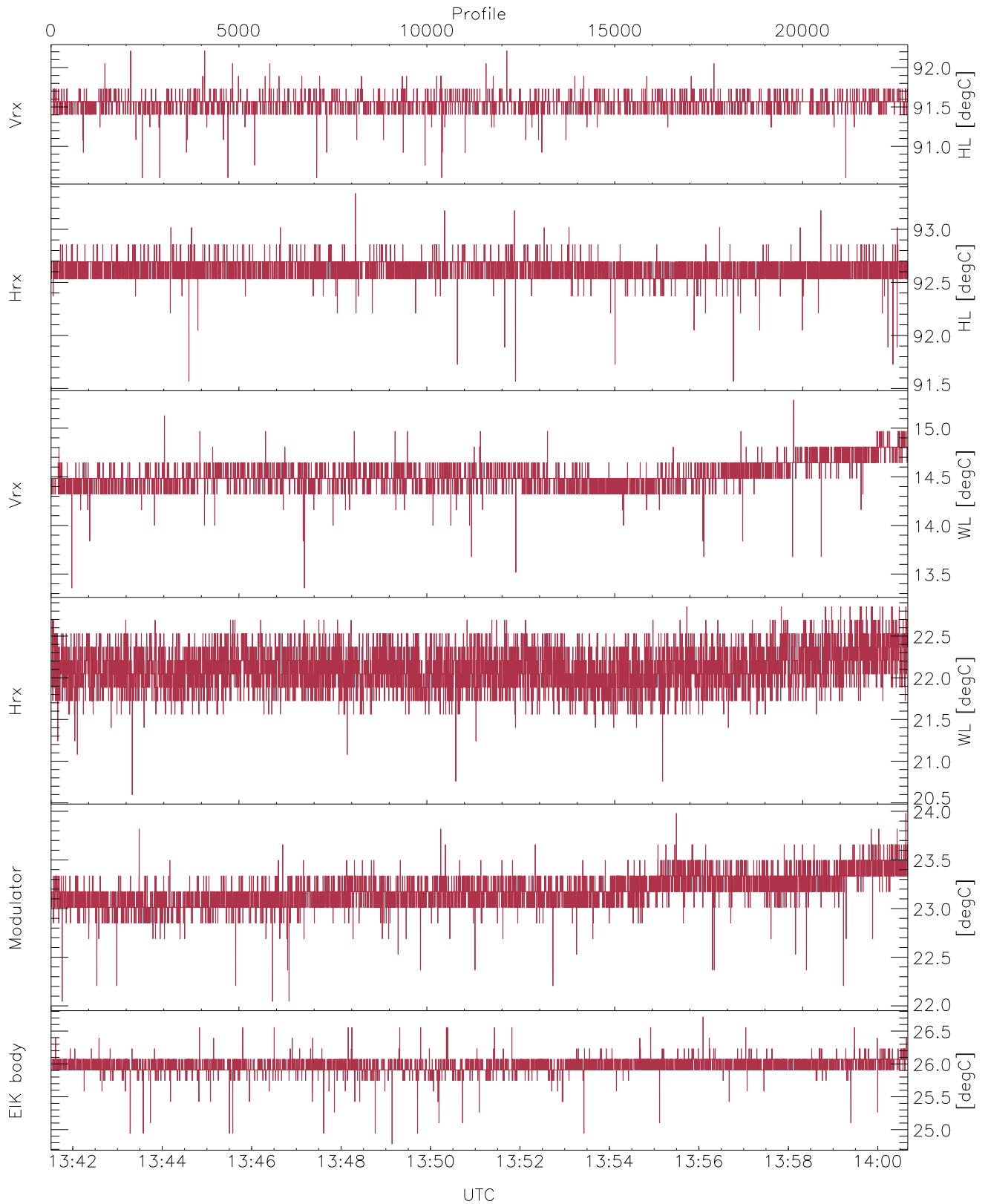


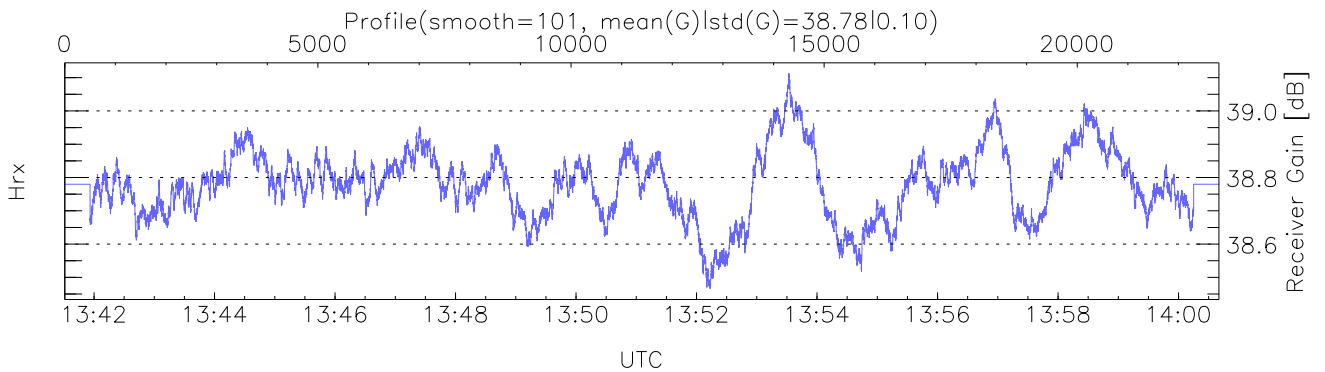
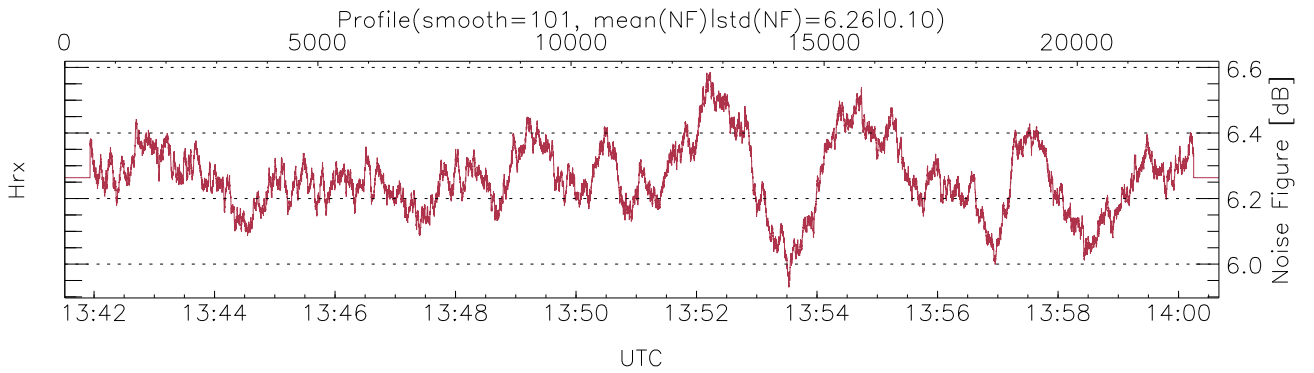
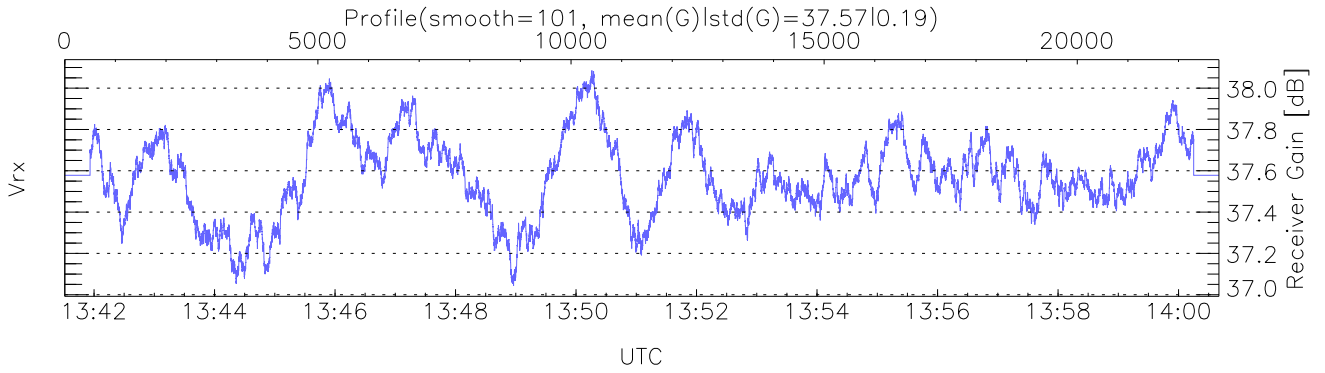
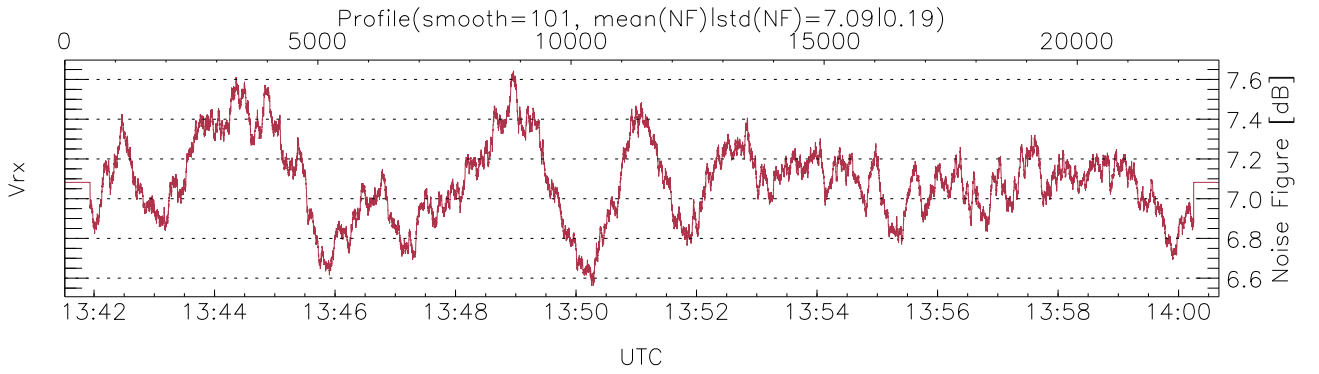
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 13:41:31-14:07:57, Dur: 1586.23s
 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): 22800/31466, 0-22799/13:41:31-14:00:40
