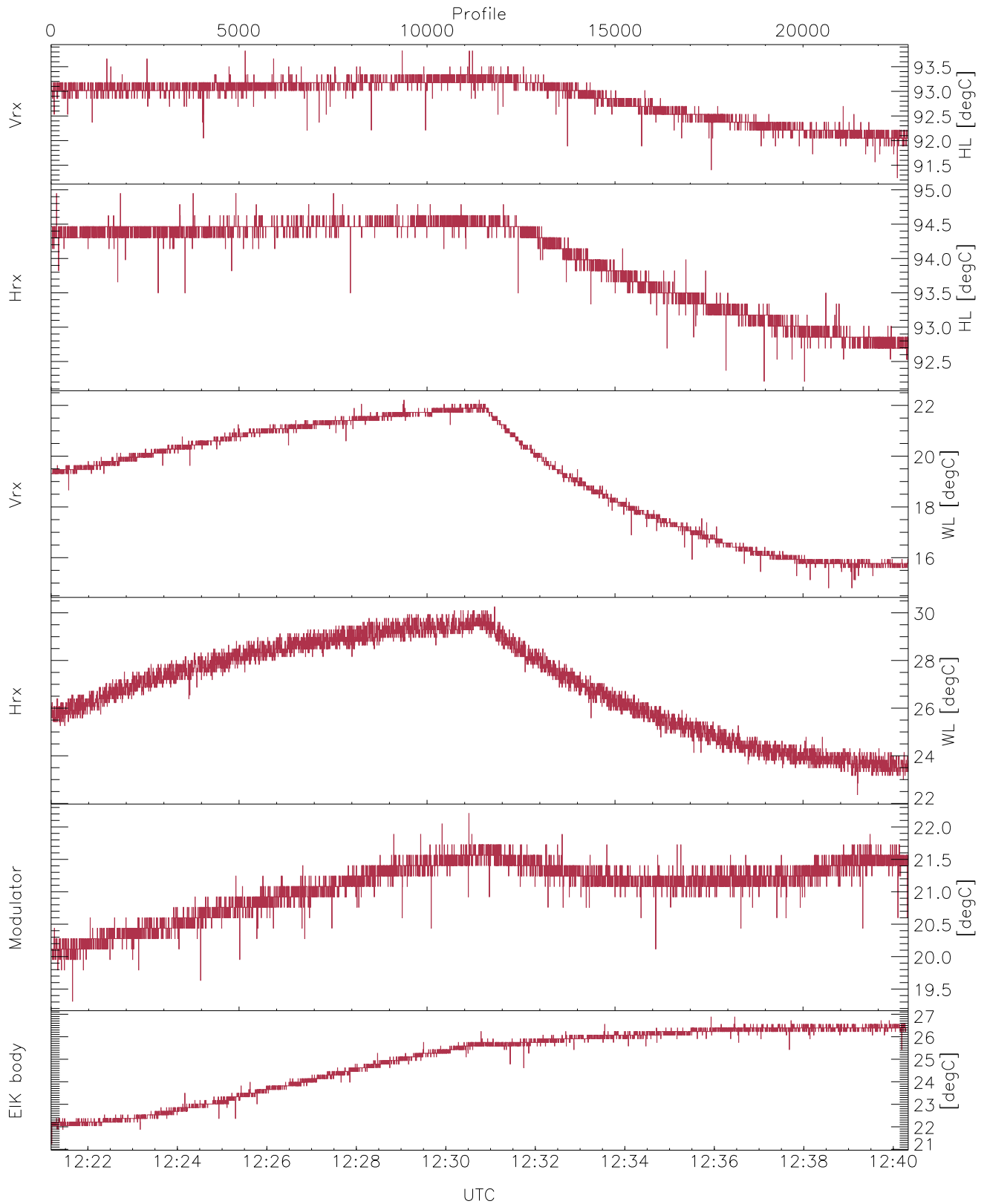


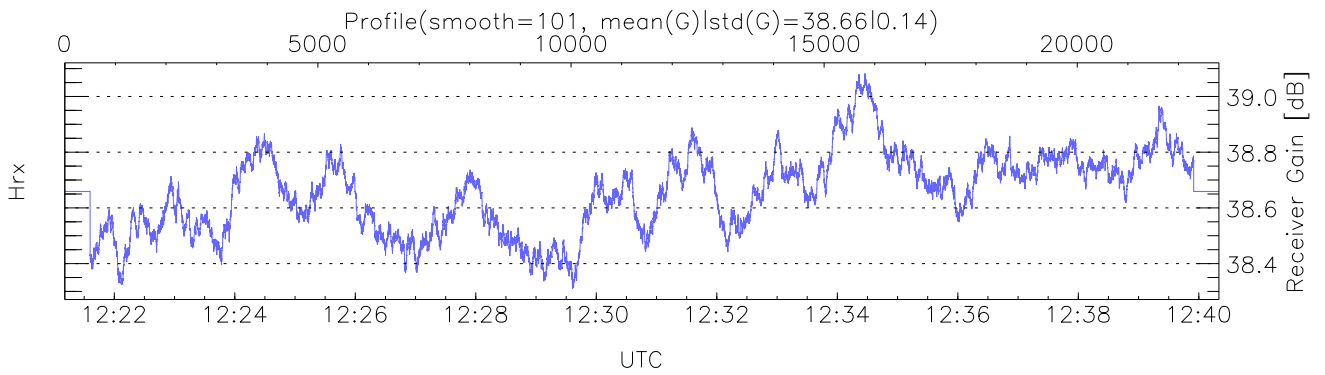
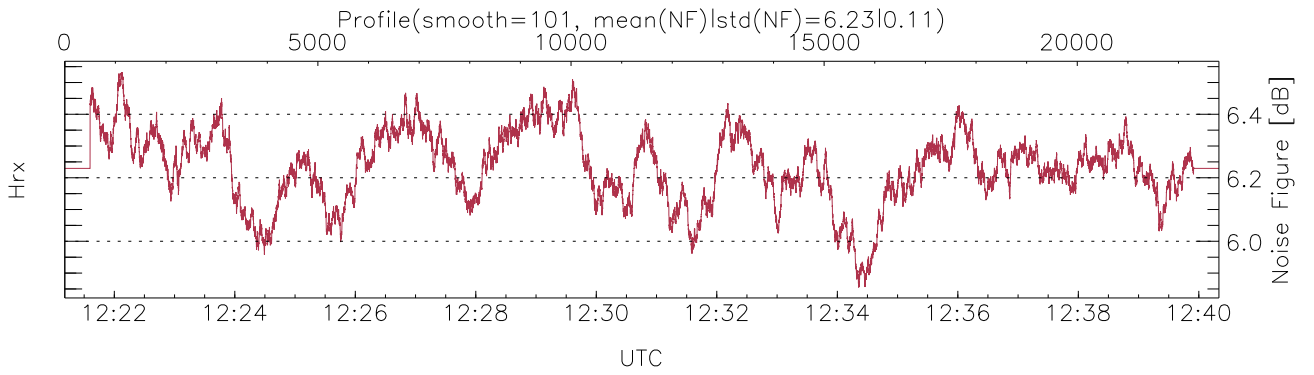
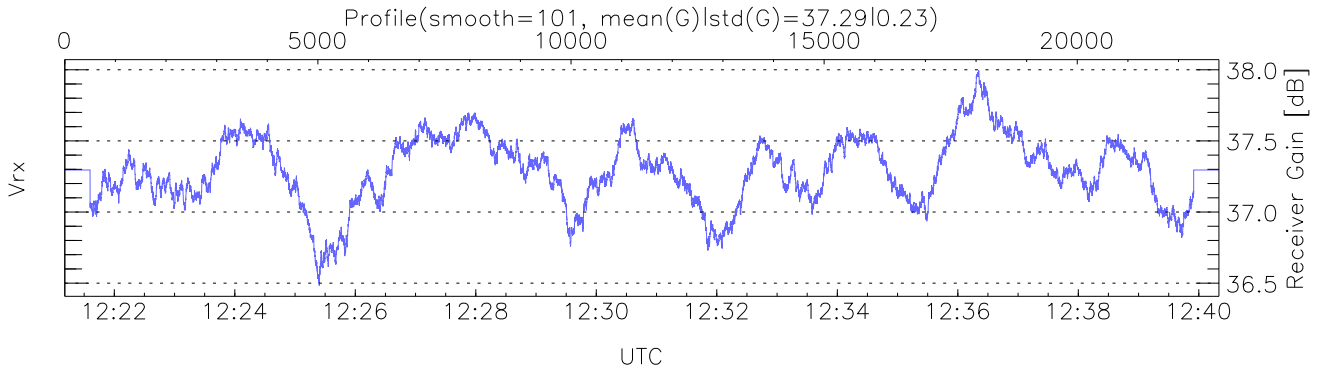
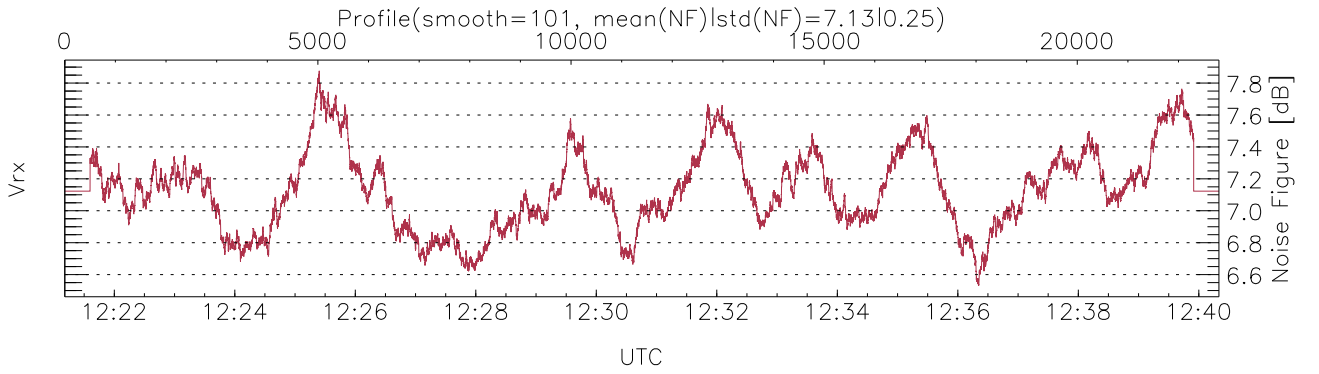
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 12:21:11-12:50:08, Dur: 1736.82s
 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): 22800/34453, 0-22799/12:21:11-12:40:20
