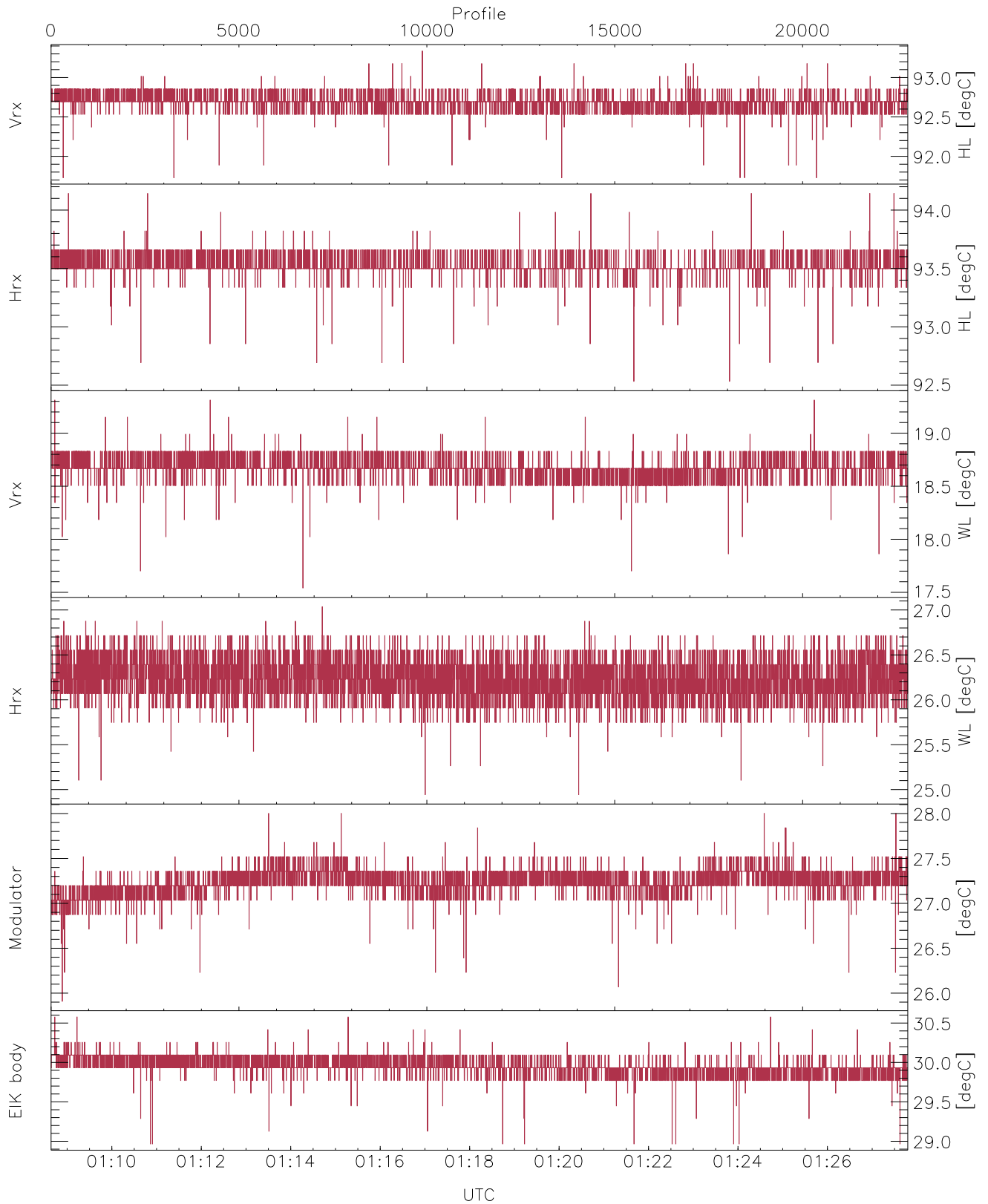


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

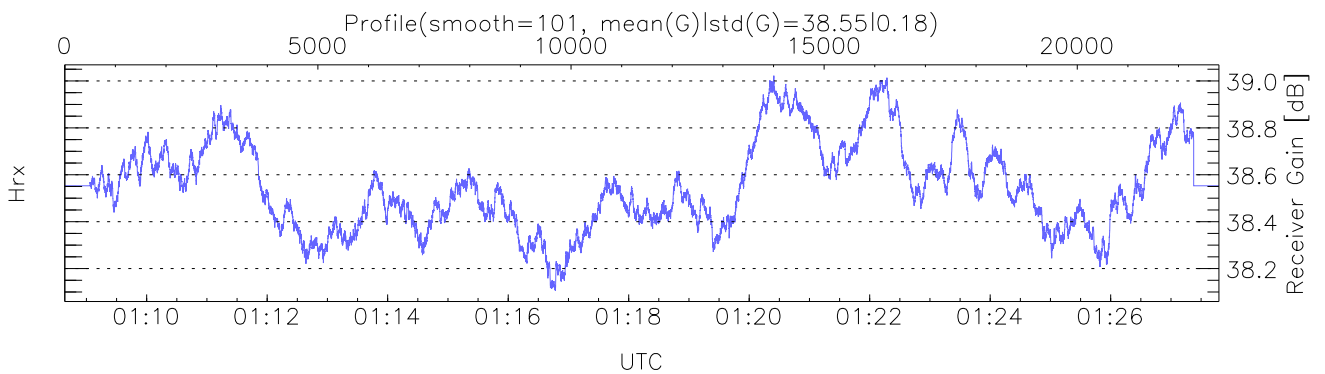
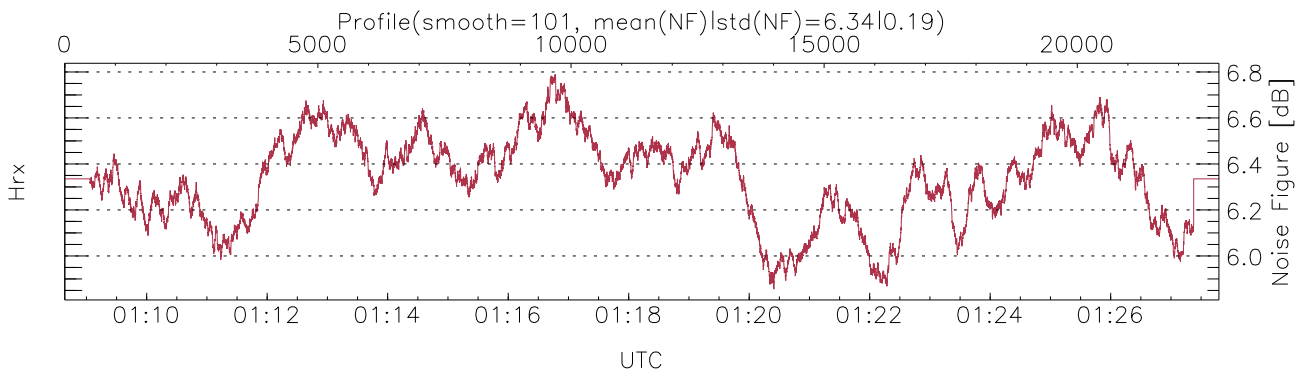
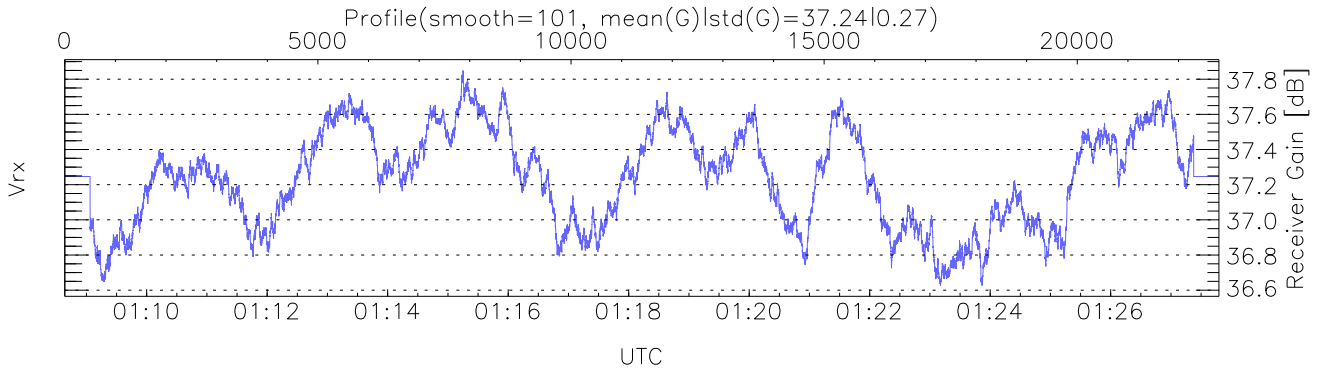
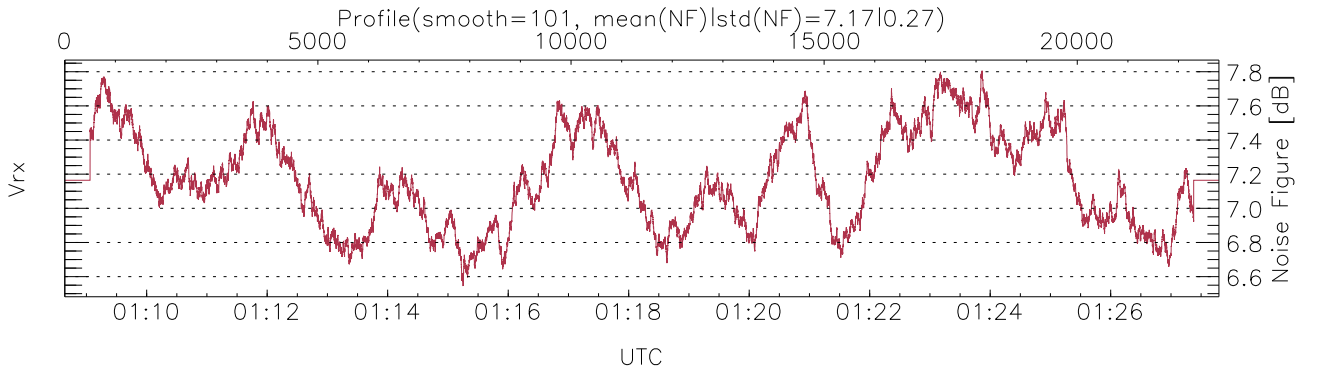
UTC: 01:08:38-01:44:37, Dur: 2158.36s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22800/42815, 