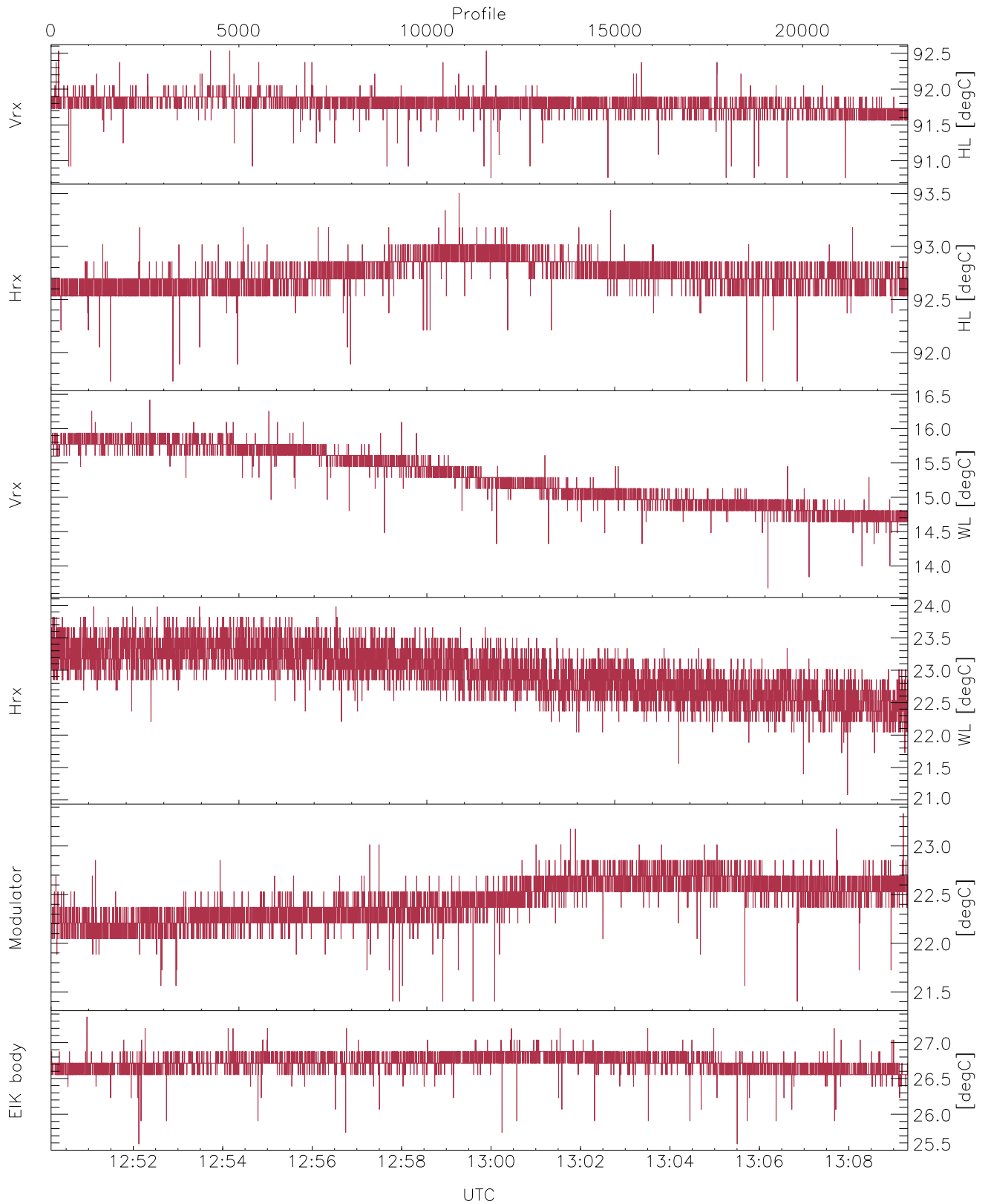


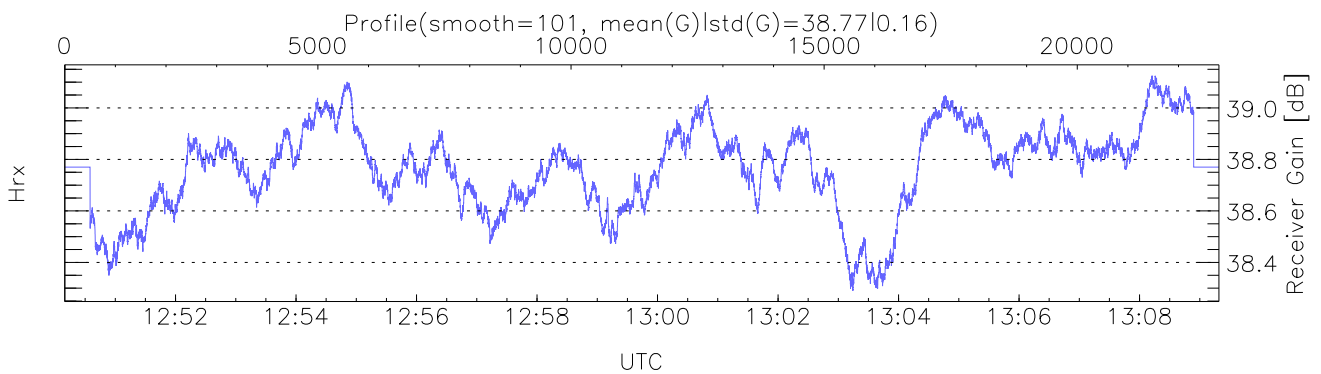
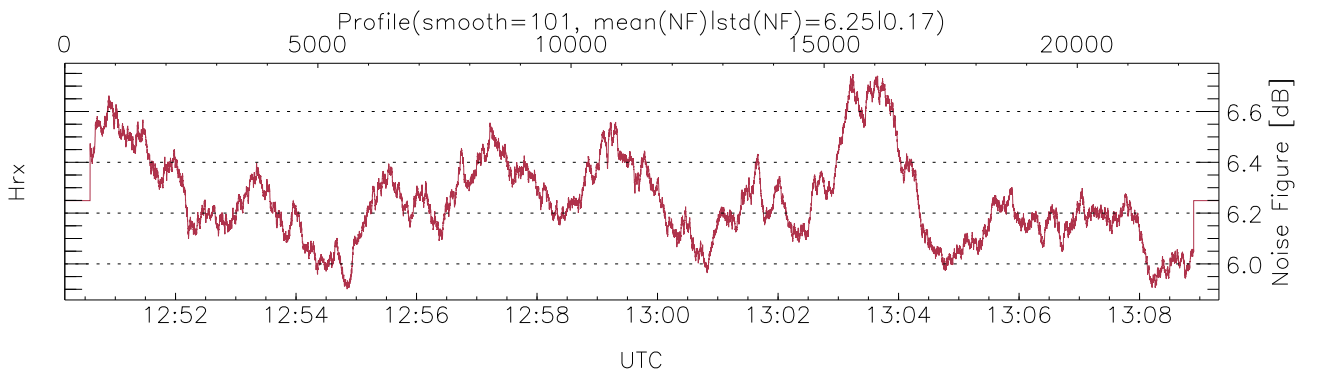
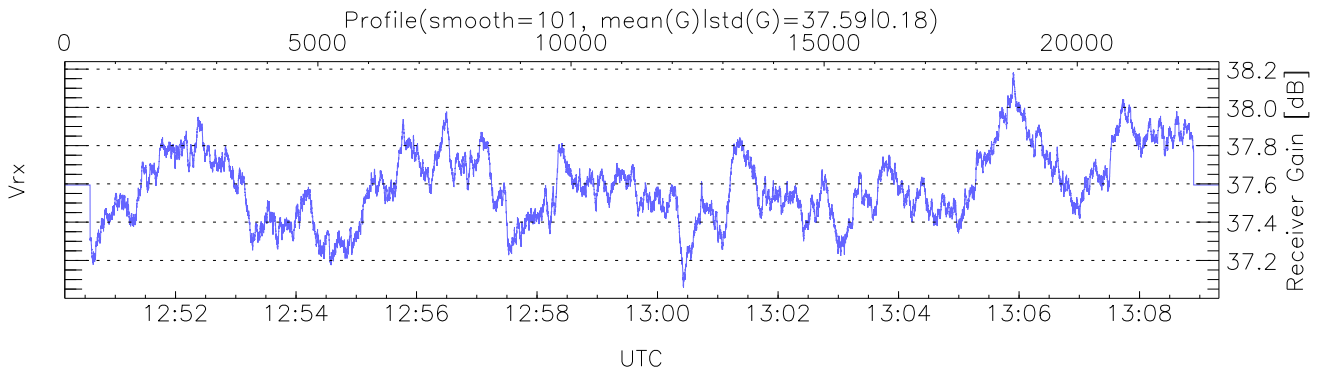
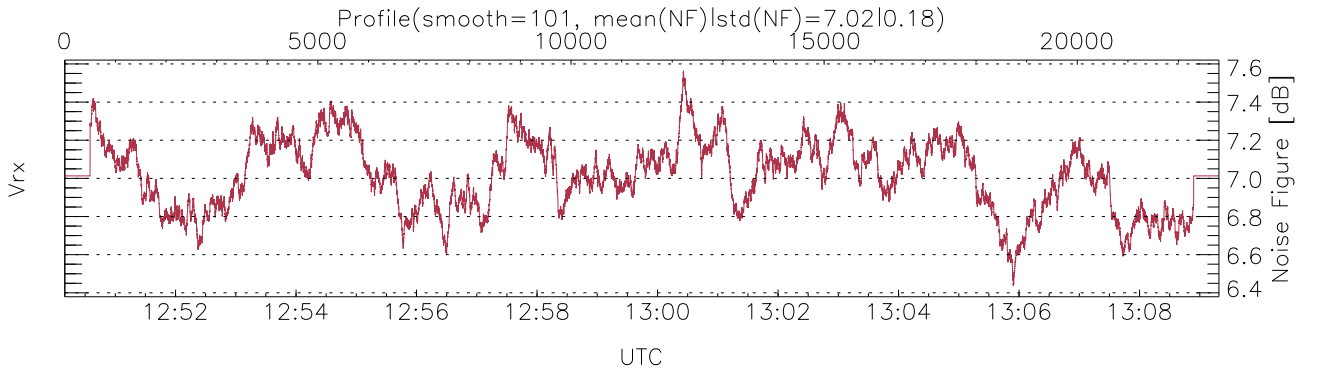
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 12:50:10-13:17:07, Dur: 1617.54s
 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): 22800/32087, 0-22799/12:50:10-13:09:19