 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



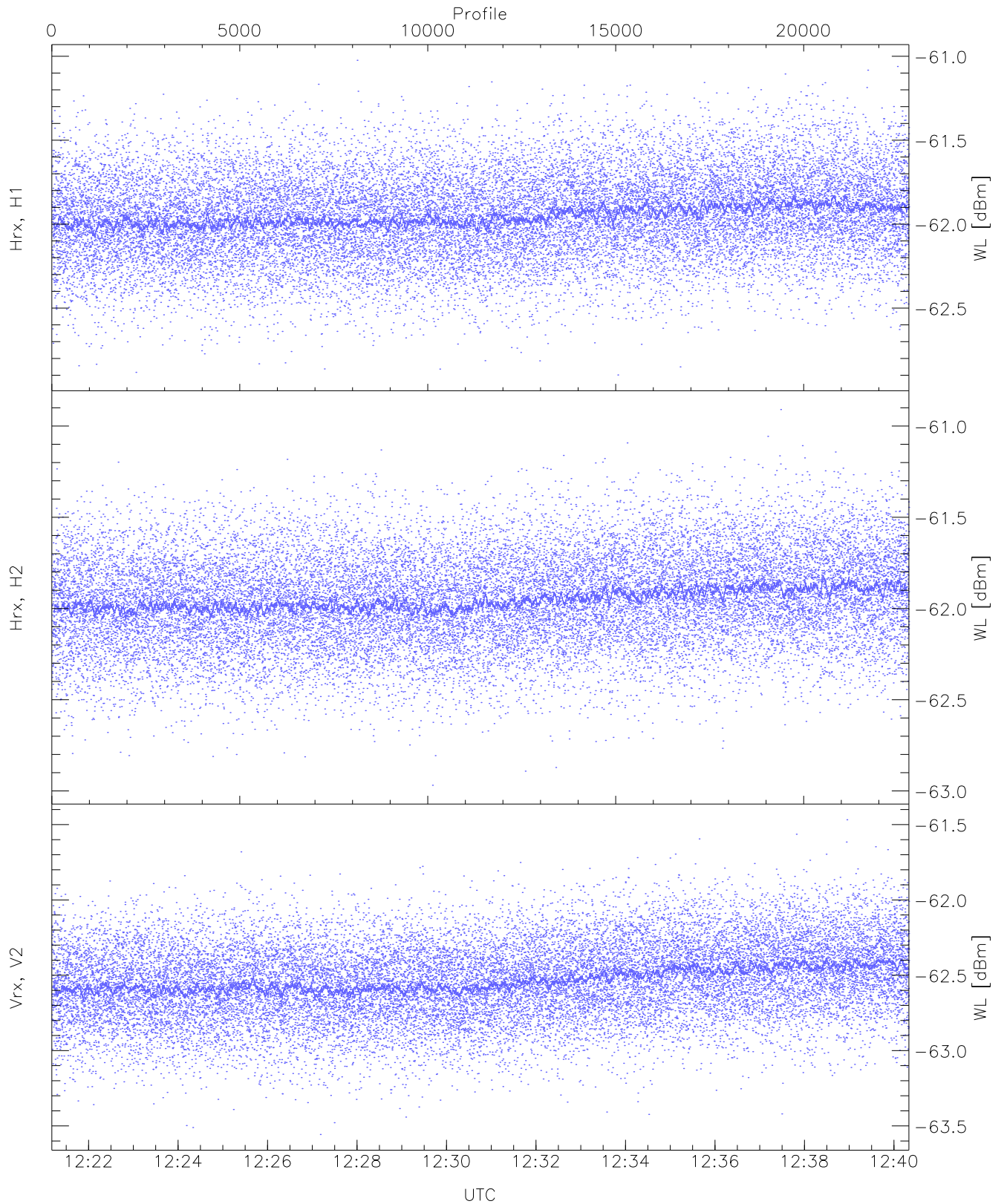
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,14,22,19,21`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,22,30,22,26`
`LOalarm(20,80,240,2.8,14.8 MHz): None`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (11,11,11,11,11,22)`