0-22799/01:08:38-01:27:48
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

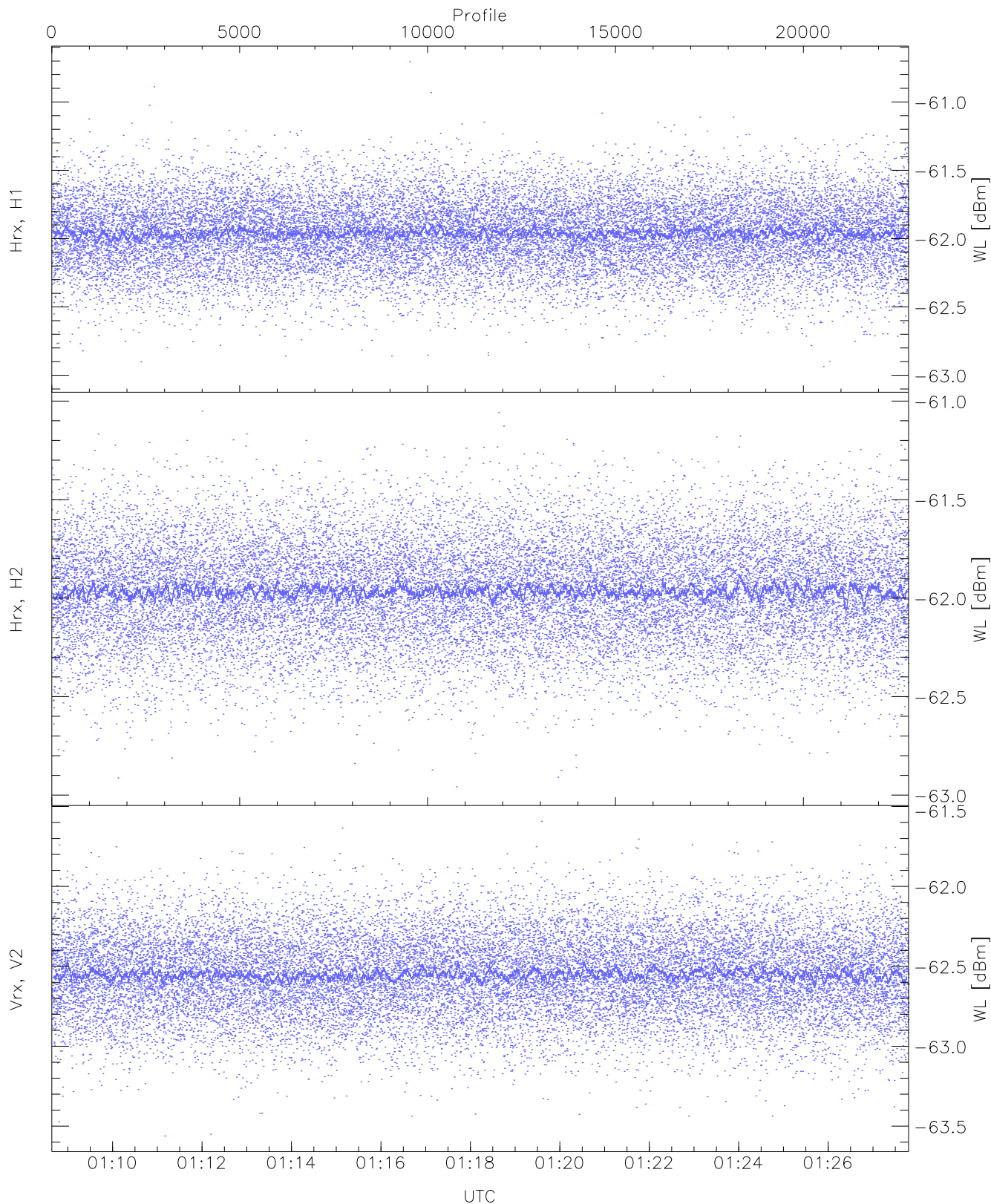
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,24,25,28`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,19,27,28,30`
`LOalarm(20,80,240,2.8,14.8 MHz): None`

