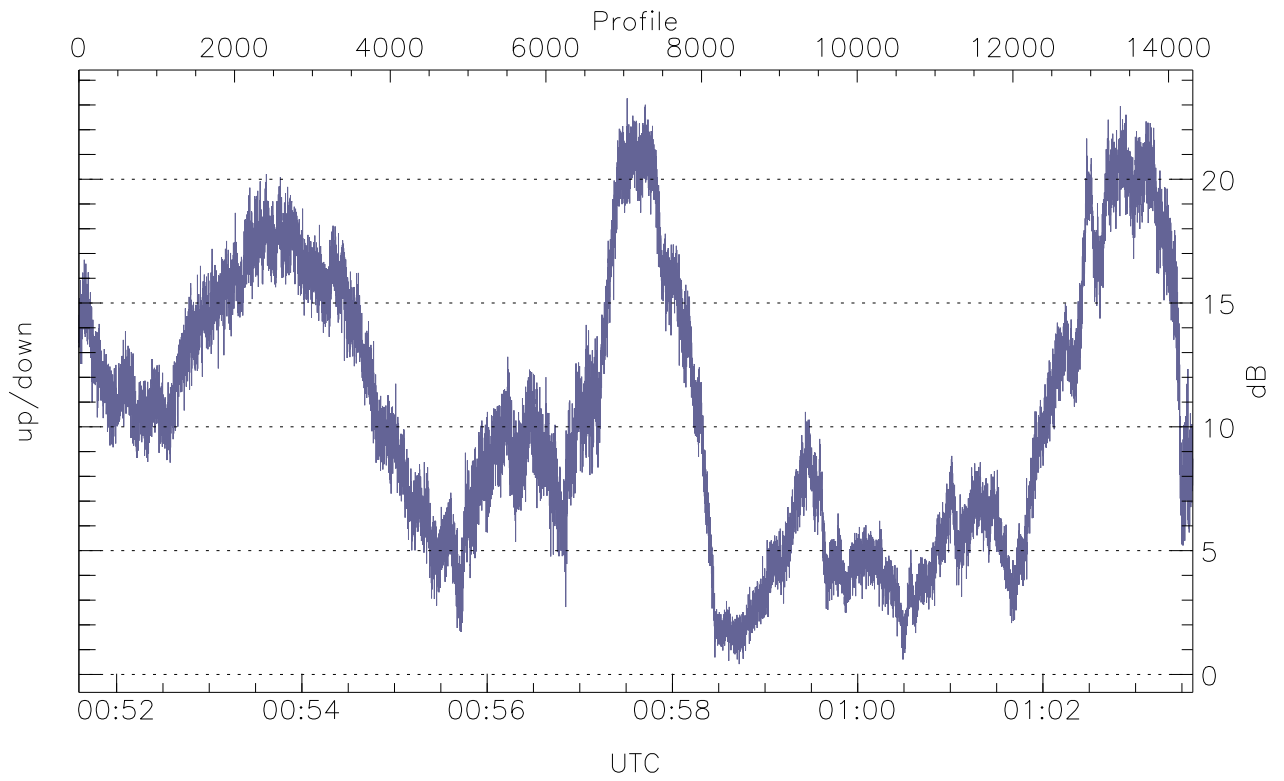


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



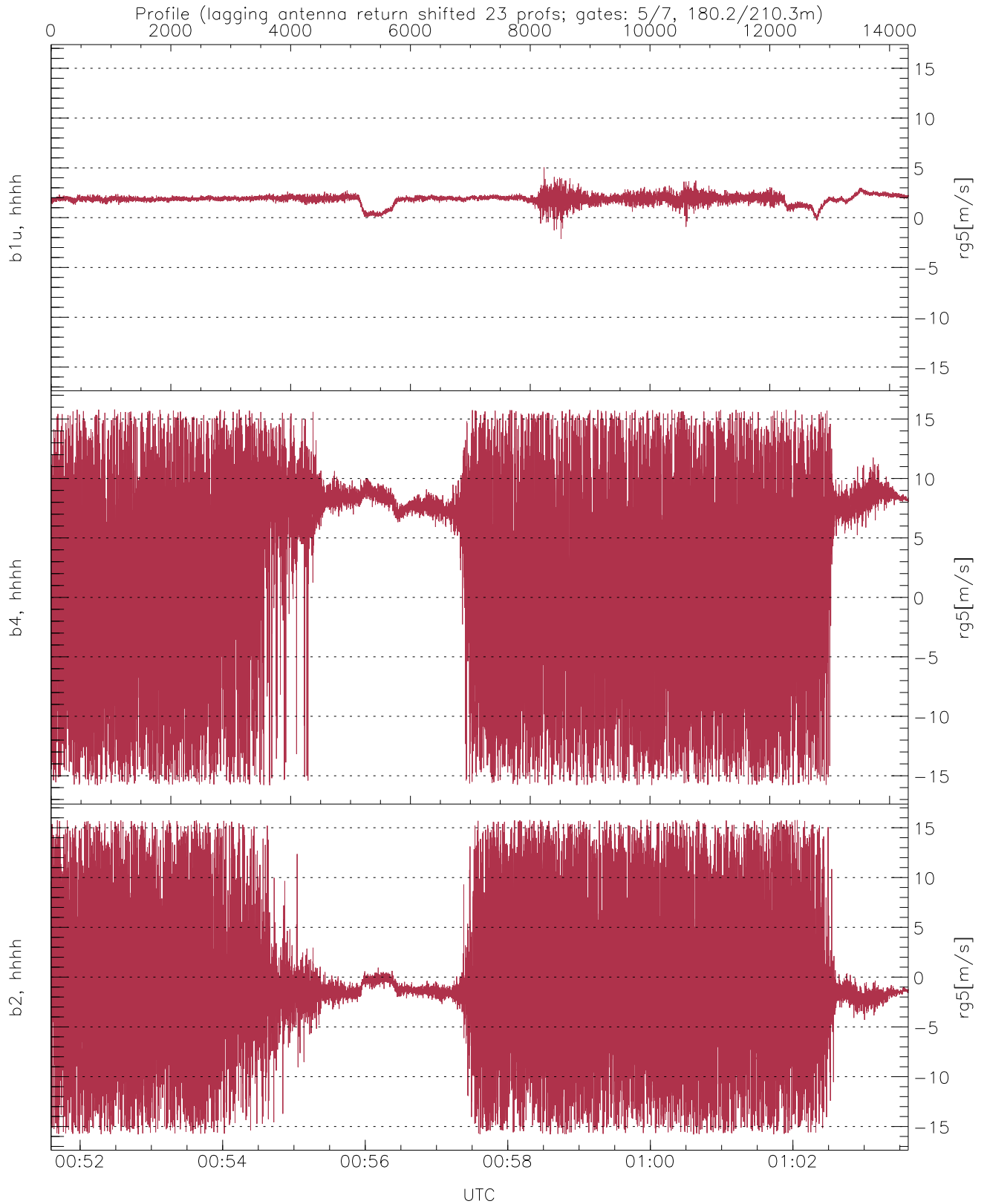
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-62.04	-37.41	-46.98
down-fore(hh[dBm])	-63.01	-44.67	-59.84
down(hh[dBm])	-63.72	-45.67	-60.17



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

	Min	Max	Mean
up/down (dB)	0.42	23.27	10.64
down/down-fore (dB)	-2.11	9.70	0.10



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.12	5.04	1.84	0.46
b4, hhhh(rg5[m/s])	-15.80	15.80	2.96	8.23
b2, hhhh(rg5[m/s])	-15.79	15.80	-0.80	7.16