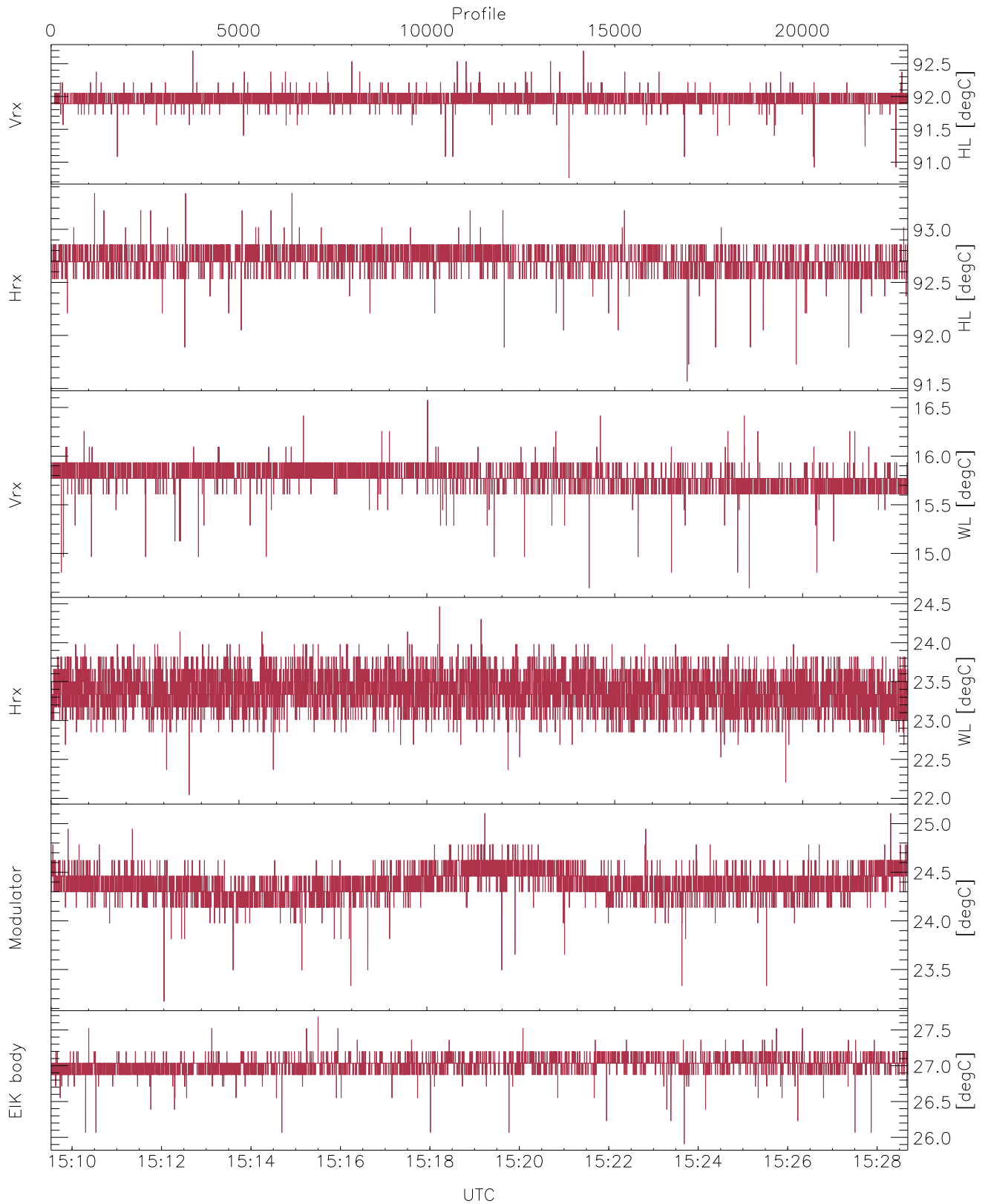


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:09:32-15:35:18, Dur: 1545.70s
 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): 22800/30662, 0-22799/15:09:32-15:28:41
 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