`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (25,25,35,35,30,10)`



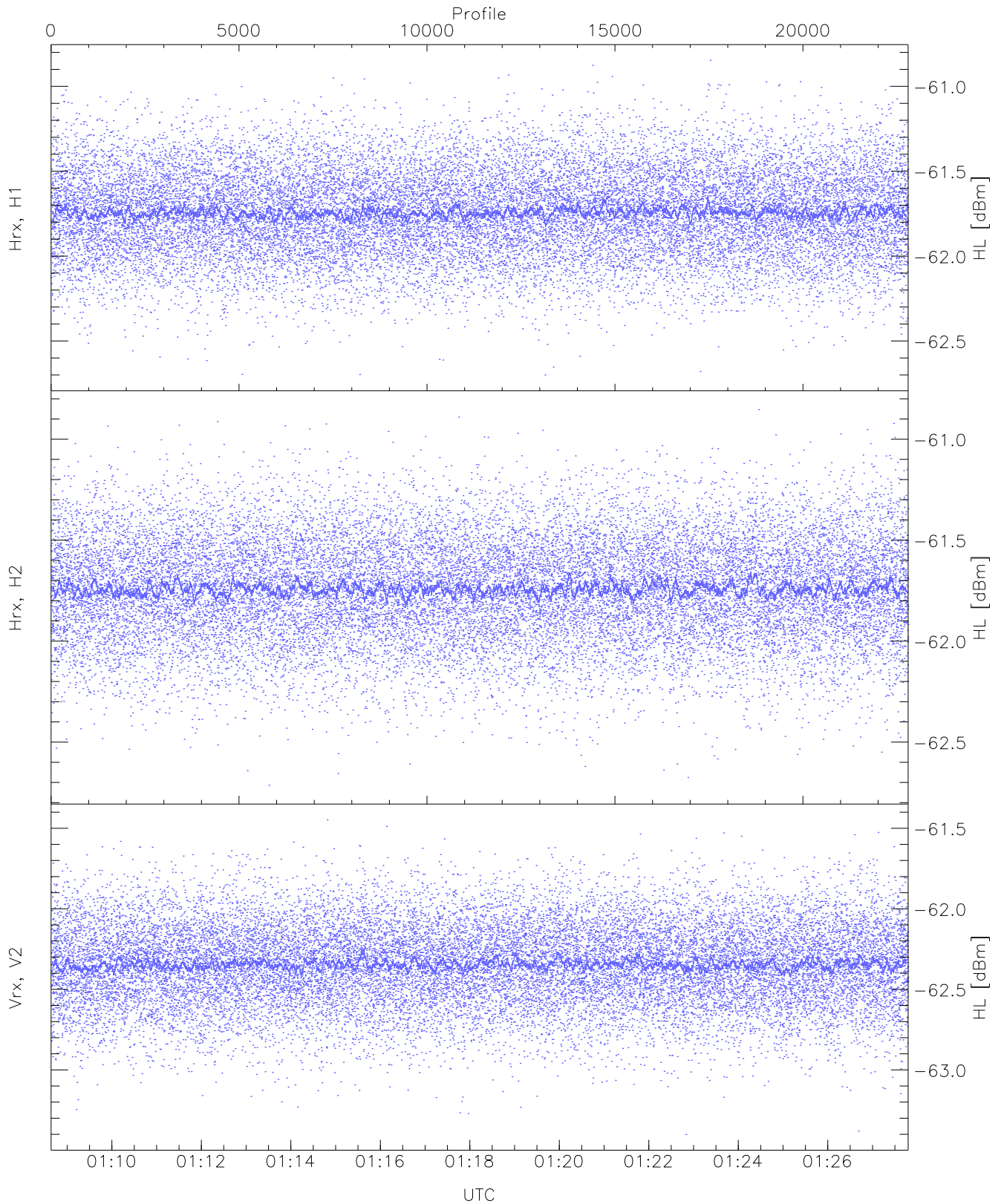
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 3070 pixs, 17 gates, 3056 profs, 2 prods