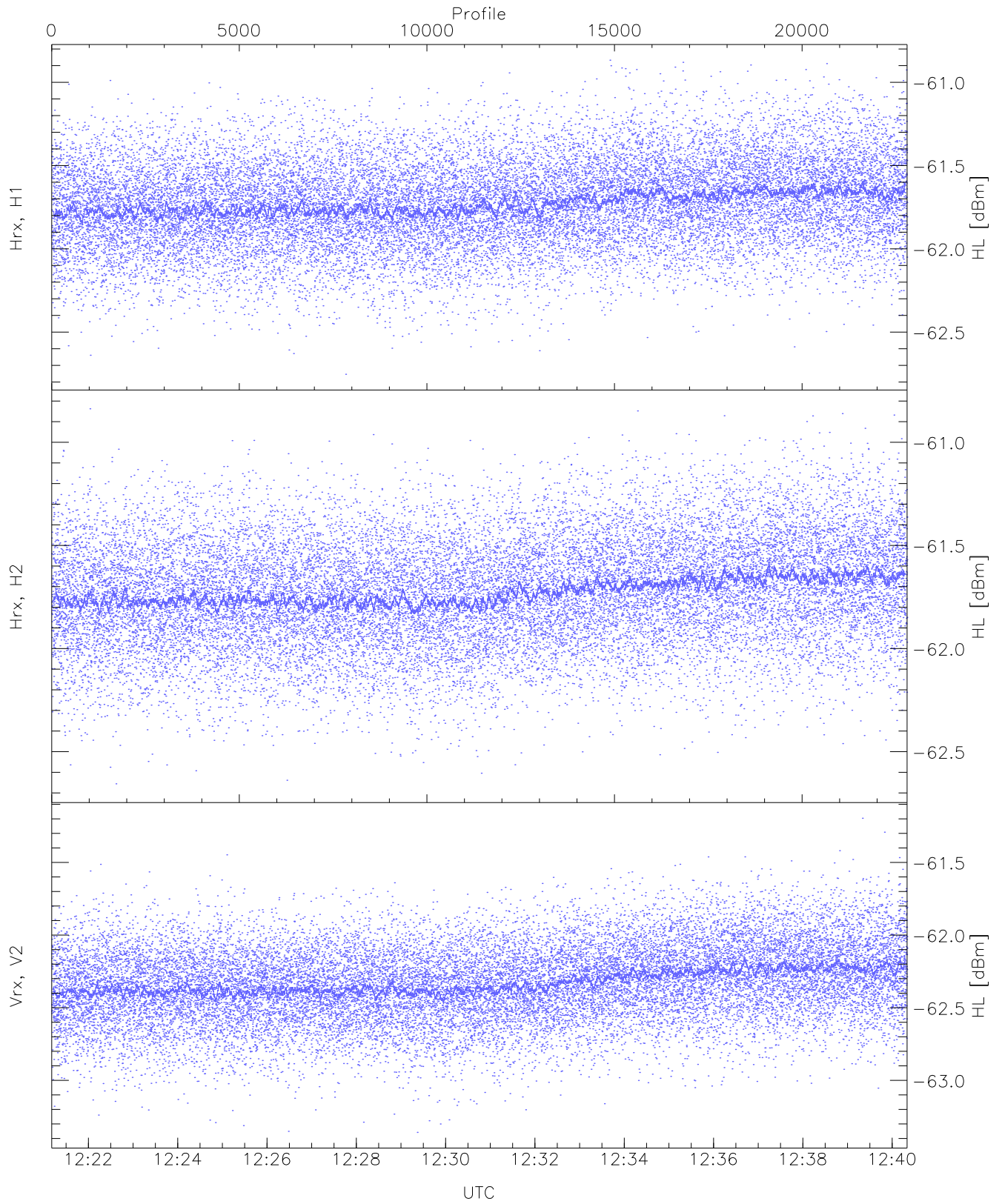
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 7184 pixs, 88 gates, 5093 profs, 2 prods