 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



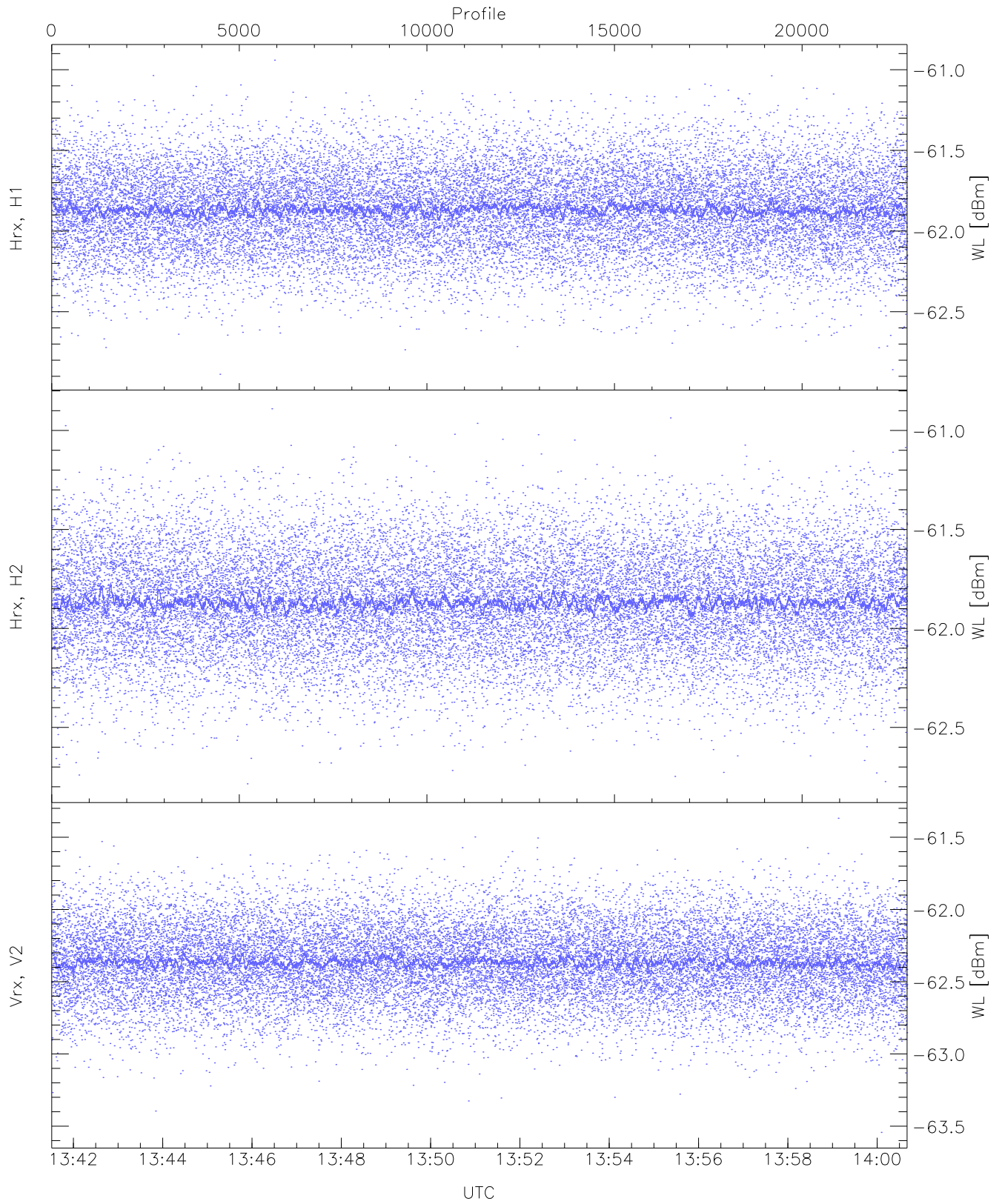
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,13,20,22,24`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,15,22,23,26`
`LOalarm(20,80,240,2.8,14.8 MHz): None`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (21,16,21,21,21,26)`