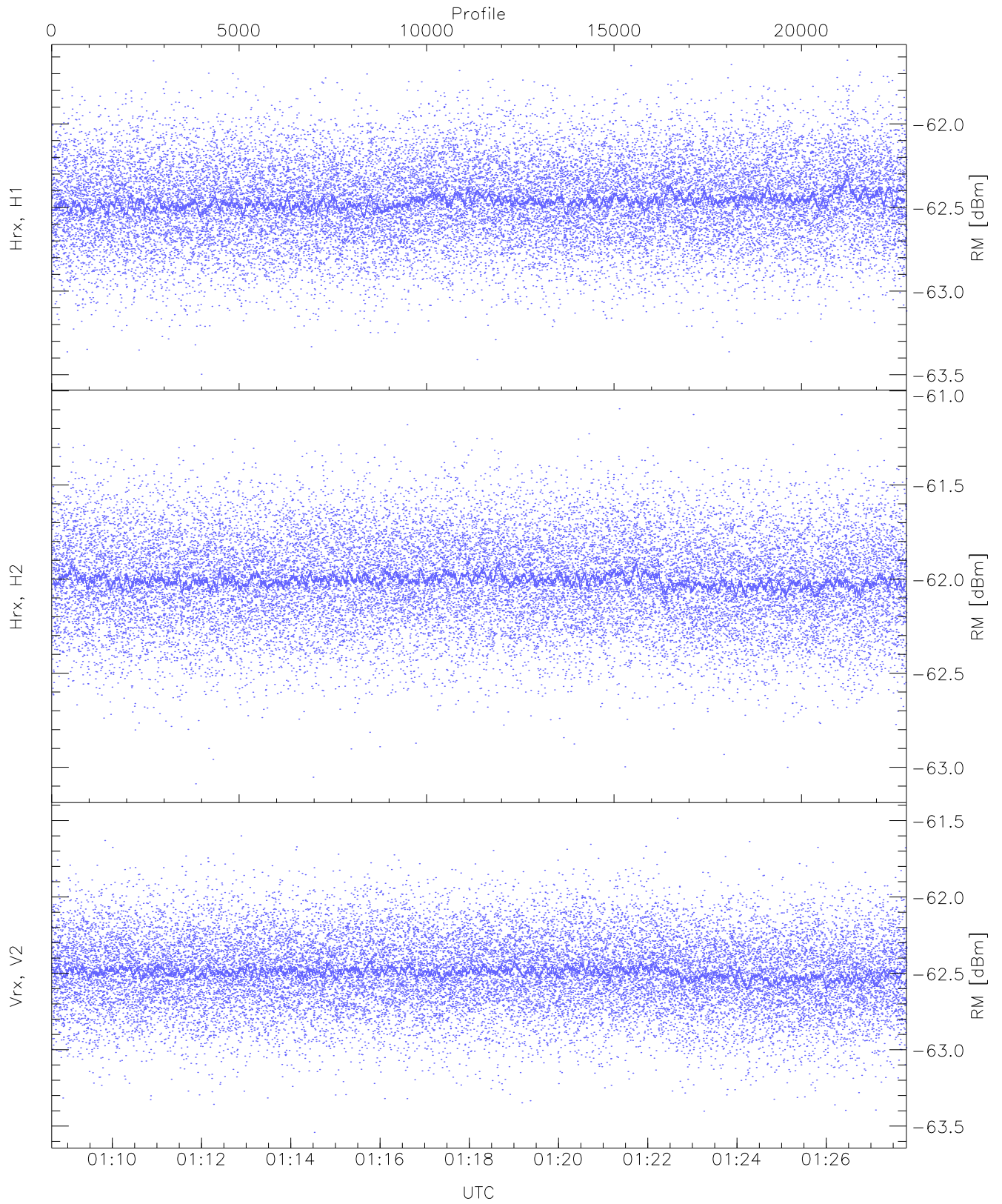
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.01	-60.71	-61.96	-61.96	-74.51
Hrx, H2(WL [dBm])	-62.96	-61.05	-61.96	-61.96	-74.55
Vrx, V2(WL [dBm])	-63.56	-61.59	-62.55	-62.55	-75.13



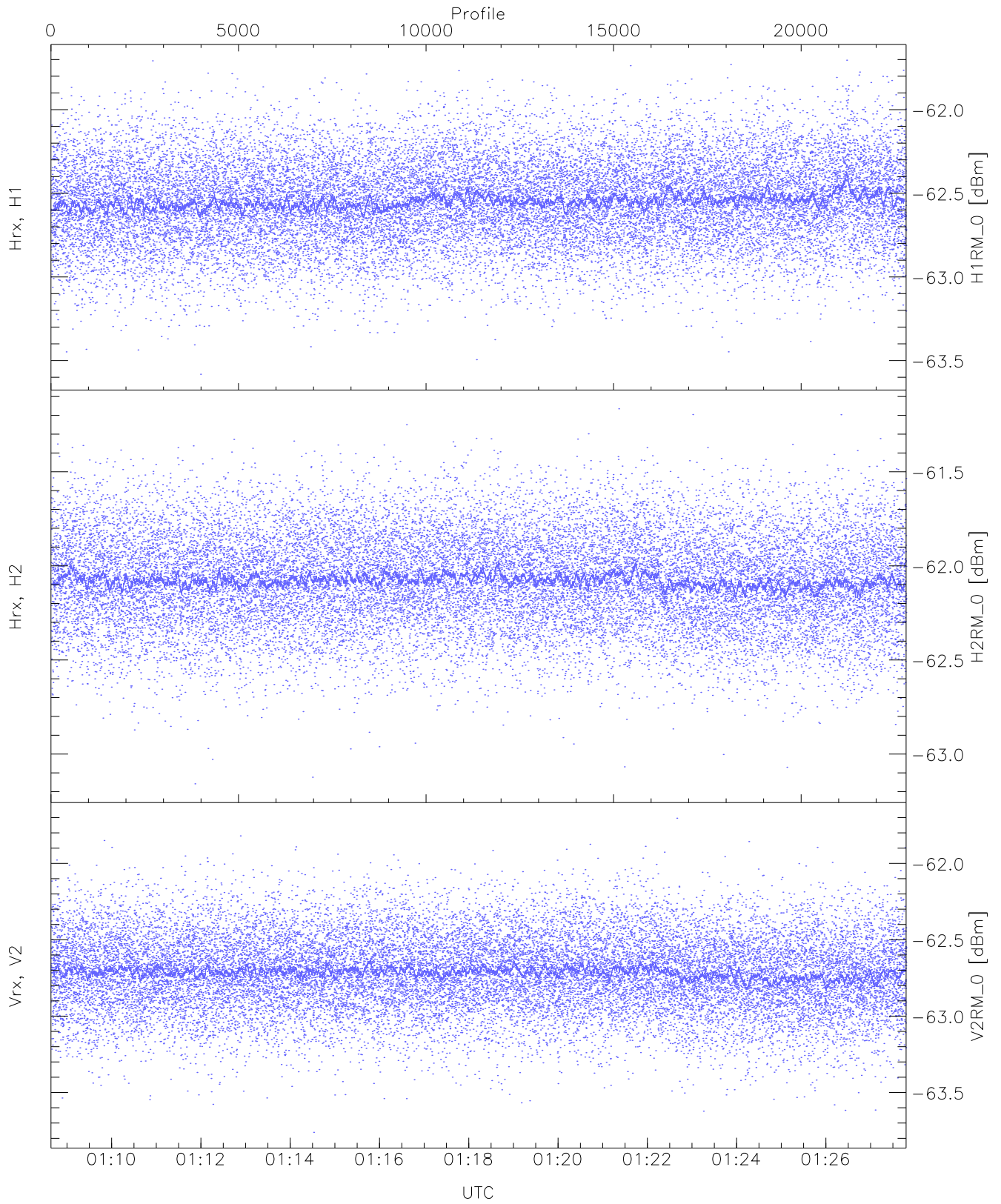
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.70	-60.85	-61.74	-61.74	-74.30
Hrx, H2 (HL [dBm])	-62.71	-60.85	-61.74	-61.74	-74.31
Vrx, V2 (HL [dBm])	-63.40	-61.45	-62.34	-62.35	-74.91