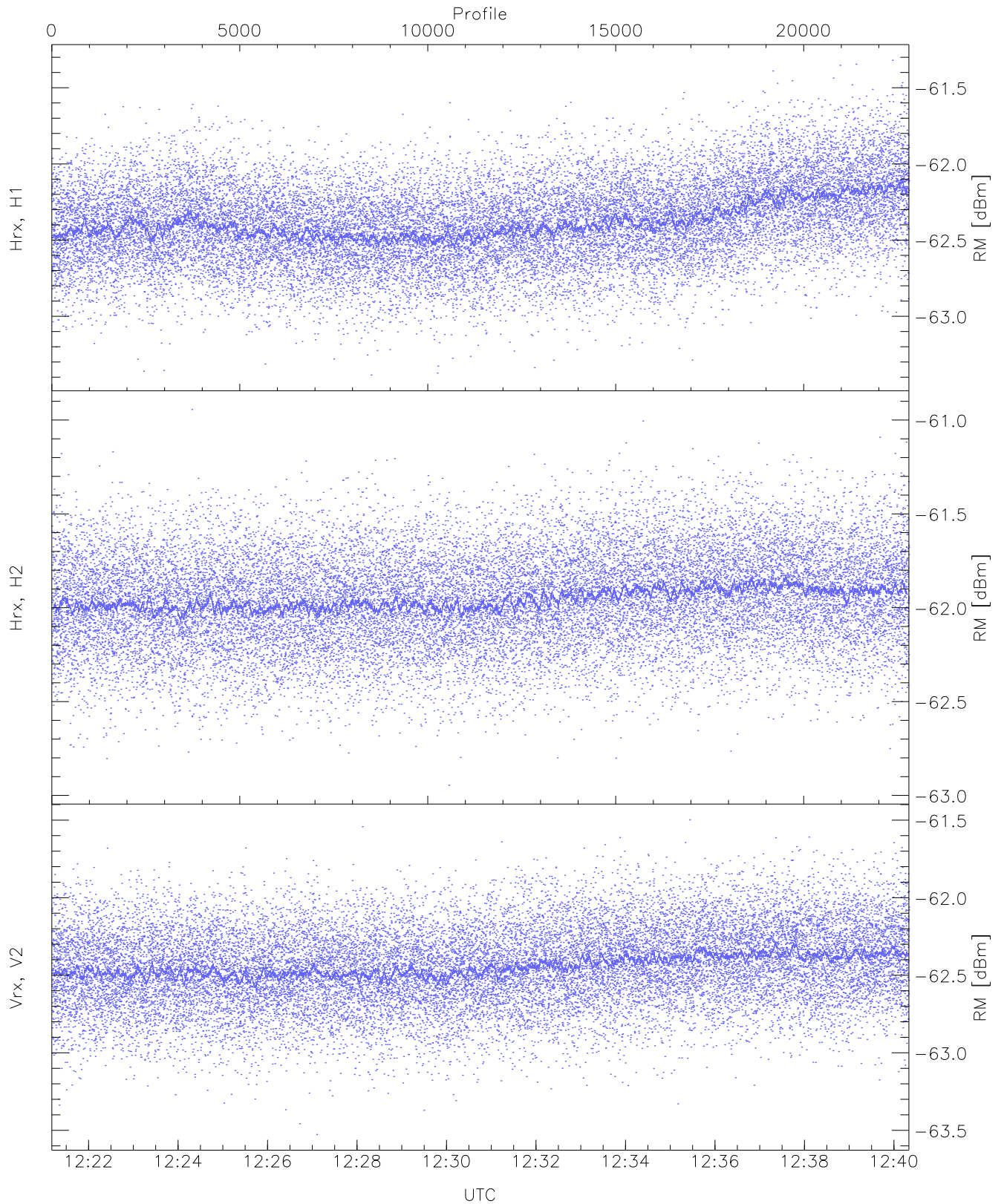
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.90	-61.02	-61.95	-61.96	-74.43
Hrx, H2 (WL [dBm])	-62.97	-60.91	-61.95	-61.95	-74.44
Vrx, V2 (WL [dBm])	-63.56	-61.47	-62.53	-62.53	-74.95



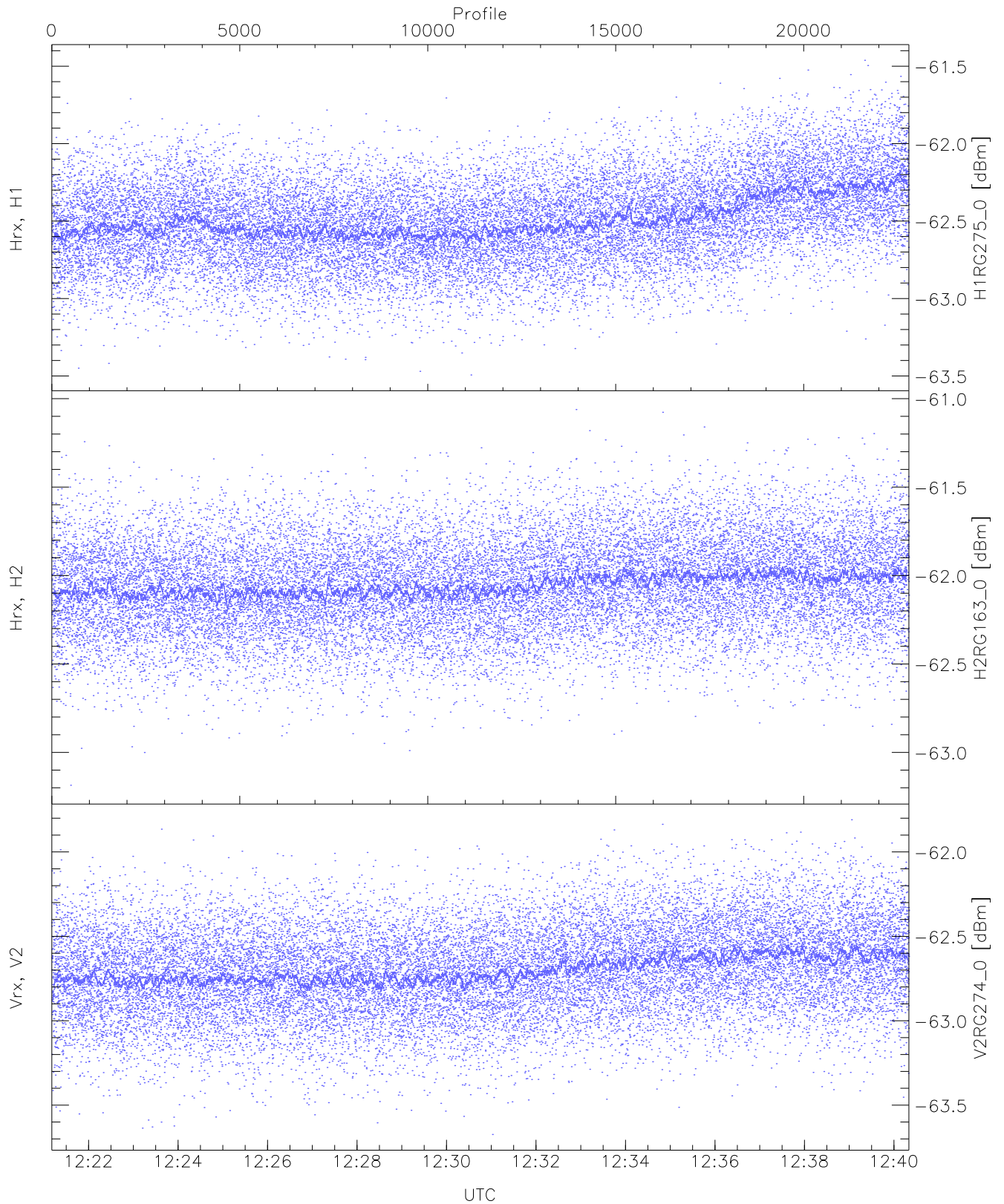
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.75	-60.87	-61.72	-61.73	-74.17
Hrx, H2 (HL [dBm])	-62.66	-60.84	-61.72	-61.73	-74.19
Vrx, V2 (HL [dBm])	-63.36	-61.20	-62.32	-62.33	-74.69



