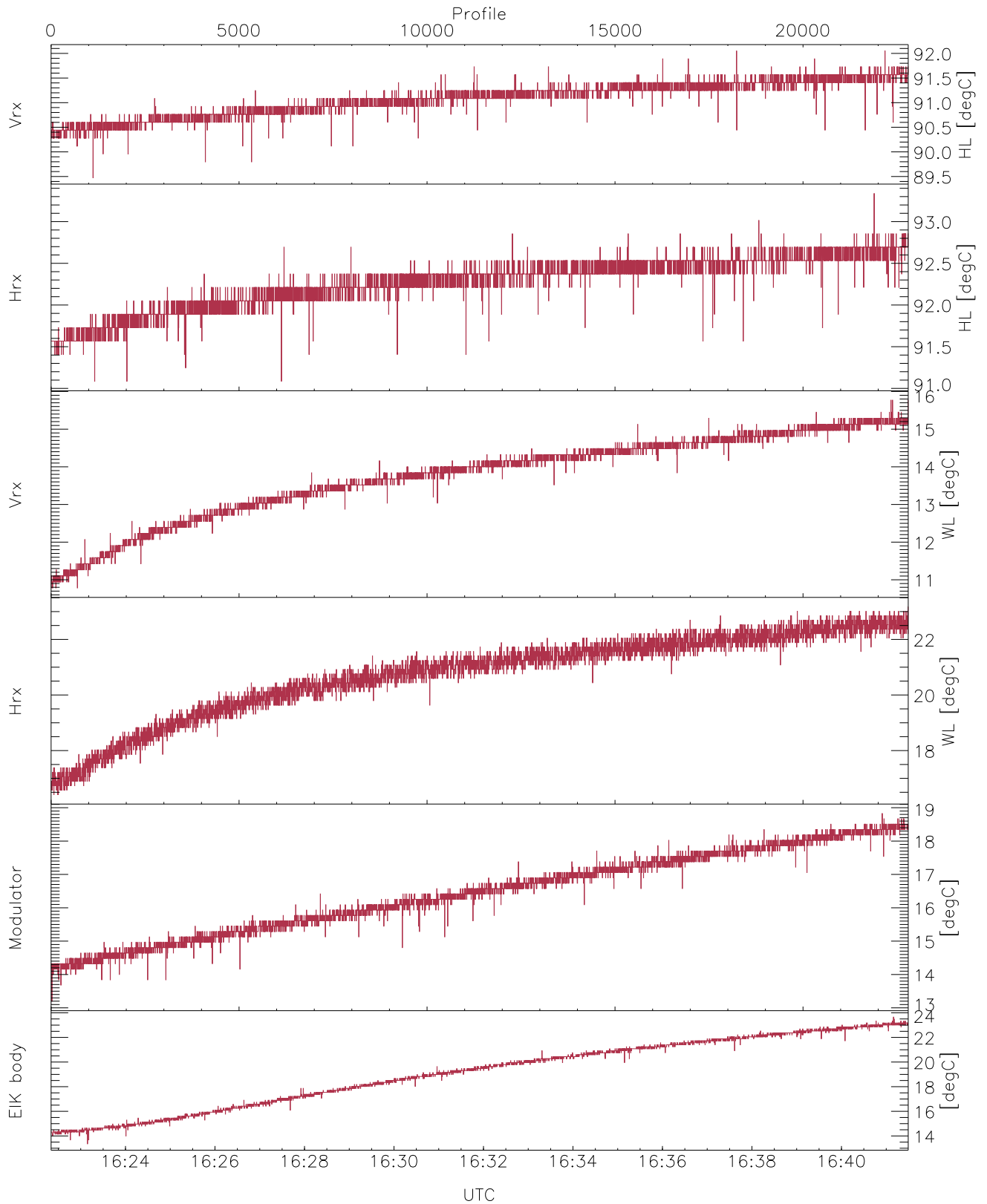


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

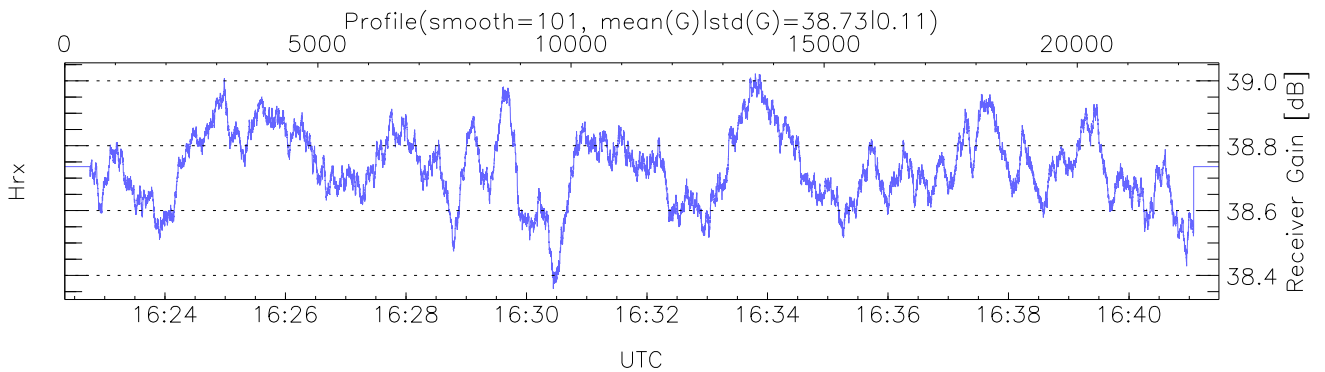
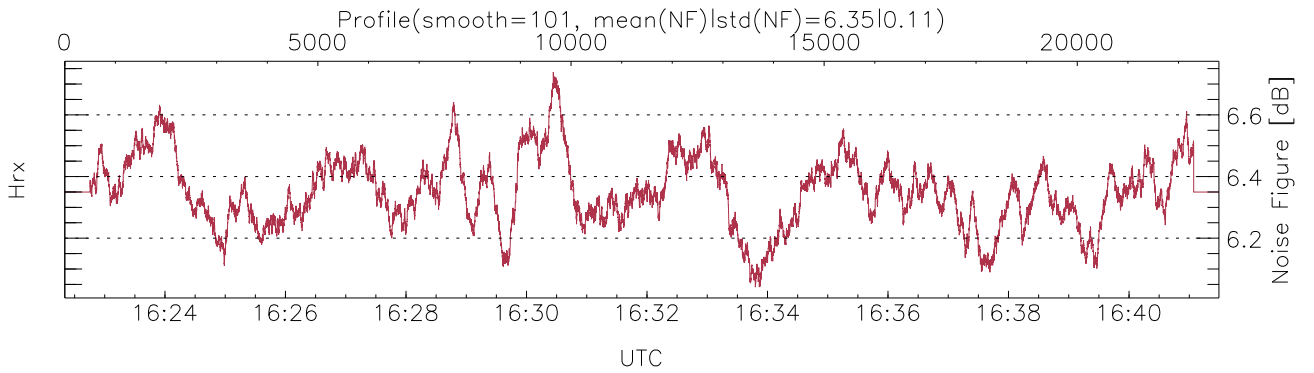
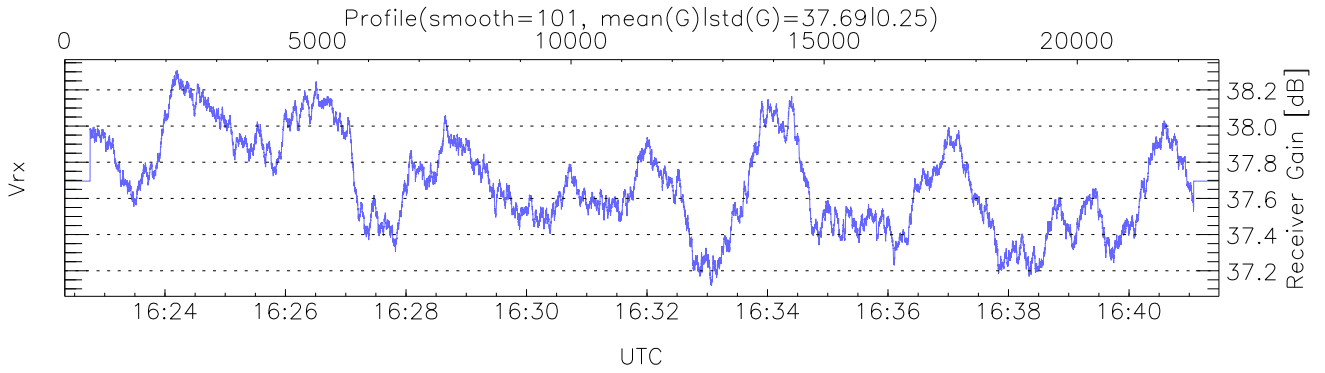
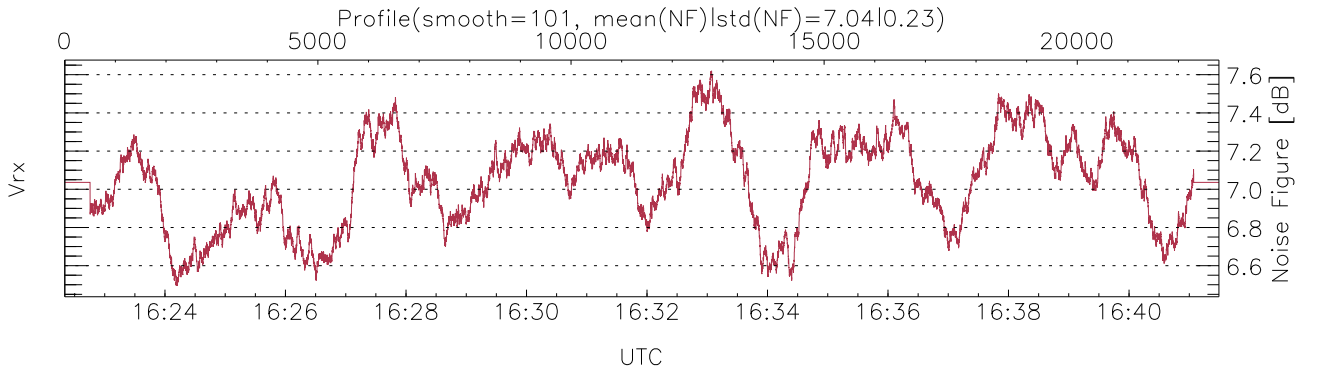
UTC: 16:22:20-16:52:52, Dur: 1832.20s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22800/36345, 0-22799/16:22:20-16:41:30