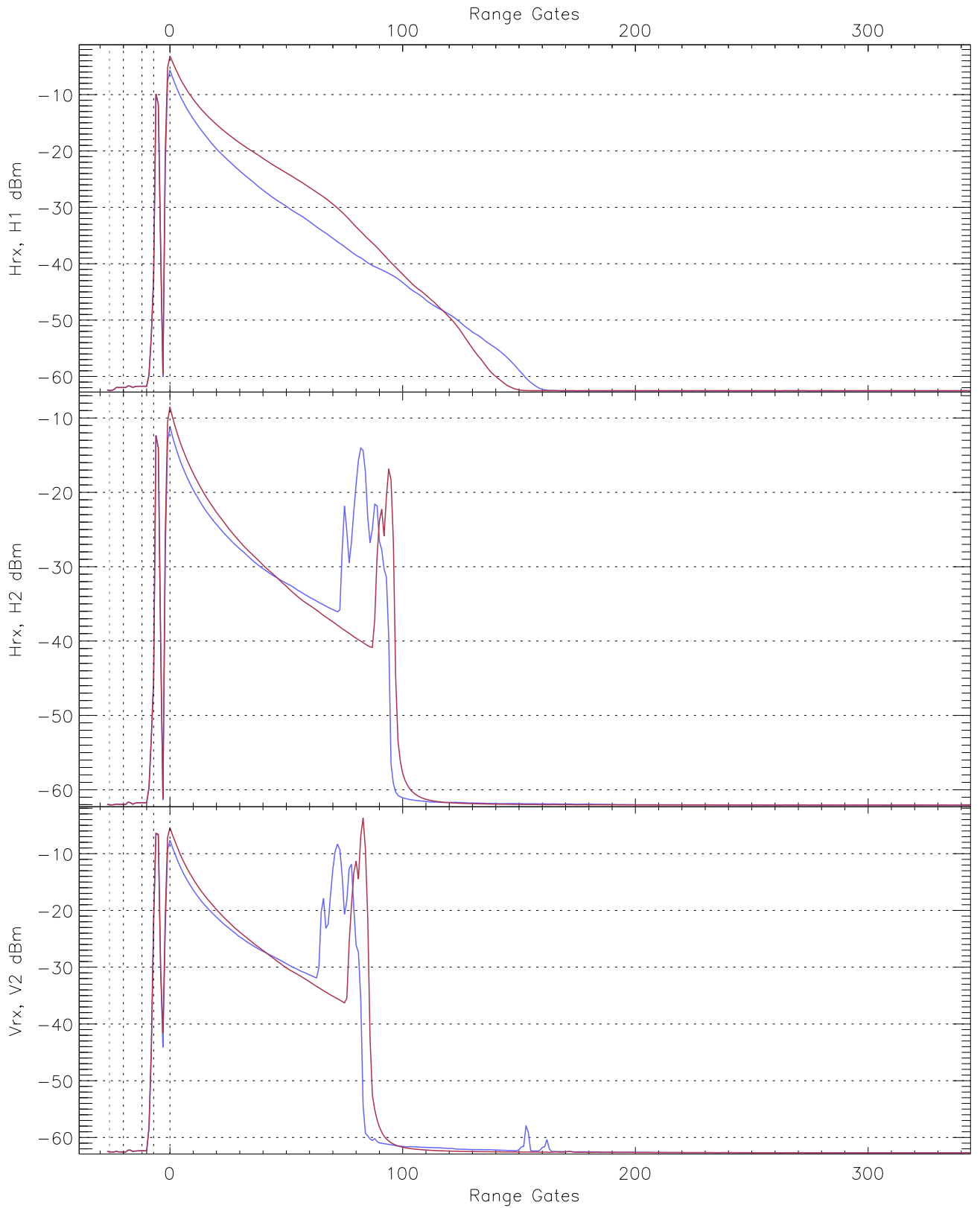
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.50	-61.62	-62.46	-62.46	-74.99
Hrx, H2(RM [dBm])	-63.09	-61.09	-62.00	-62.01	-74.59
Vrx, V2(RM [dBm])	-63.54	-61.48	-62.49	-62.50	-75.04