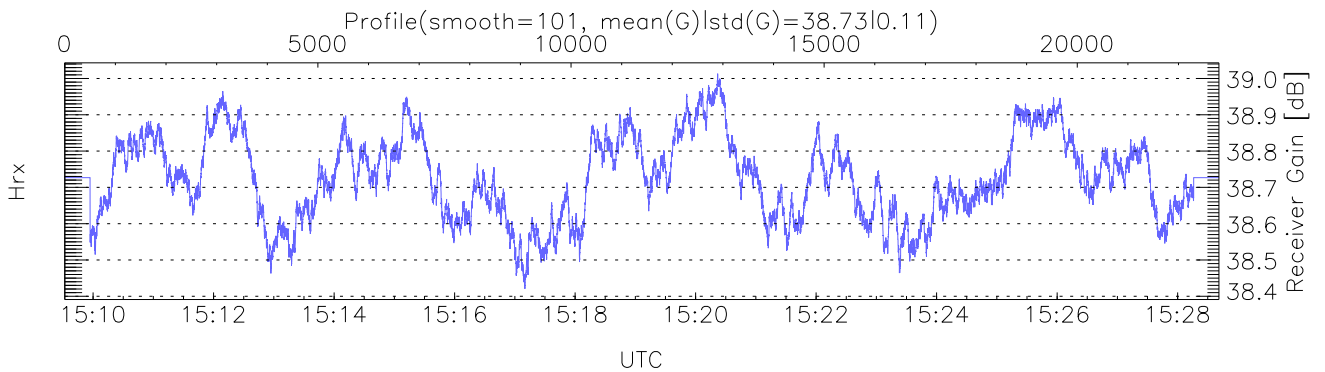
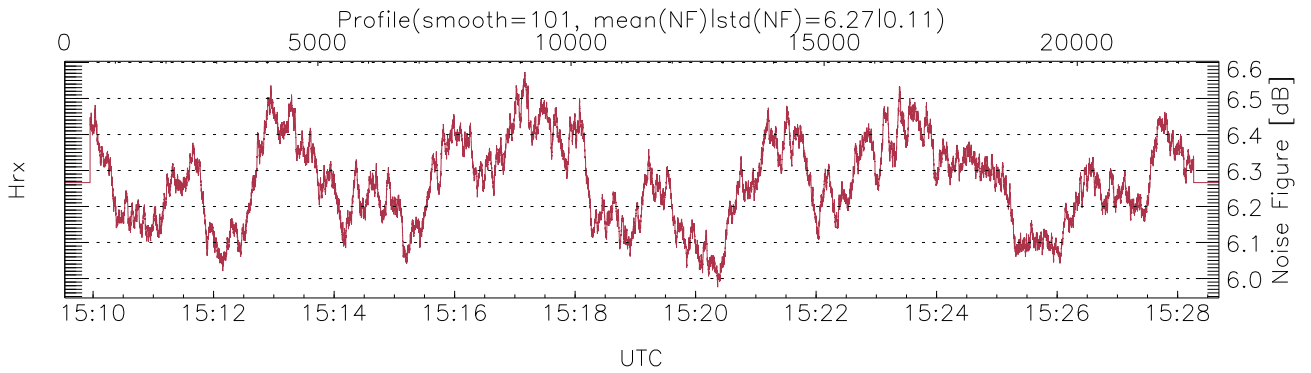
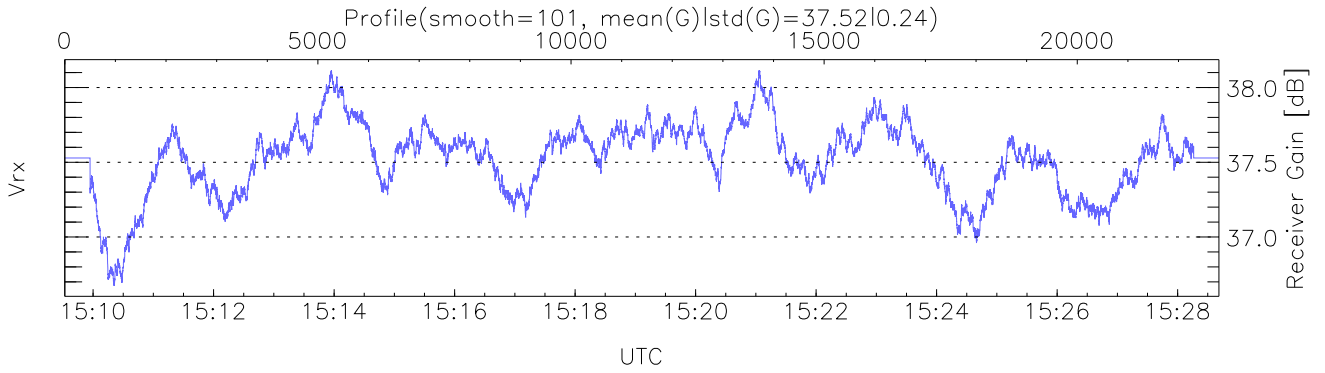
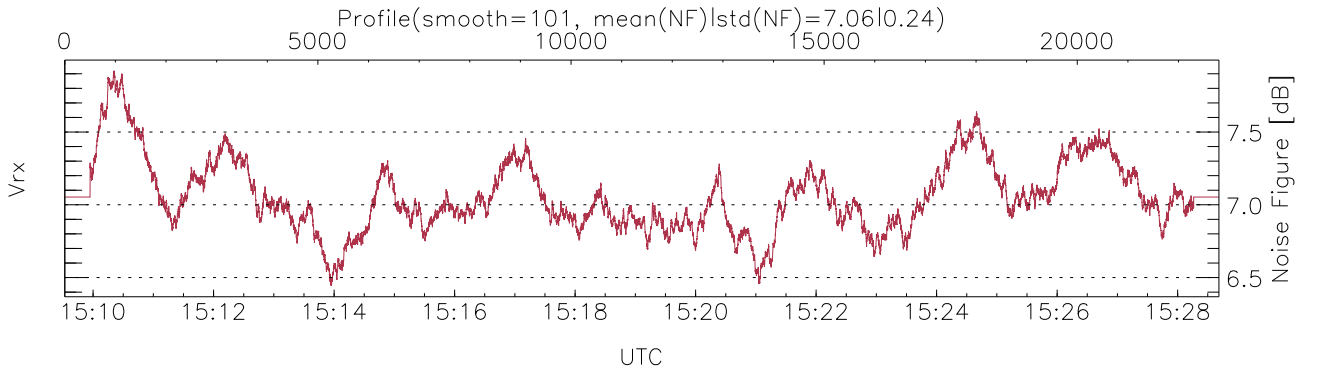
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,22,23,25`