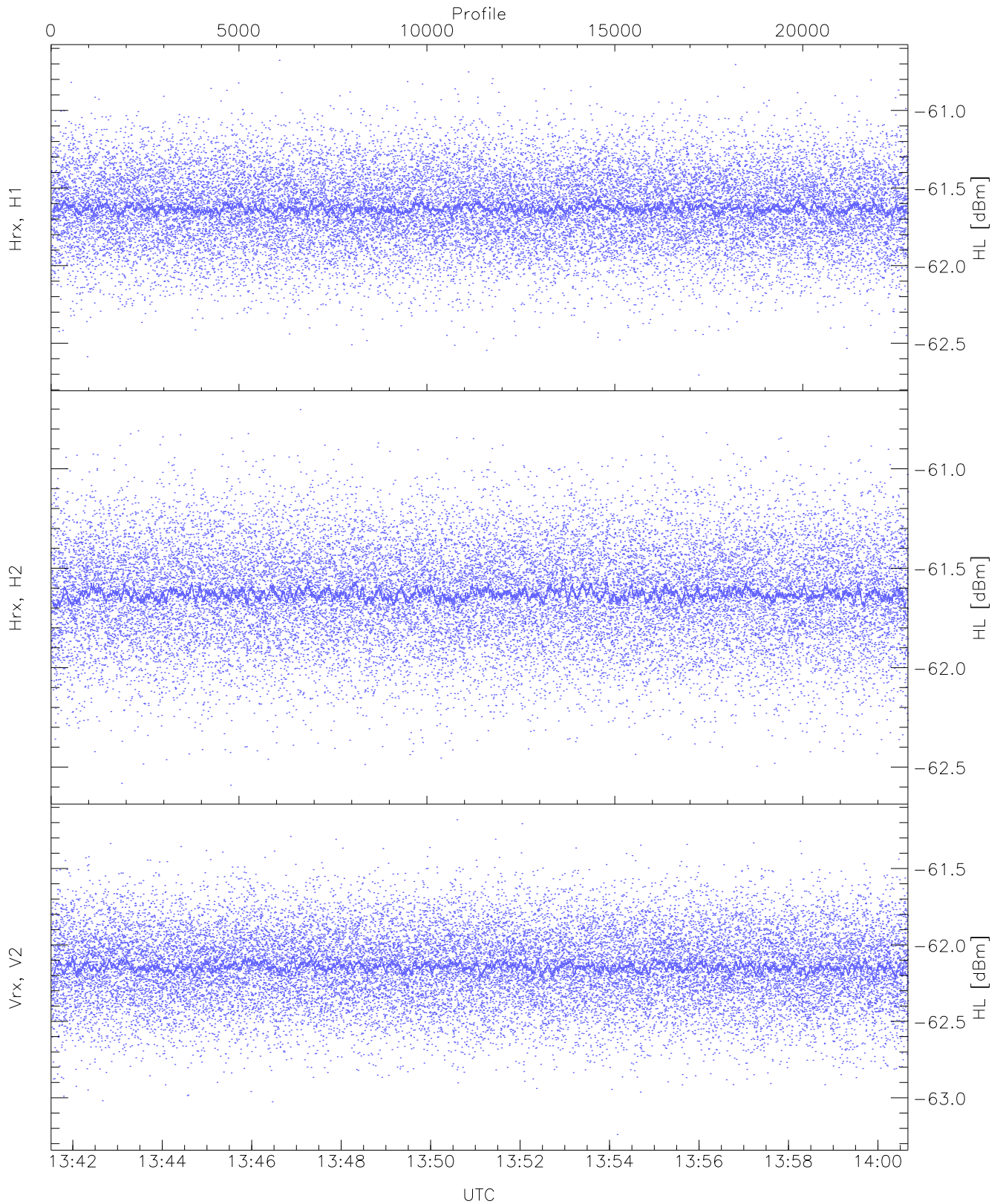
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 935 pixs, 52 gates, 923 profs, 1 prods