 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



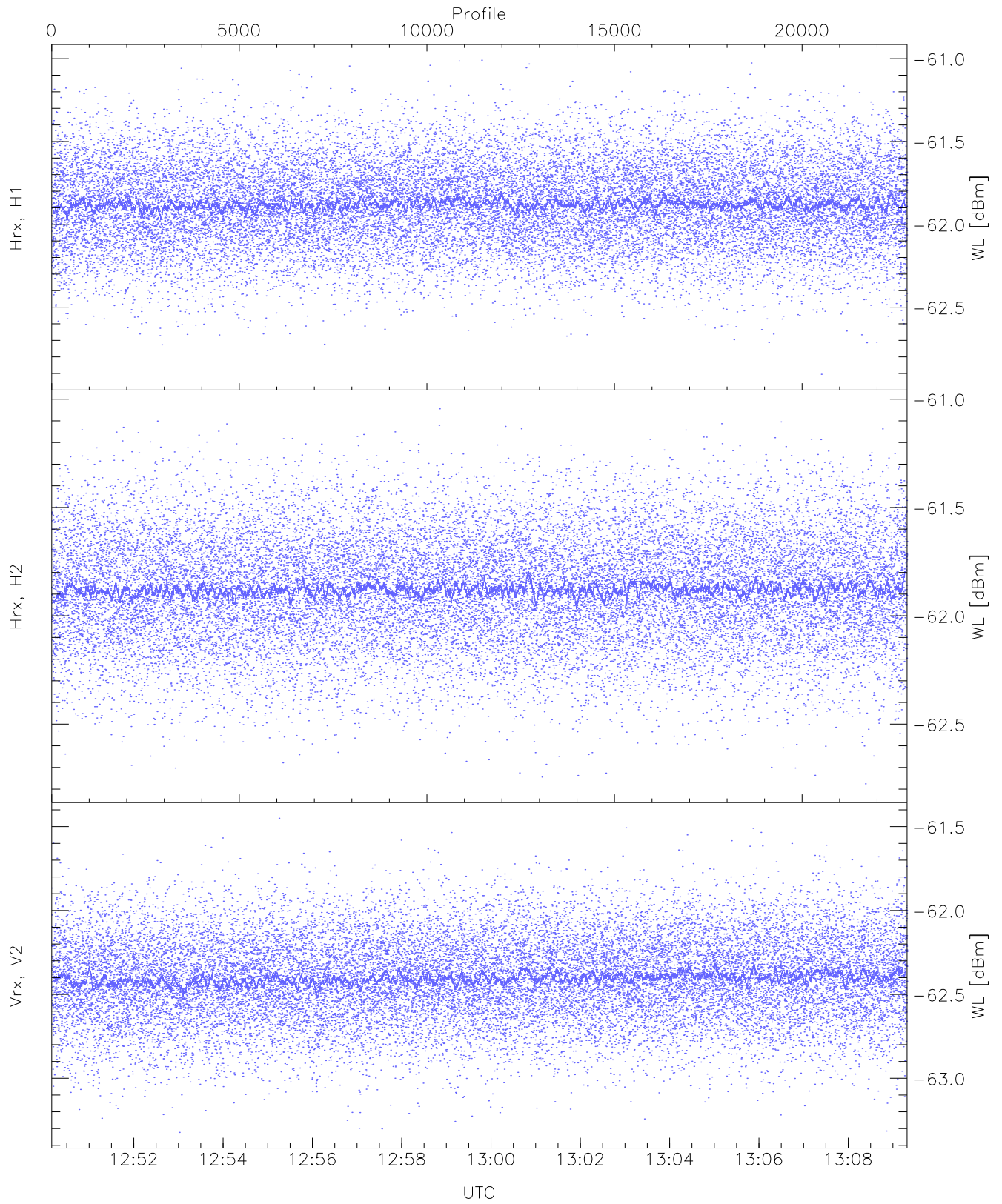
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,13,21,21,25`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,23,23,27`
`LOalarm(20,80,240,2.8,14.8 MHz): None`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,15)`