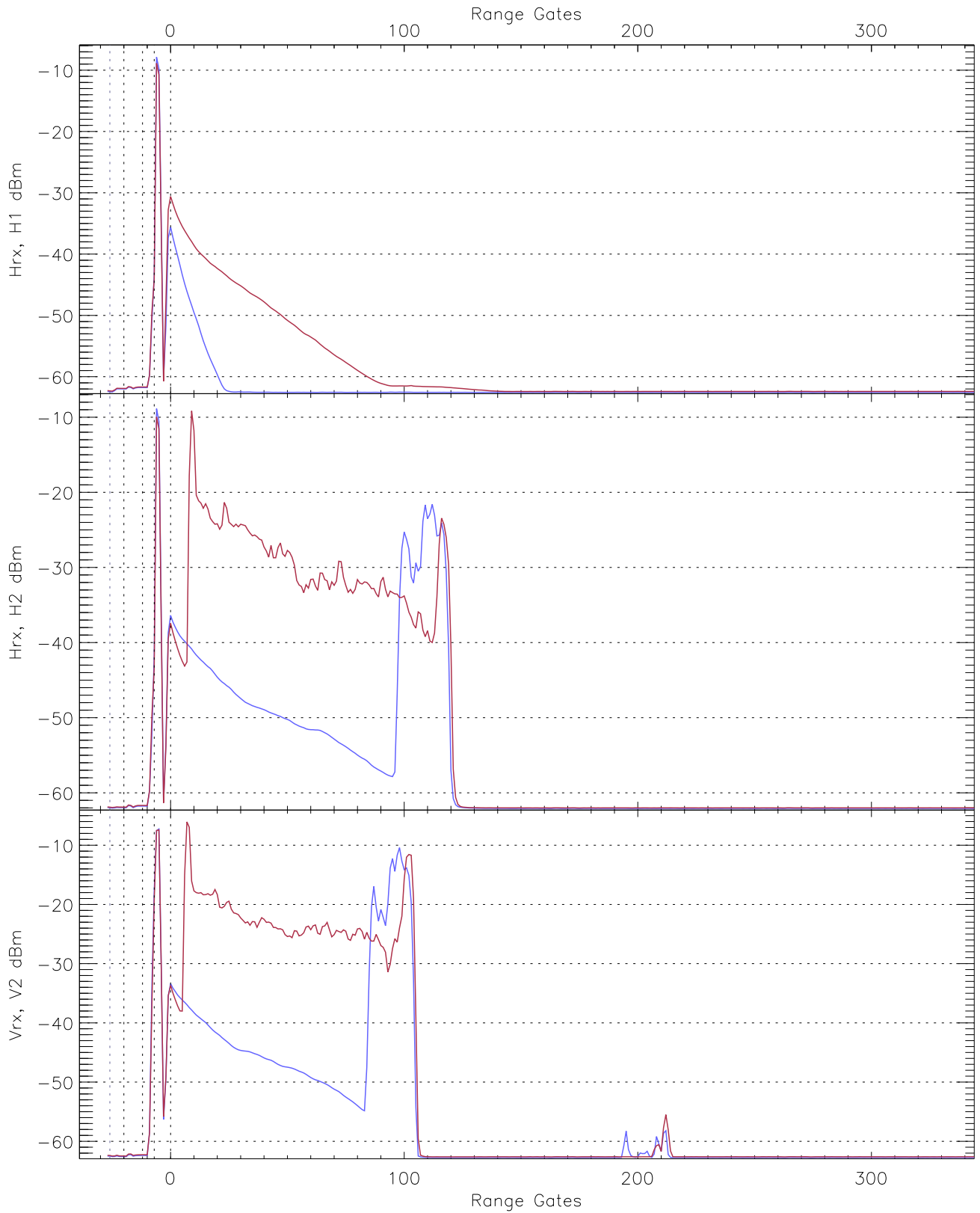
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.39	-61.32	-62.38	-62.39	-74.56
Hrx, H2 (RM [dBm])	-62.95	-60.94	-61.95	-61.95	-74.47
Vrx, V2 (RM [dBm])	-63.53	-61.50	-62.44	-62.44	-74.87