`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,24,25,27`

`LOalarm(20,80,240,2.8,14.8 MHz): None`

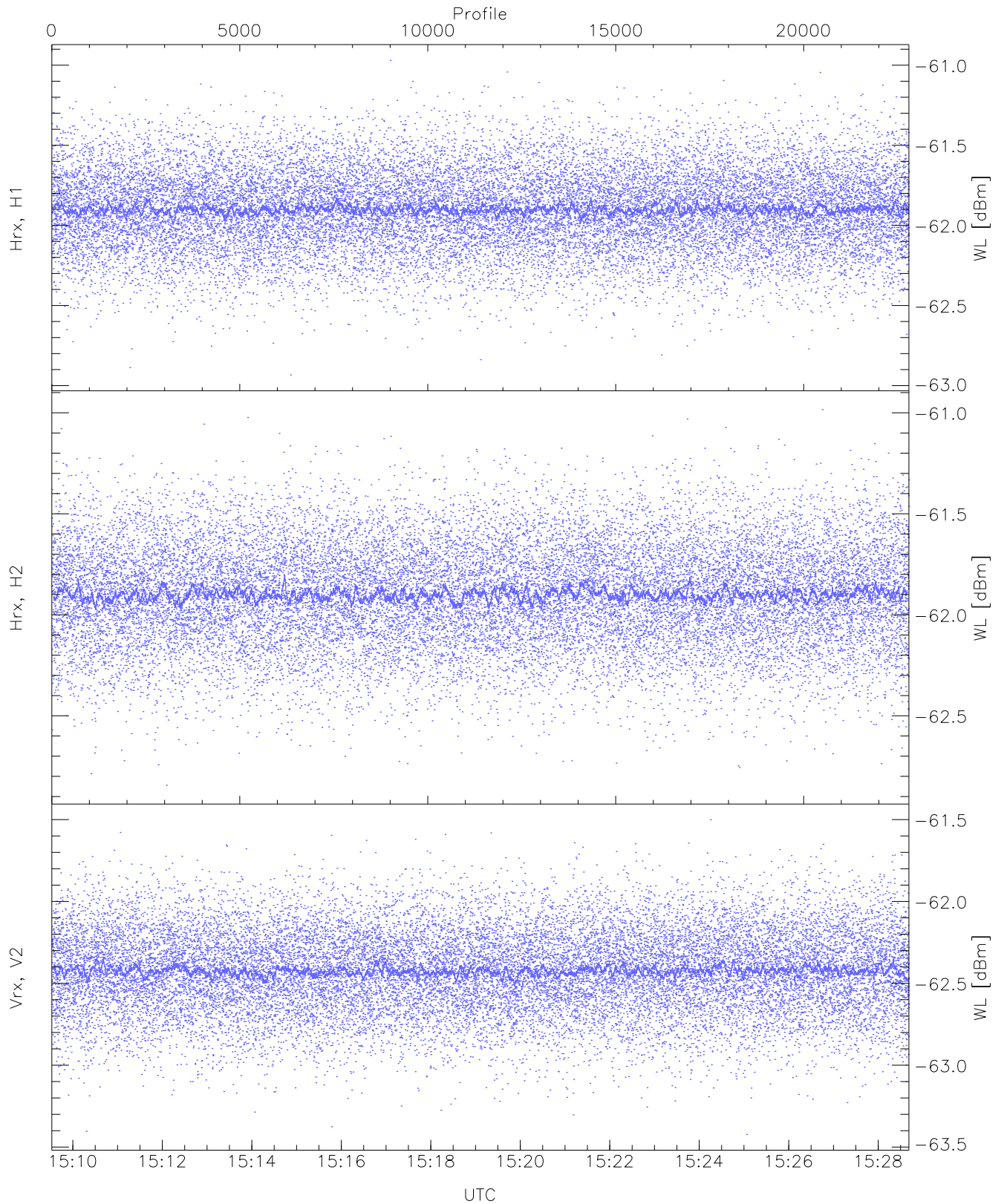
`EIK Faults(# prof affected):`

`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (26,20,26,26,26,21)`



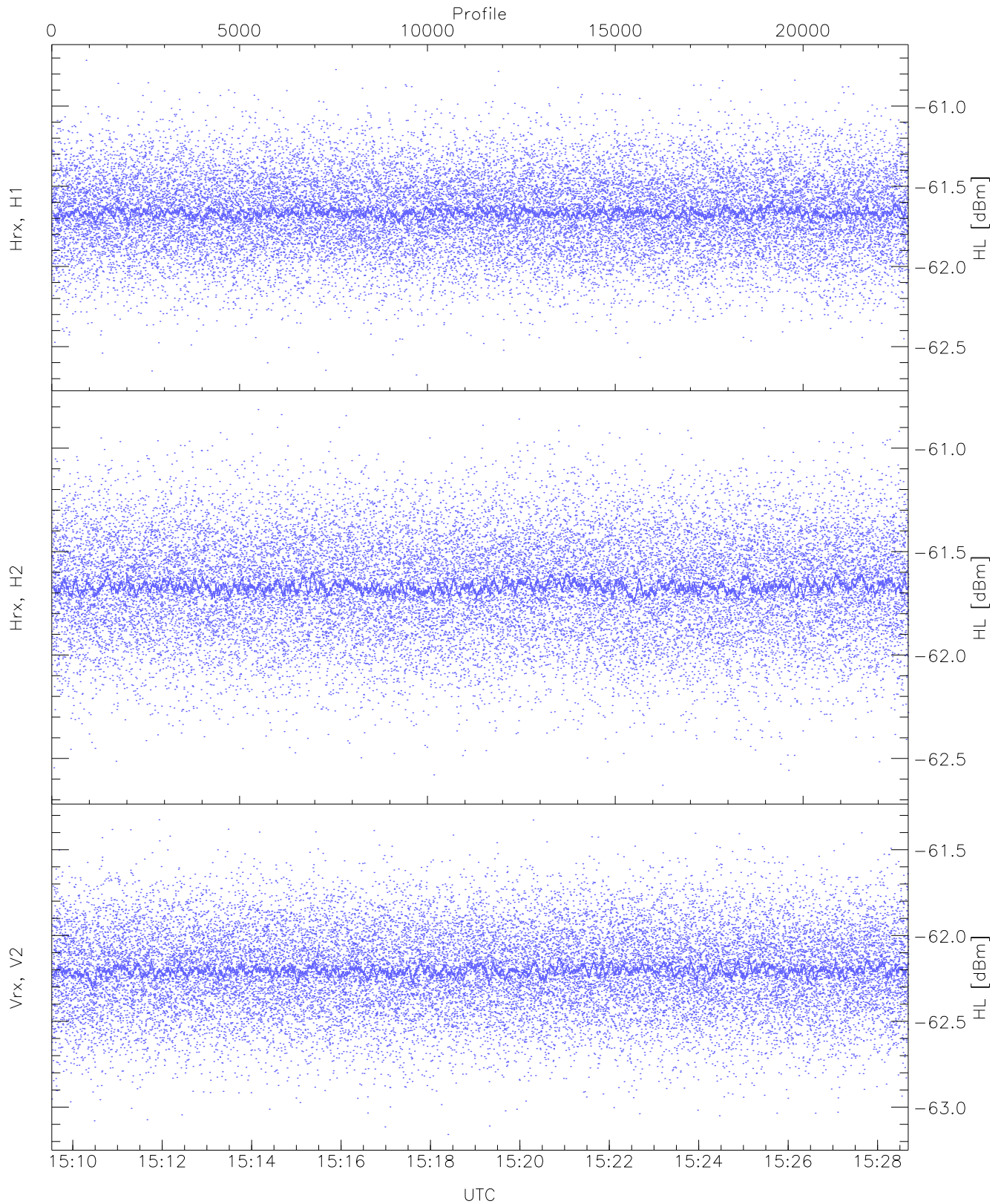
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 20073 pixs, 22 gates, 19602 profs, 2 prods



