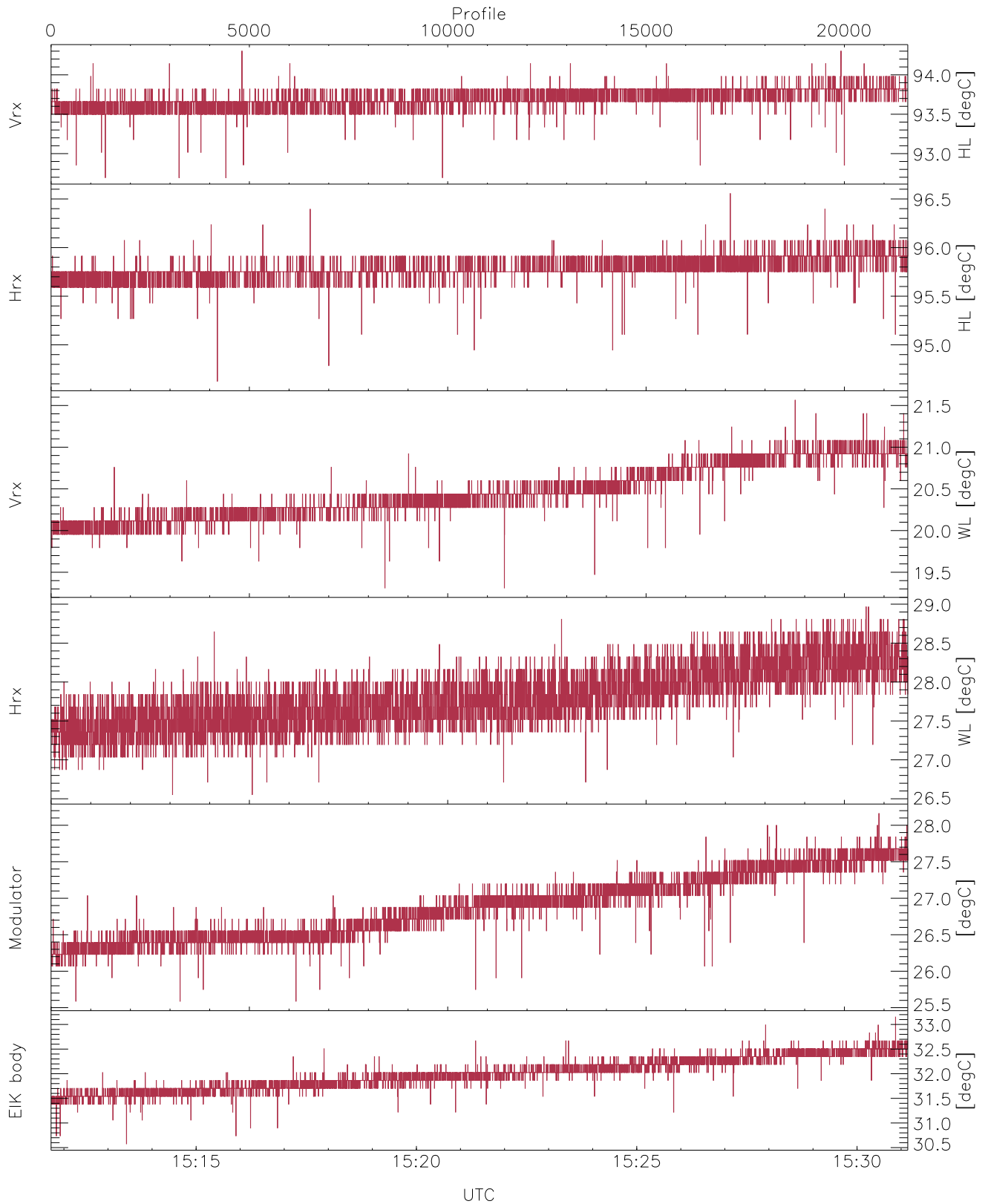


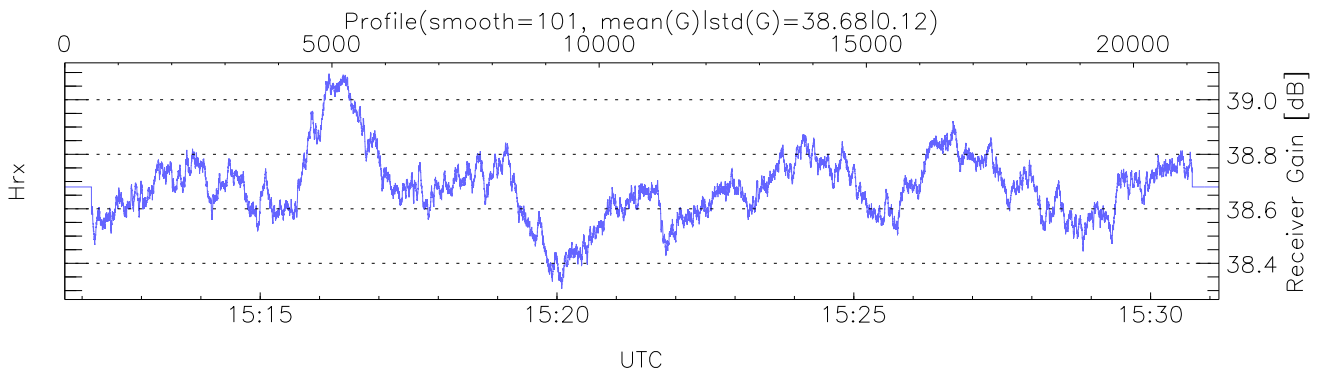
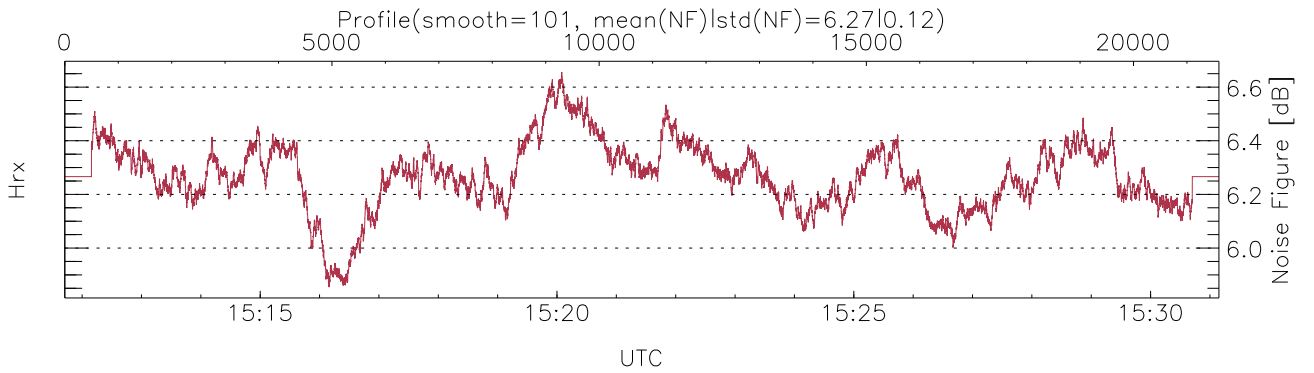
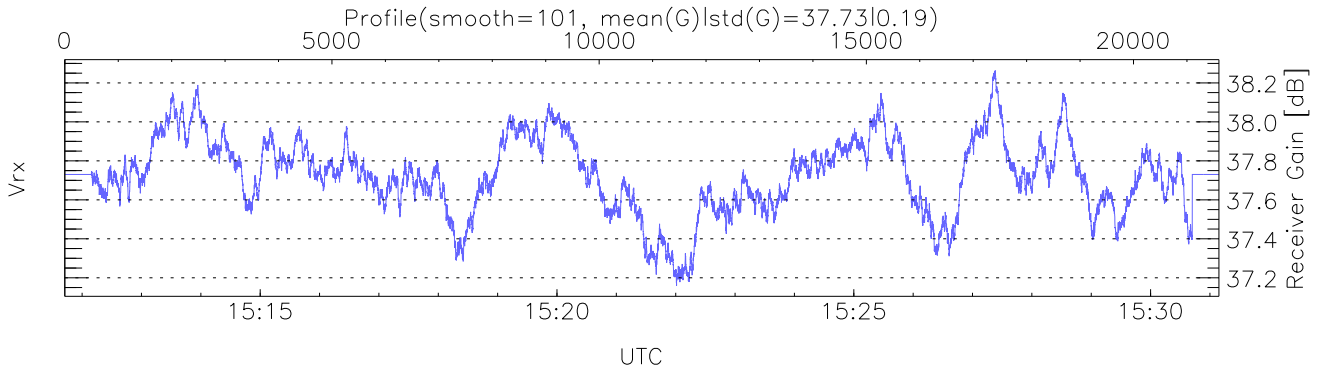
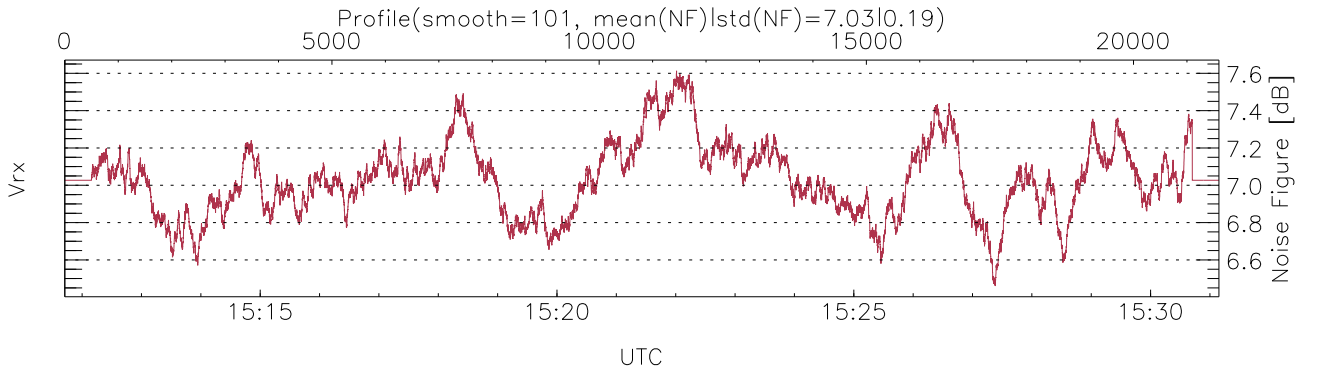
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:11:42-15:51:15, Dur: 2372.54s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 21600/43926, 0-21599/15:11:42-15:31:09