 AcqTime: 50.4ms, Rate: 268kB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

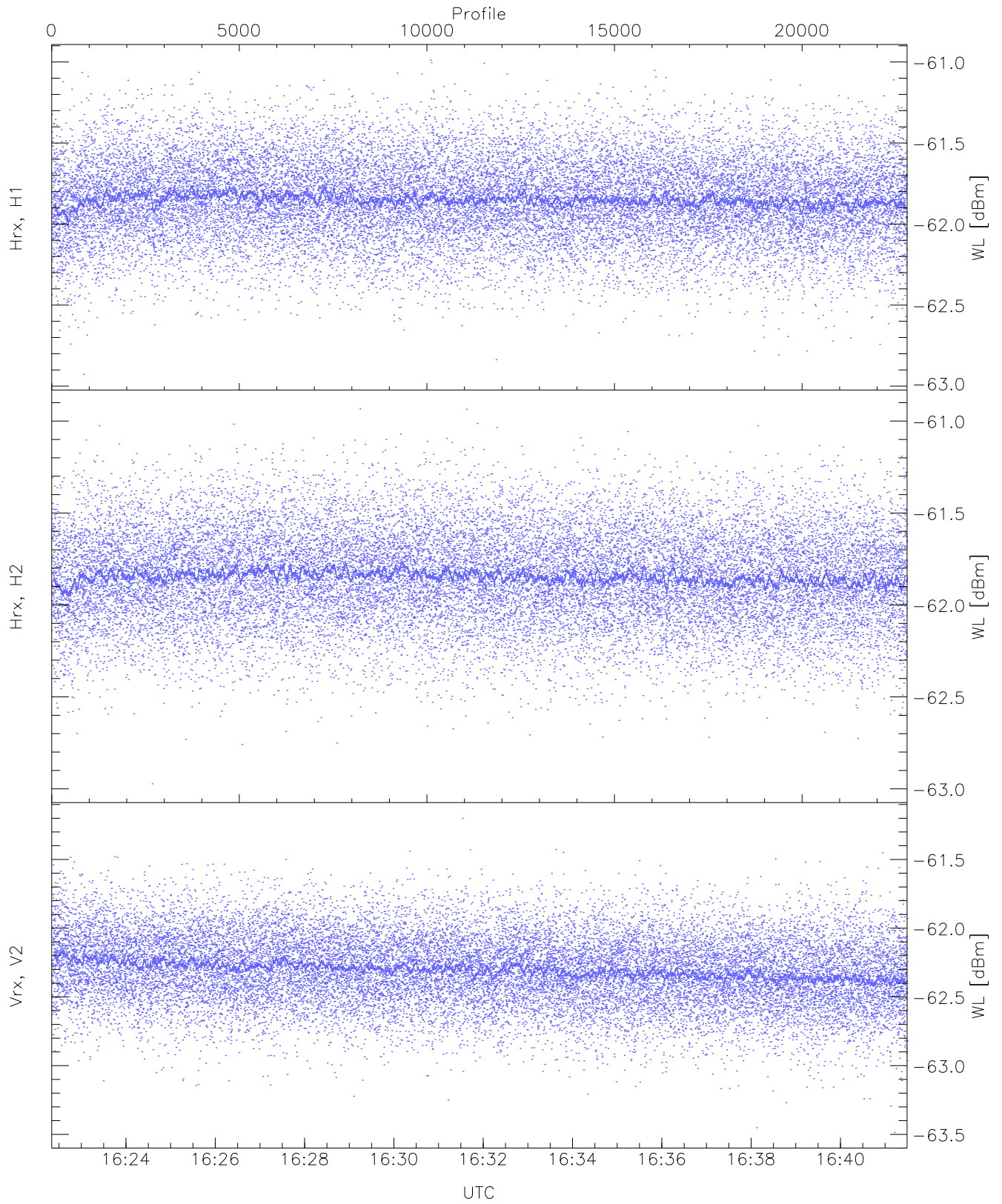
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,10,16,13,13`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,15,23,18,23`
`LOalarm(20,80,240,2.8,14.8 MHz): None`