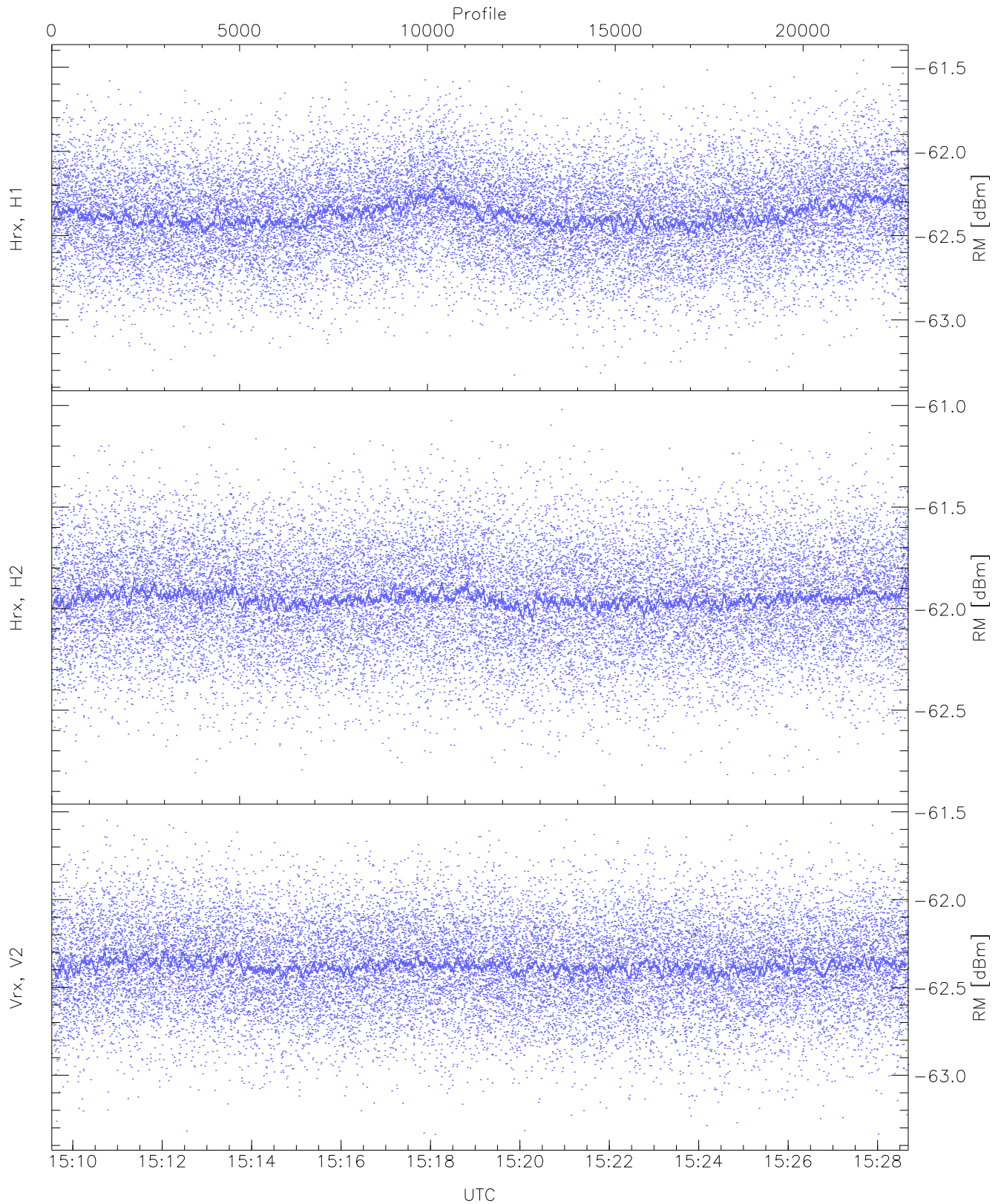
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.93	-60.97	-61.90	-61.90	-74.46
Hrx, H2(WL [dBm])	-62.84	-60.98	-61.90	-61.90	-74.46
Vrx, V2(WL [dBm])	-63.42	-61.50	-62.42	-62.42	-74.97



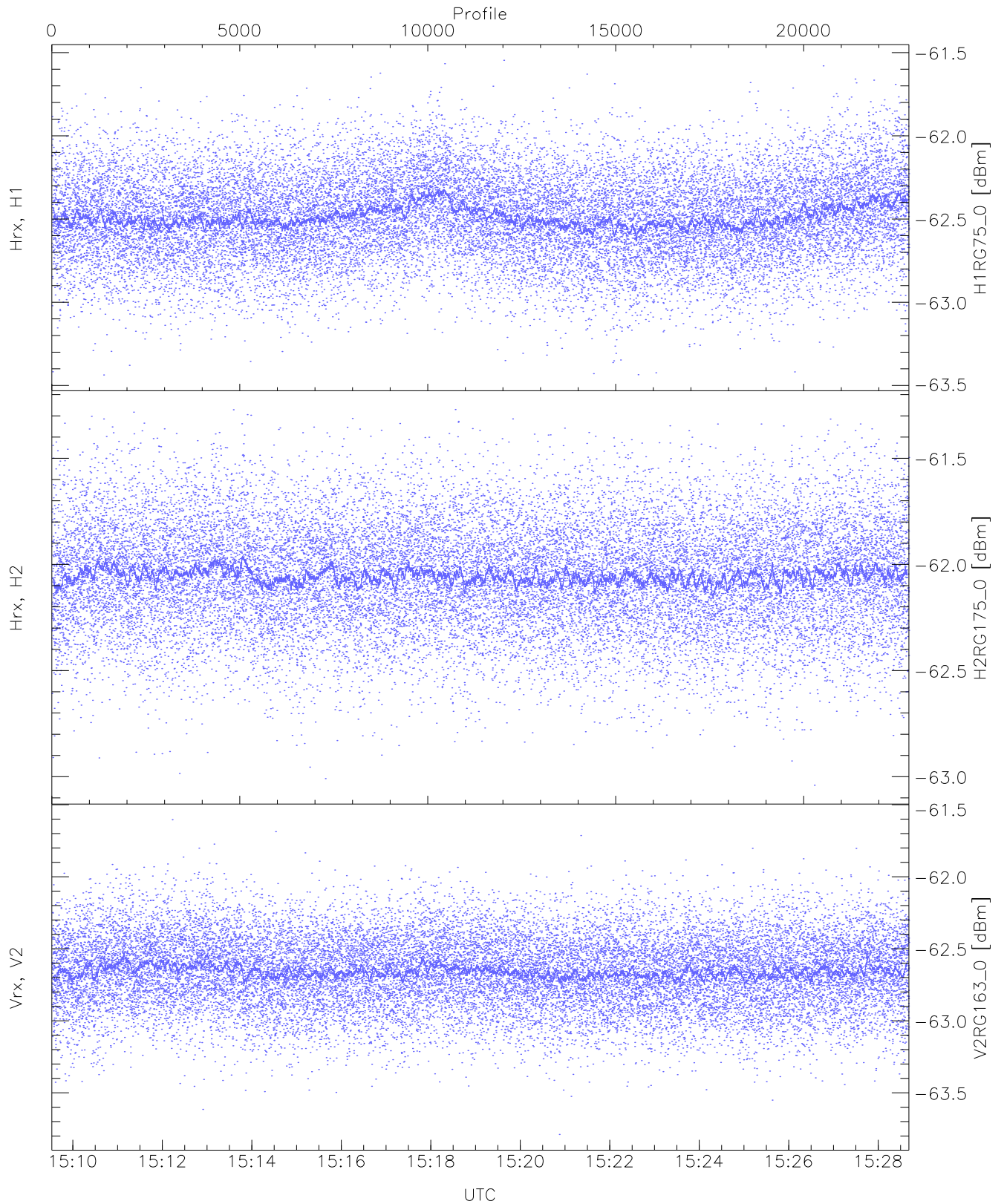
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.68	-60.71	-61.66	-61.67	-74.23
Hrx, H2 (HL [dBm])	-62.63	-60.81	-61.66	-61.67	-74.25
Vrx, V2 (HL [dBm])	-63.16	-61.33	-62.20	-62.20	-74.74