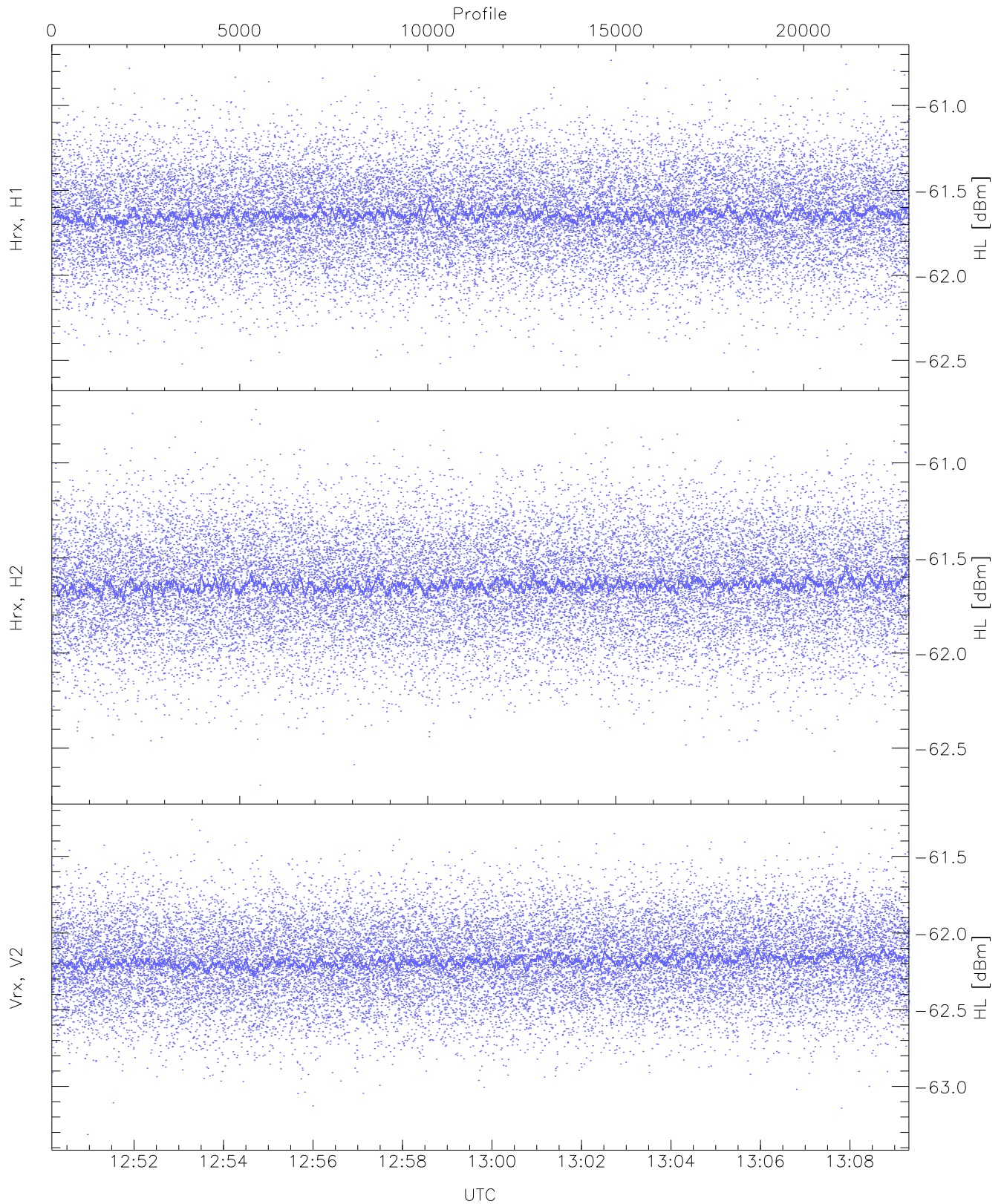
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 5746 pixs, 128 gates, 5587 profs, 1 prods