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, 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): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



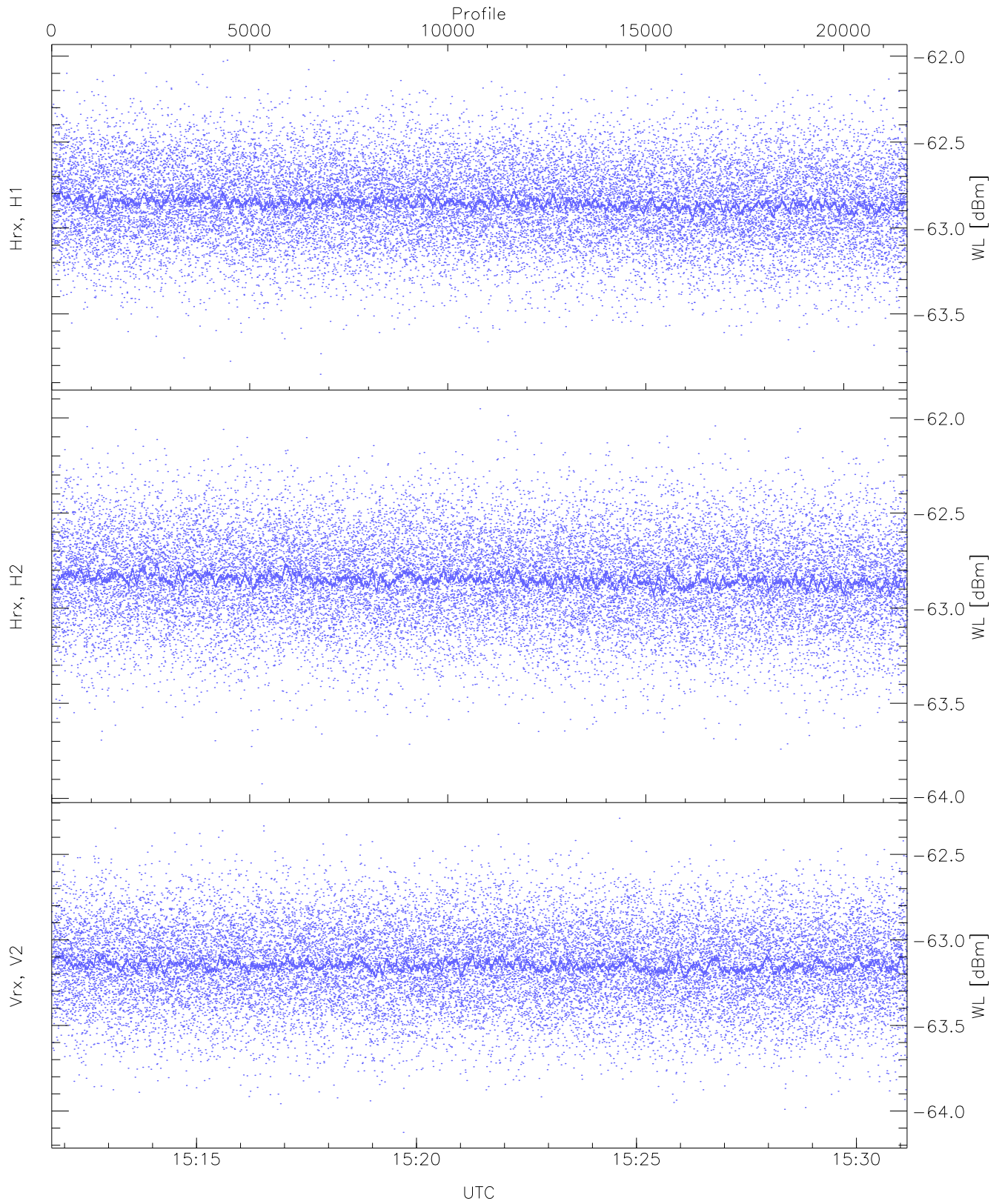
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,26,25,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,28,28,33
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (25,25,31,31,26,5)



