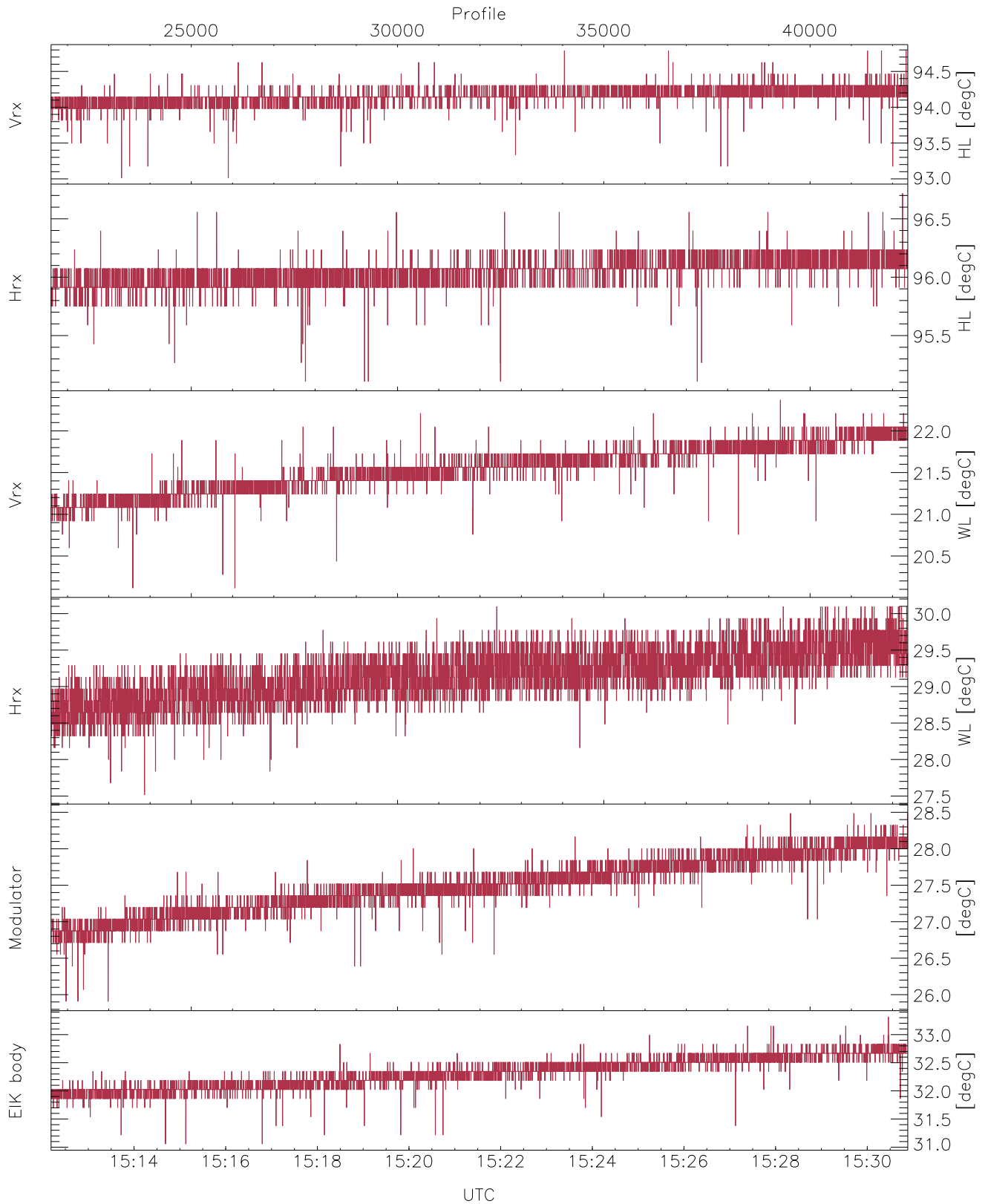


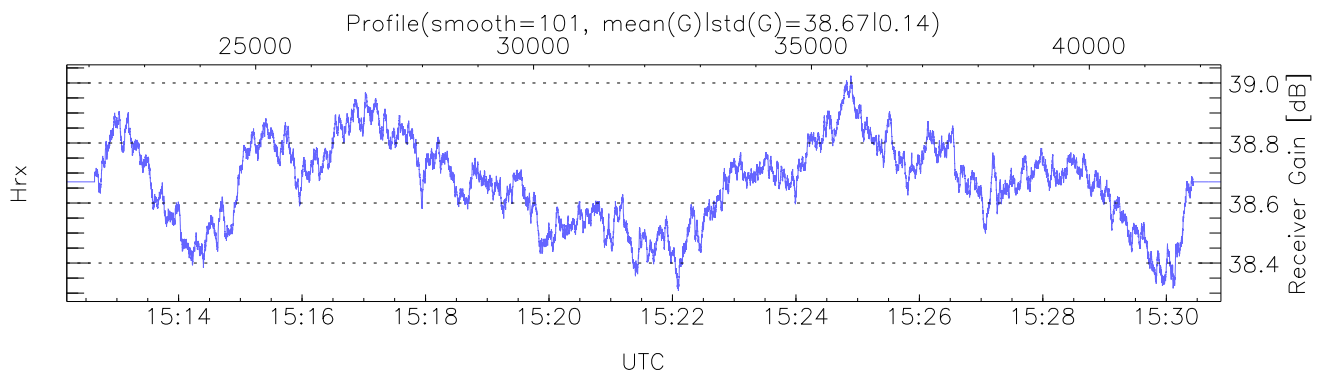
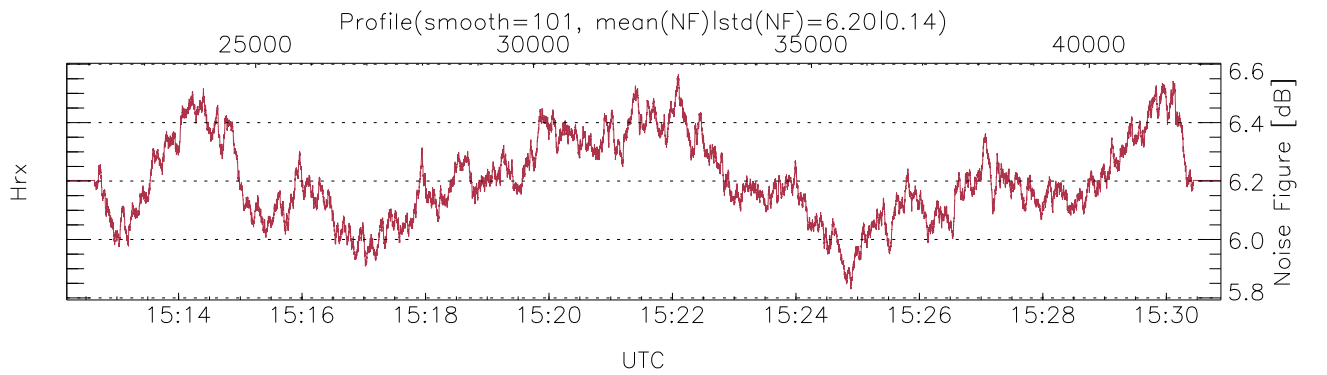
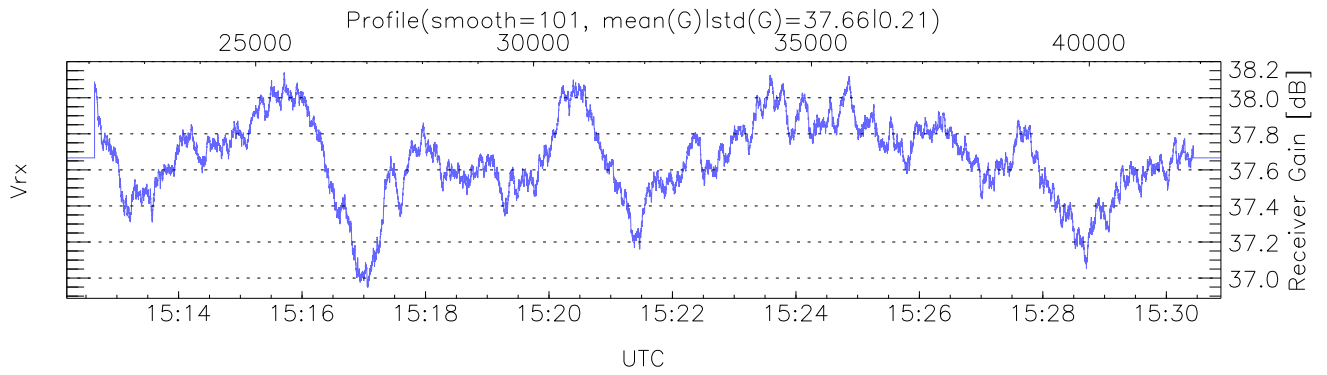
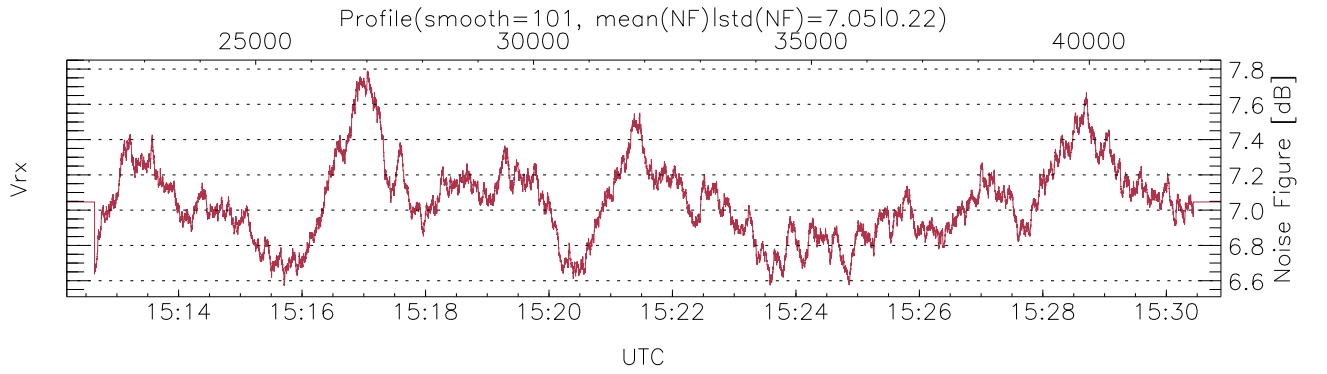
