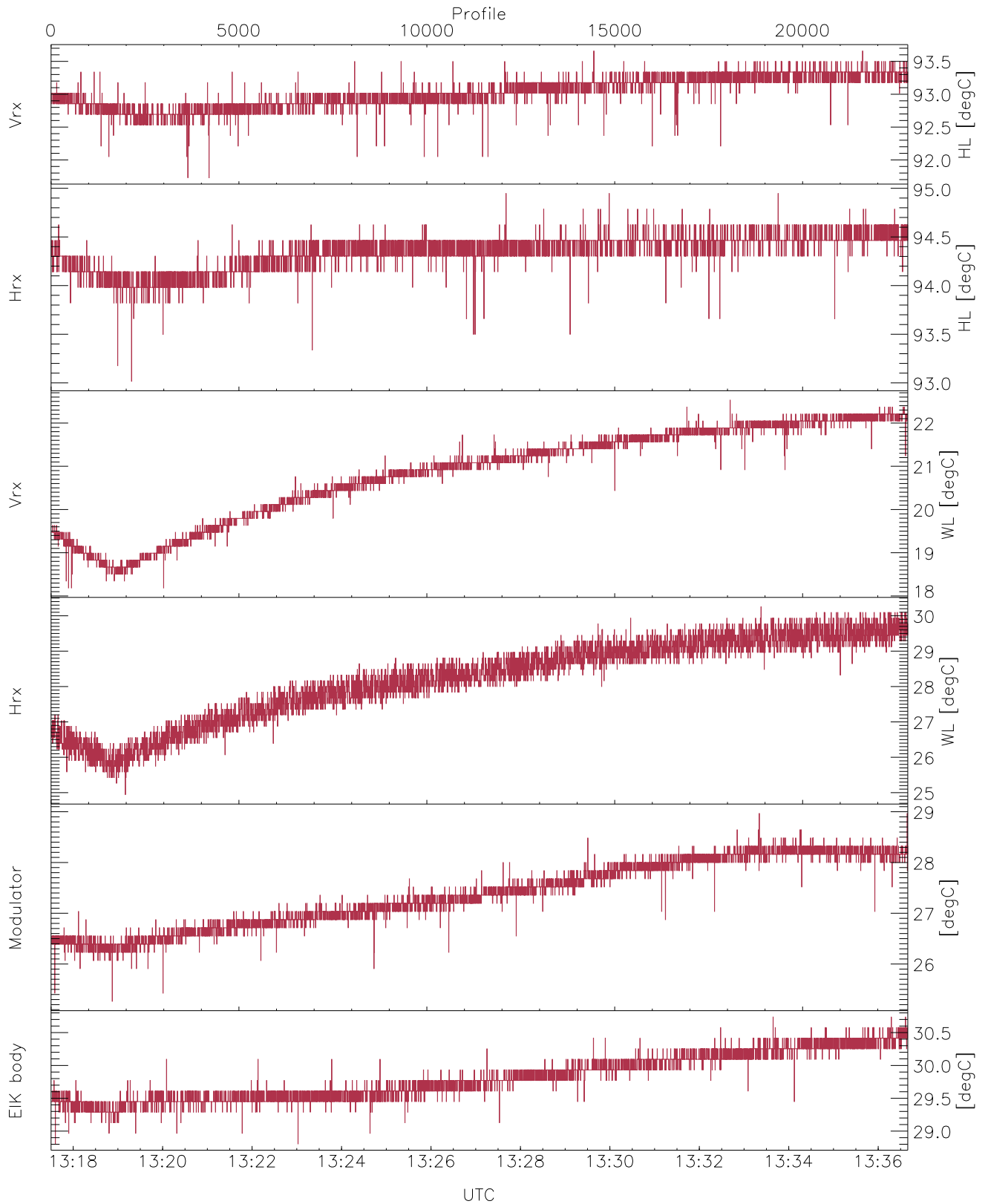


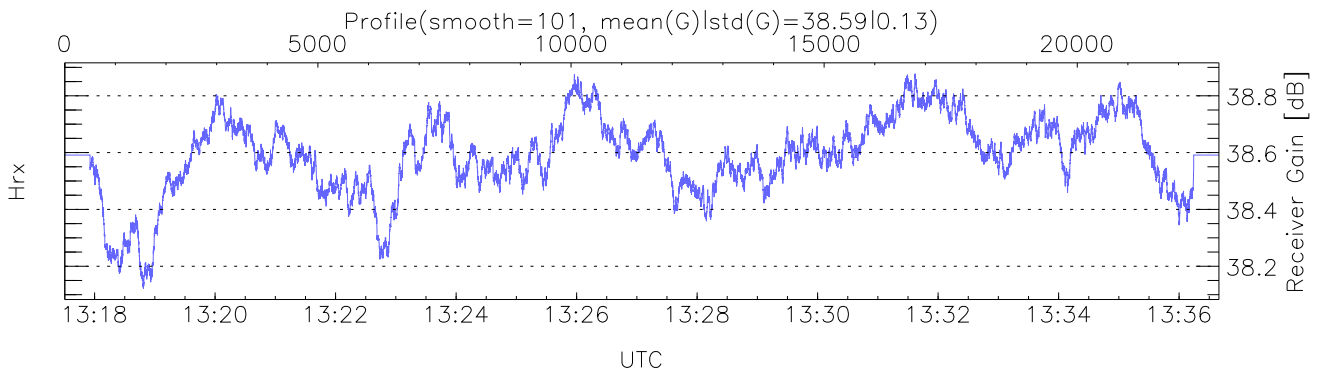
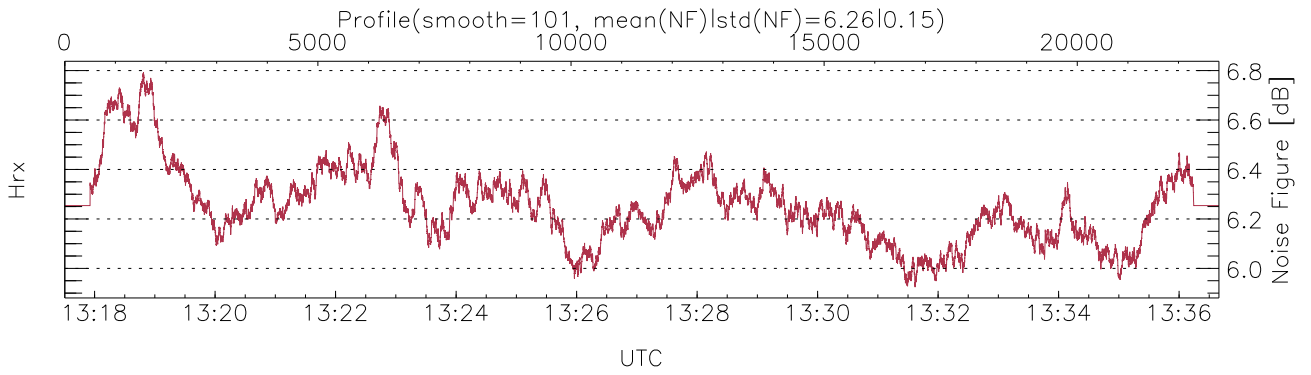
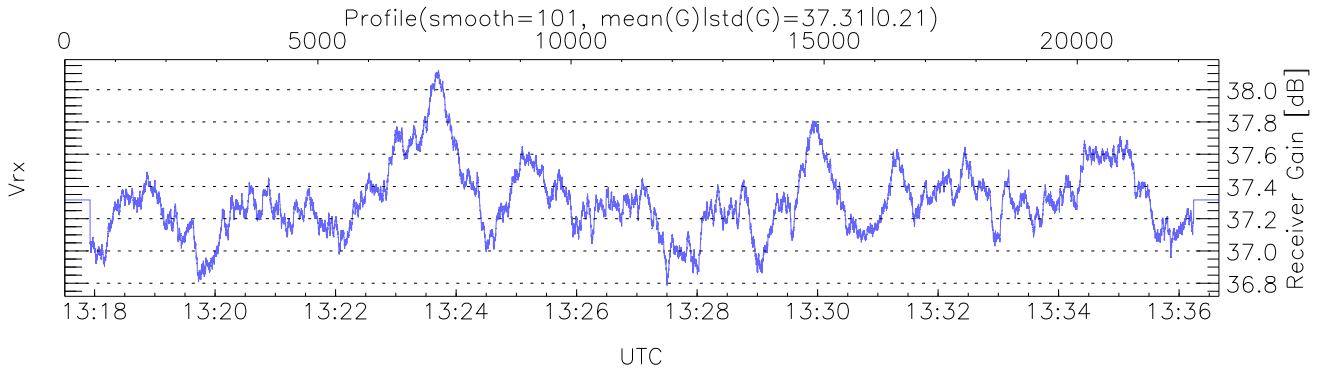
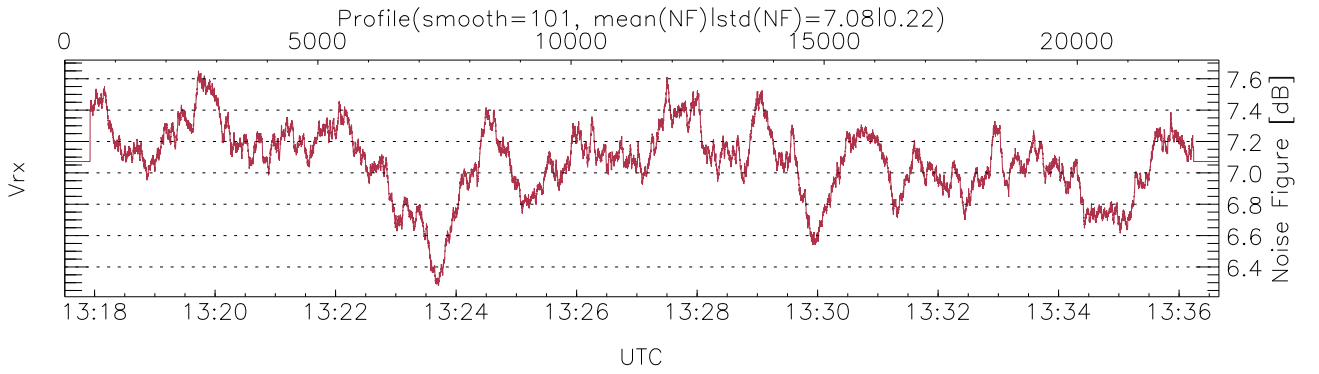
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 13:17:30-13:54:38, Dur: 2227.68s
 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): 22800/44190, 0-22799/13:17:30-13:36:40