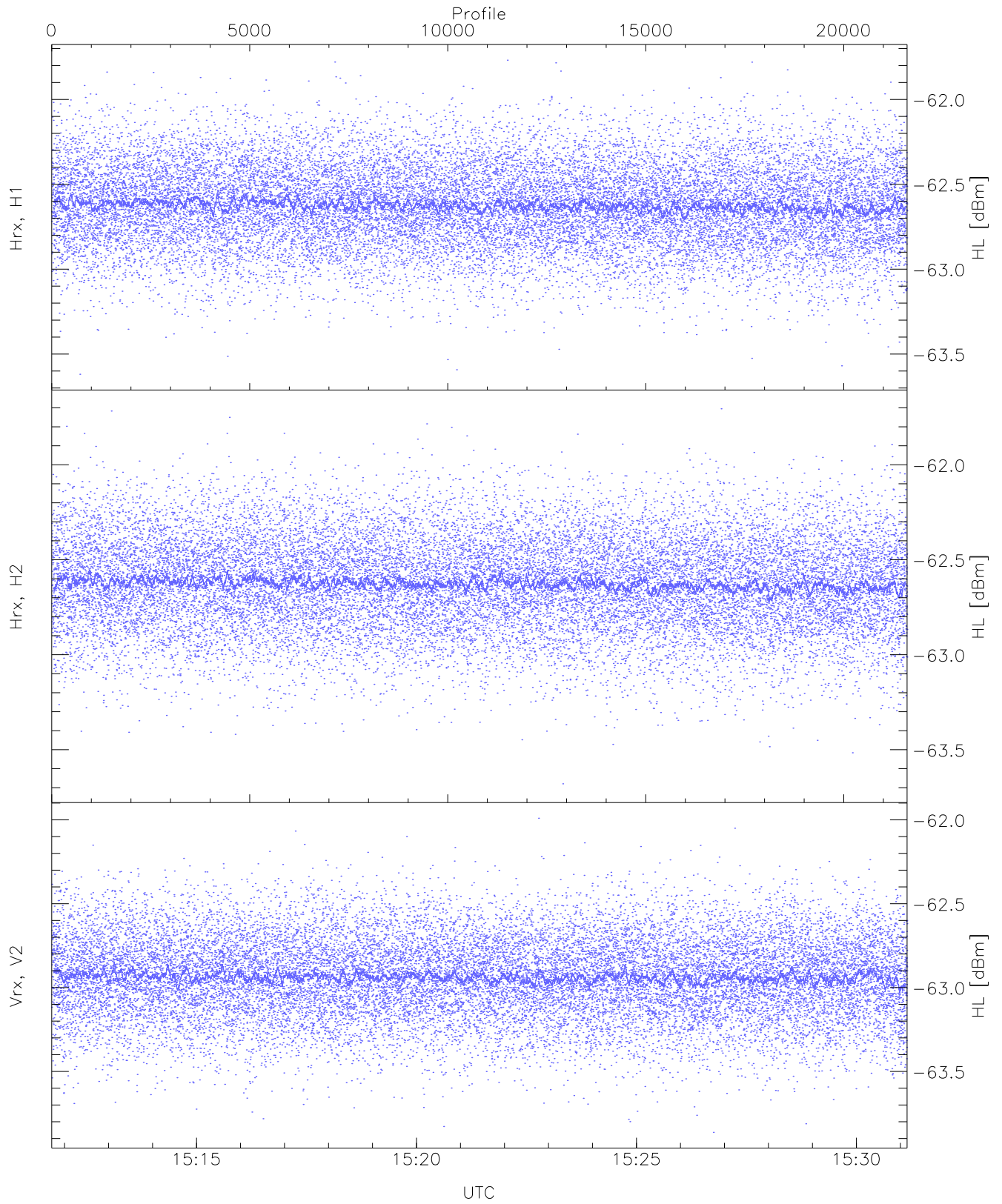
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2154 pixs, 53 gates, 2150 profs, 1 prods