`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (16,16,16,16,16,15)`



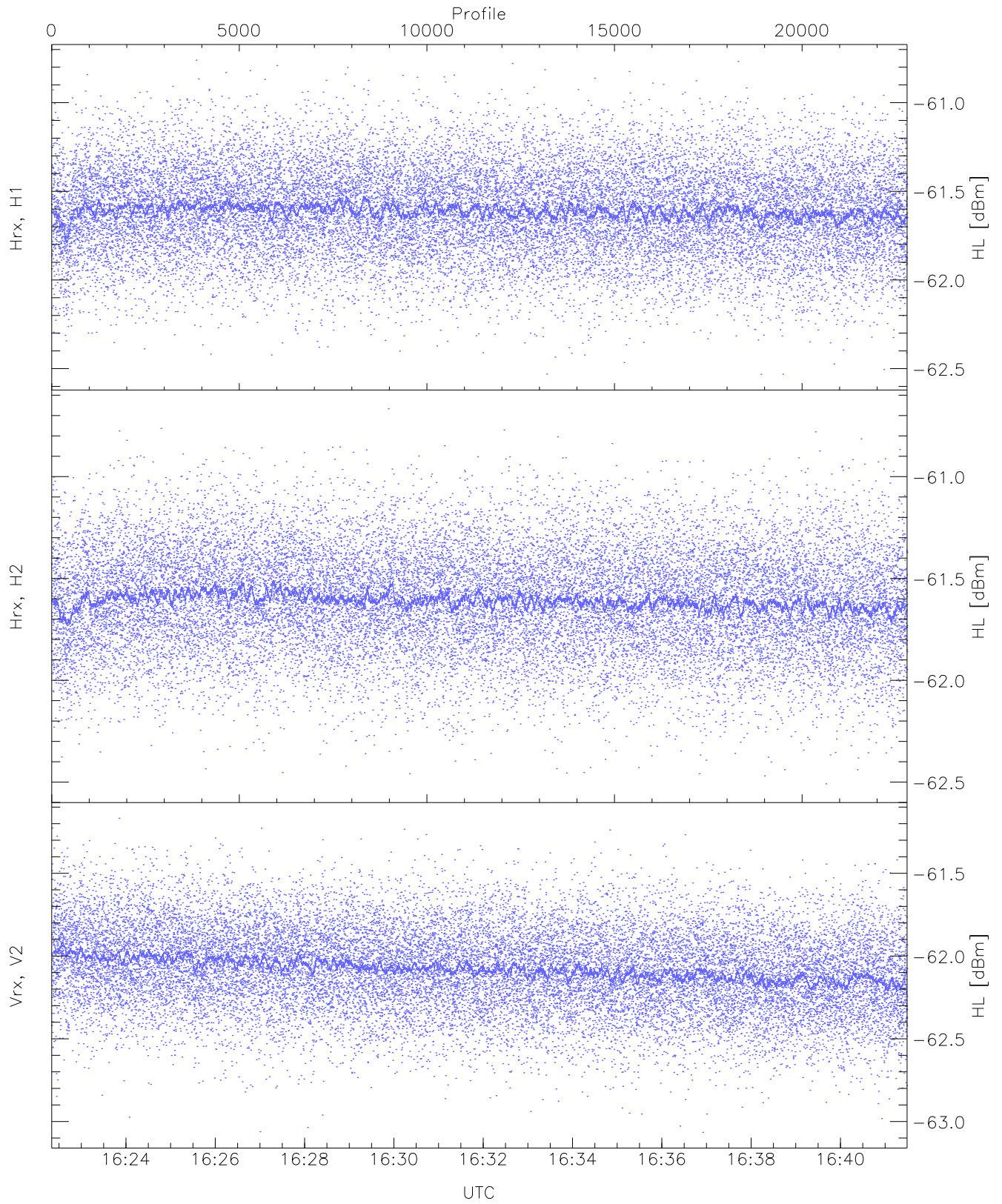
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2798 pixs, 49 gates, 2586 profs, 1 prods