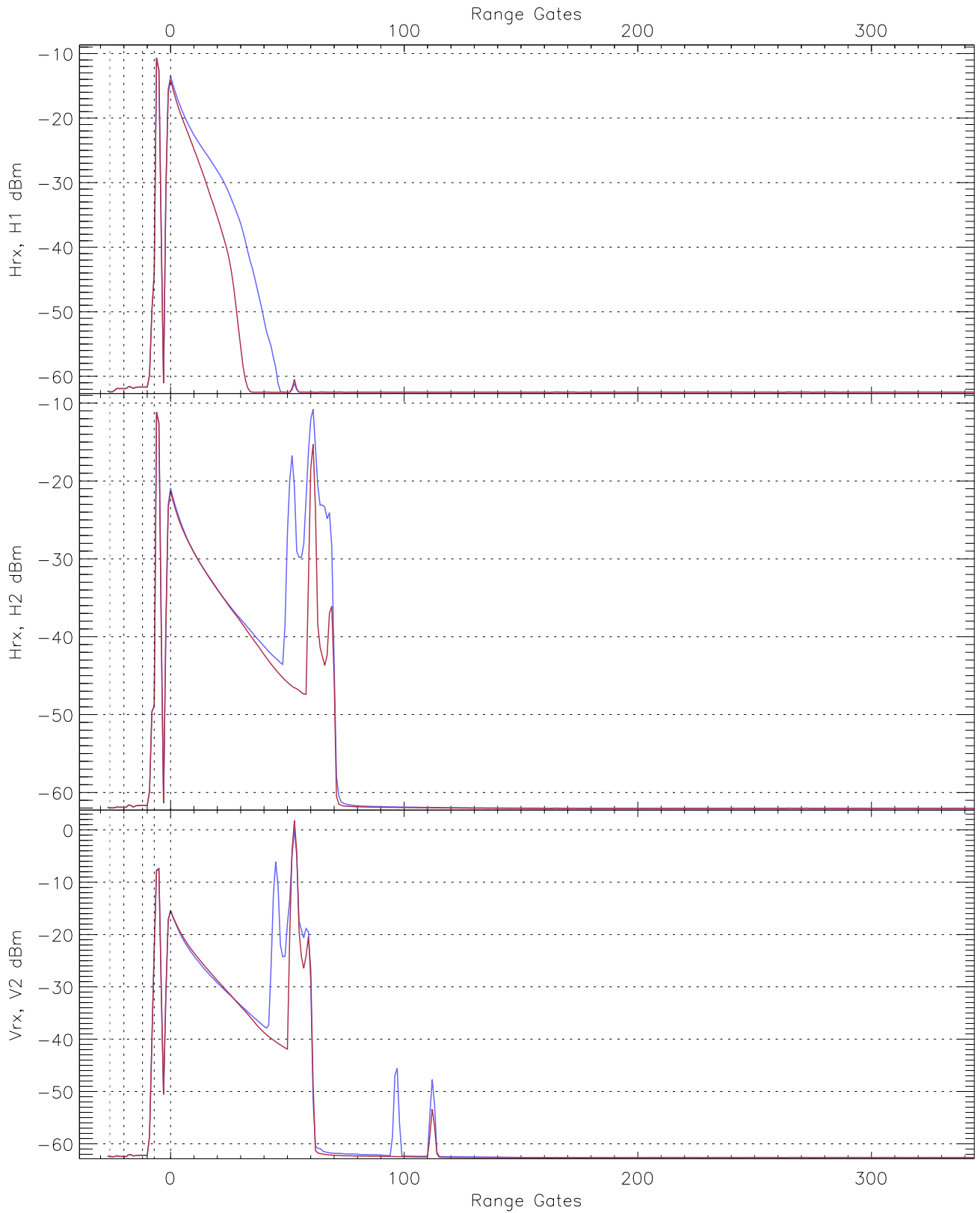
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.33	-61.46	-62.37	-62.38	-74.81
Hrx, H2(RM [dBm])	-62.87	-61.02	-61.95	-61.95	-74.50
Vrx, V2(RM [dBm])	-63.34	-61.55	-62.38	-62.38	-74.90