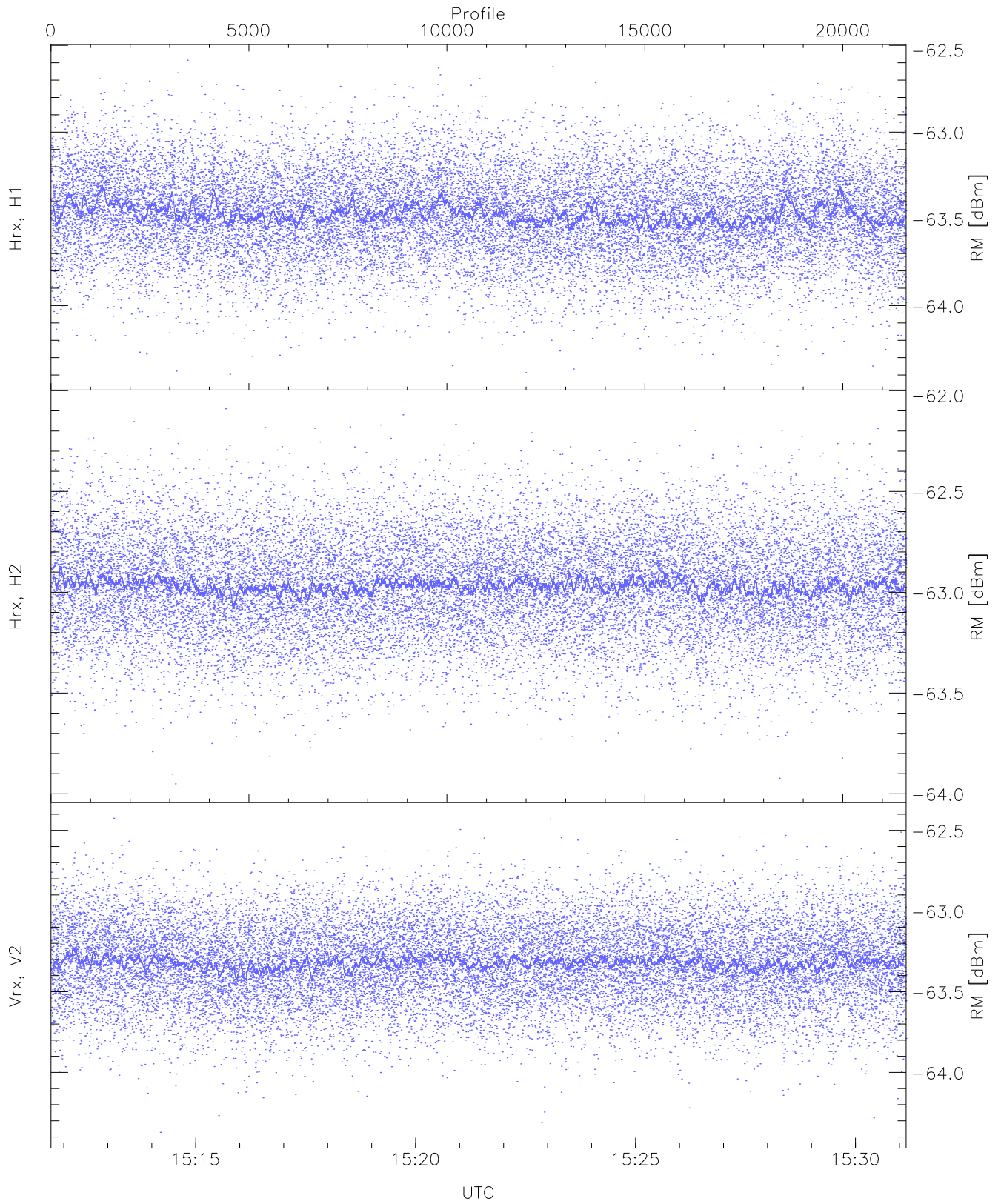
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.85	-62.02	-62.85	-62.86	-75.59
Hrx, H2 (WL [dBm])	-63.92	-61.95	-62.85	-62.85	-75.54
Vrx, V2 (WL [dBm])	-64.13	-62.29	-63.14	-63.15	-75.85



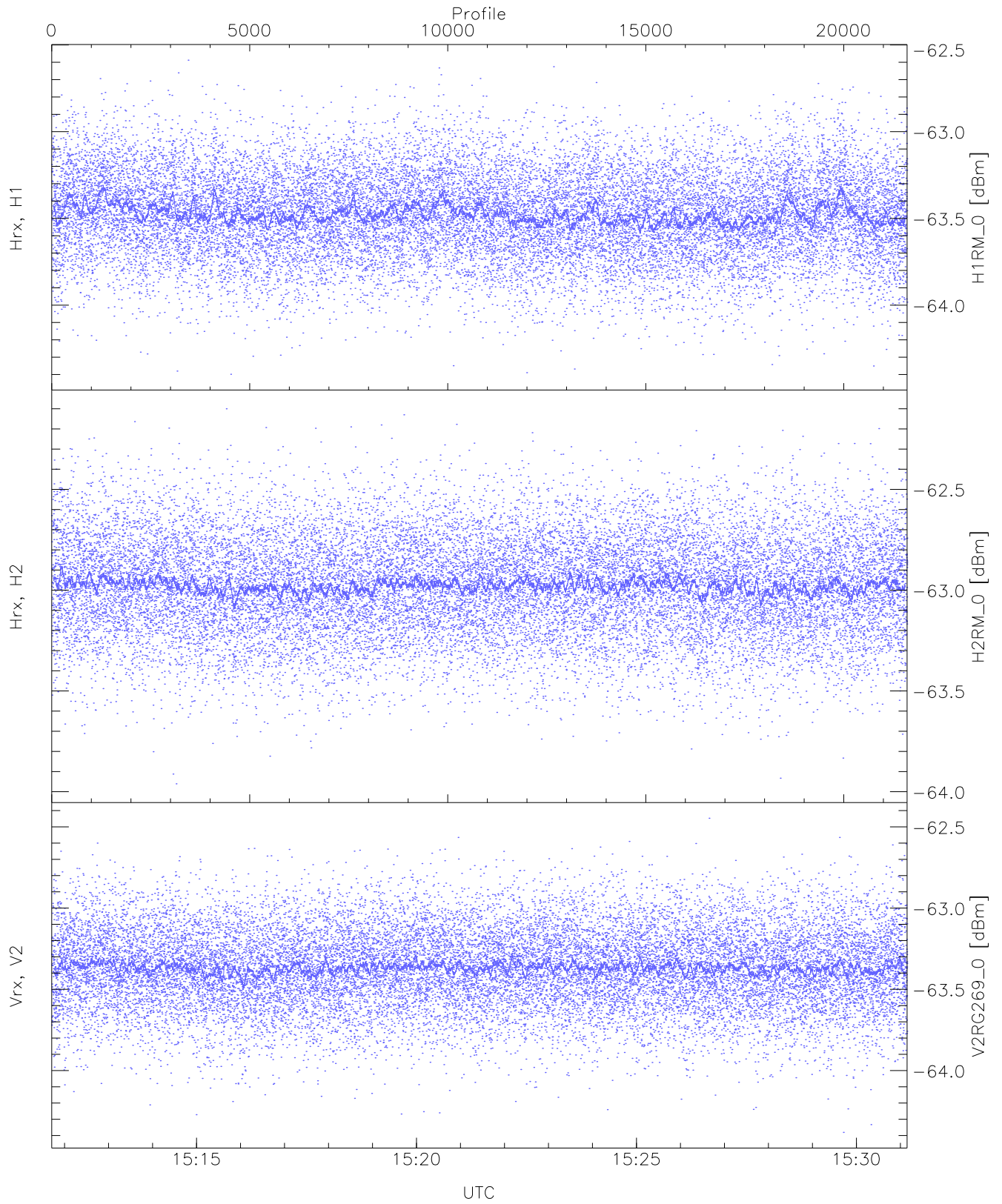
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.62	-61.77	-62.62	-62.63	-75.36
Hrx, H2 (HL [dBm])	-63.68	-61.70	-62.62	-62.63	-75.32
Vrx, V2 (HL [dBm])	-63.86	-61.99	-62.93	-62.94	-75.67