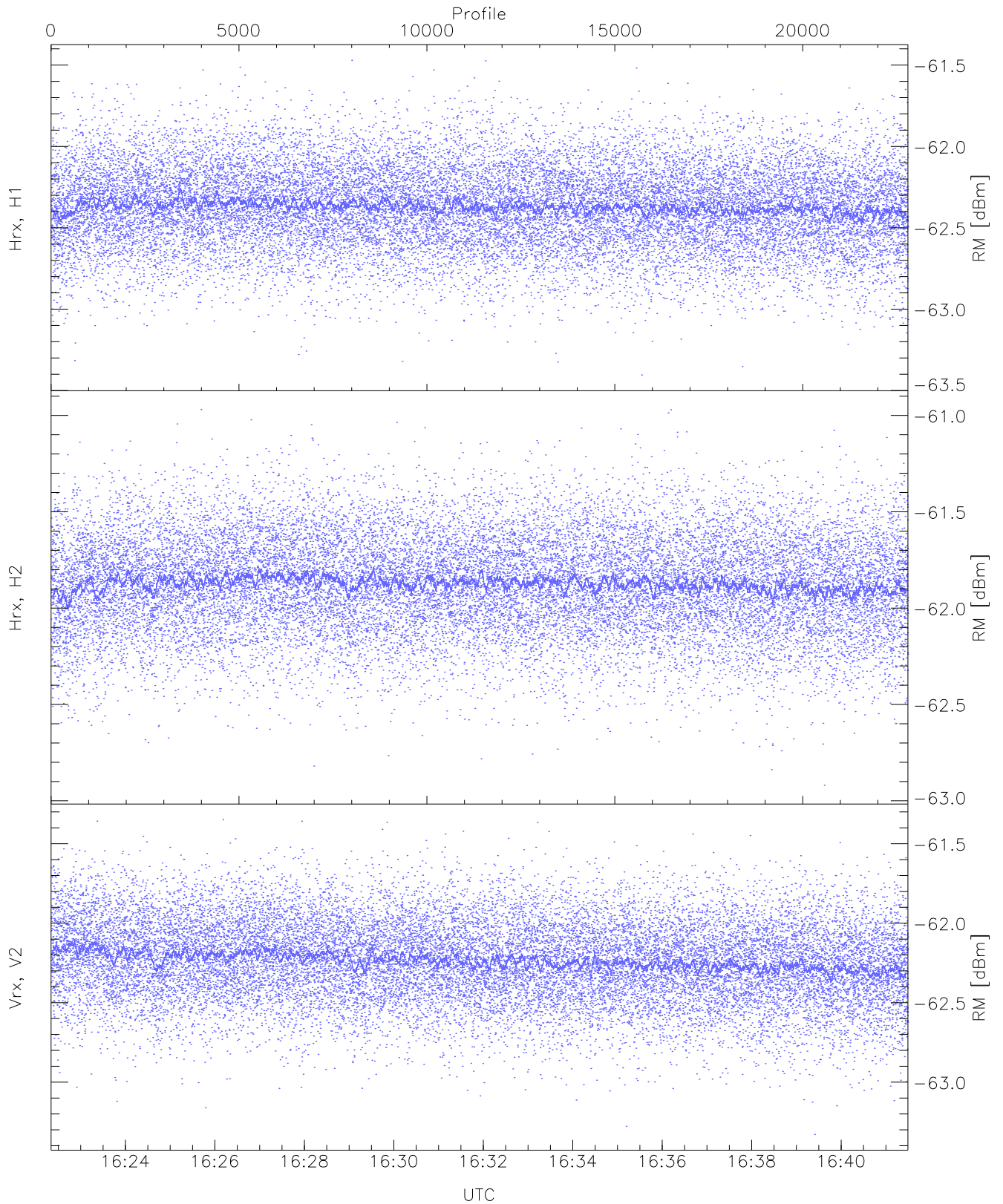
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.93	-60.99	-61.85	-61.85	-74.41
Hrx, H2 (WL [dBm])	-62.97	-60.93	-61.84	-61.85	-74.39
Vrx, V2 (WL [dBm])	-63.49	-61.20	-62.30	-62.31	-74.74



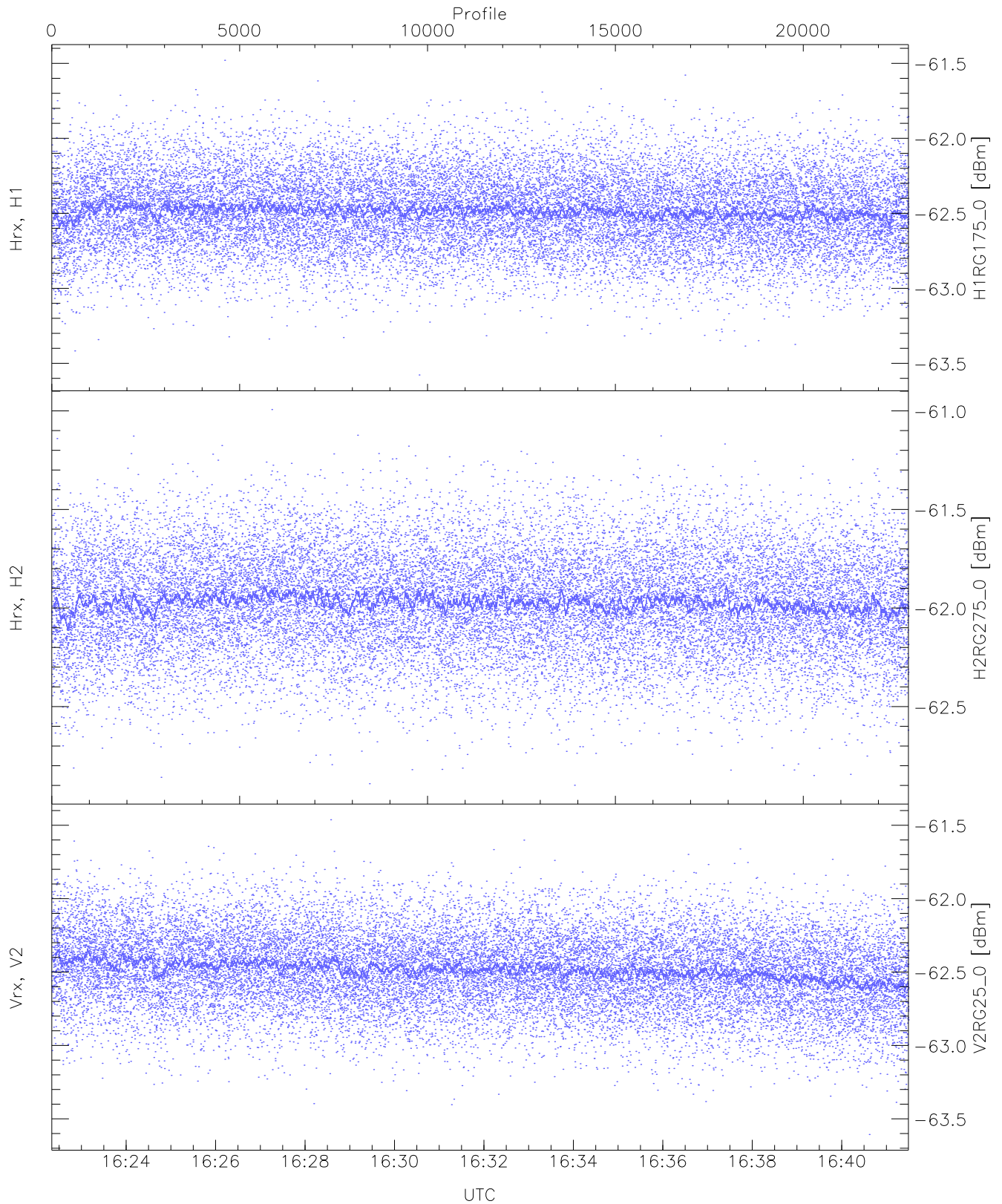
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.53	-60.76	-61.61	-61.61	-74.18
Hrx, H2 (HL [dBm])	-62.51	-60.67	-61.61	-61.61	-74.14
Vrx, V2 (HL [dBm])	-63.07	-61.17	-62.07	-62.08	-74.56