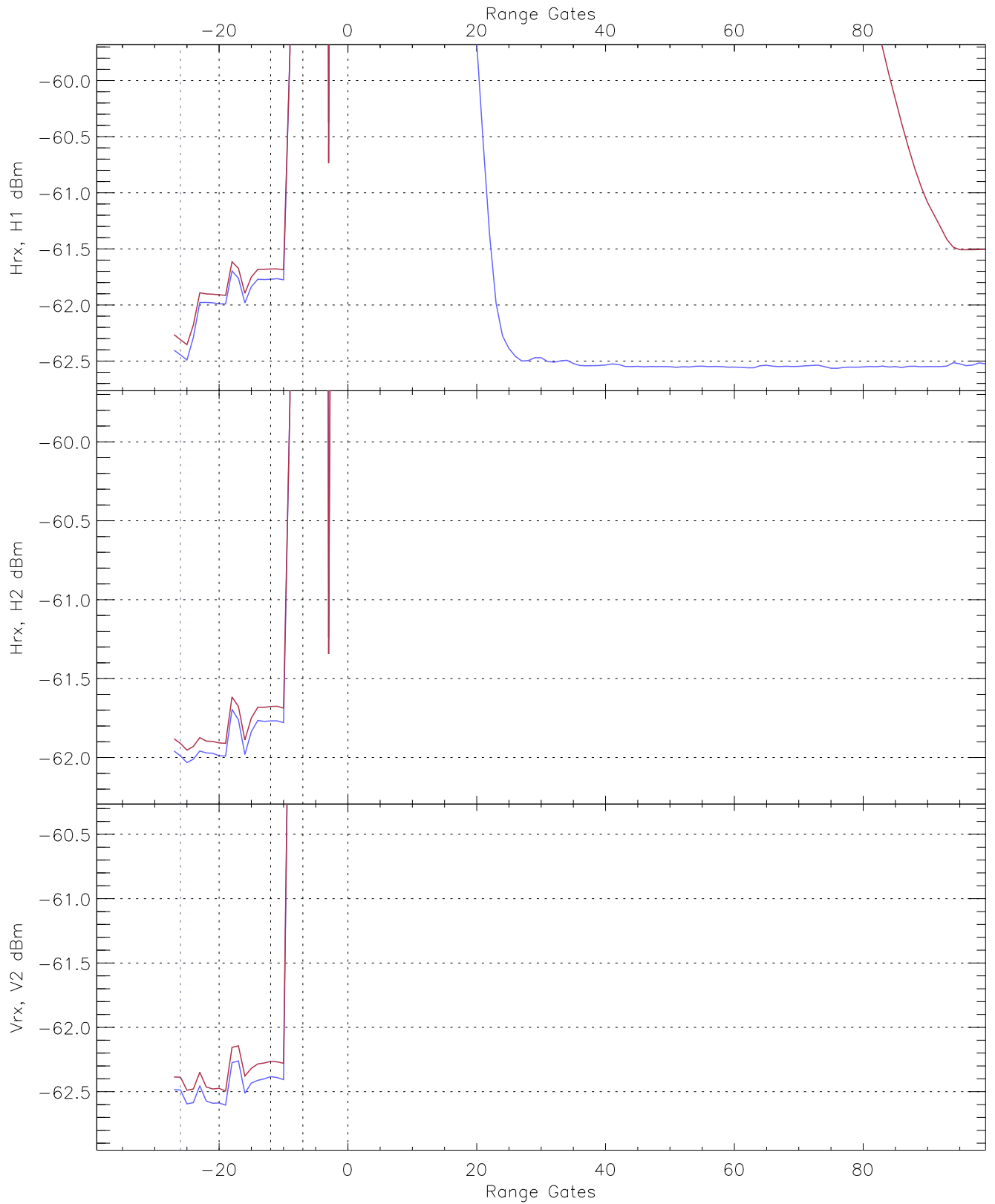


WCR2 CPP "Best" estimate Receivers Noise Power

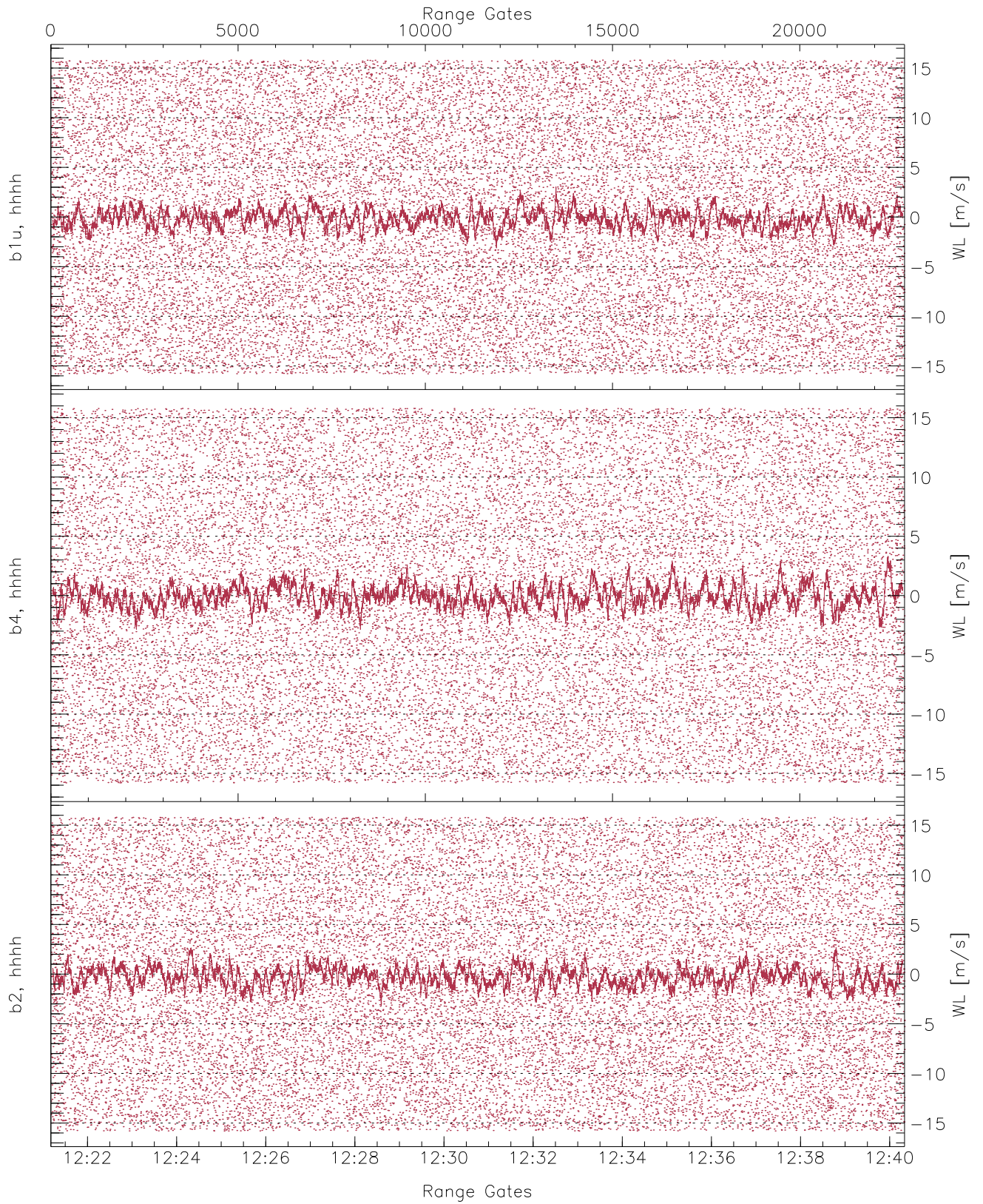
	Min	Max	Mean	Median	StDev
H1RG275_0 [dBm]	-63.49	-61.46	-62.49	-62.50	-74.64
H2RG163_0 [dBm]	-63.19	-61.06	-62.05	-62.06	-74.51
V2RG274_0 [dBm]	-63.67	-61.81	-62.70	-62.70	-75.08