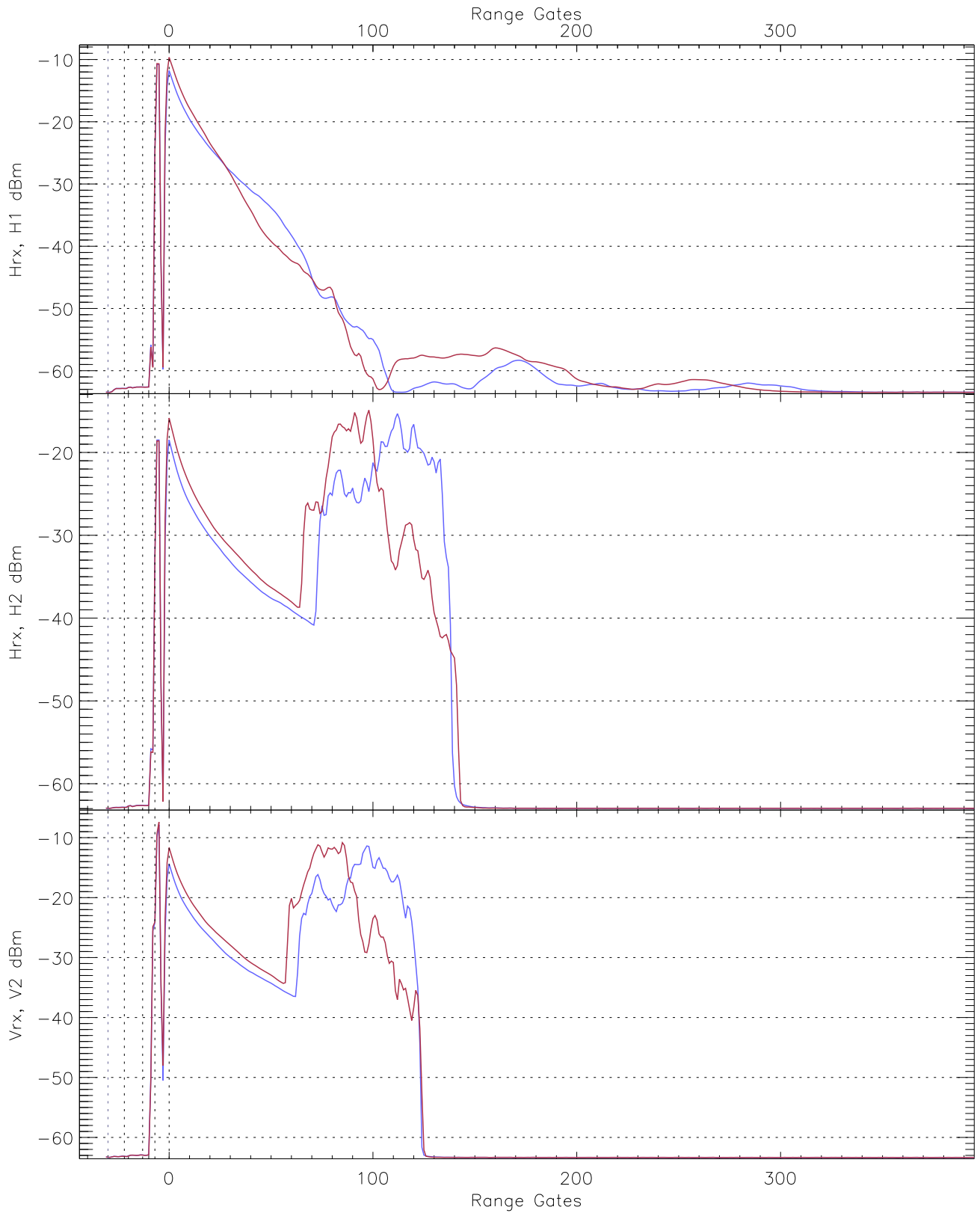
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.40	-62.59	-63.47	-63.47	-76.11
Hrx, H2 (RM [dBm])	-63.95	-62.09	-62.96	-62.97	-75.66
Vrx, V2 (RM [dBm])	-64.37	-62.42	-63.32	-63.32	-76.00