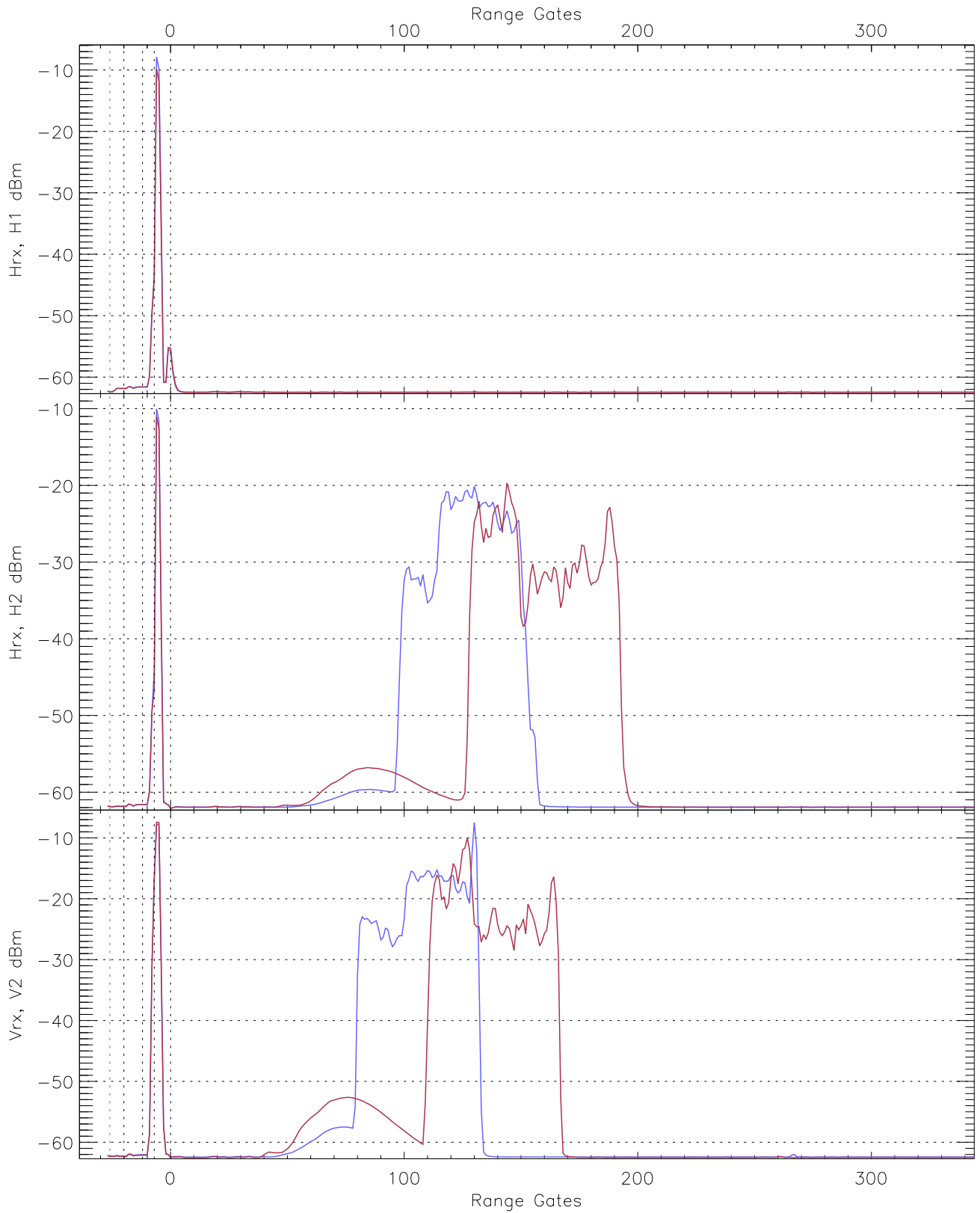
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.40	-61.47	-62.37	-62.37	-74.90
Hrx, H2 (RM [dBm])	-62.92	-60.97	-61.87	-61.87	-74.43
Vrx, V2 (RM [dBm])	-63.33	-61.35	-62.23	-62.24	-74.70