 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



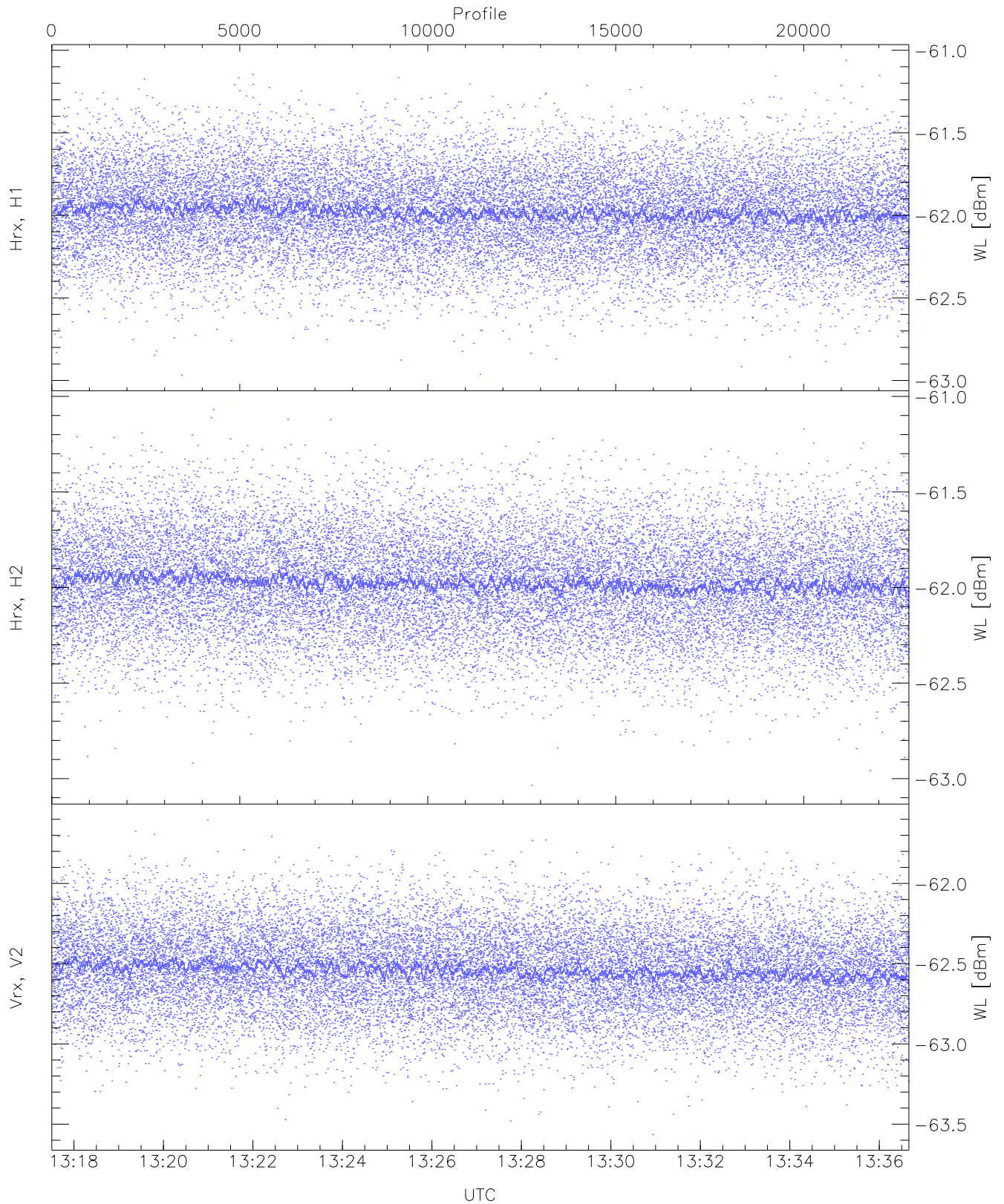
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,18,24,25,28`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,22,30,28,30`
`LOalarm(20,80,240,2.8,14.8 MHz): 22,0,0,0,0`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (11,11,11,11,16,5)`