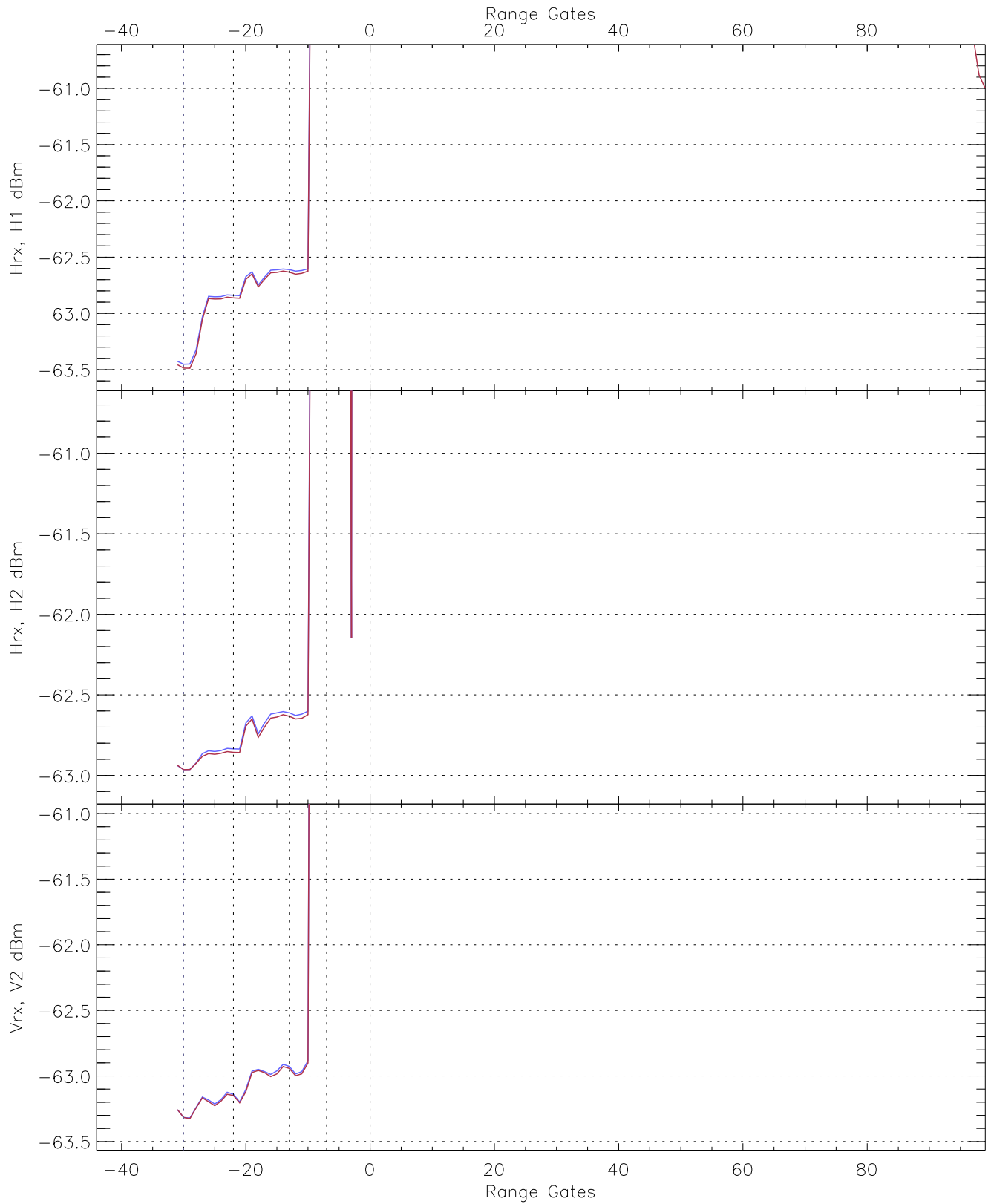


WCR2 CPP "Best" estimate Receivers Noise Power

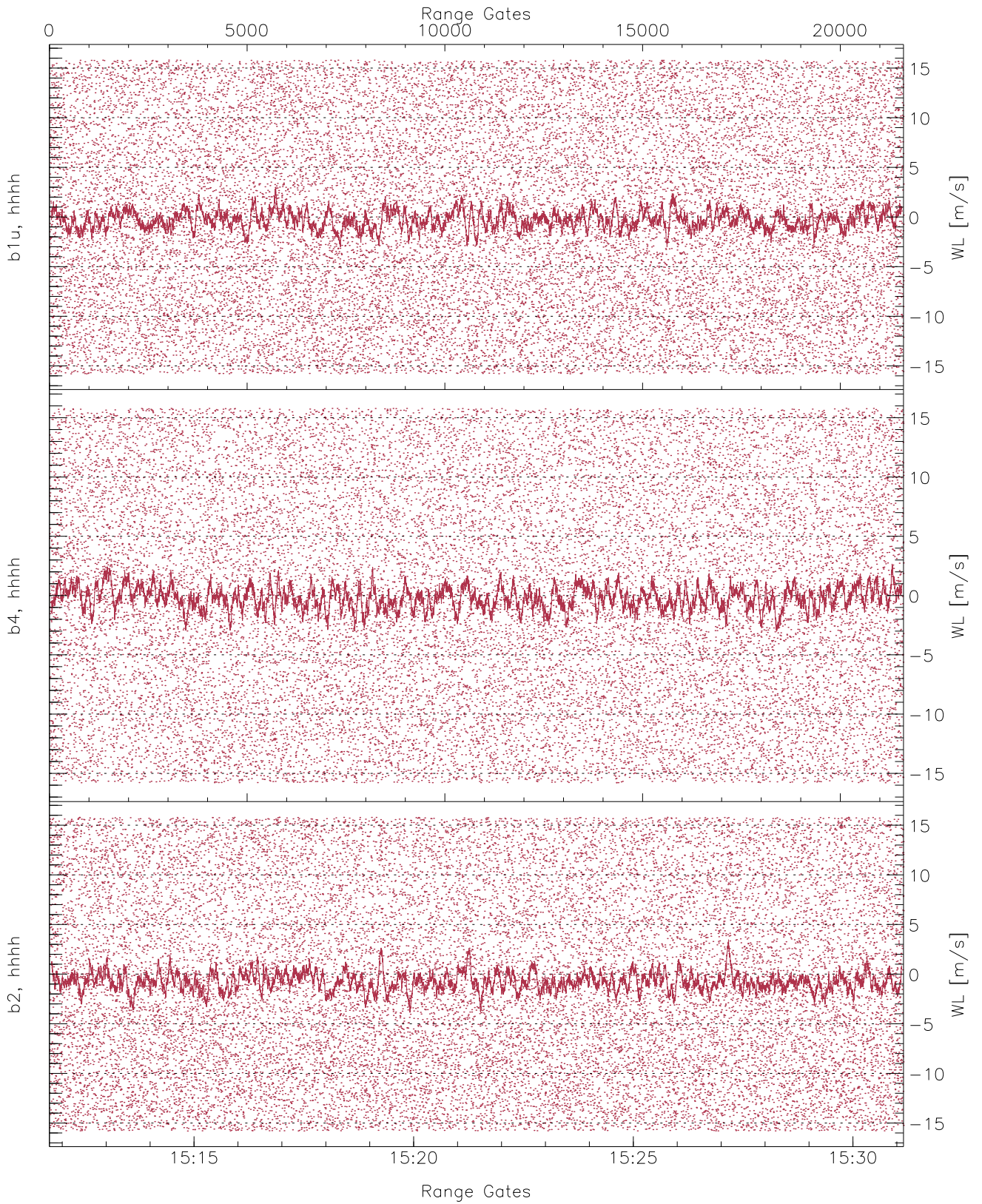
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-64.40	-62.59	-63.47	-63.48	-76.11
H2RM_0 [dBm]	-63.96	-62.10	-62.97	-62.98	-75.67
V2RG269_0 [dBm]	-64.38	-62.45	-63.36	-63.37	-76.04