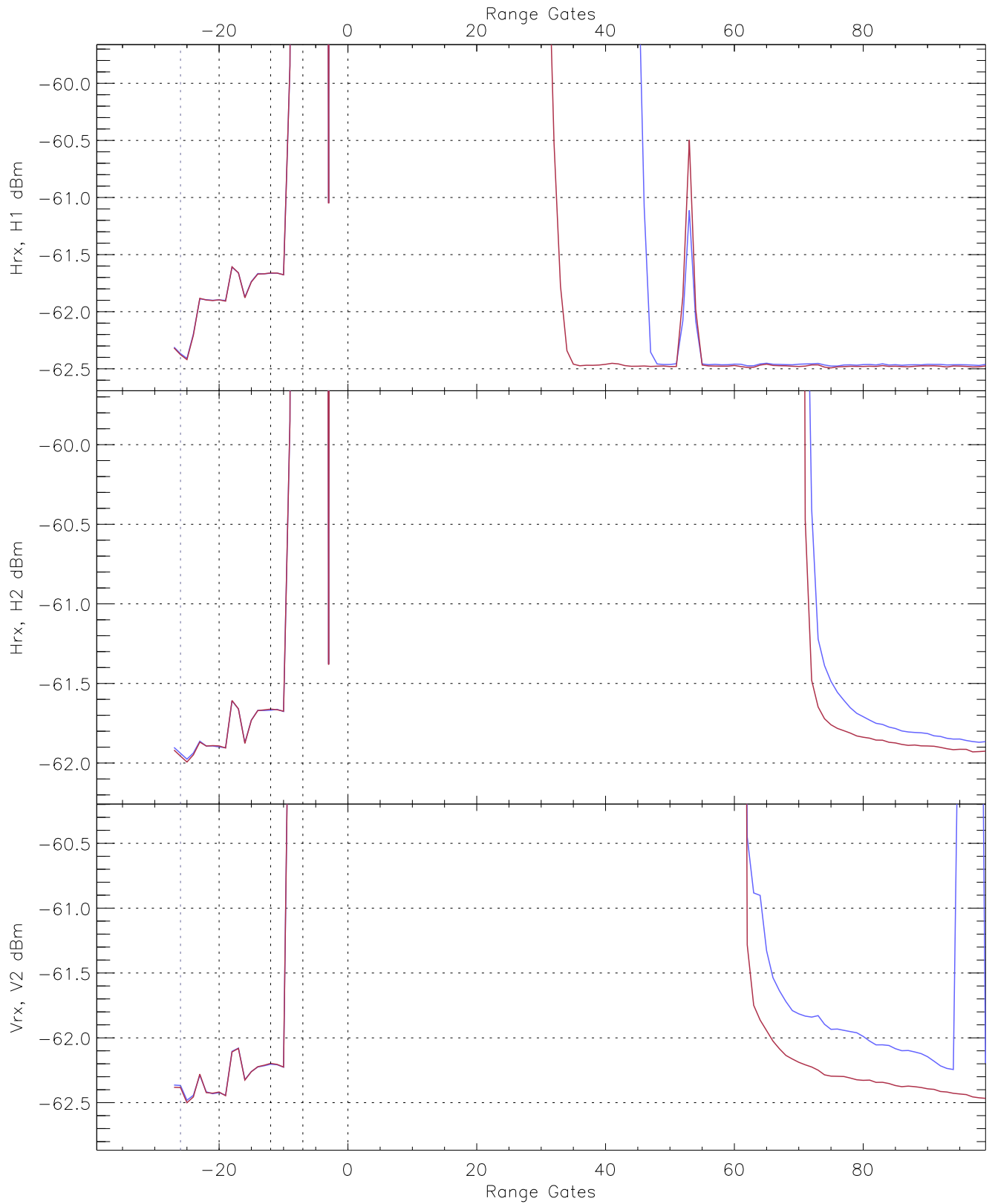


WCR2 CPP "Best" estimate Receivers Noise Power

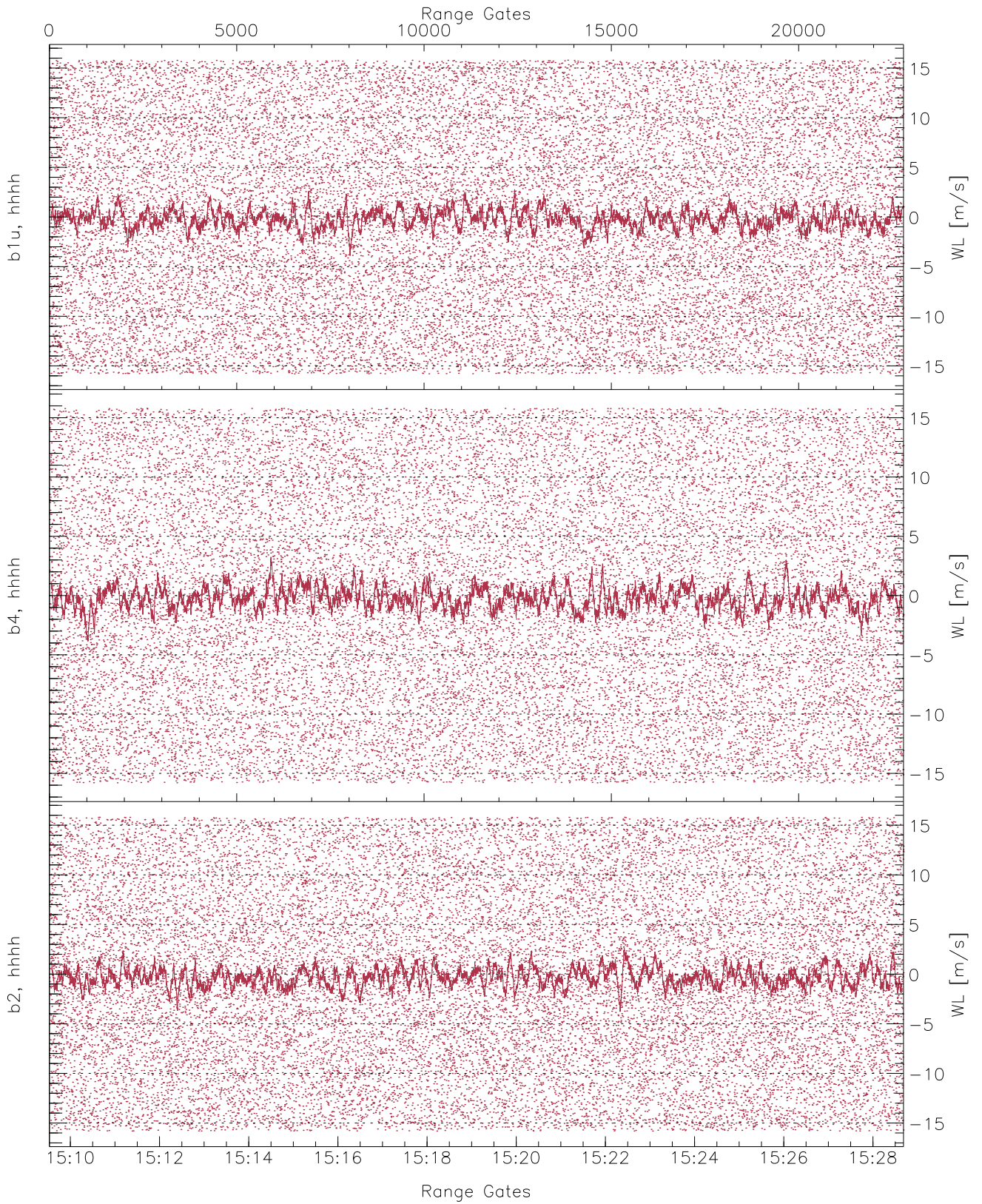
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.44	-61.55	-62.48	-62.49	-74.96
H2RG175_0 [dBm]	-63.04	-61.27	-62.05	-62.05	-74.64
V2RG163_0 [dBm]	-63.79	-61.60	-62.65	-62.66	-75.18