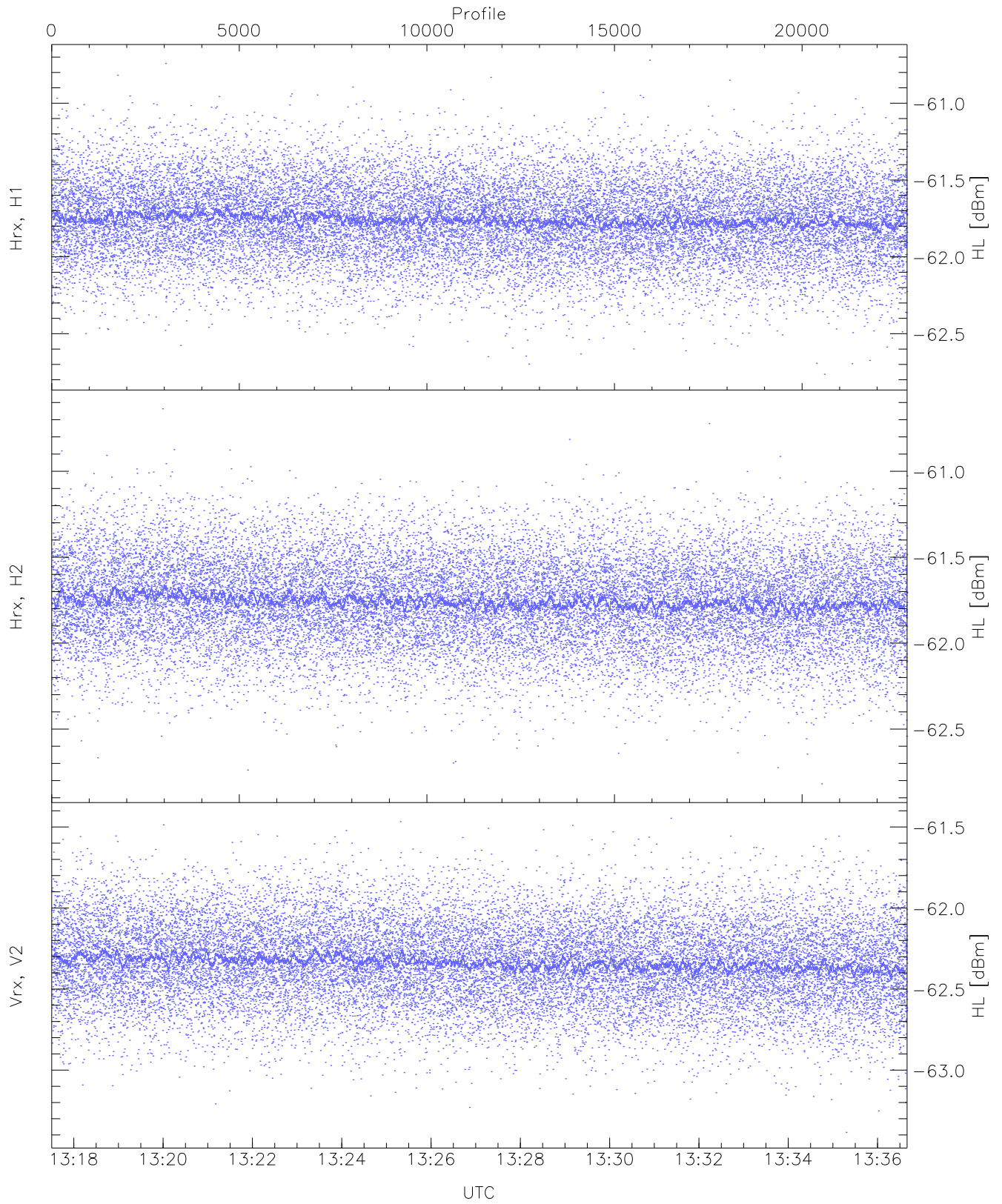
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 17230 pixs, 41 gates, 16239 profs, 1 prods