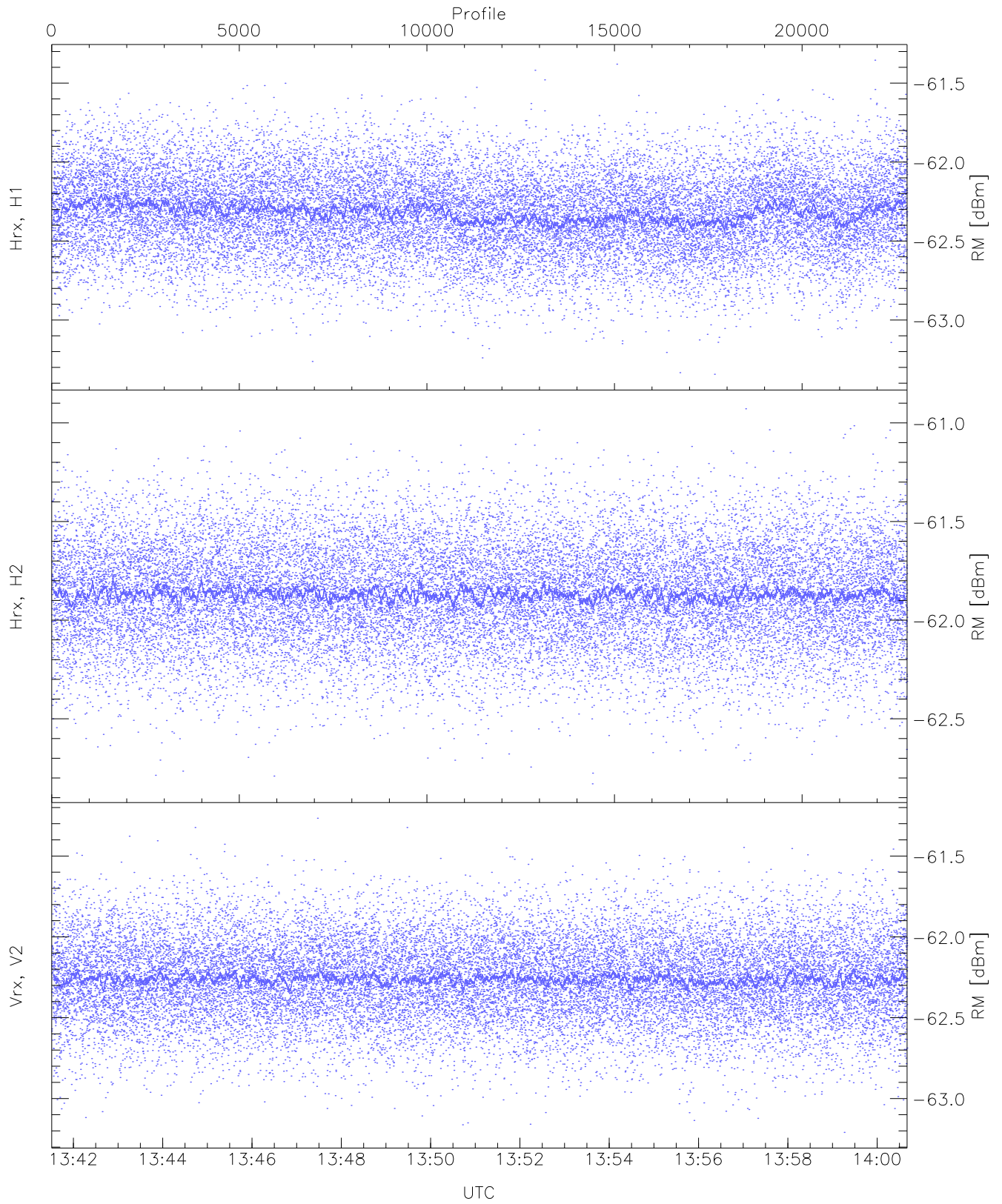
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.89	-60.94	-61.86	-61.87	-74.45
Hrx, H2 (WL [dBm])	-62.78	-60.89	-61.87	-61.87	-74.42
Vrx, V2 (WL [dBm])	-63.54	-61.37	-62.36	-62.37	-74.91



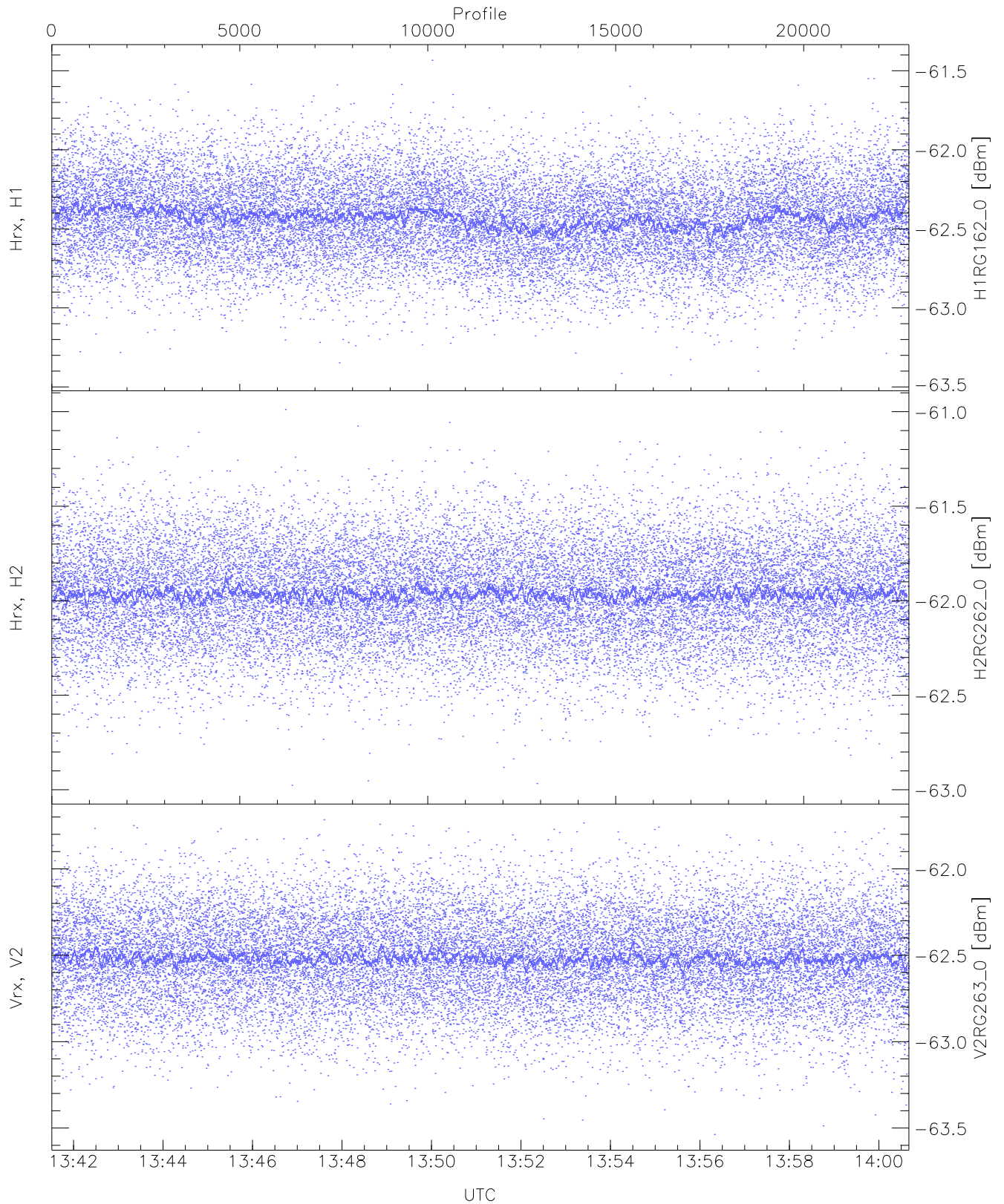
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.70	-60.68	-61.63	-61.63	-74.22
Hrx, H2 (HL [dBm])	-62.59	-60.70	-61.63	-61.63	-74.20
Vrx, V2 (HL [dBm])	-63.24	-61.18	-62.14	-62.14	-74.69