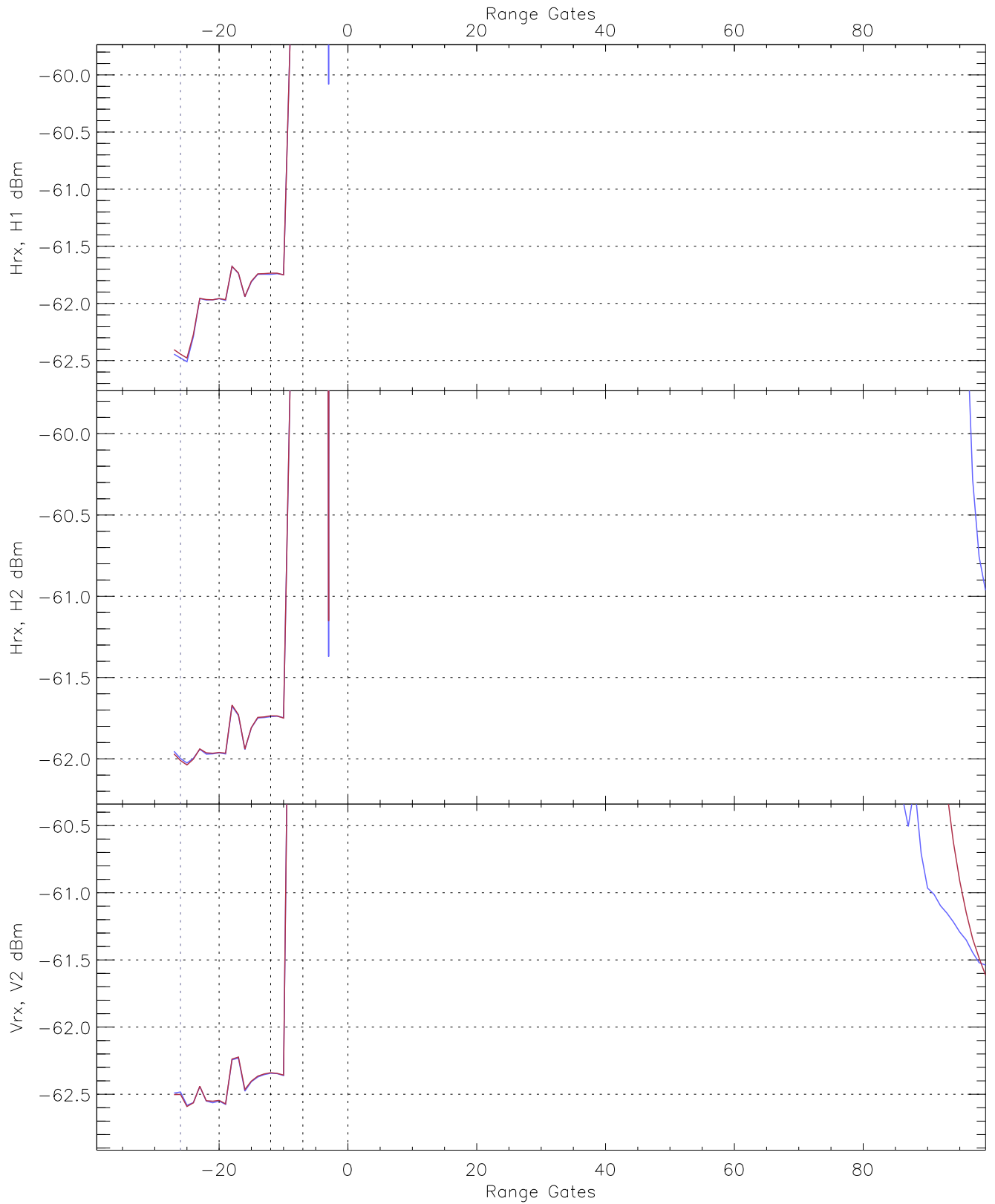


WCR2 CPP "Best" estimate Receivers Noise Power

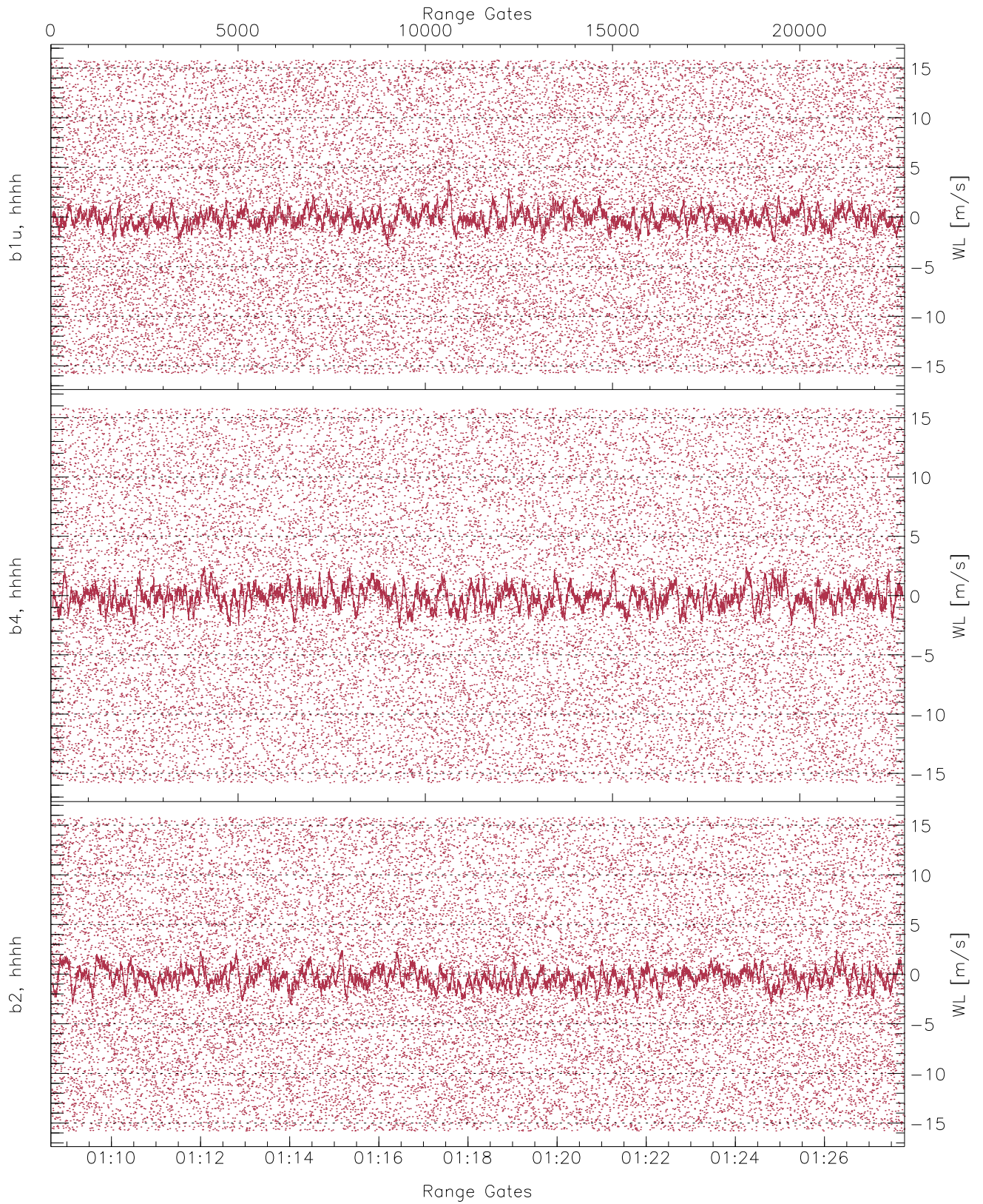
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-63.58	-61.70	-62.55	-62.55	-75.07
H2RM_0 [dBm]	-63.16	-61.16	-62.07	-62.08	-74.66
V2RM_0 [dBm]	-63.76	-61.70	-62.71	-62.72	-75.26