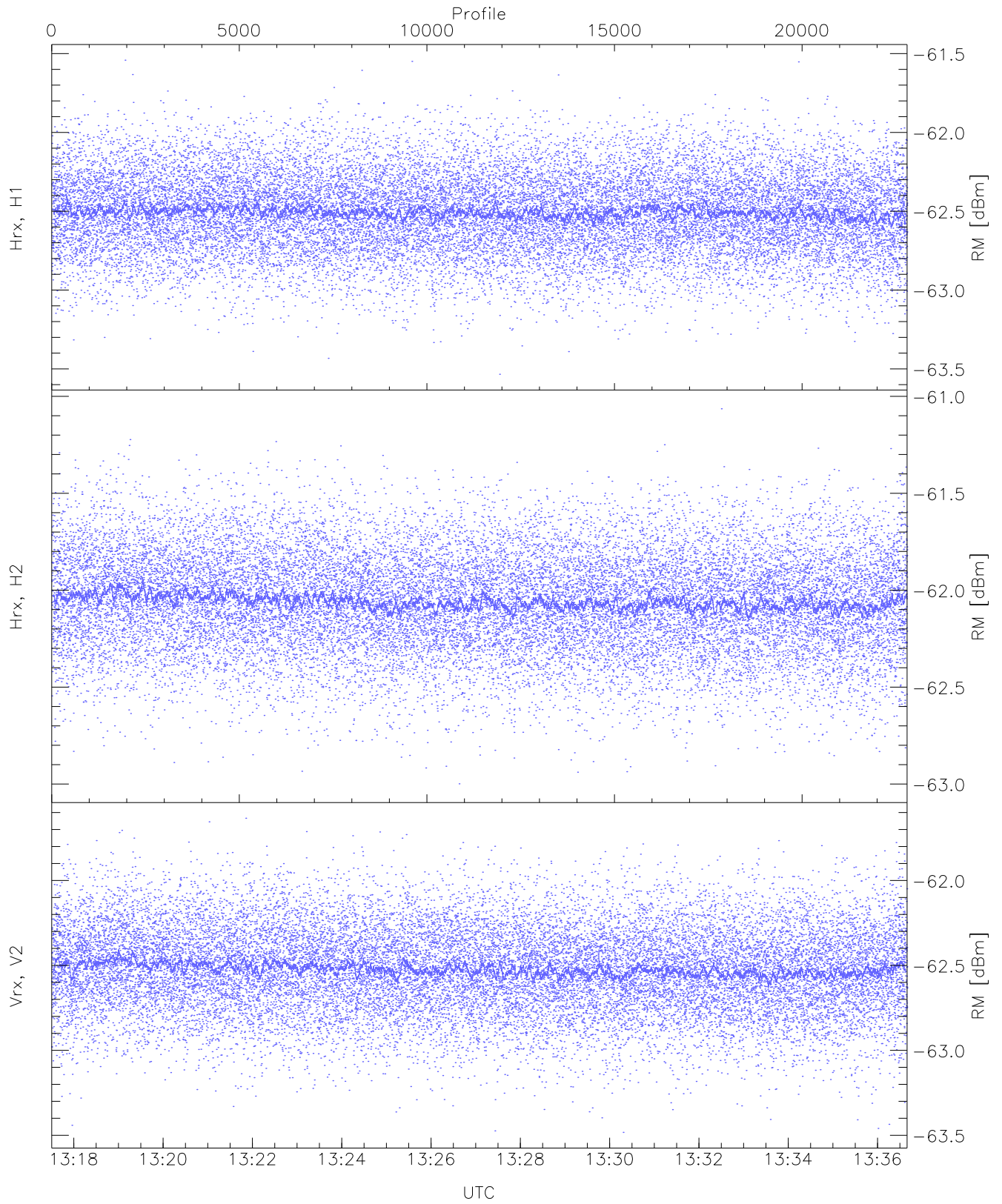
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.97	-61.06	-61.98	-61.98	-74.52
Hrx, H2 (WL [dBm])	-63.03	-61.07	-61.97	-61.98	-74.56
Vrx, V2 (WL [dBm])	-63.56	-61.60	-62.54	-62.54	-75.08



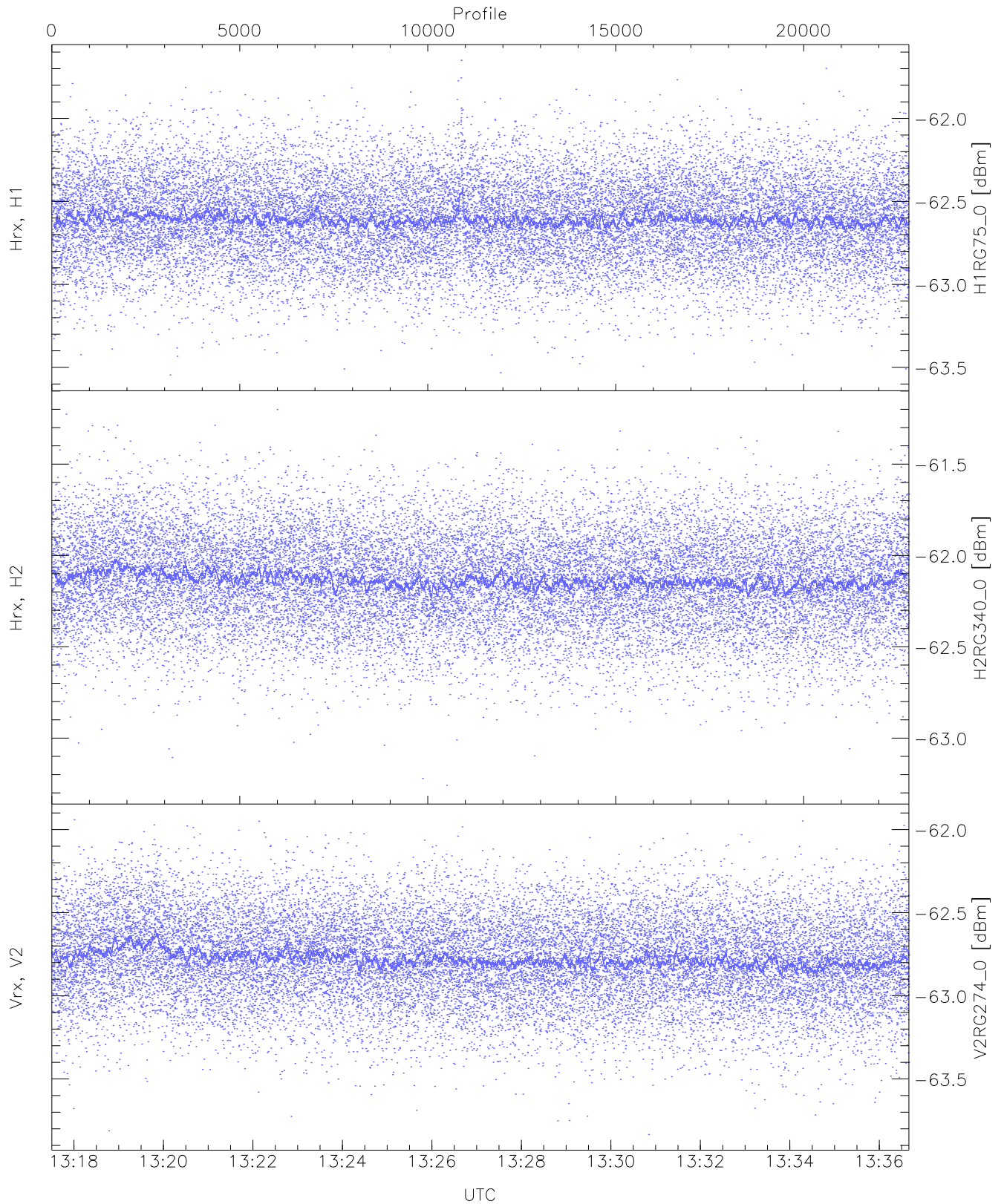
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.76	-60.72	-61.75	-61.76	-74.32
Hrx, H2 (HL [dBm])	-62.82	-60.64	-61.75	-61.76	-74.31
Vrx, V2 (HL [dBm])	-63.38	-61.45	-62.33	-62.34	-74.88