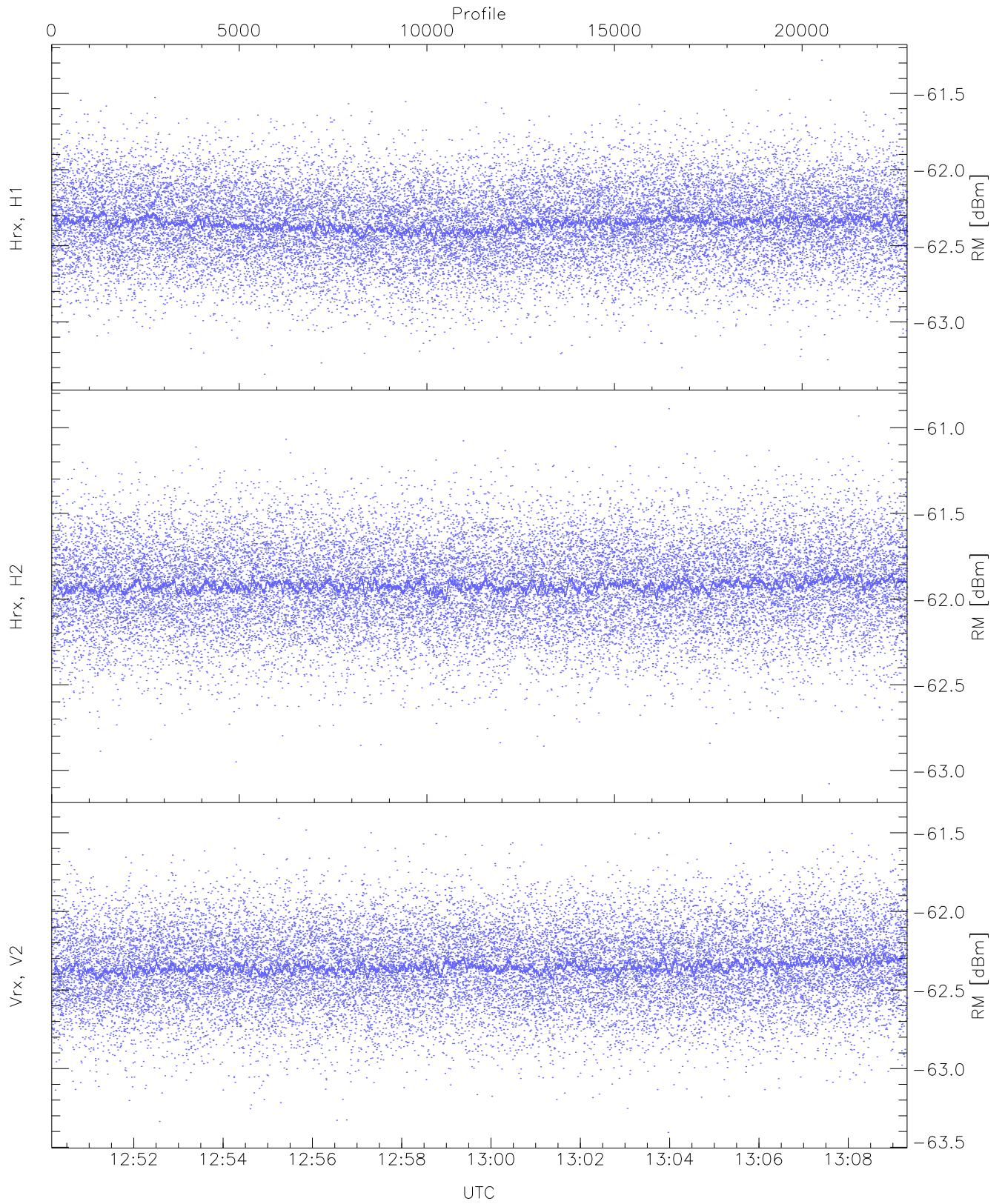
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.91	-61.01	-61.88	-61.88	-74.45
Hrx, H2 (WL [dBm])	-62.78	-61.04	-61.88	-61.88	-74.49
Vrx, V2 (WL [dBm])	-63.32	-61.45	-62.40	-62.41	-74.97



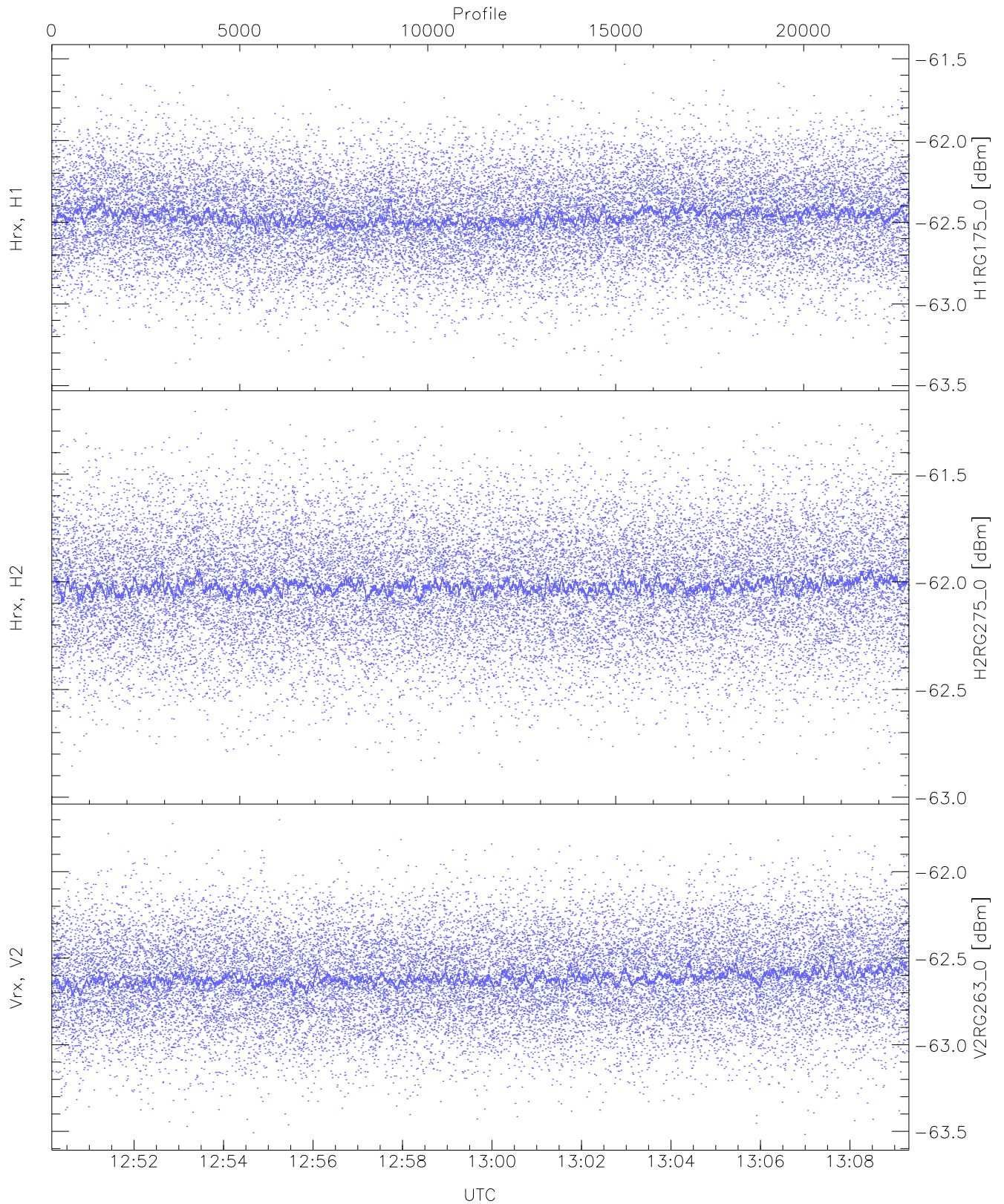
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.59	-60.73	-61.64	-61.65	-74.21
Hrx, H2 (HL [dBm])	-62.70	-60.72	-61.64	-61.64	-74.21
Vrx, V2 (HL [dBm])	-63.31	-61.26	-62.18	-62.18	-74.72