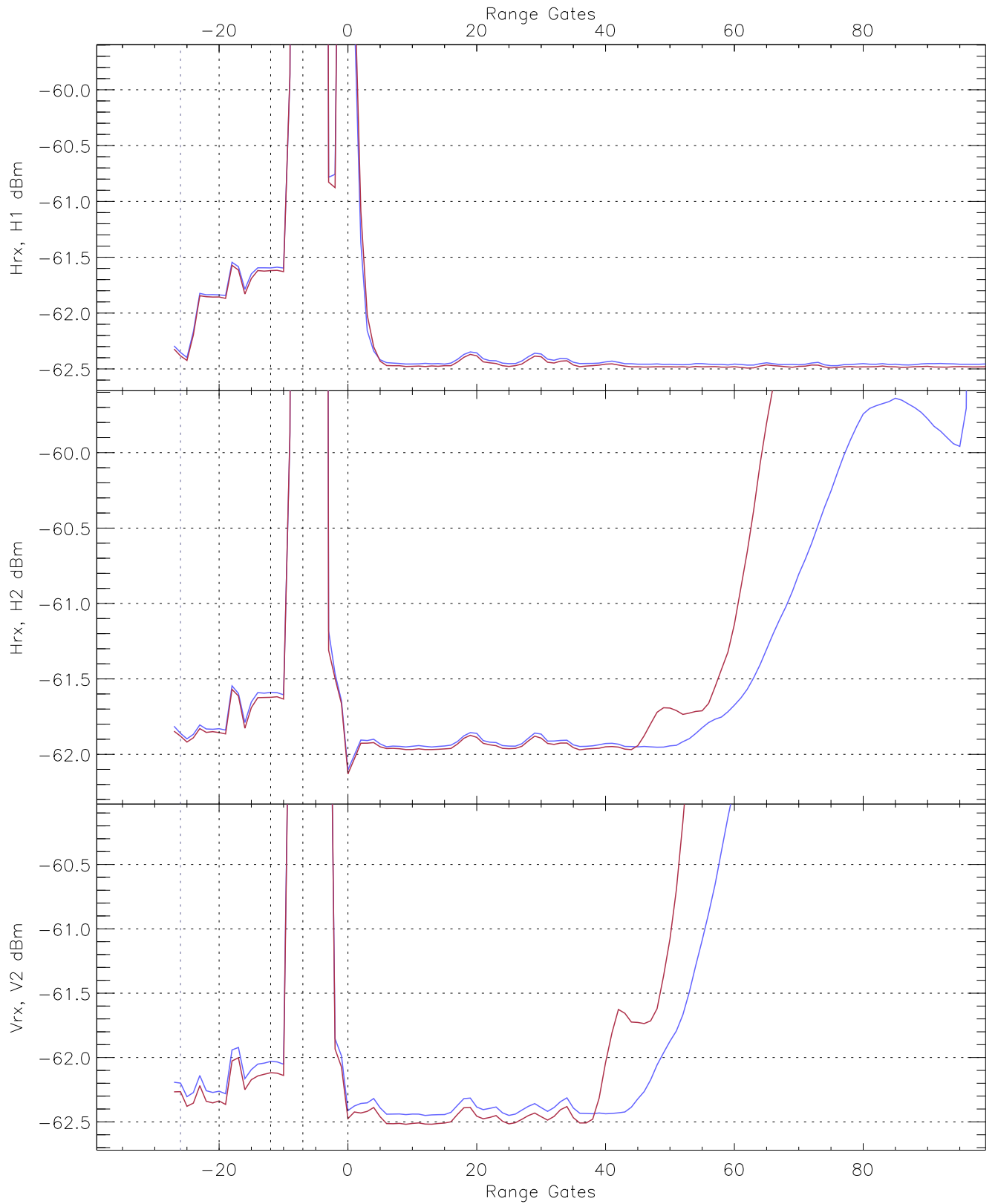


WCR2 CPP "Best" estimate Receivers Noise Power

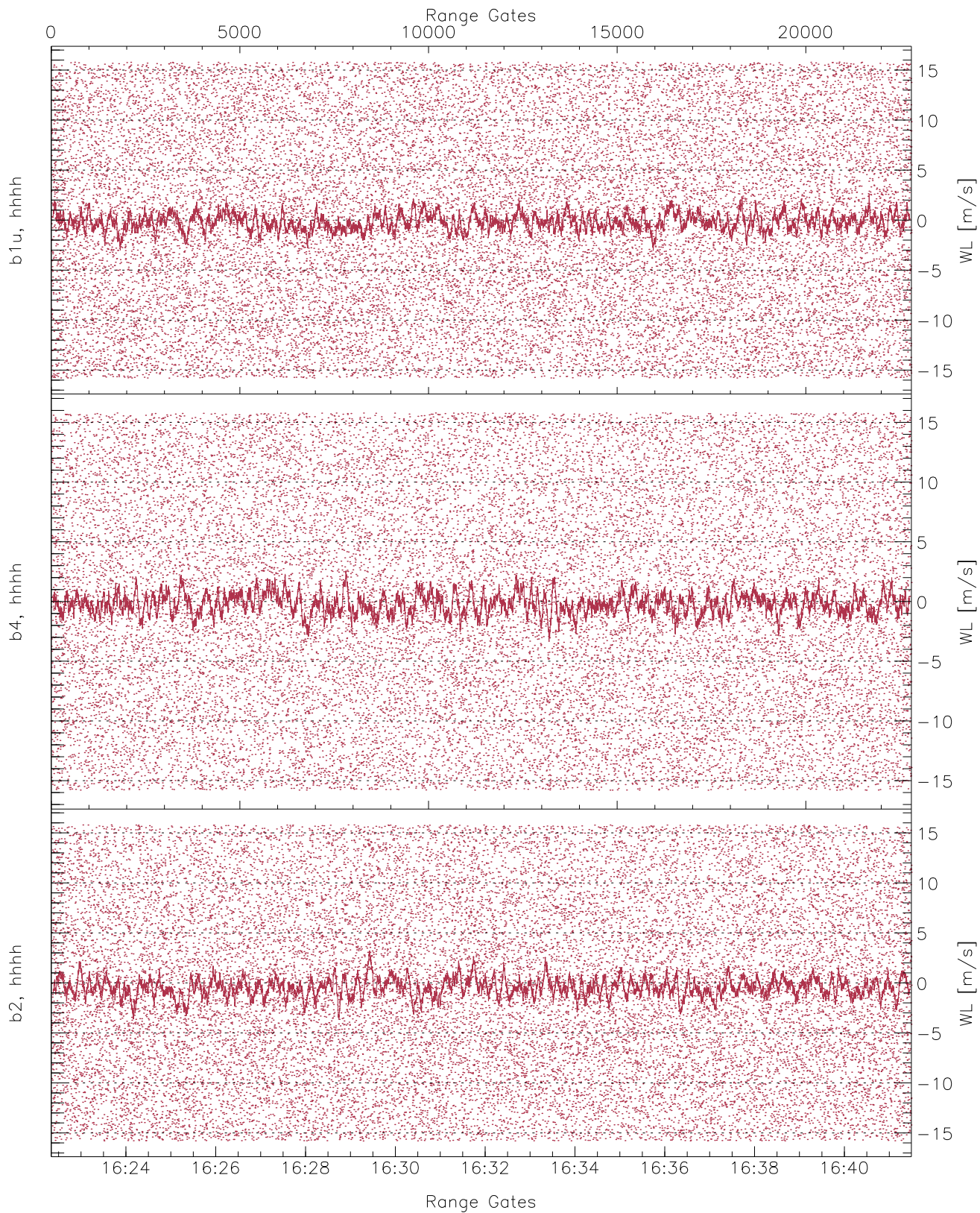
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.58	-61.48	-62.48	-62.49	-75.03
H2RG275_0 [dBm]	-62.90	-60.99	-61.97	-61.97	-74.52
V2RG25_0 [dBm]	-63.61	-61.46	-62.48	-62.49	-74.91