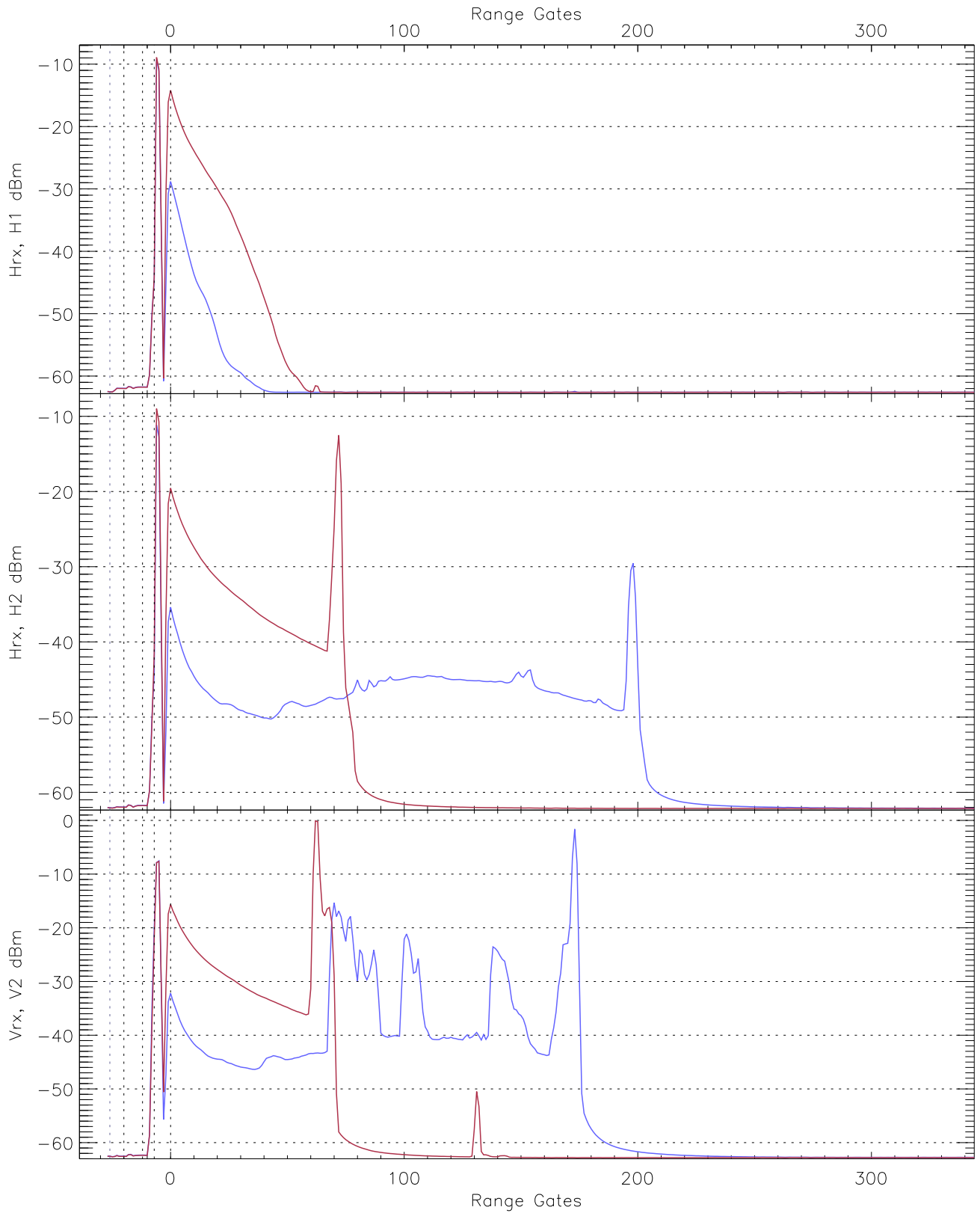
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.53	-61.54	-62.50	-62.51	-75.03
Hrx, H2 (RM [dBm])	-63.00	-61.06	-62.06	-62.06	-74.58
Vrx, V2 (RM [dBm])	-63.48	-61.63	-62.52	-62.52	-75.08