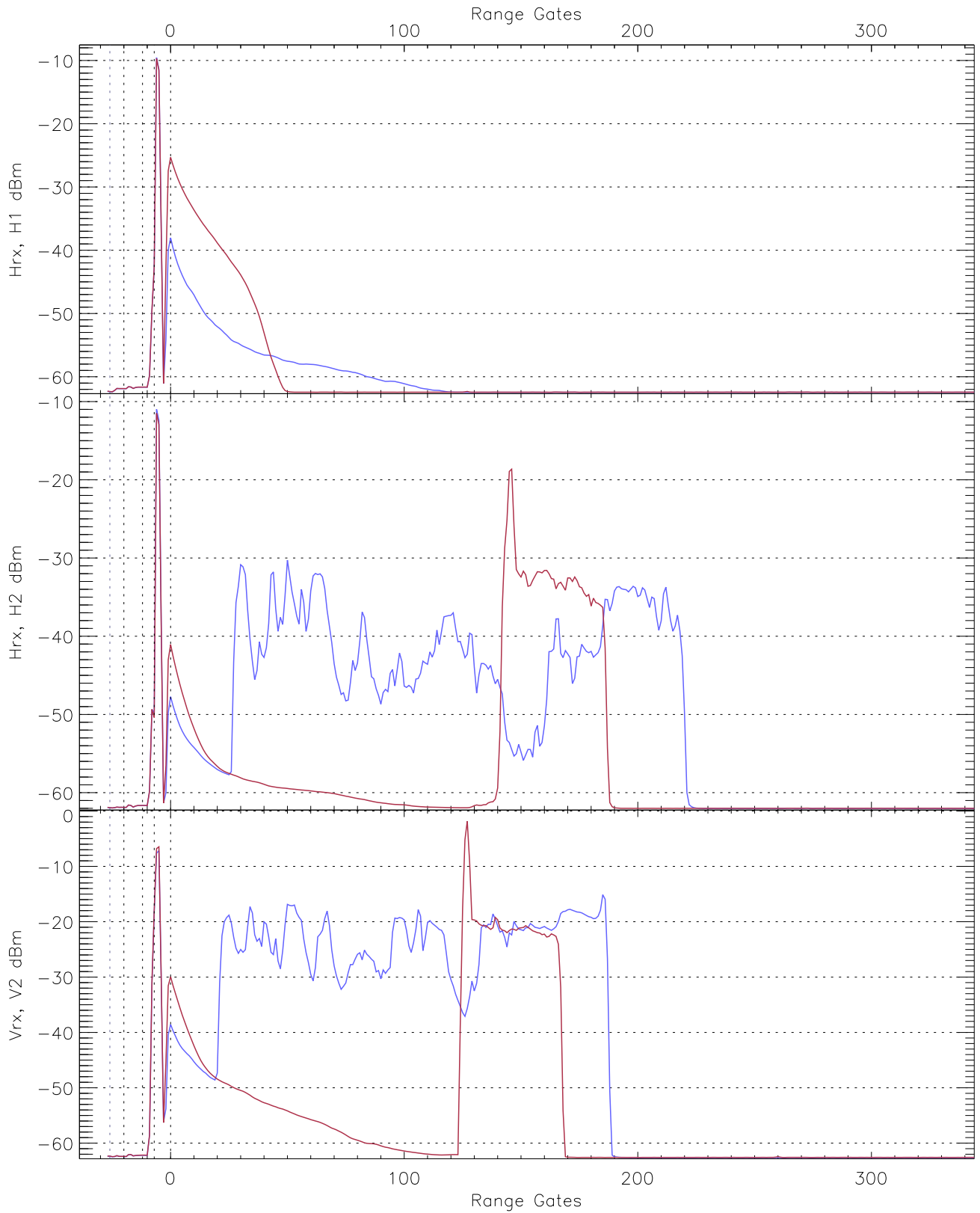
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.34	-61.28	-62.35	-62.35	-74.91
Hrx, H2 (RM [dBm])	-63.08	-60.89	-61.92	-61.92	-74.46
Vrx, V2 (RM [dBm])	-63.41	-61.41	-62.35	-62.35	-74.91