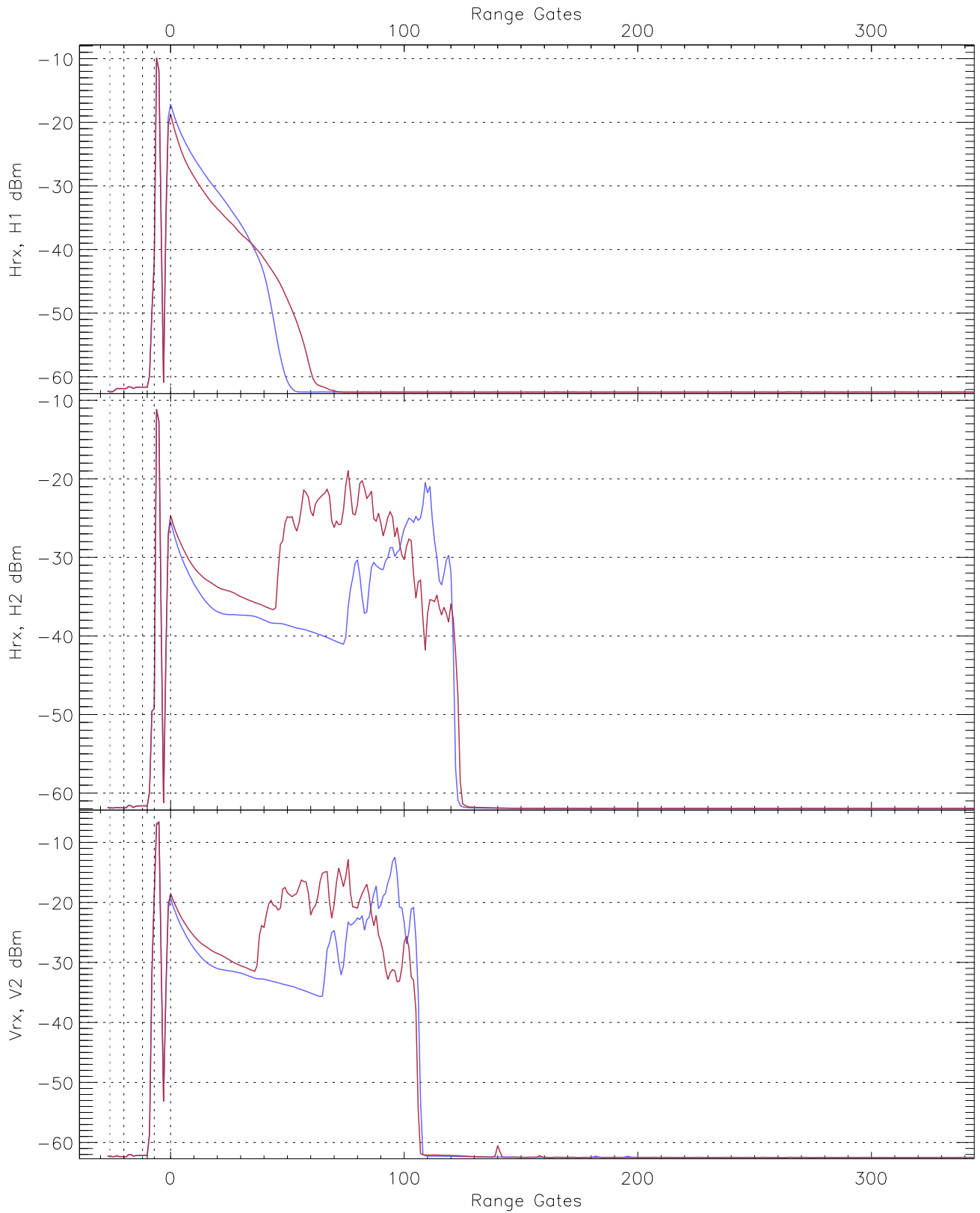
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.34	-61.36	-62.32	-62.32	-74.81
Hrx, H2 (RM [dBm])	-62.83	-60.93	-61.87	-61.87	-74.45
Vrx, V2 (RM [dBm])	-63.21	-61.27	-62.26	-62.26	-74.84