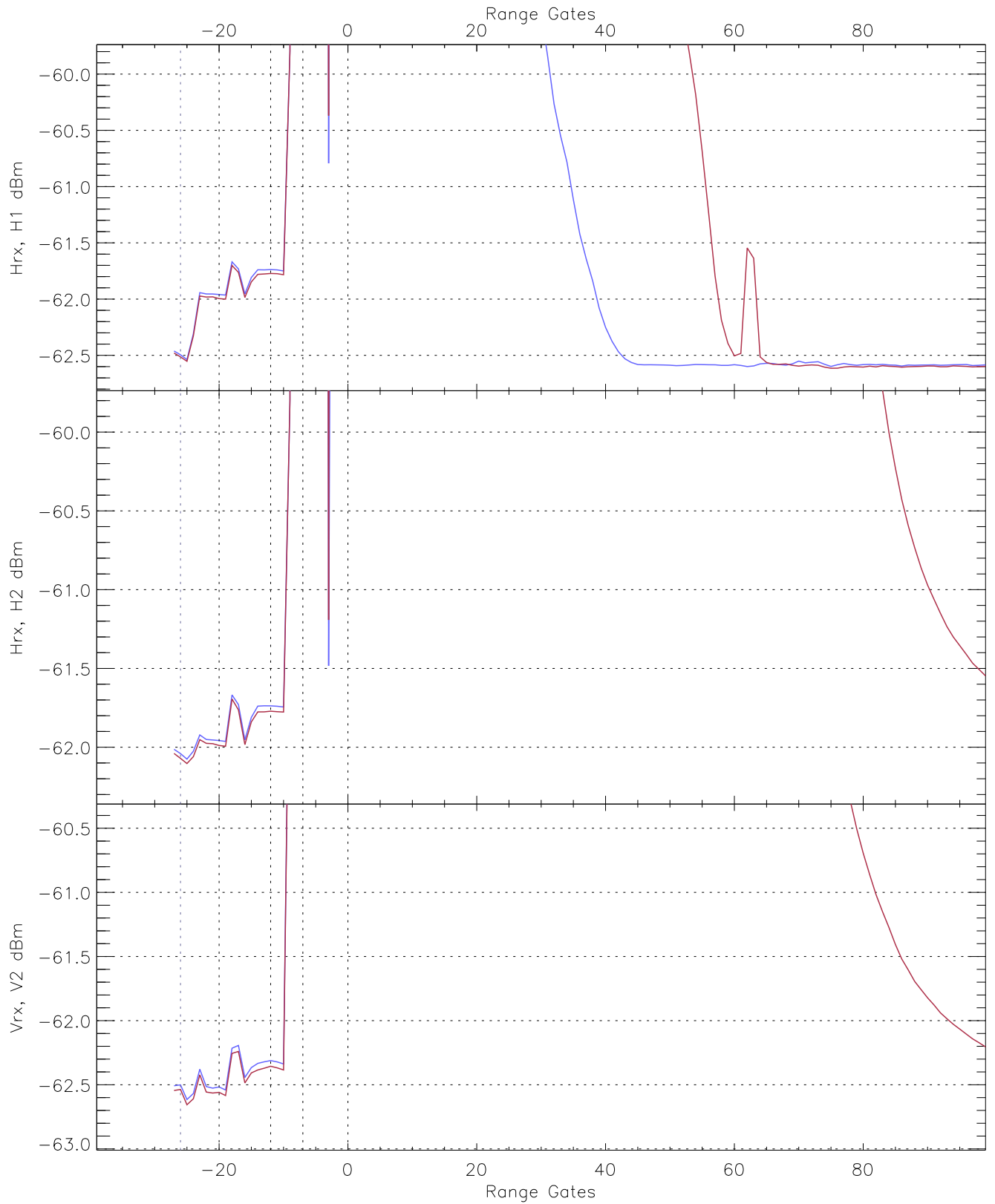


WCR2 CPP "Best" estimate Receivers Noise Power

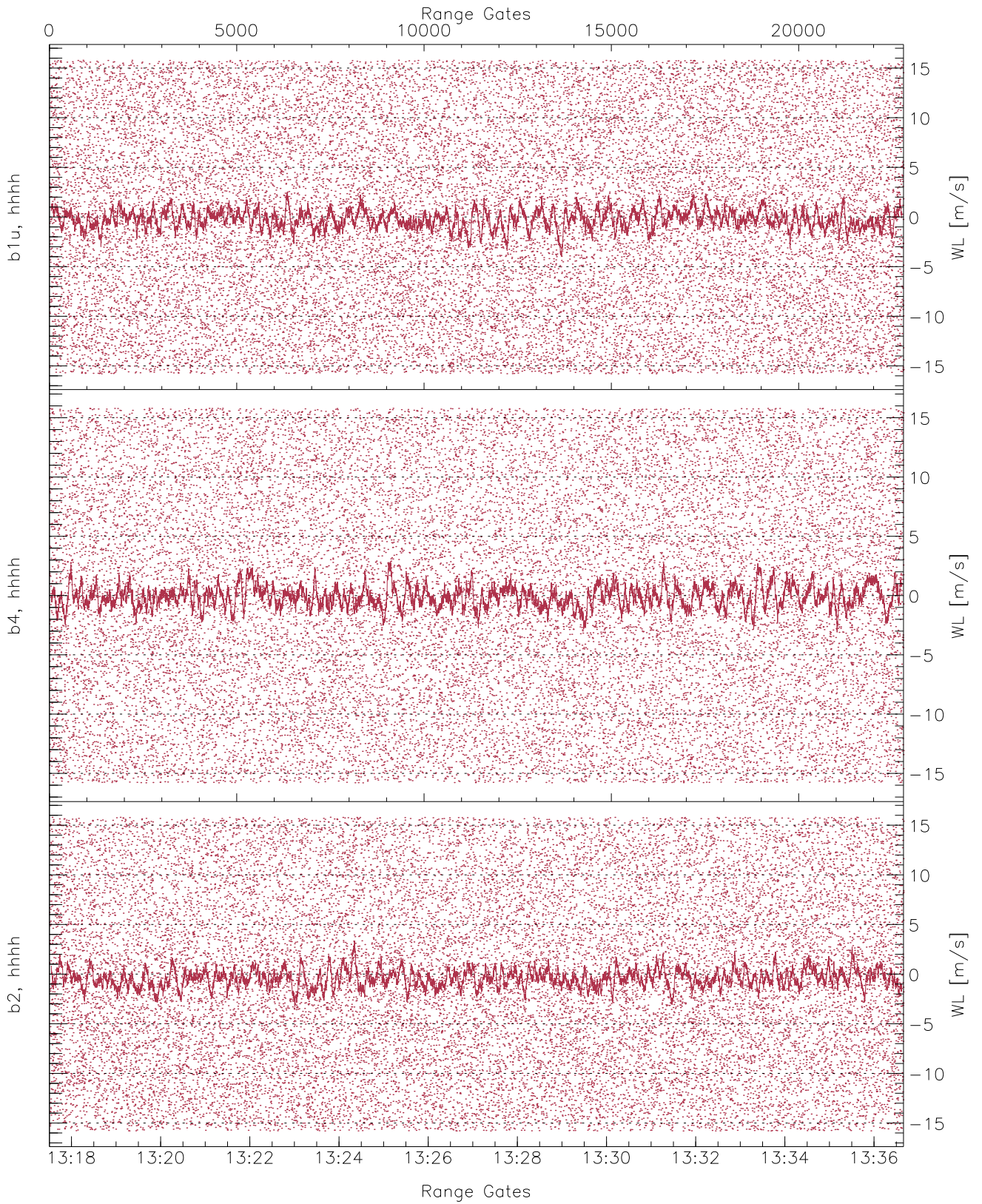
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.55	-61.65	-62.61	-62.61	-75.18
H2RG340_0 [dBm]	-63.26	-61.20	-62.13	-62.14	-74.68
V2RG274_0 [dBm]	-63.83	-61.94	-62.77	-62.78	-75.27