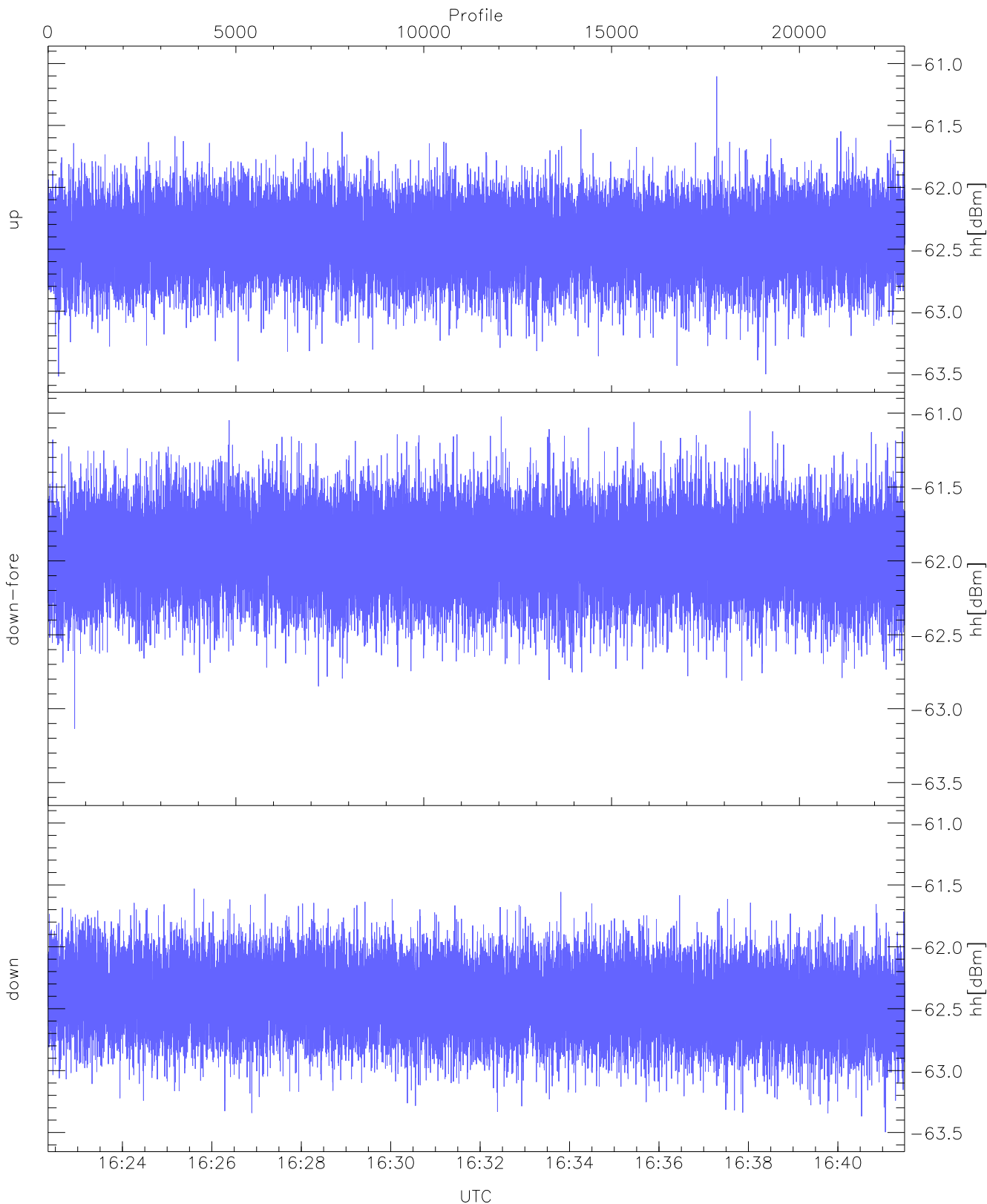
WCR2 CPP Averaged Received power for all recorded gates
blue: 162220-163155, 11401 profiles averaged
red: 163155-164130, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 162220-163155, 11401 profiles averaged
red: 163155-164130, 11400 profiles averaged

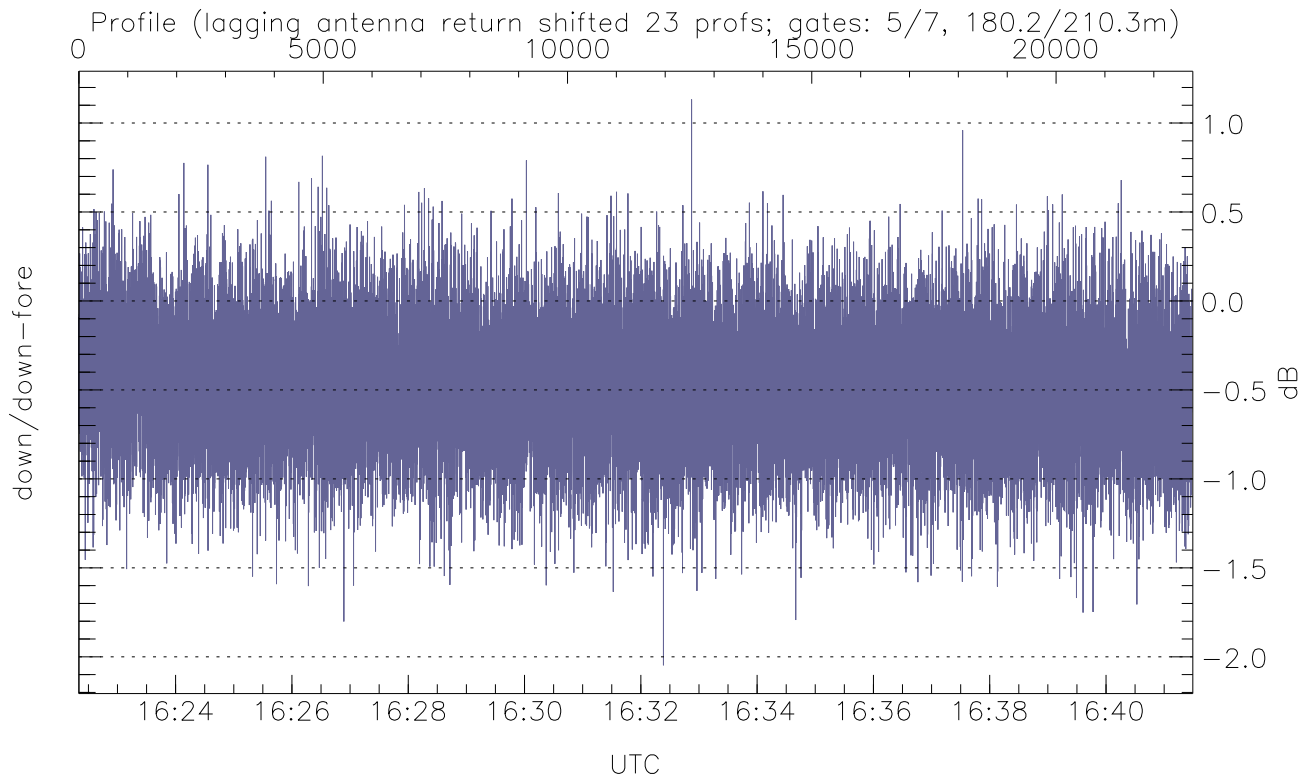
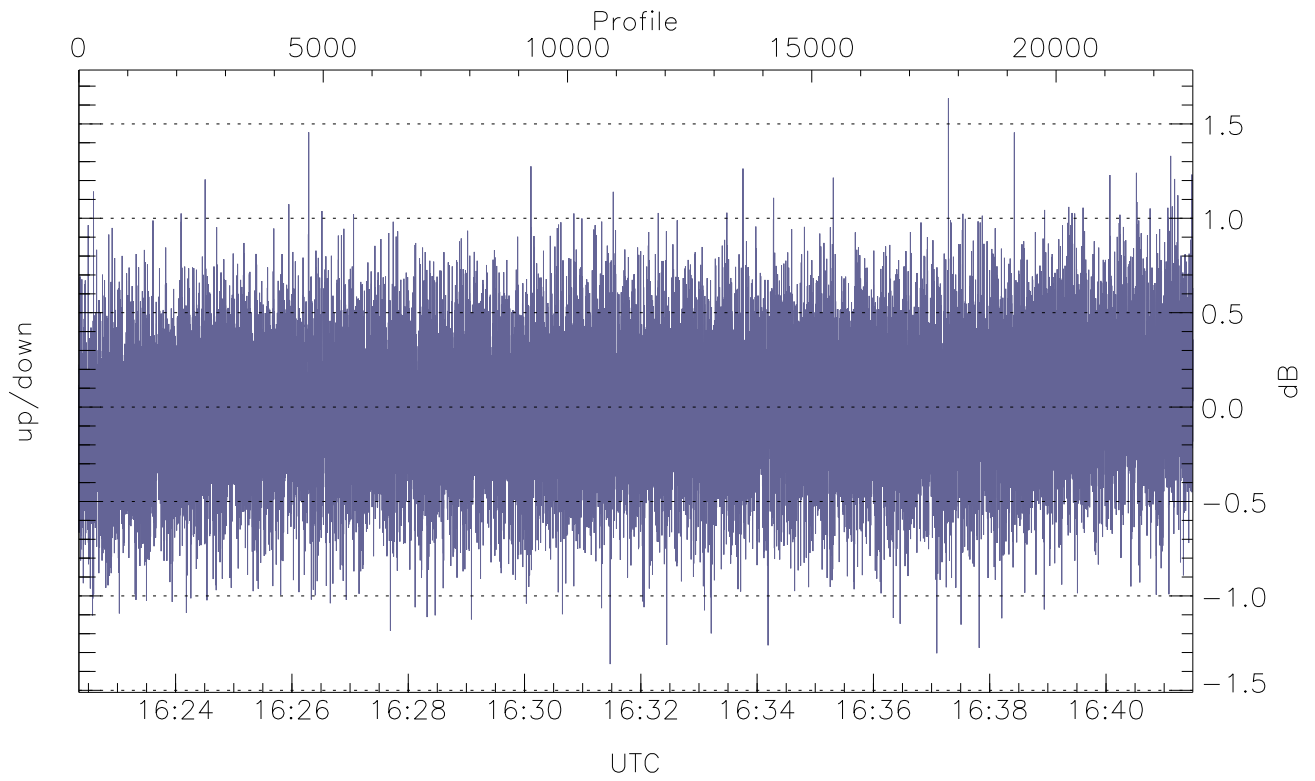