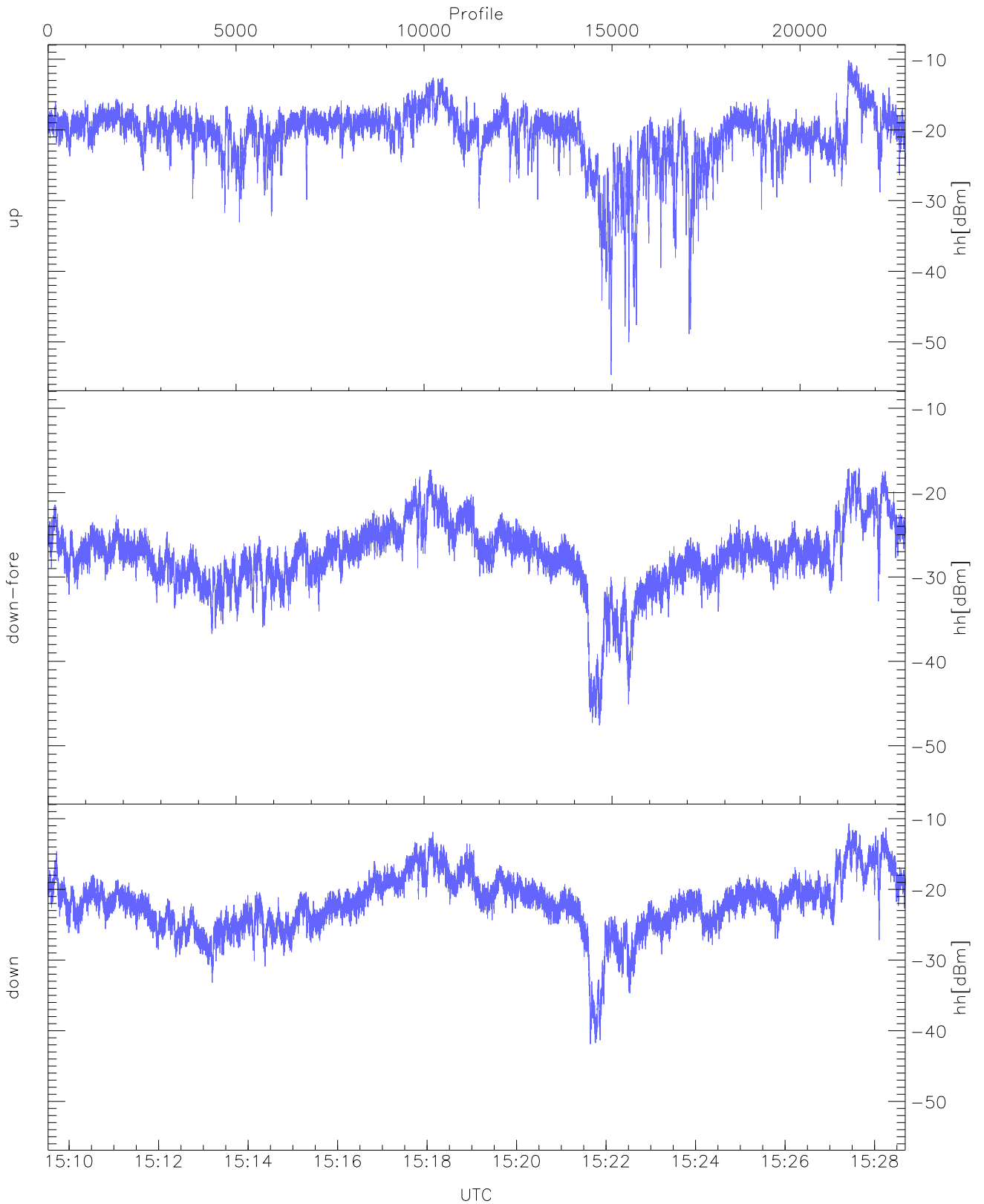
WCR2 CPP Averaged Received power for all recorded gates
blue: 150932-151906, 11401 profiles averaged
red: 151906-152841, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 150932-151906, 11401 profiles averaged
red: 151906-152841, 11400 profiles averaged

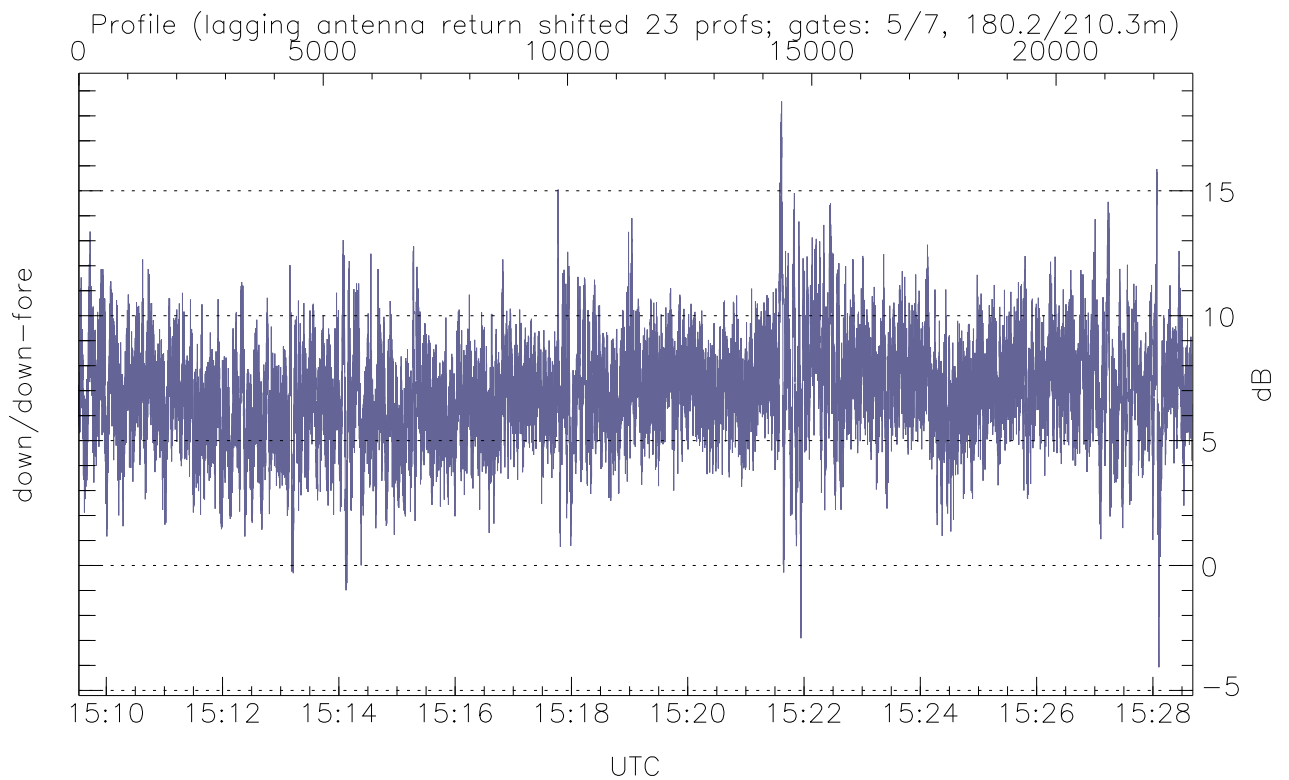
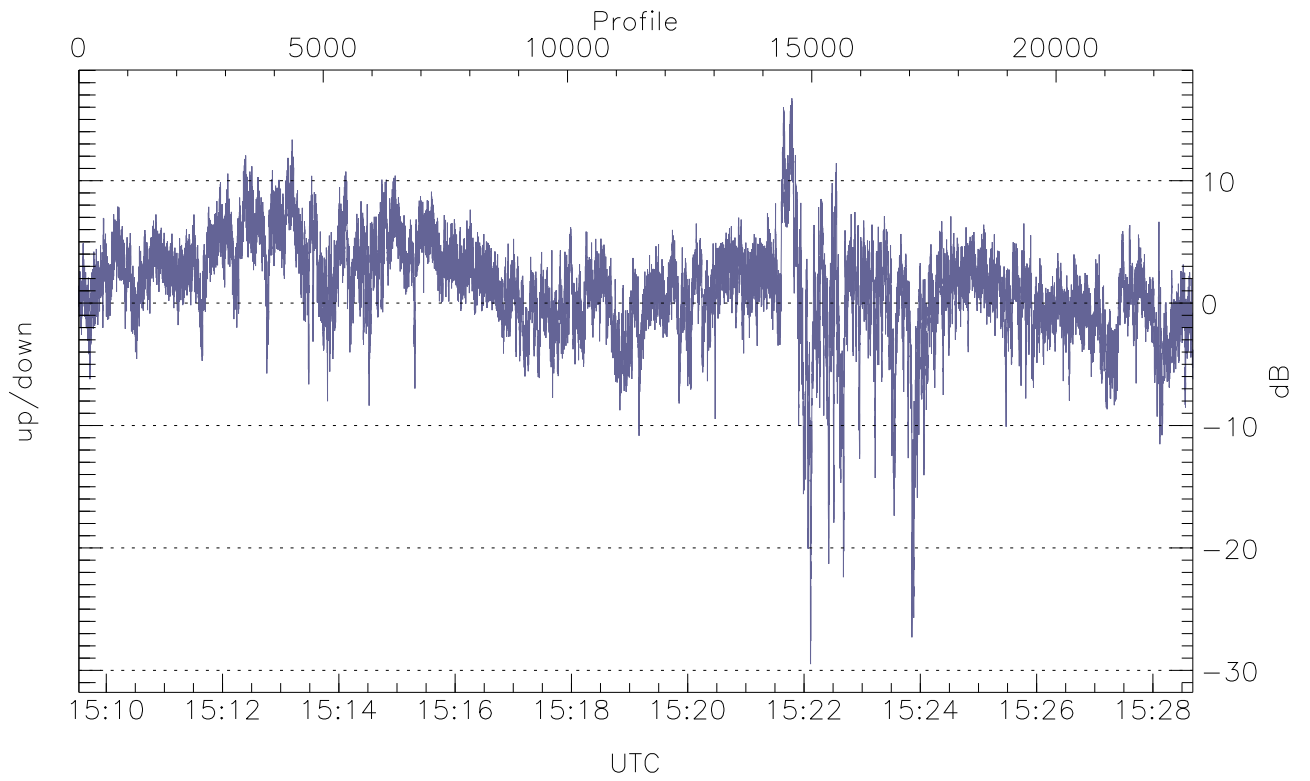