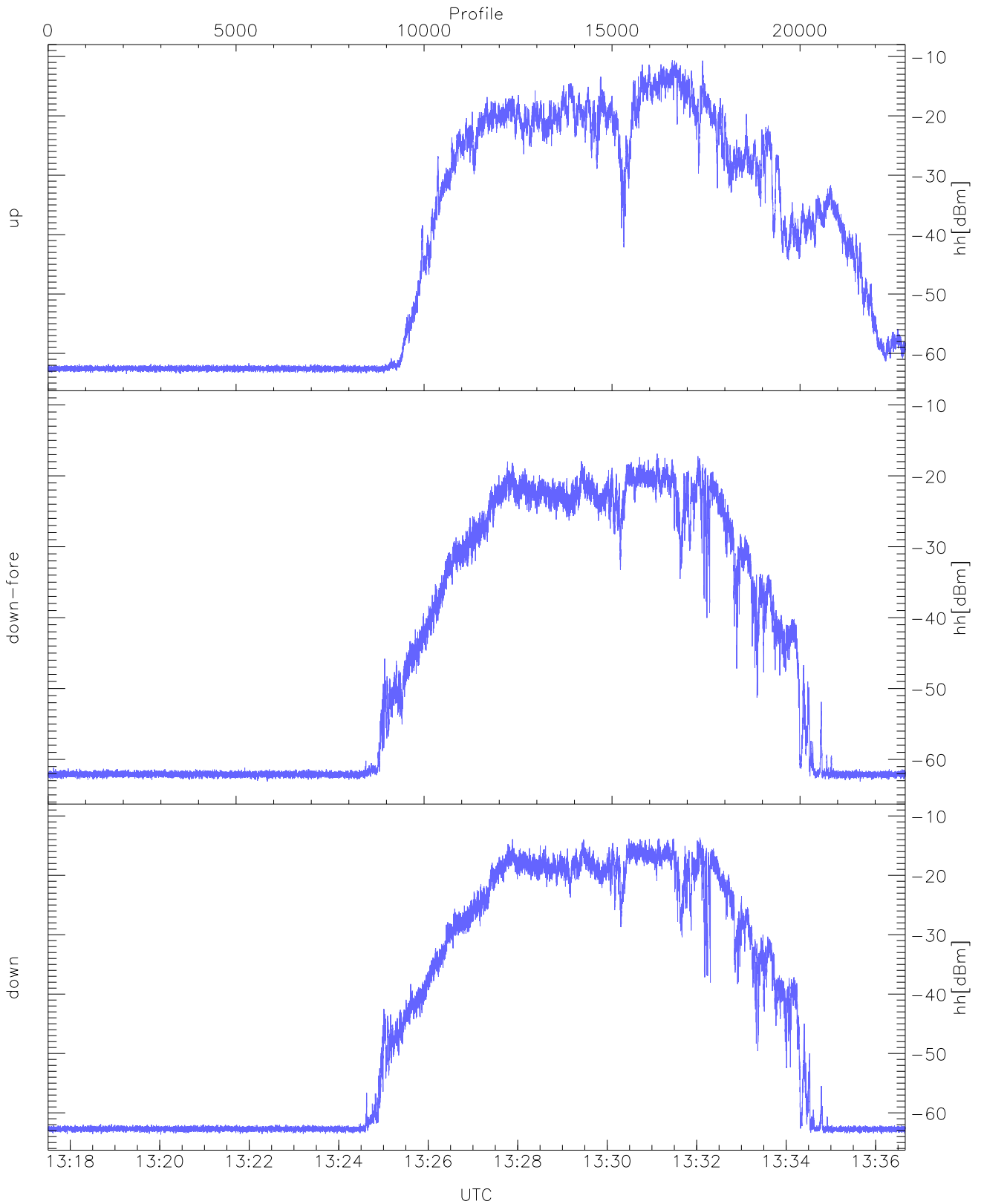
WCR2 CPP Averaged Received power for all recorded gates
blue: 131730-132705, 11401 profiles averaged
red: 132705-133640, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 131730-132705, 11401 profiles averaged
red: 132705-133640, 11400 profiles averaged

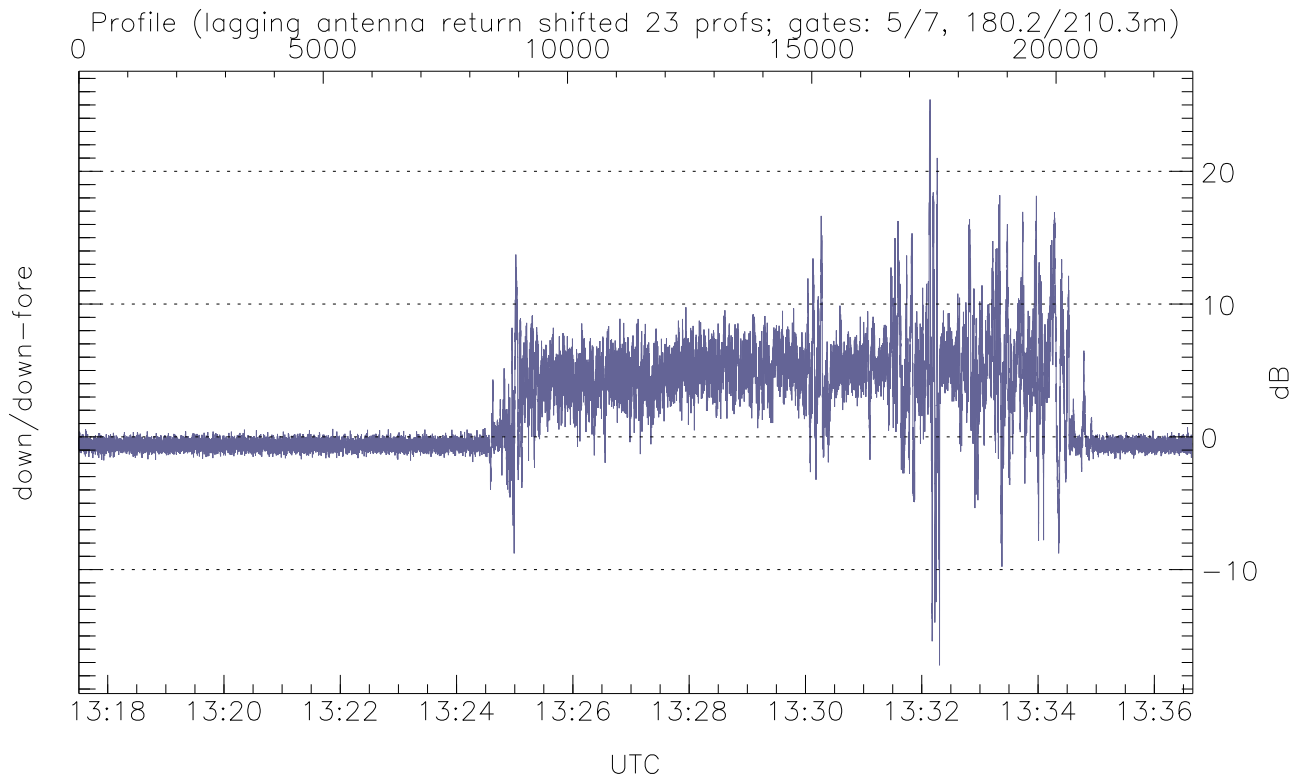
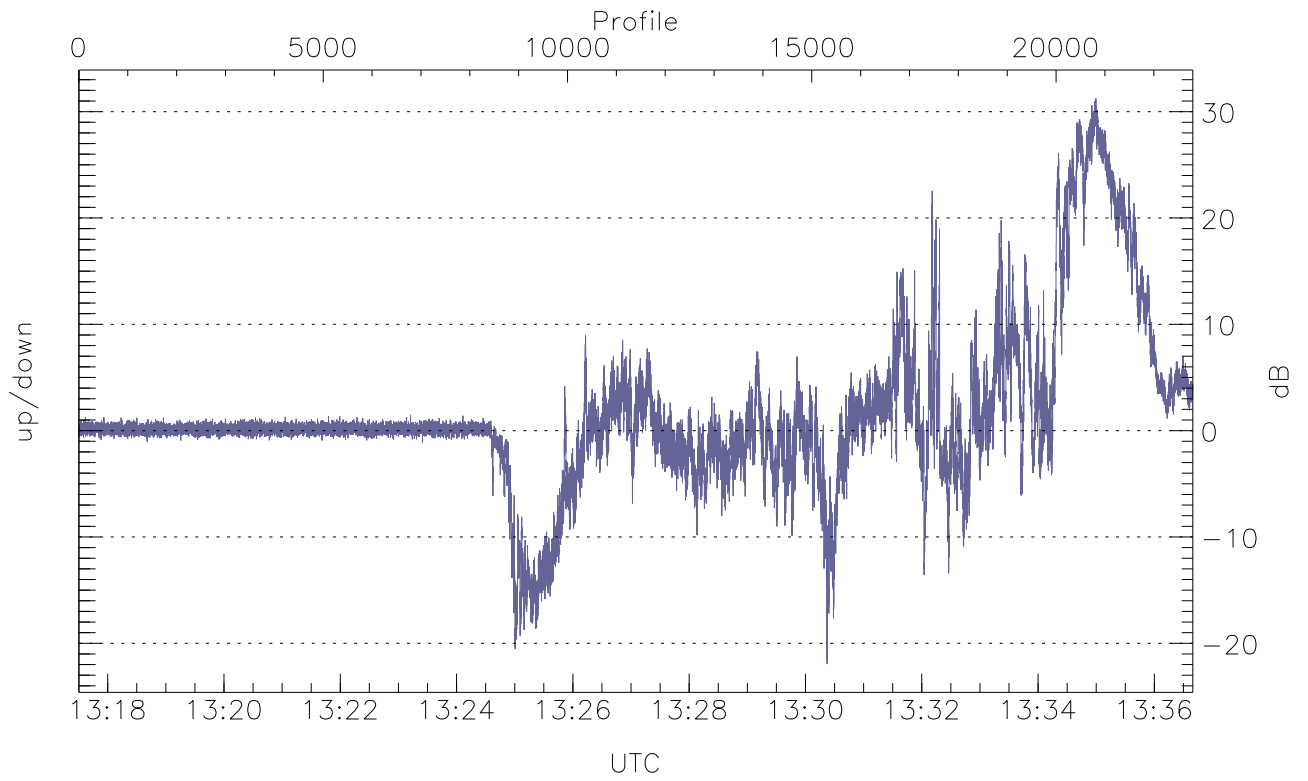