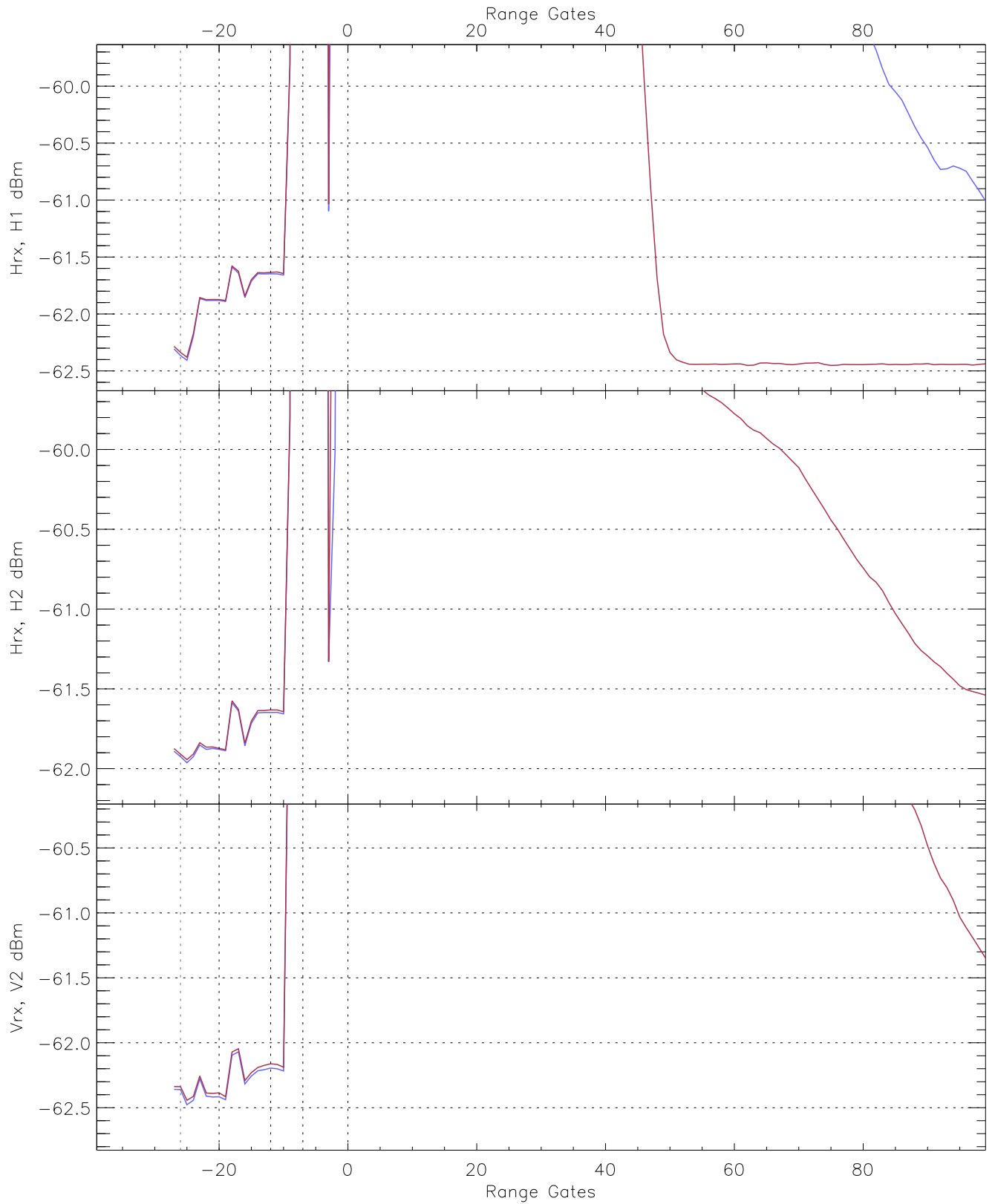


WCR2 CPP "Best" estimate Receivers Noise Power

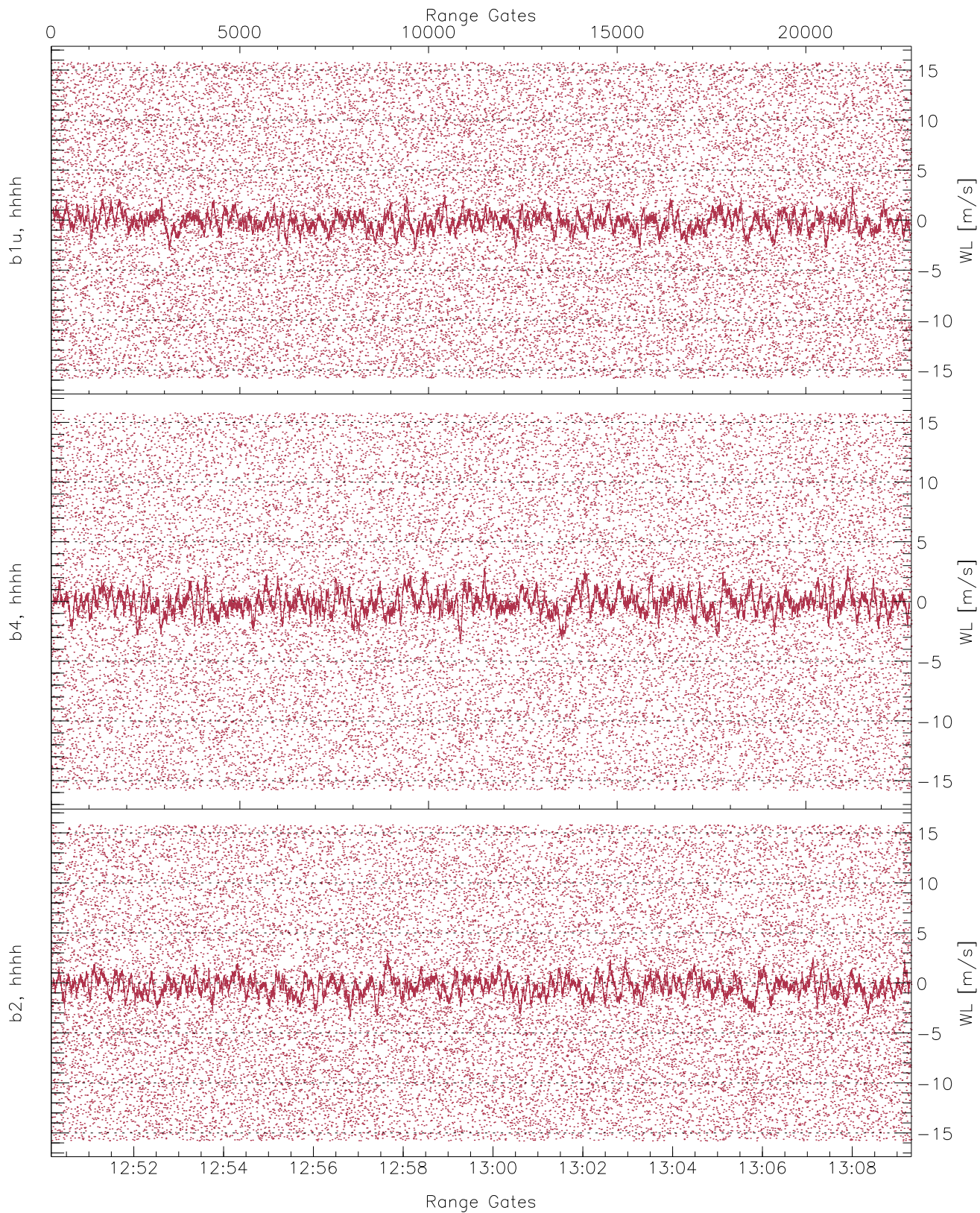
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.43	-61.51	-62.46	-62.47	-74.99
H2RG275_0 [dBm]	-62.94	-61.20	-62.02	-62.02	-74.58
V2RG263_0 [dBm]	-63.52	-61.70	-62.61	-62.62	-75.16