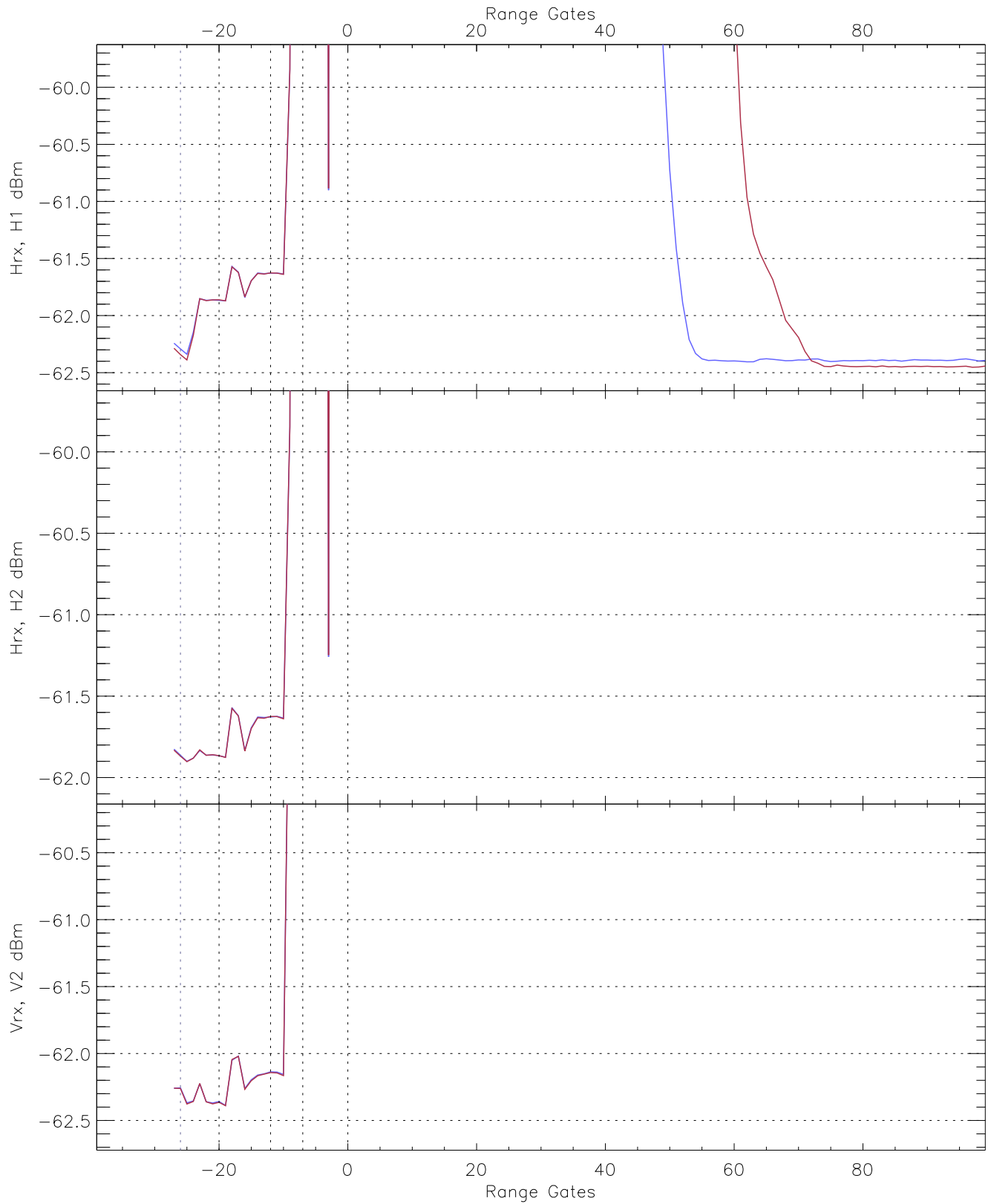


WCR2 CPP "Best" estimate Receivers Noise Power

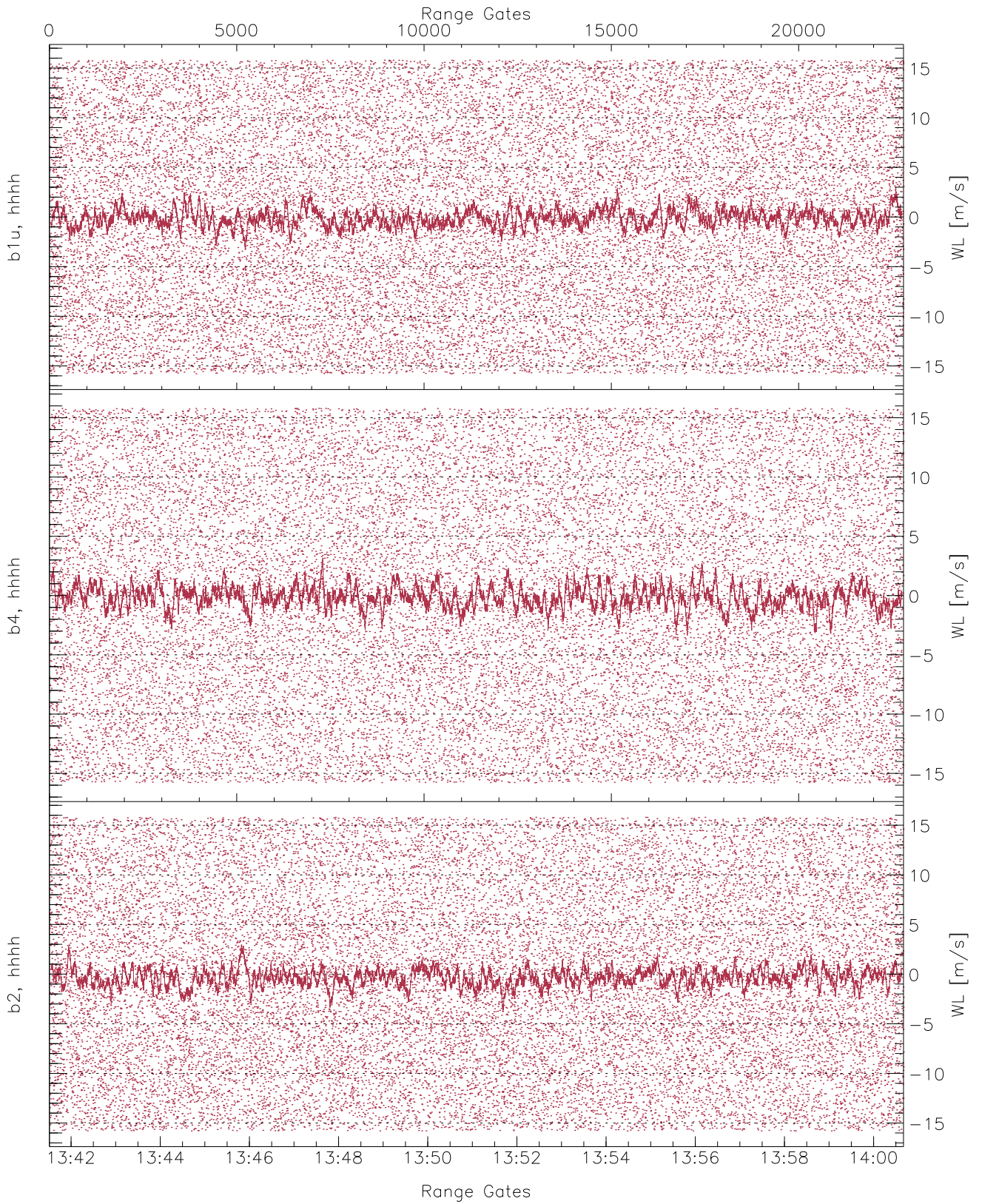
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.42	-61.43	-62.43	-62.43	-74.94
H2RG262_0 [dBm]	-62.98	-60.99	-61.96	-61.97	-74.52
V2RG263_0 [dBm]	-63.54	-61.72	-62.52	-62.52	-75.07