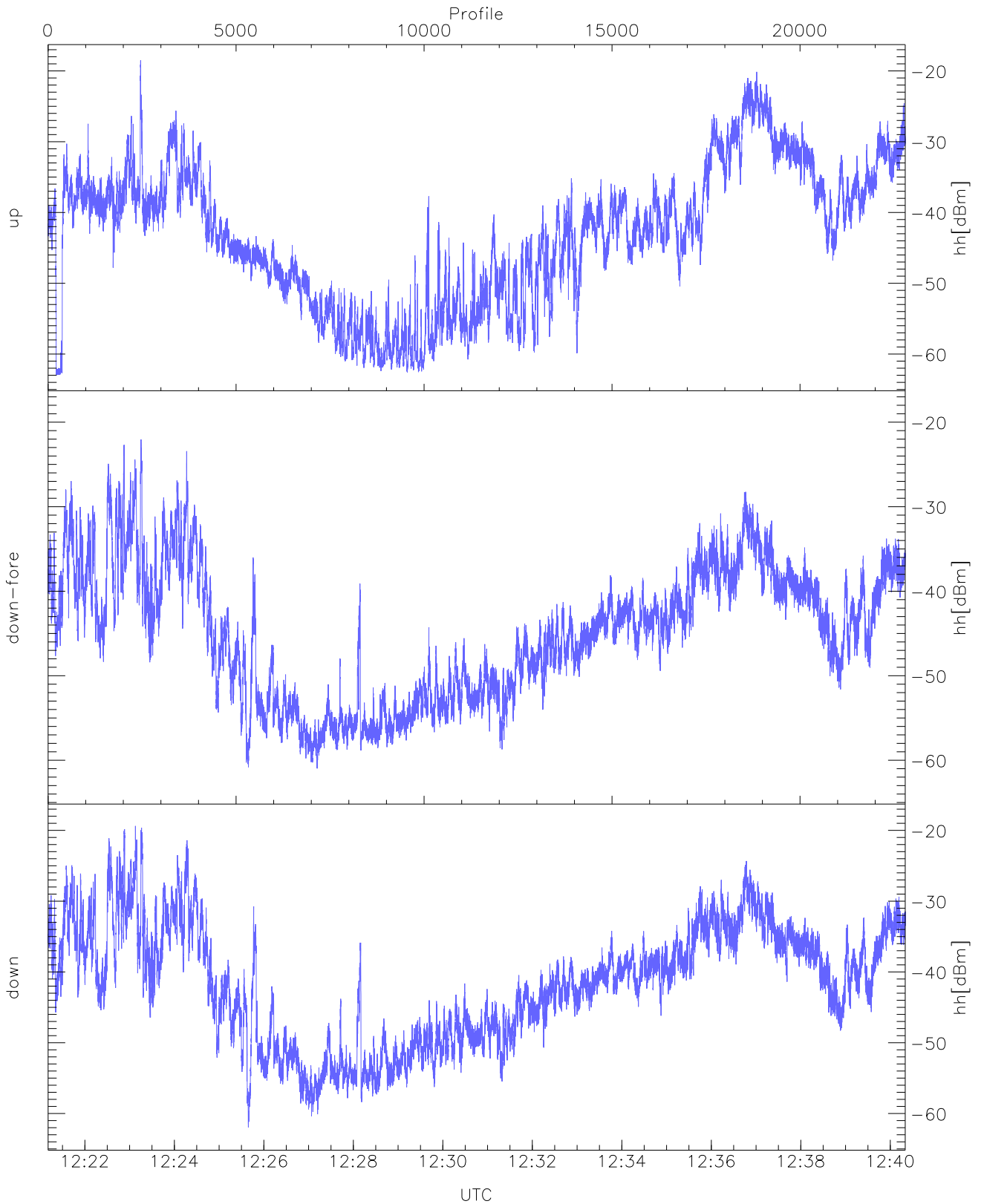
WCR2 CPP Averaged Received power for all recorded gates
blue: 122111-123045, 11401 profiles averaged
red: 123045-124020, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 122111-123045, 11401 profiles averaged
red: 123045-124020, 11400 profiles averaged

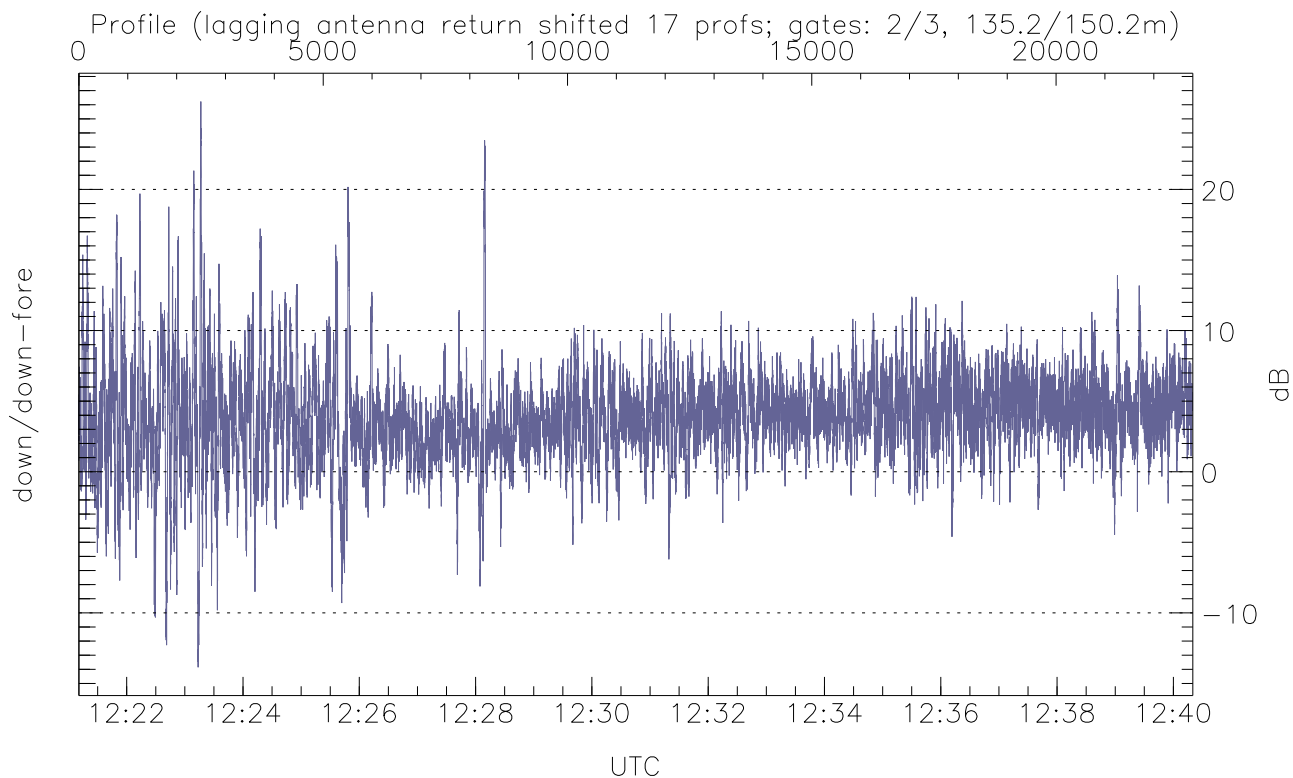
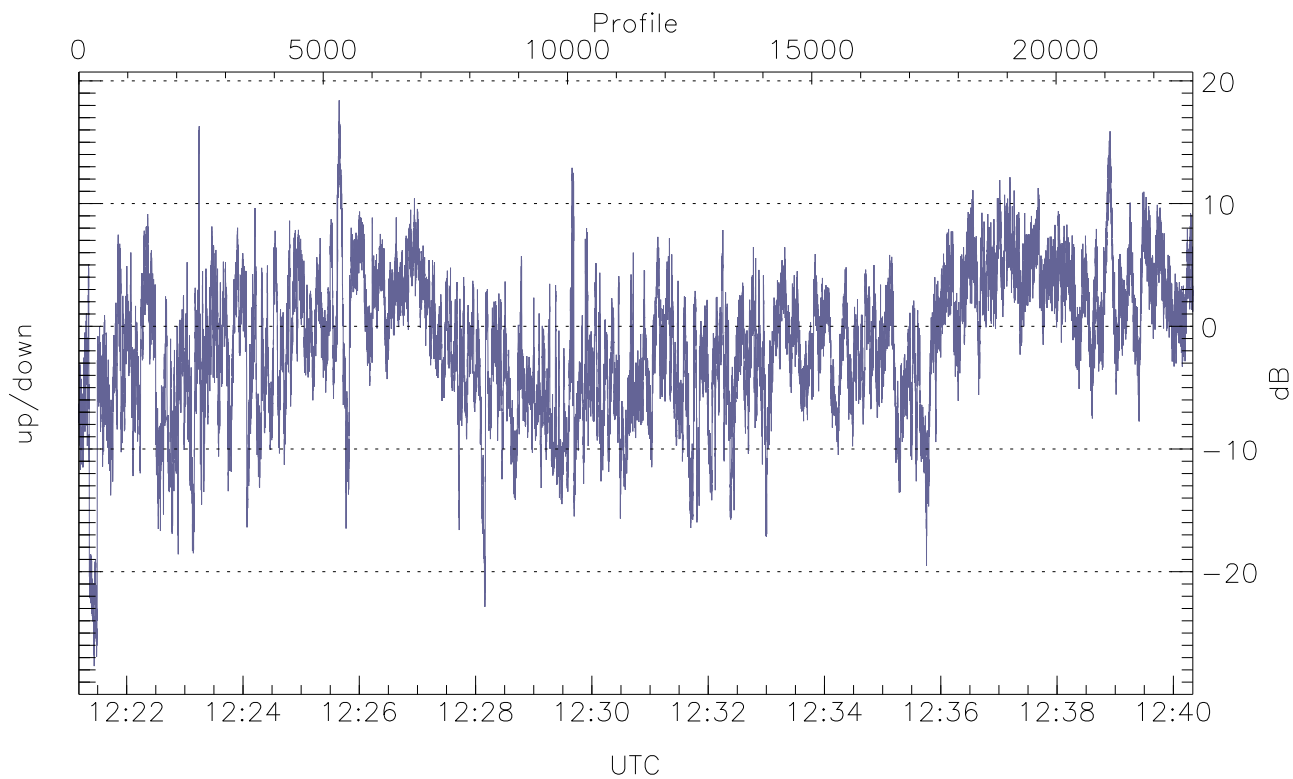