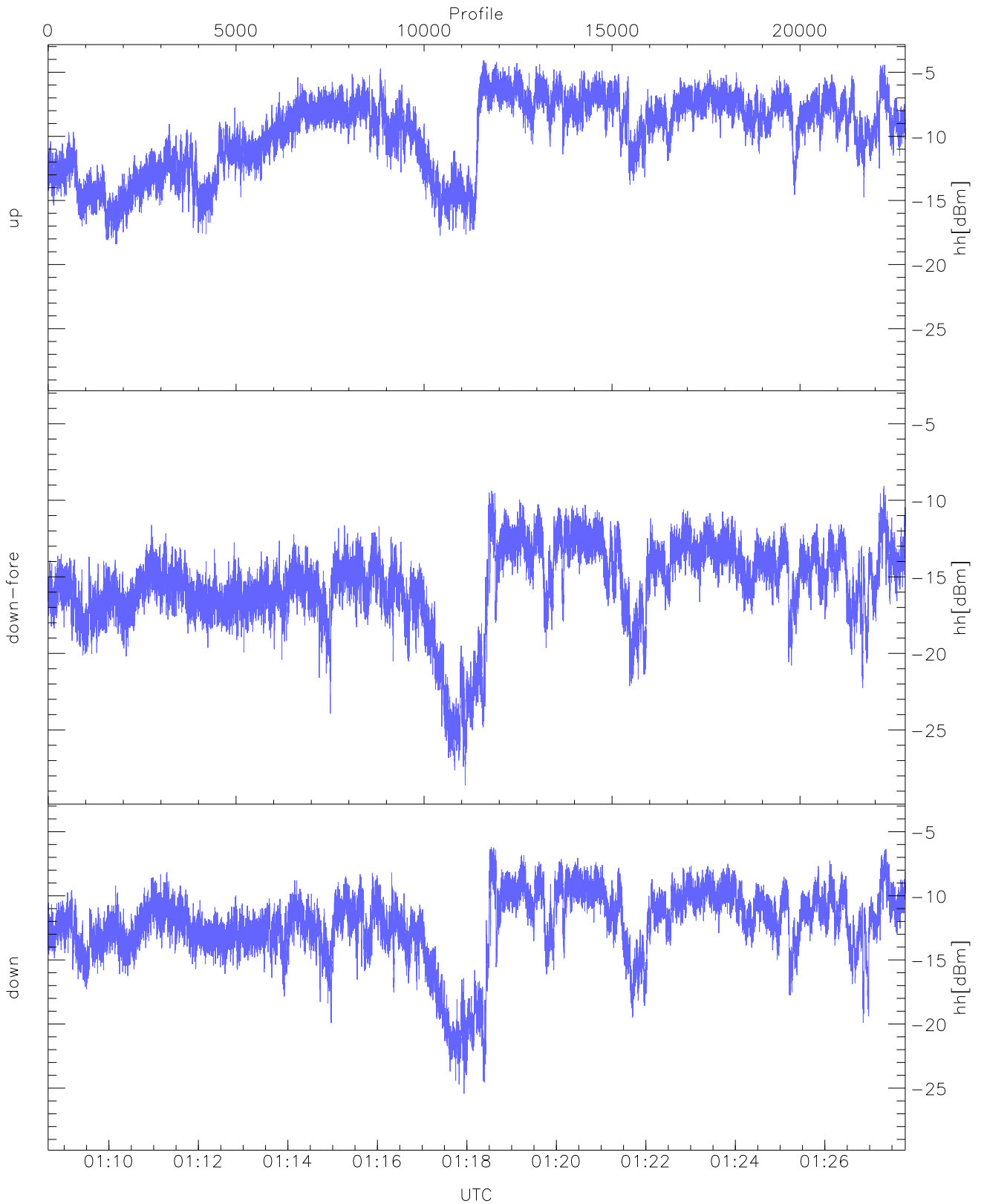
WCR2 CPP Averaged Received power for all recorded gates
blue: 010838-011813, 11401 profiles averaged
red: 011813-012748, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 010838-011813, 11401 profiles averaged
red: 011813-012748, 11400 profiles averaged

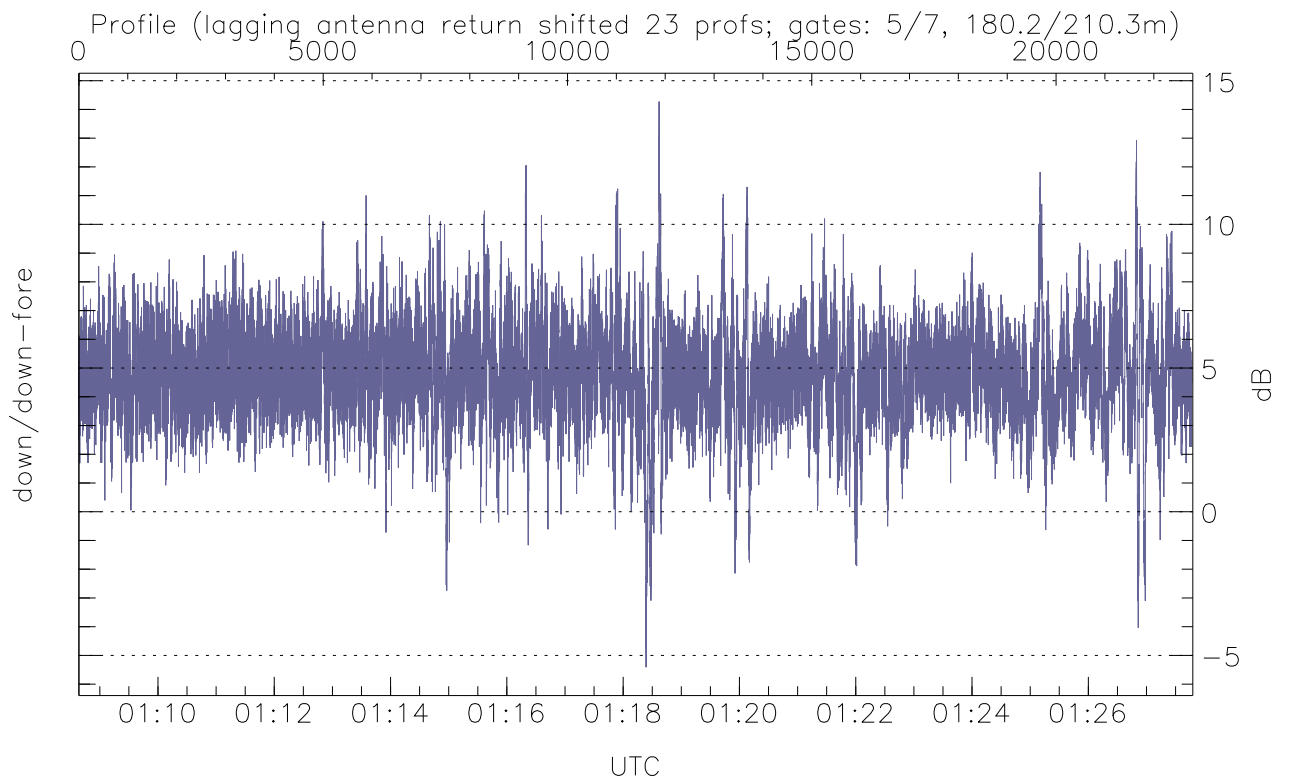
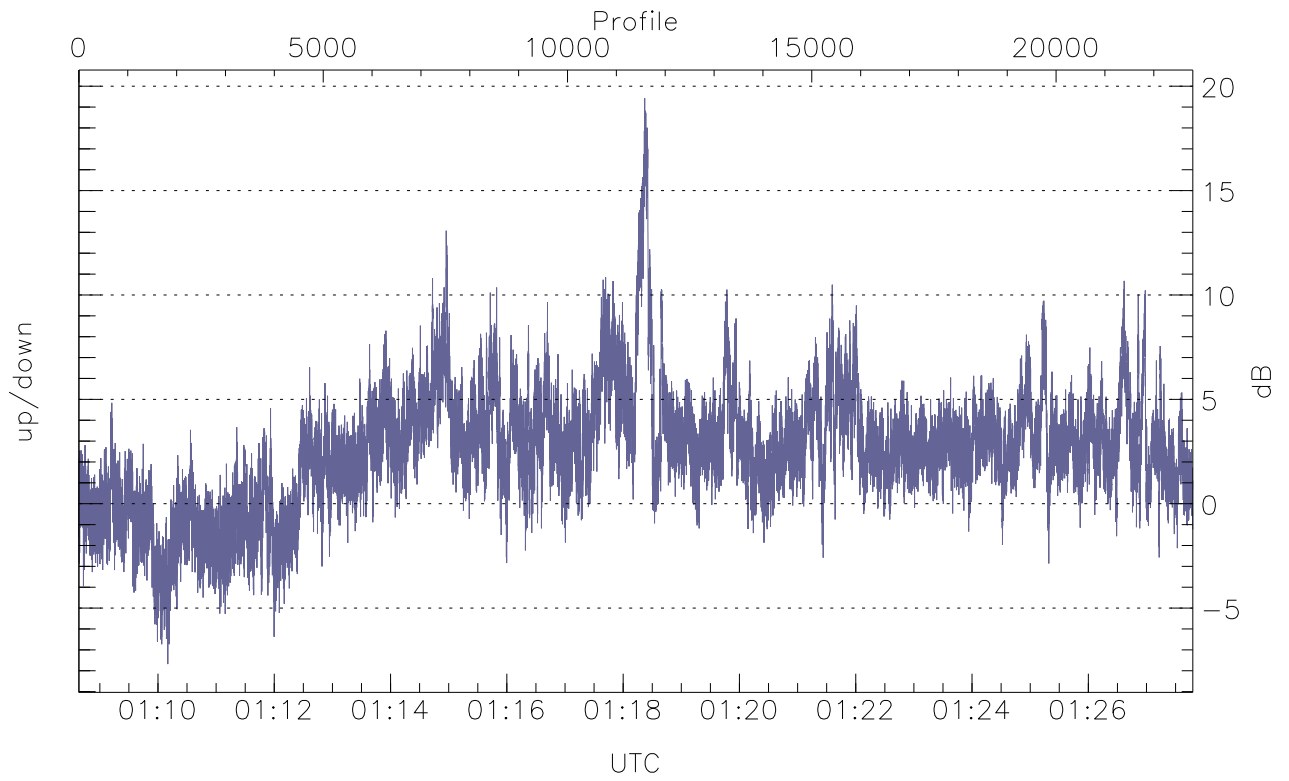