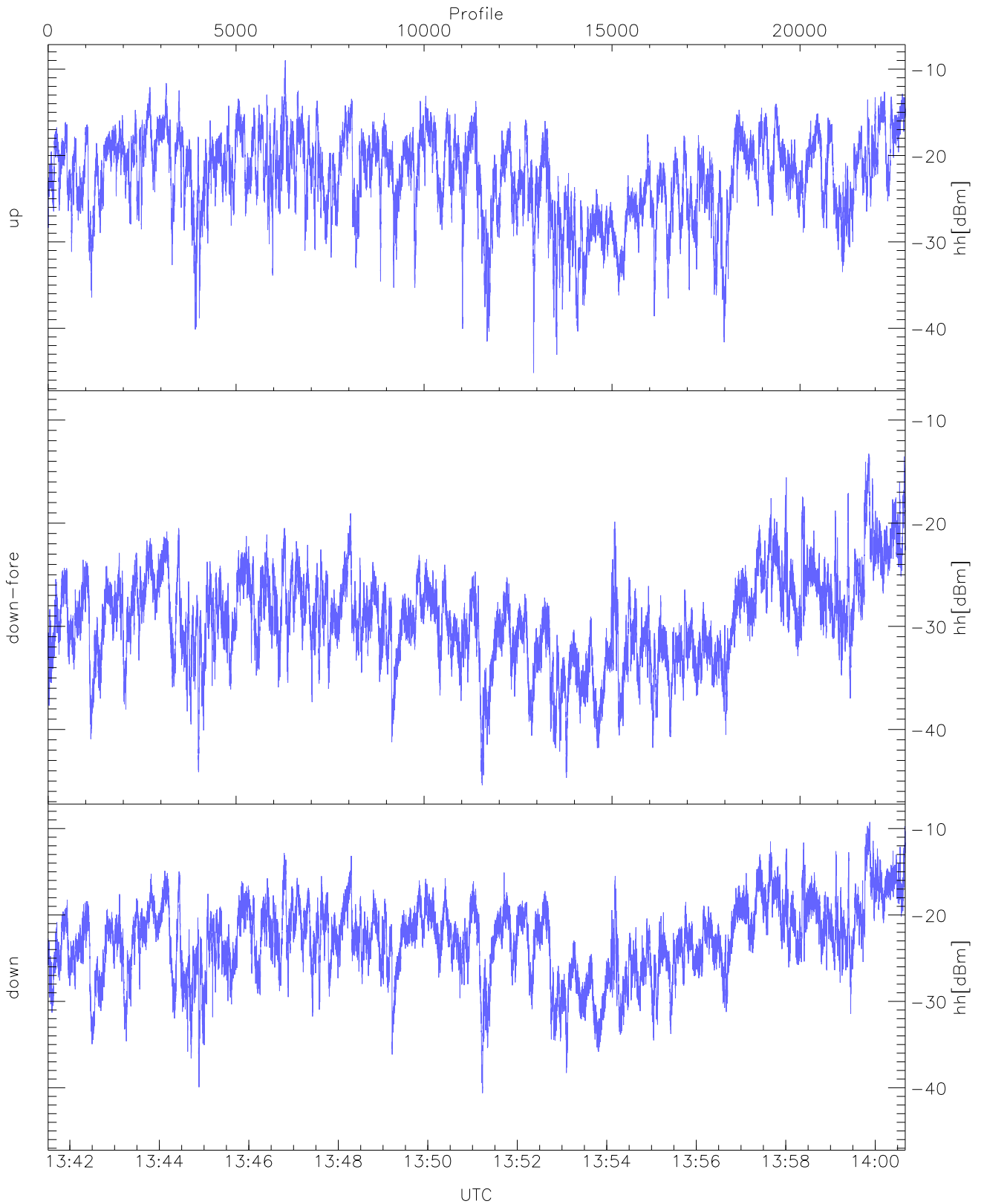
WCR2 CPP Averaged Received power for all recorded gates
blue: 134131-135106, 11401 profiles averaged
red: 135106-140040, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 134131-135106, 11401 profiles averaged
red: 135106-140040, 11400 profiles averaged

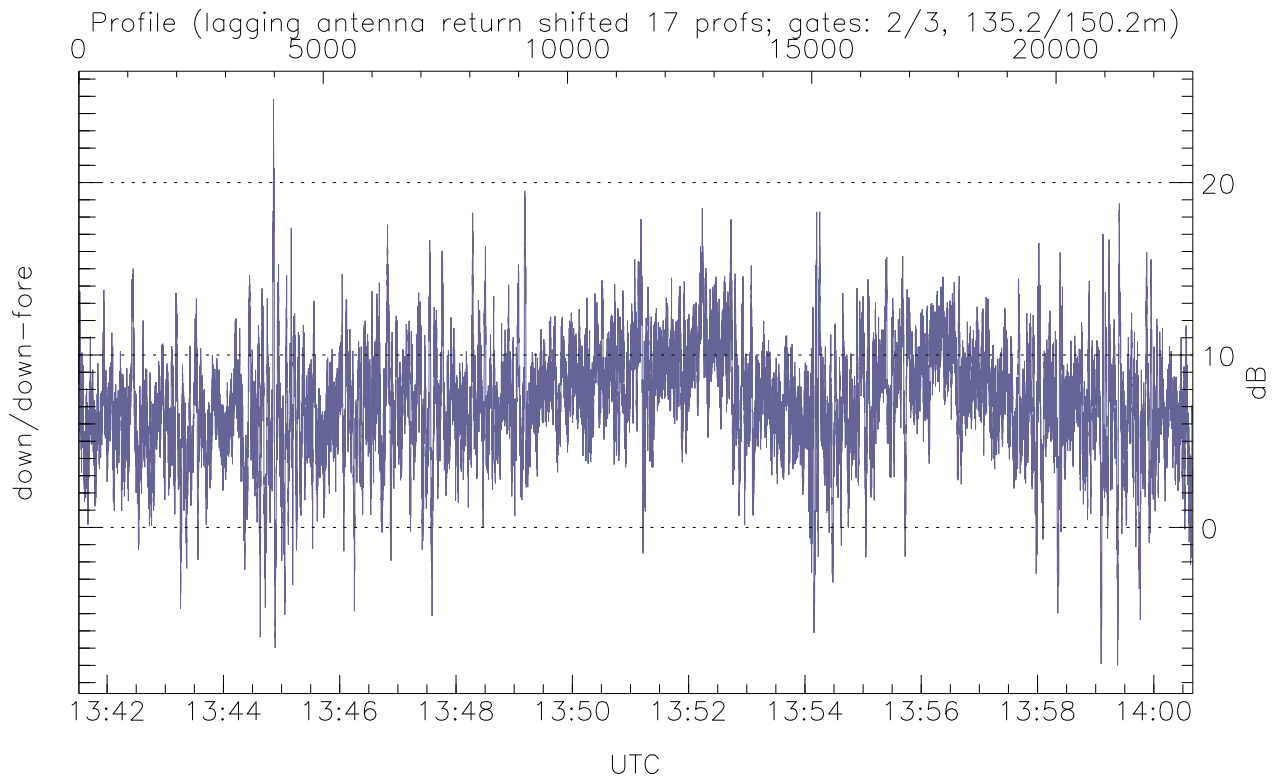
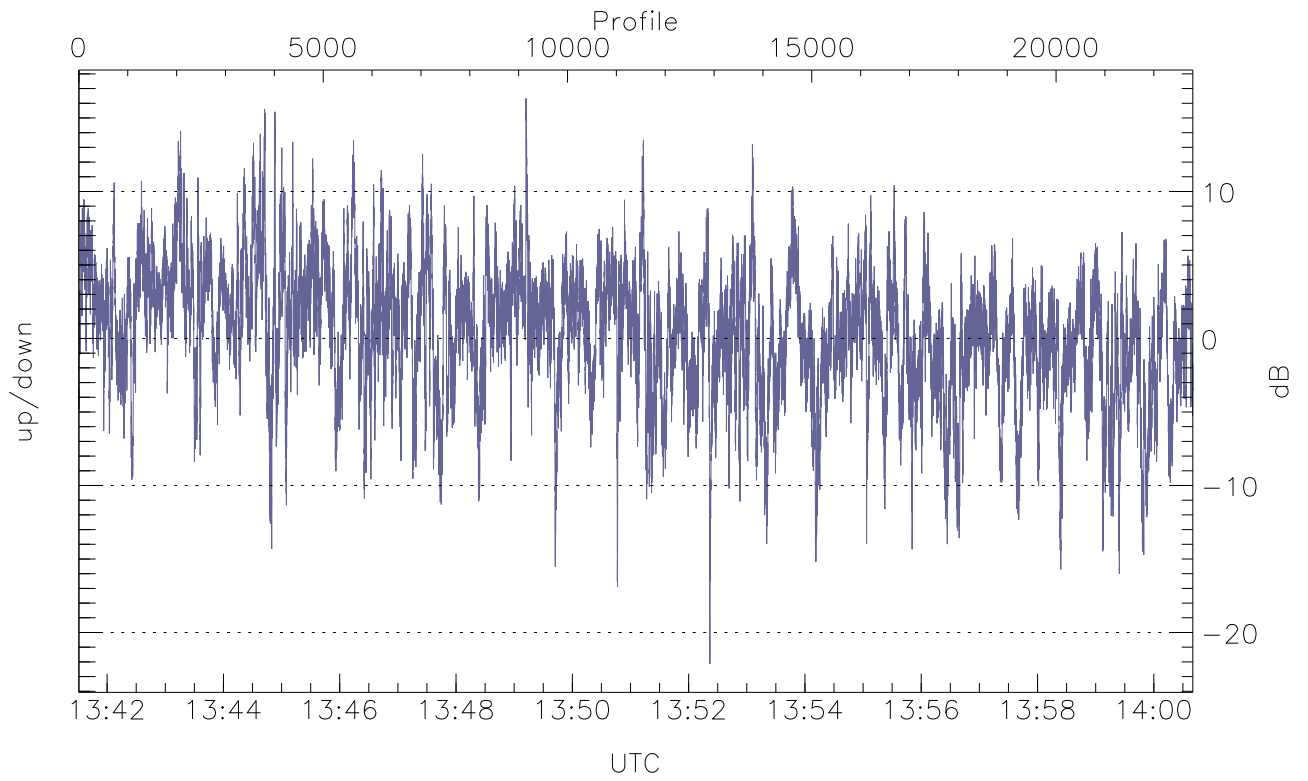