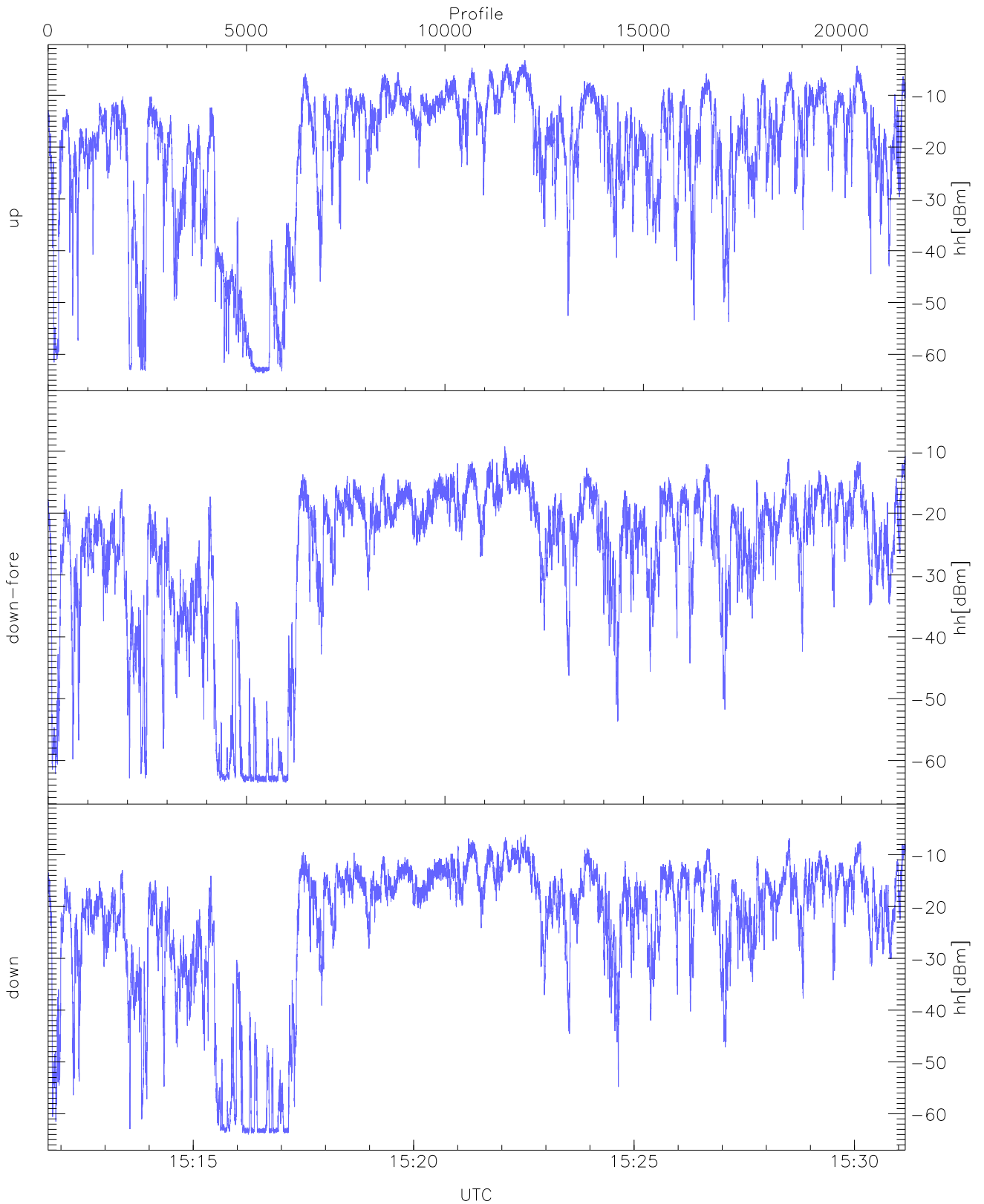
WCR2 CPP Averaged Received power for all recorded gates
blue: 151142-152126, 10801 profiles averaged
red: 152126-153109, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 151142-152126, 10801 profiles averaged
red: 152126-153109, 10800 profiles averaged

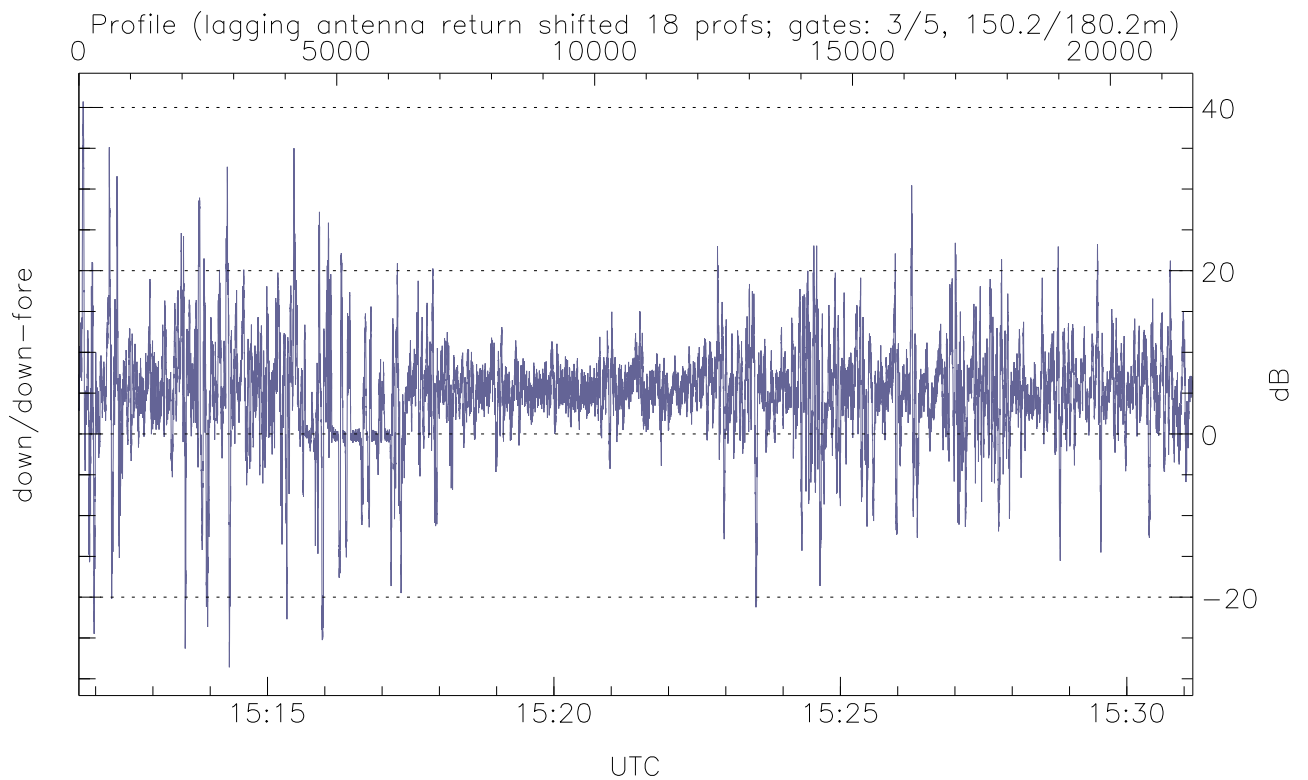
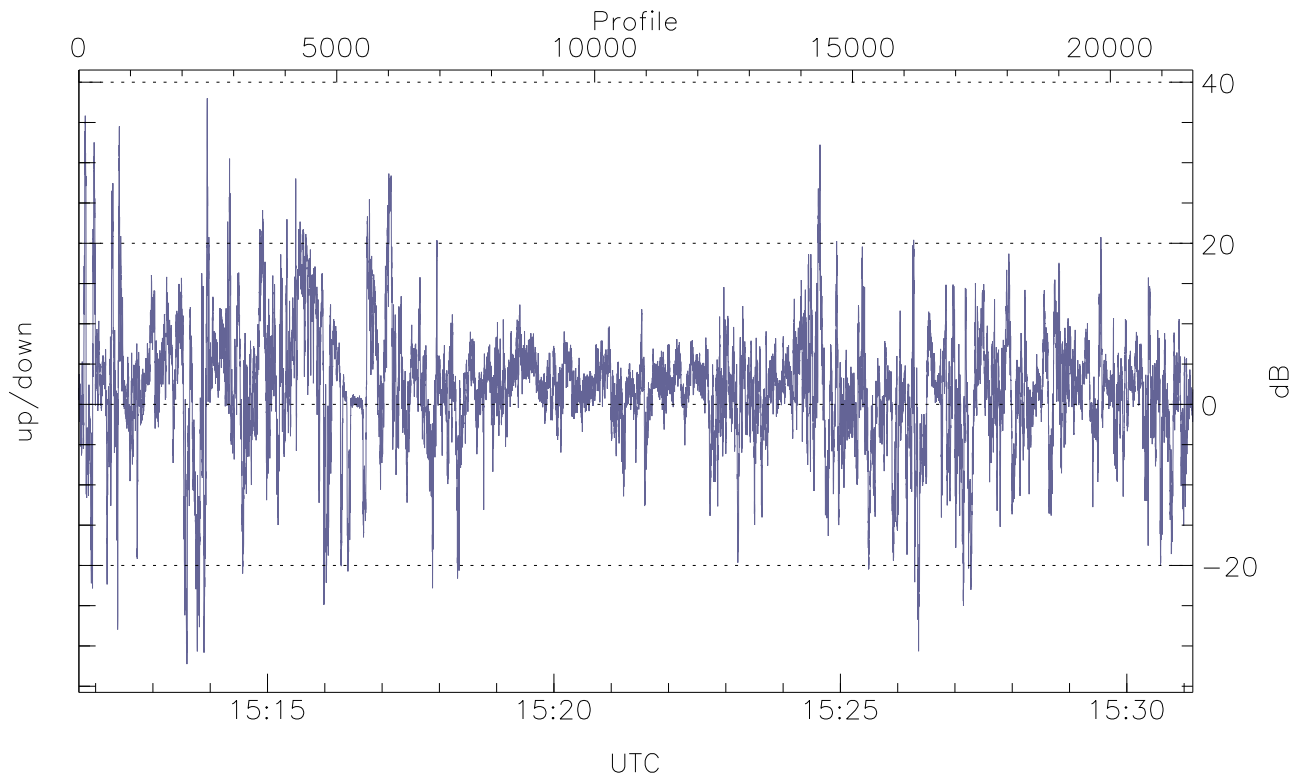