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



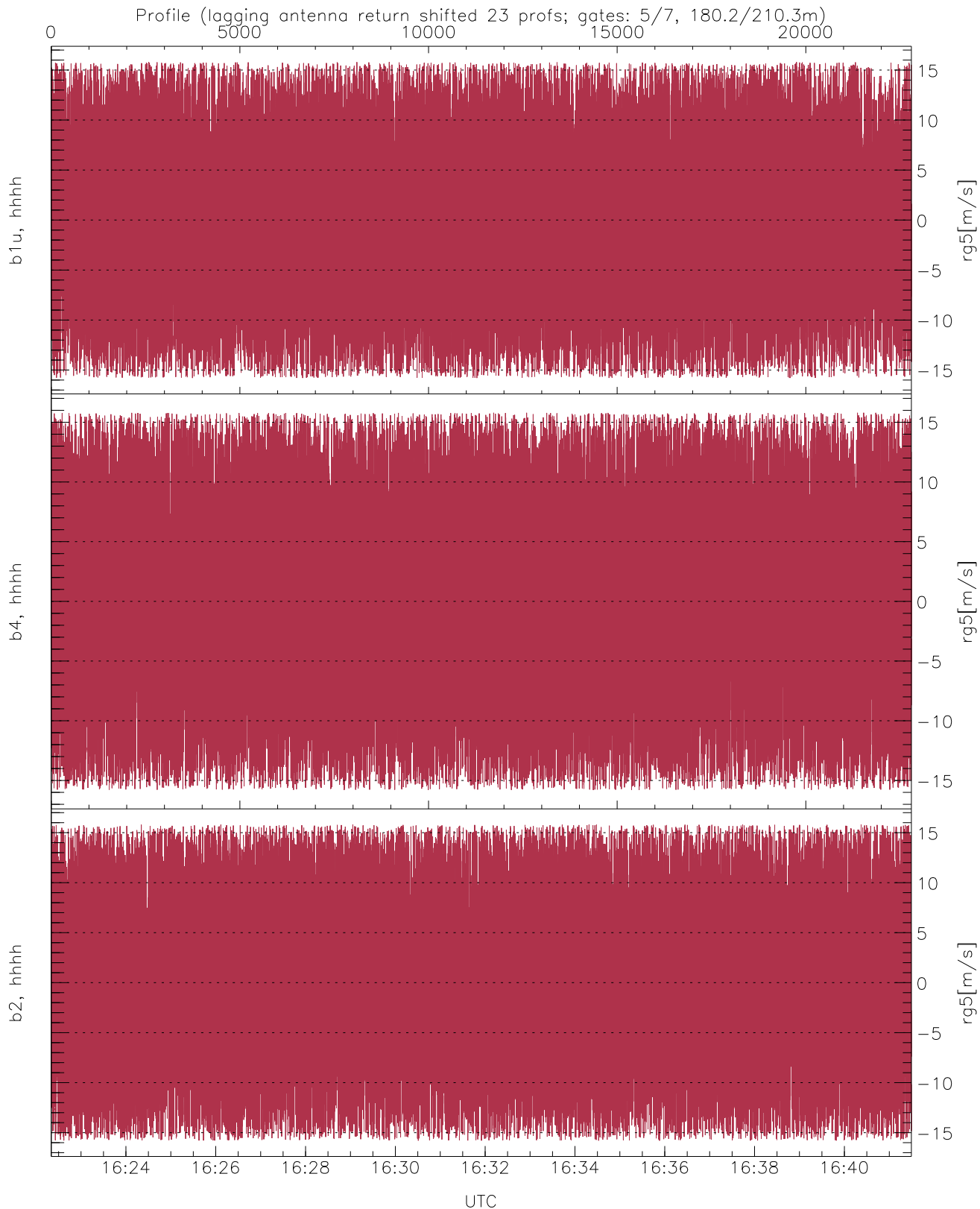
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.53	-61.10	-62.42
down-fore(hh[dBm])	-63.14	-60.99	-61.94
down(hh[dBm])	-63.50	-61.53	-62.43



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

	Min	Max	Mean
up/down (dB)	-1.36	1.64	0.00
down/down-fore (dB)	-2.05	1.13	-0.47



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	-0.23	8.71
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.15	8.99
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.46	9.03