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



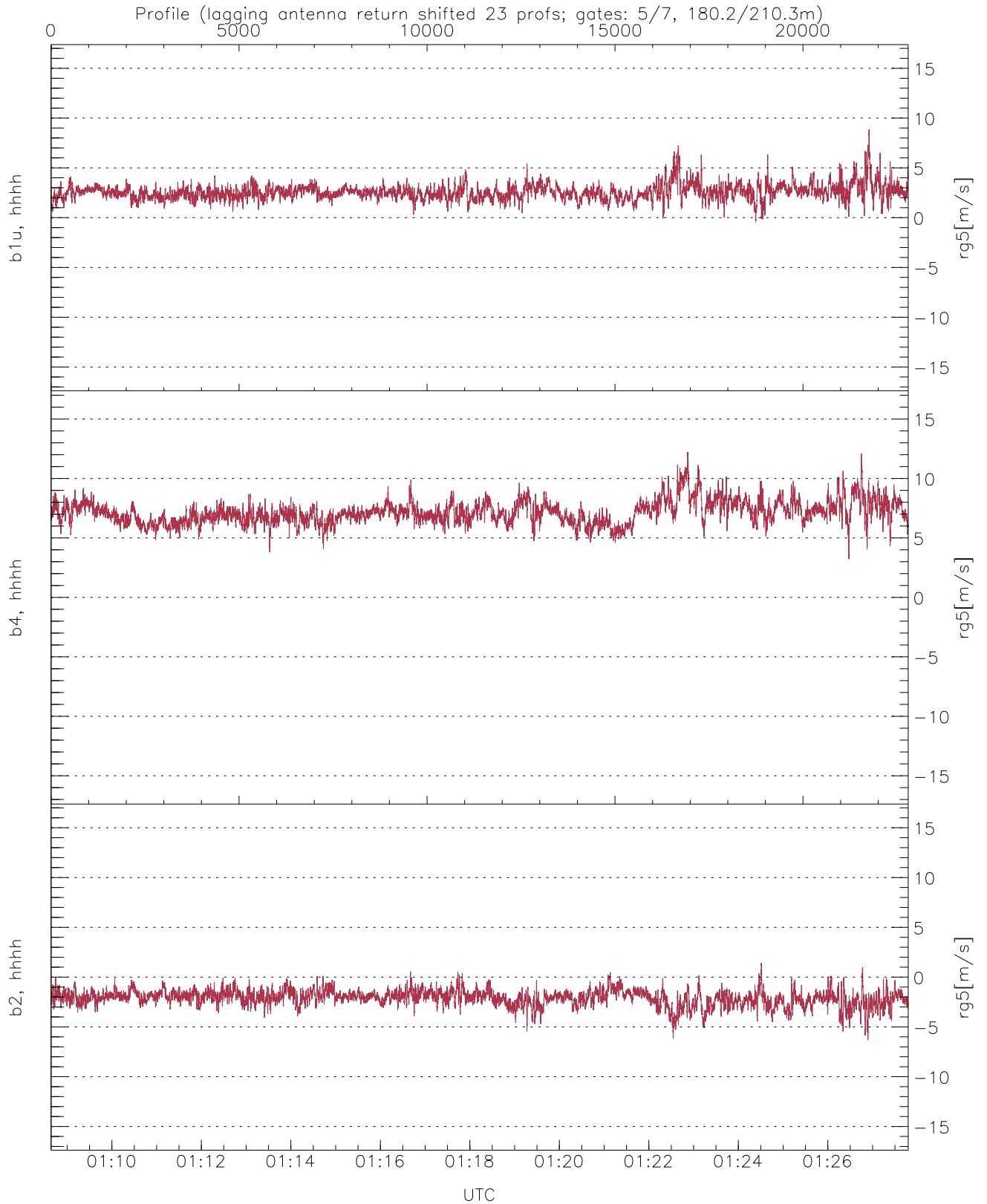
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-18.39	-4.07	-8.89
down-fore(hh[dBm])	-28.61	-9.06	-14.83
down(hh[dBm])	-25.44	-6.21	-11.59



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

	Min	Max	Mean
up/down (dB)	-7.68	19.42	2.56
down/down-fore (dB)	-5.41	14.28	4.80



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.44	8.88	2.58	0.79
b4, hhhh(rg5[m/s])	3.23	12.23	7.15	0.98
b2, hhhh(rg5[m/s])	-6.33	1.44	-2.10	0.80