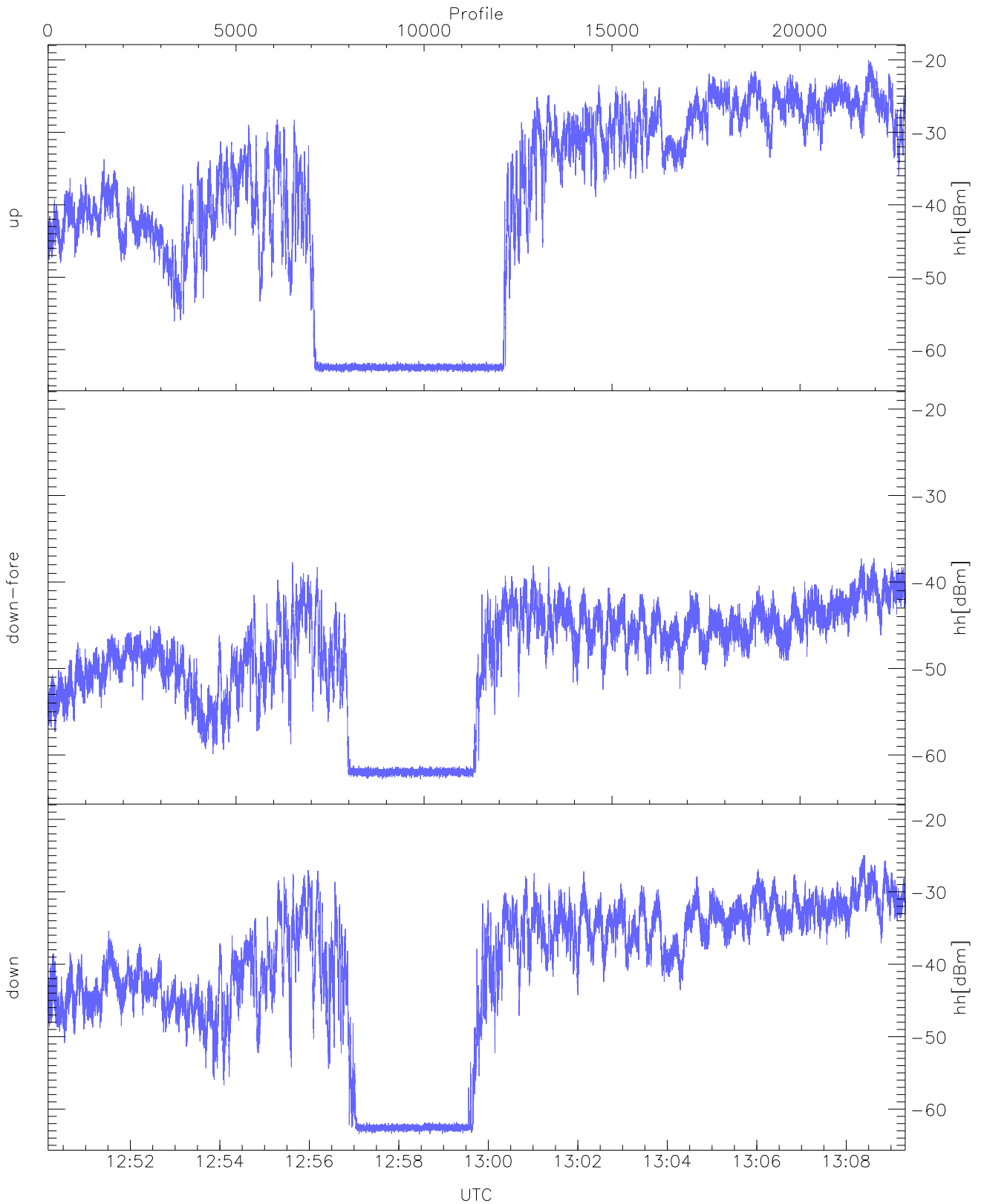
WCR2 CPP Averaged Received power for all recorded gates
blue: 125010-125944, 11401 profiles averaged
red: 125944-130919, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 125010-125944, 11401 profiles averaged
red: 125944-130919, 11400 profiles averaged

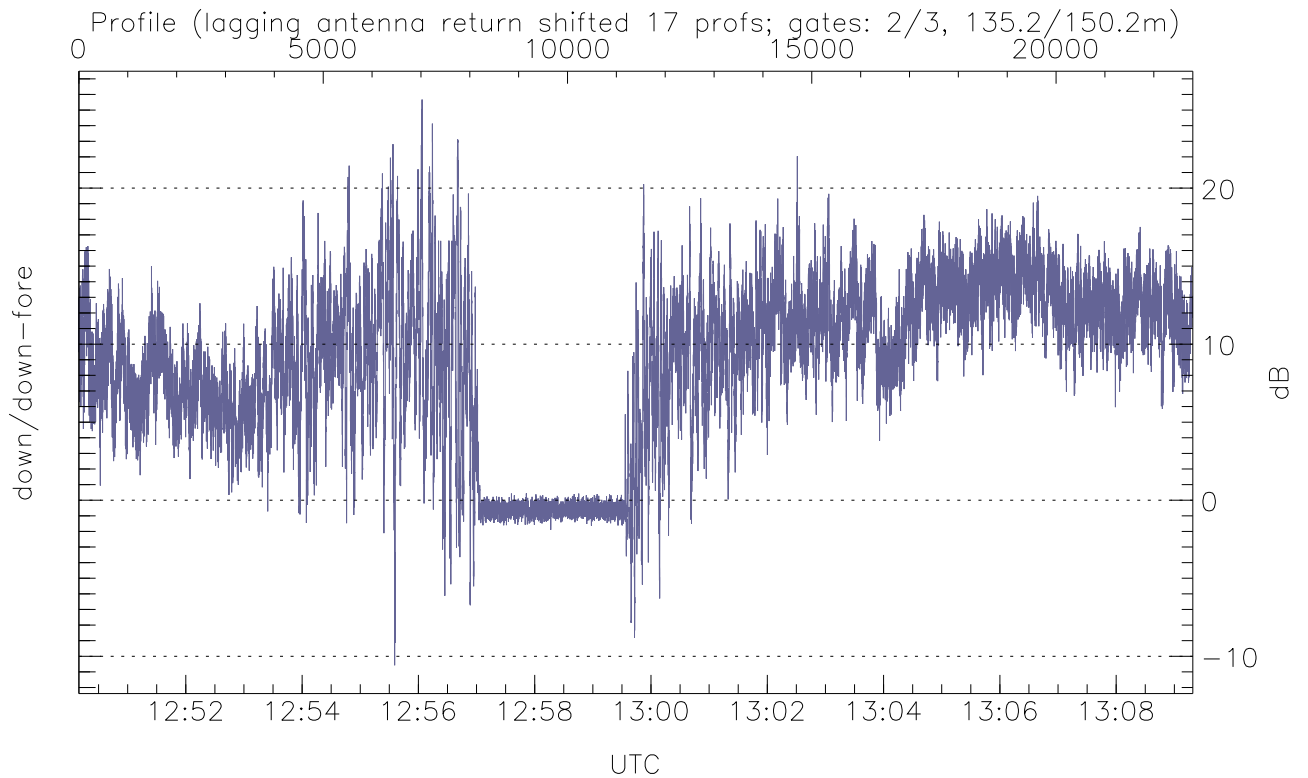
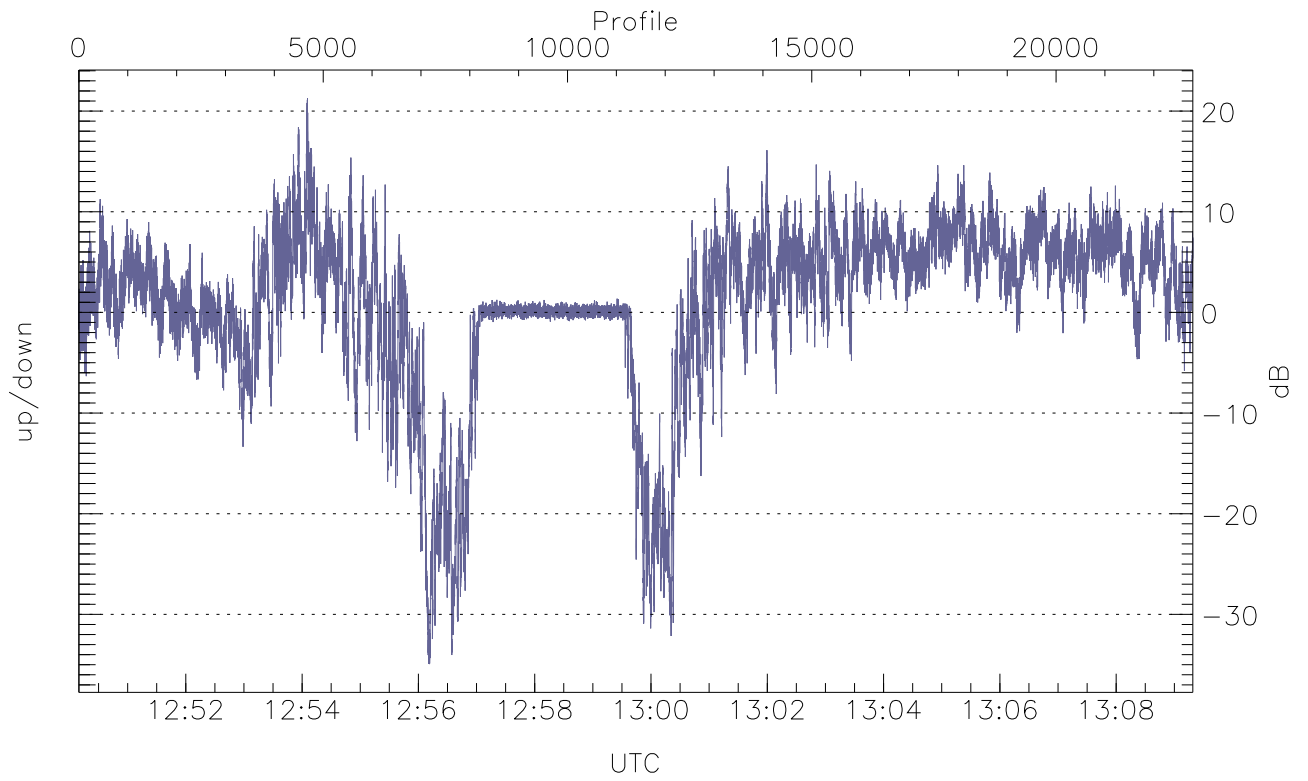