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



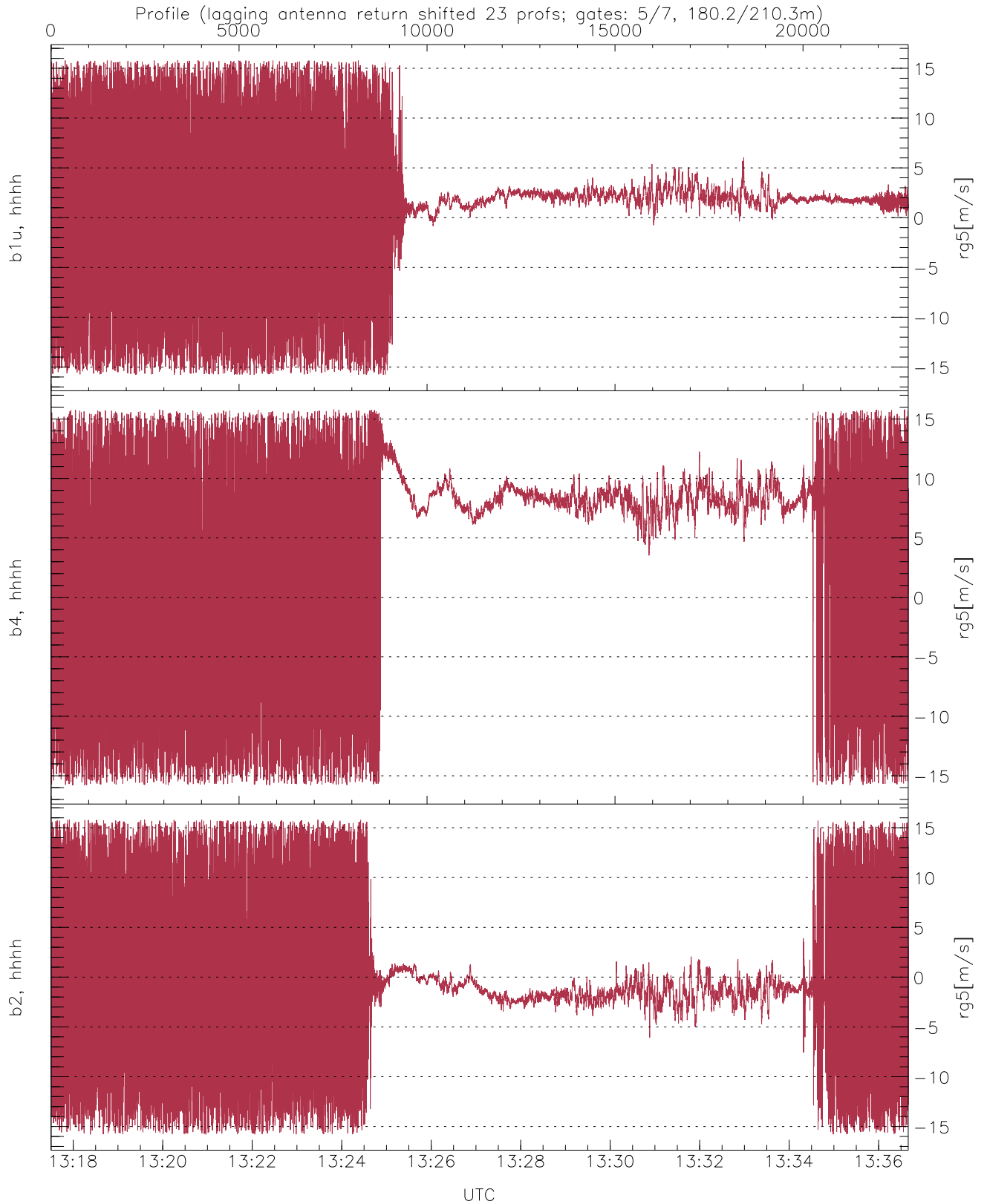
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.47	-10.65	-23.03
down-fore(hh[dBm])	-63.12	-16.87	-27.25
down(hh[dBm])	-63.64	-13.69	-23.43



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

	Min	Max	Mean
up/down (dB)	-21.95	31.25	1.55
down/down-fore (dB)	-17.21	25.41	2.22



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	1.21	5.73
b4, hhhh(rg5[m/s])	-15.80	15.80	4.39	7.68
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.84	6.20