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



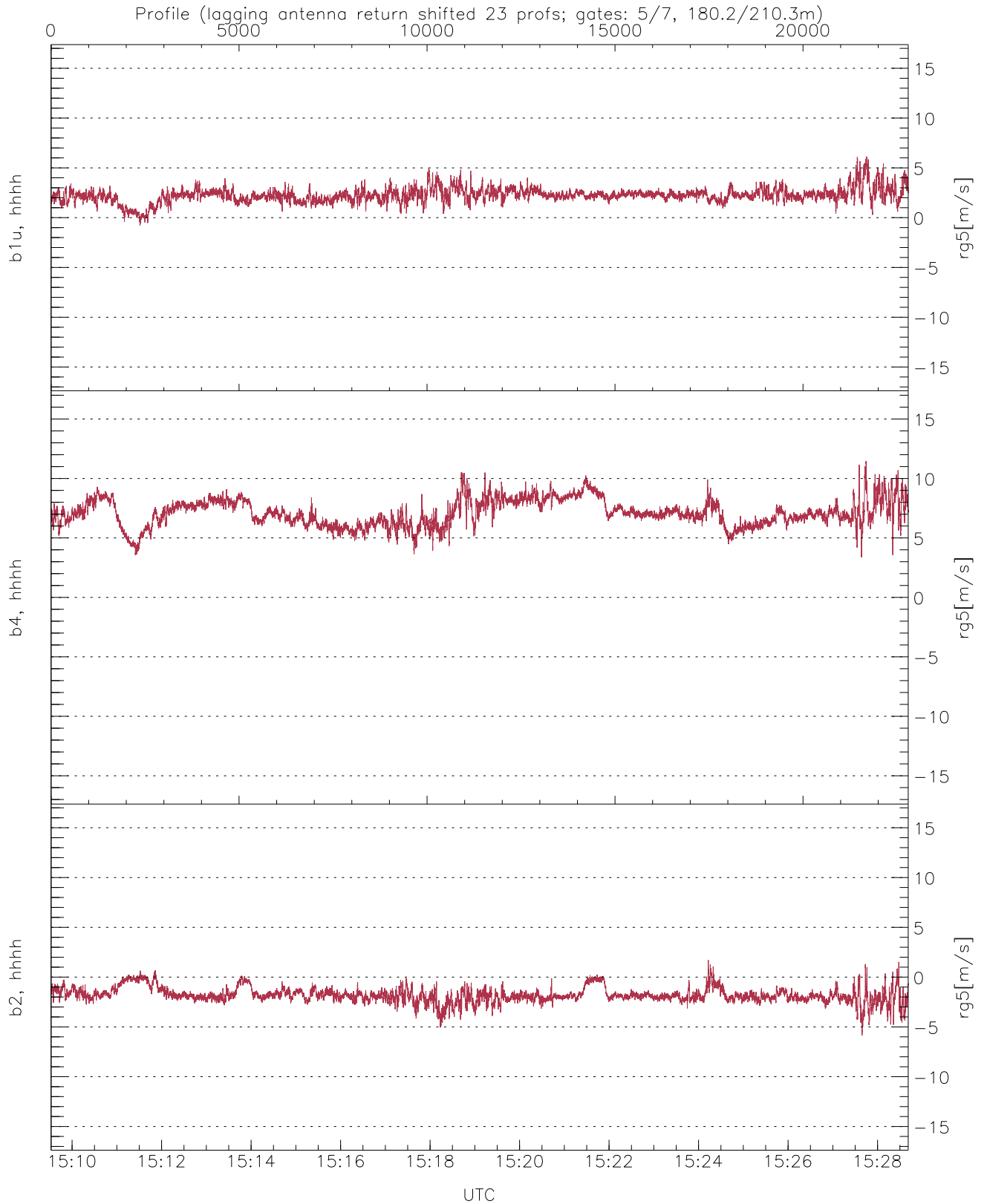
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-54.68	-10.15	-19.46
down-fore(hh[dBm])	-47.59	-17.09	-25.99
down(hh[dBm])	-41.88	-10.68	-20.42



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

	Min	Max	Mean
up/down (dB)	-29.48	16.73	1.24
down/down-fore (dB)	-4.07	18.57	6.95



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.79	6.13	2.24	0.72
b4, hhhh(rg5[m/s])	3.37	11.46	7.12	1.13
b2, hhhh(rg5[m/s])	-5.85	1.71	-1.79	0.75