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



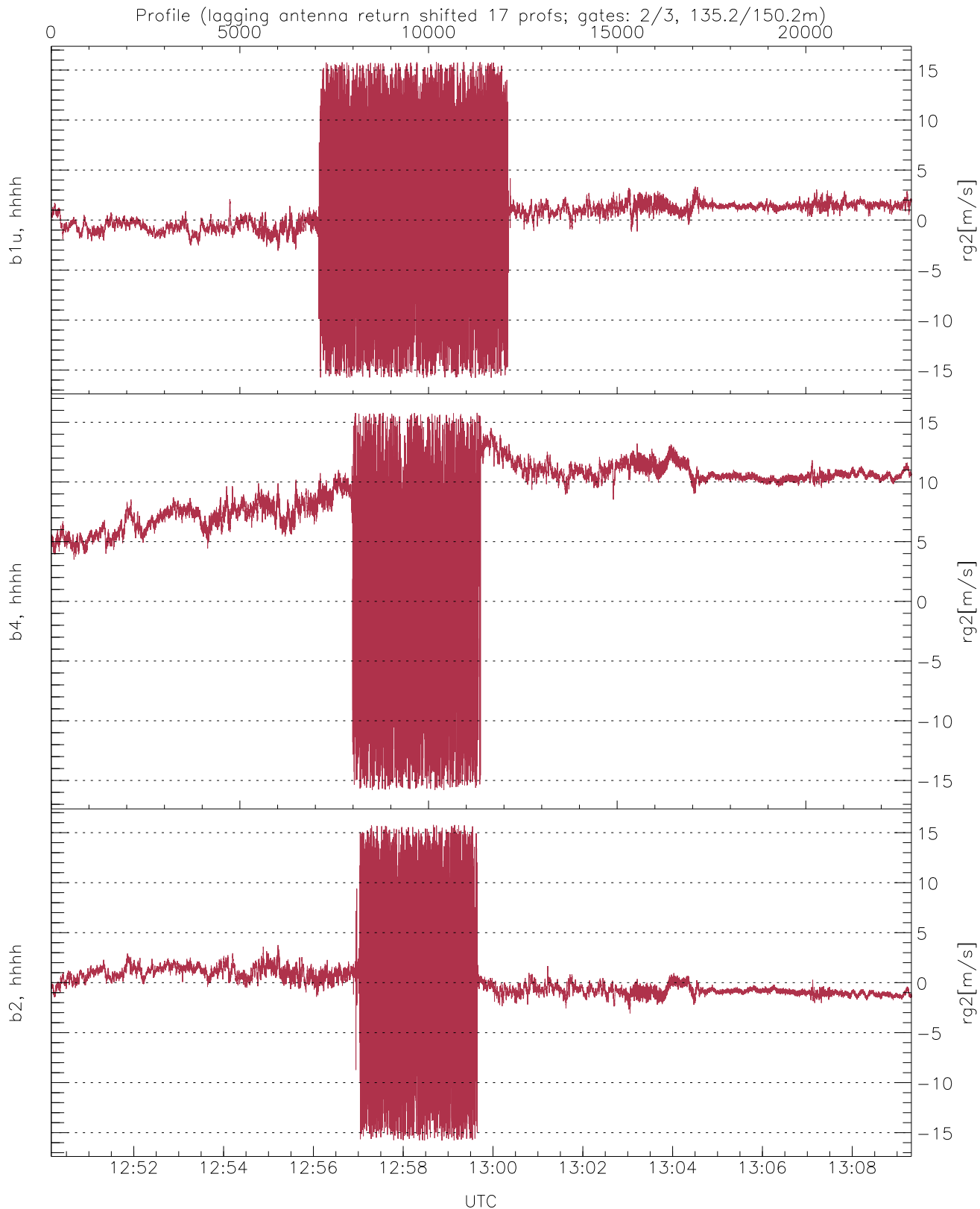
WCR2 CPP Received Power Products for Range gate 2 (135.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.22	-20.06	-30.40
down-fore(hh[dBm])	-62.81	-37.25	-45.81
down(hh[dBm])	-63.50	-24.94	-35.18



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

	Min	Max	Mean
up/down (dB)	-34.94	21.27	0.87
down/down-fore (dB)	-10.58	25.68	8.77



WCR2 CPP Doppler Velocity Products at 135.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg2[m/s])	-15.80	15.79	0.35	4.37
b4, hhhh(rg2[m/s])	-15.80	15.79	7.93	5.21
b2, hhhh(rg2[m/s])	-15.79	15.78	-0.11	3.50