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



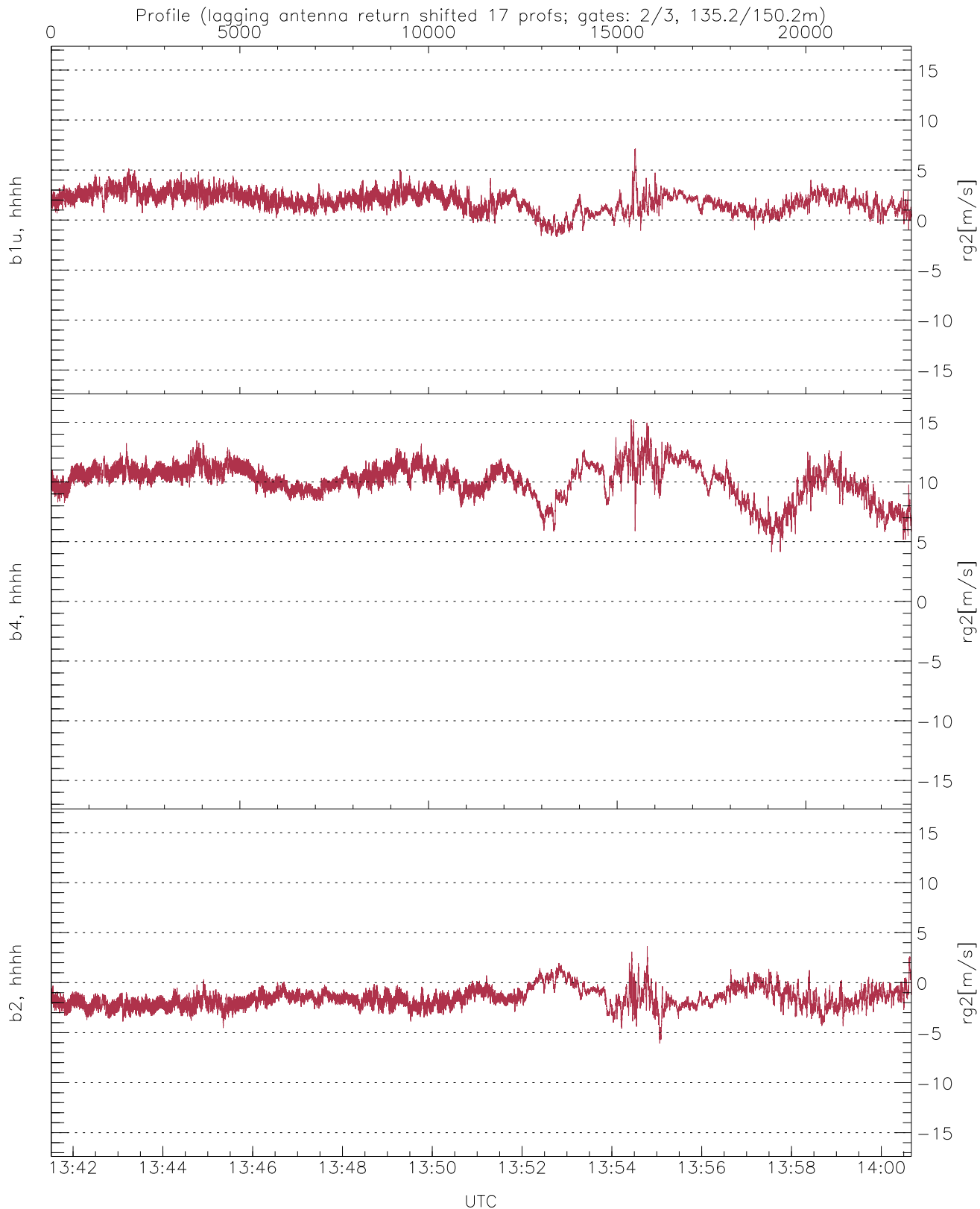
WCR2 CPP Received Power Products for Range gate 2 (135.2 m)

	Min	Max	Mean
up(hh[dBm])	-45.15	-8.98	-20.40
down-fore(hh[dBm])	-45.41	-13.27	-27.05
down(hh[dBm])	-40.62	-9.25	-20.97



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

	Min	Max	Mean
up/down (dB)	-22.15	16.34	0.39
down/down-fore (dB)	-7.99	24.82	7.31



WCR2 CPP Doppler Velocity Products at 135.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg2[m/s])	-1.69	7.15	1.85	1.04
b4, hhhh(rg2[m/s])	4.14	15.25	10.06	1.50
b2, hhhh(rg2[m/s])	-6.08	3.66	-1.56	0.99