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



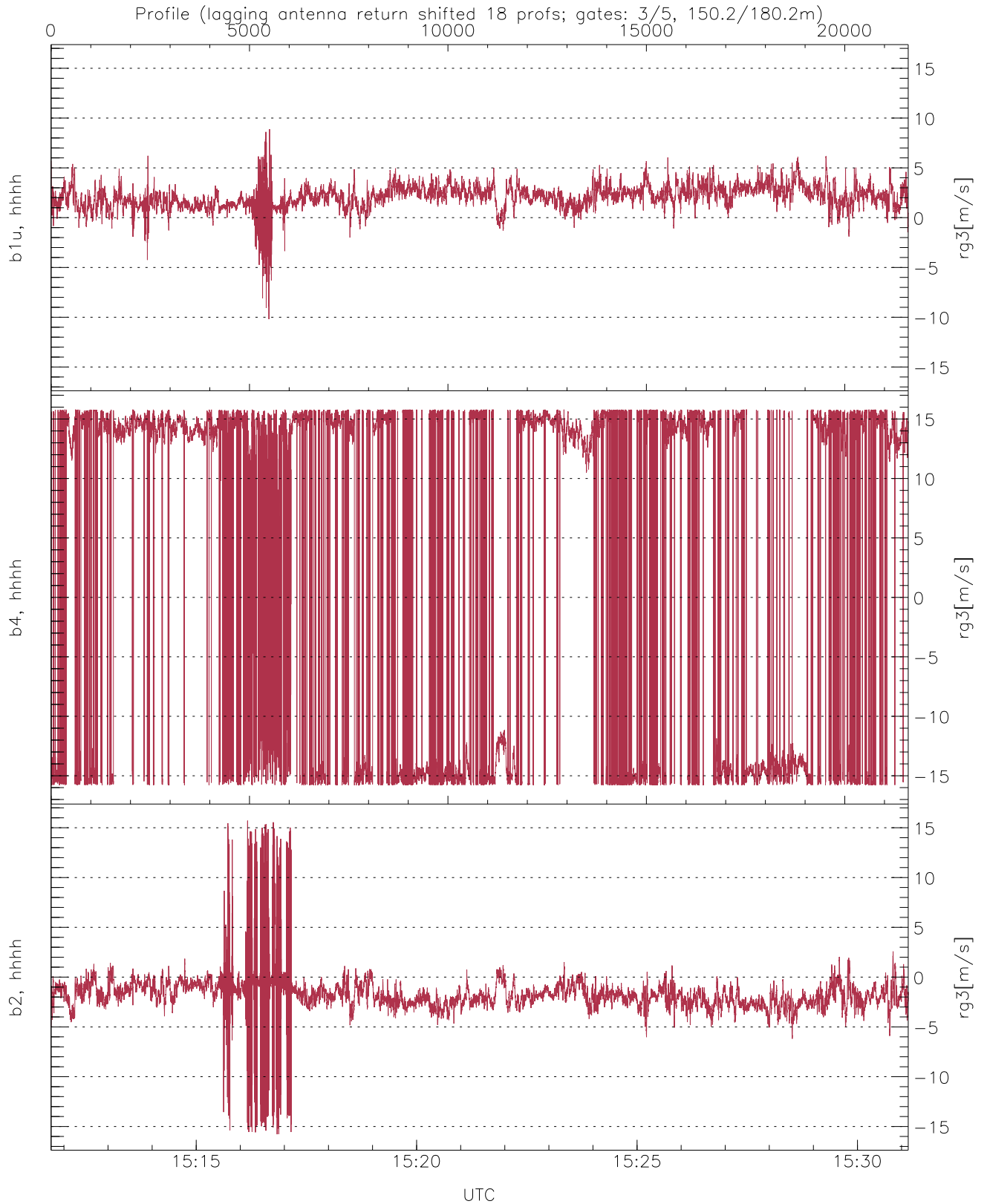
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.67	-3.26	-13.49
down-fore(hh[dBm])	-63.62	-9.23	-19.92
down(hh[dBm])	-64.00	-6.17	-16.13



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down (dB)	-32.25	38.00	1.92
down/down-fore (dB)	-28.59	40.73	5.06



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-10.19	8.89	2.08	1.14
b4, hhhh(rg3[m/s])	-15.80	15.80	3.08	14.26
b2, hhhh(rg3[m/s])	-15.78	15.71	-1.78	1.99