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



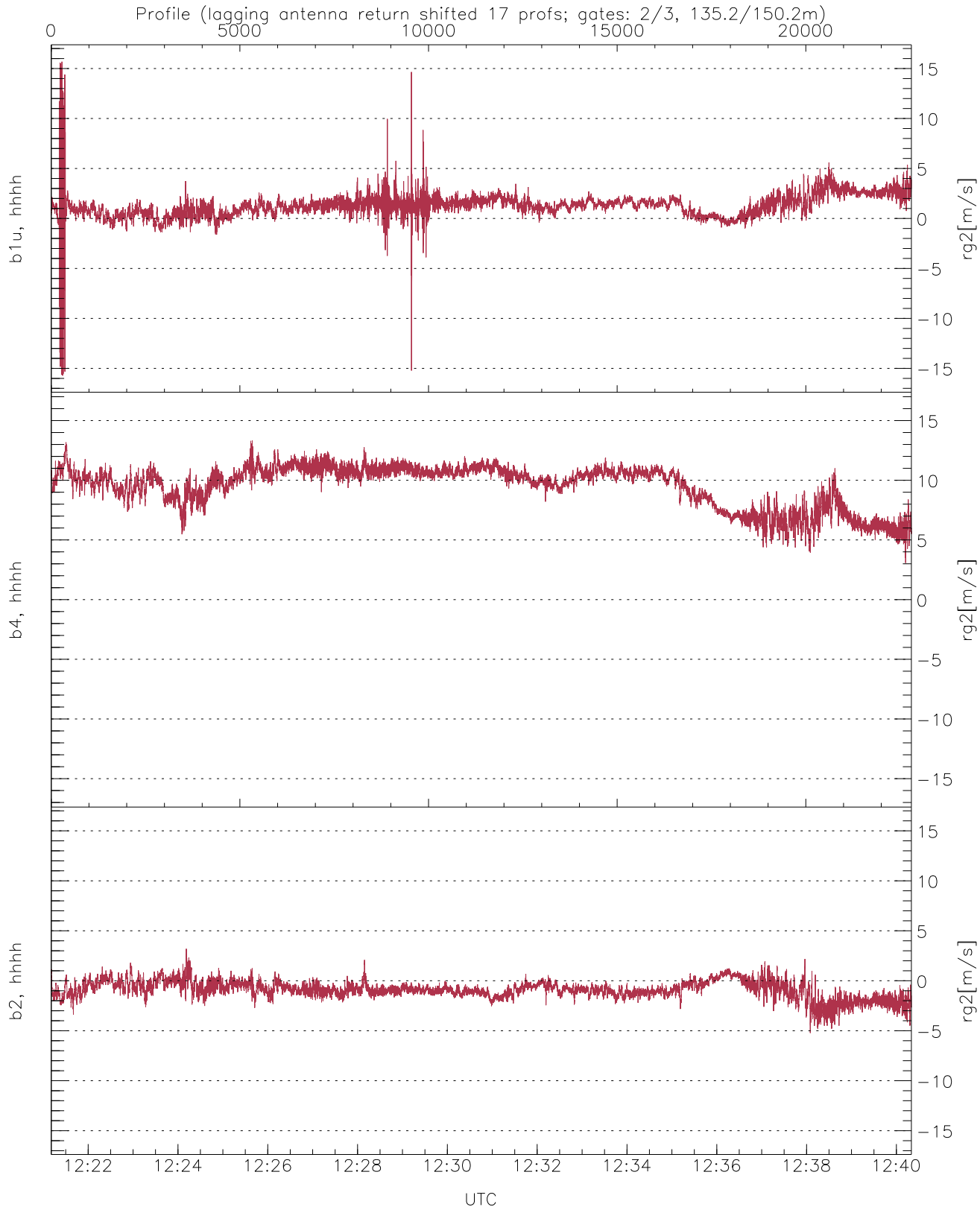
WCR2 CPP Received Power Products for Range gate 2 (135.2 m)

	Min	Max	Mean
up(hh[dBm])	-62.96	-18.50	-34.94
down-fore(hh[dBm])	-60.97	-22.04	-38.77
down(hh[dBm])	-61.95	-19.38	-35.33



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 2 (135 m)

	Min	Max	Mean
up/down (dB)	-27.69	18.42	-1.43
down/down-fore (dB)	-13.85	26.23	3.97



WCR2 CPP Doppler Velocity Products at 135.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg2[m/s])	-15.72	15.69	1.28	1.17
b4, hhhh(rg2[m/s])	3.07	13.34	9.48	1.75
b2, hhhh(rg2[m/s])	-5.23	3.20	-0.91	0.88