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:52:45-15:30:53, Dur: 2288.50s
 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): 20770/42370, 21600-42369/15:12:11-15:30:53
 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



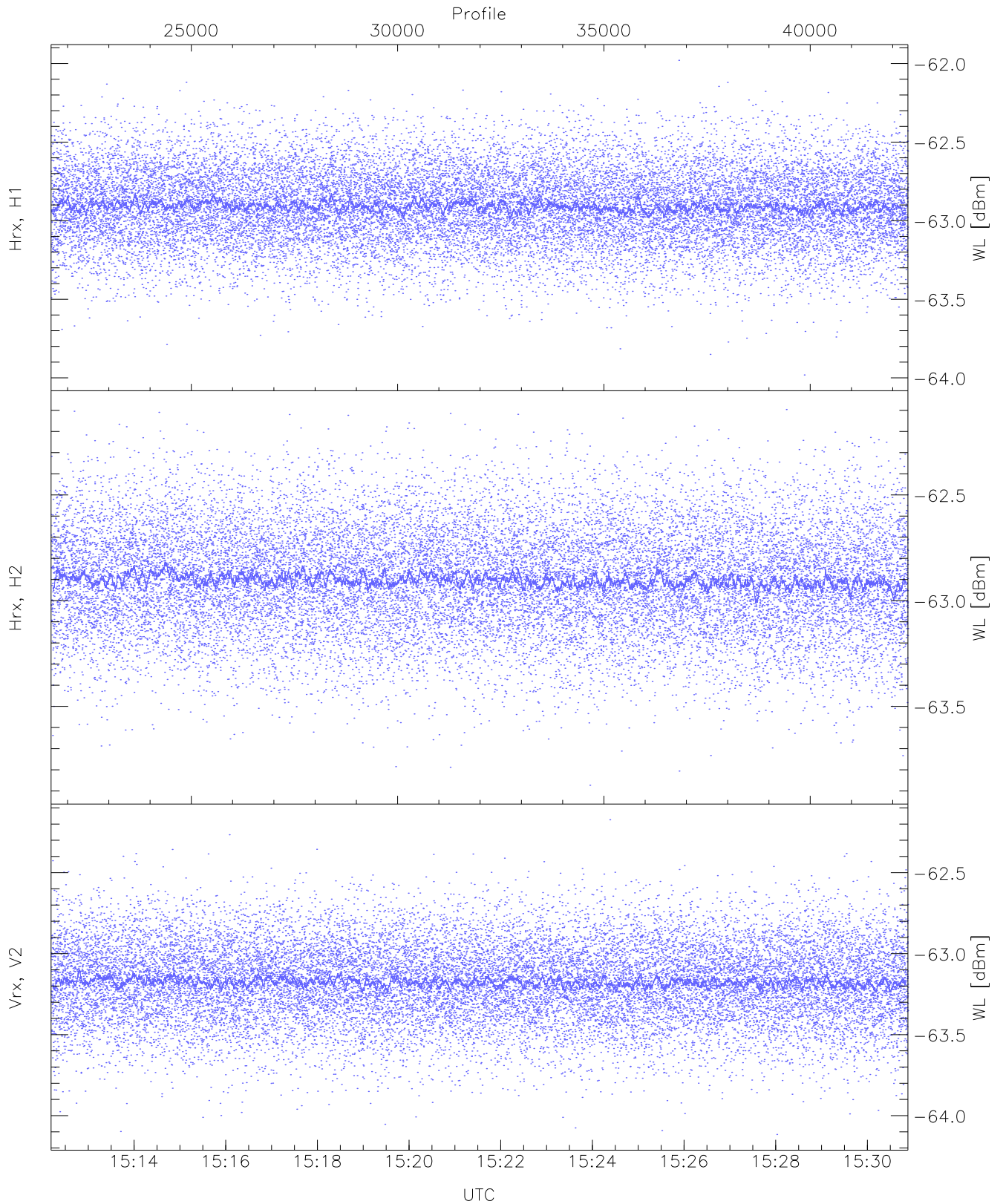
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,20,27,25,31
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,30,28,33
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,15,10,5)



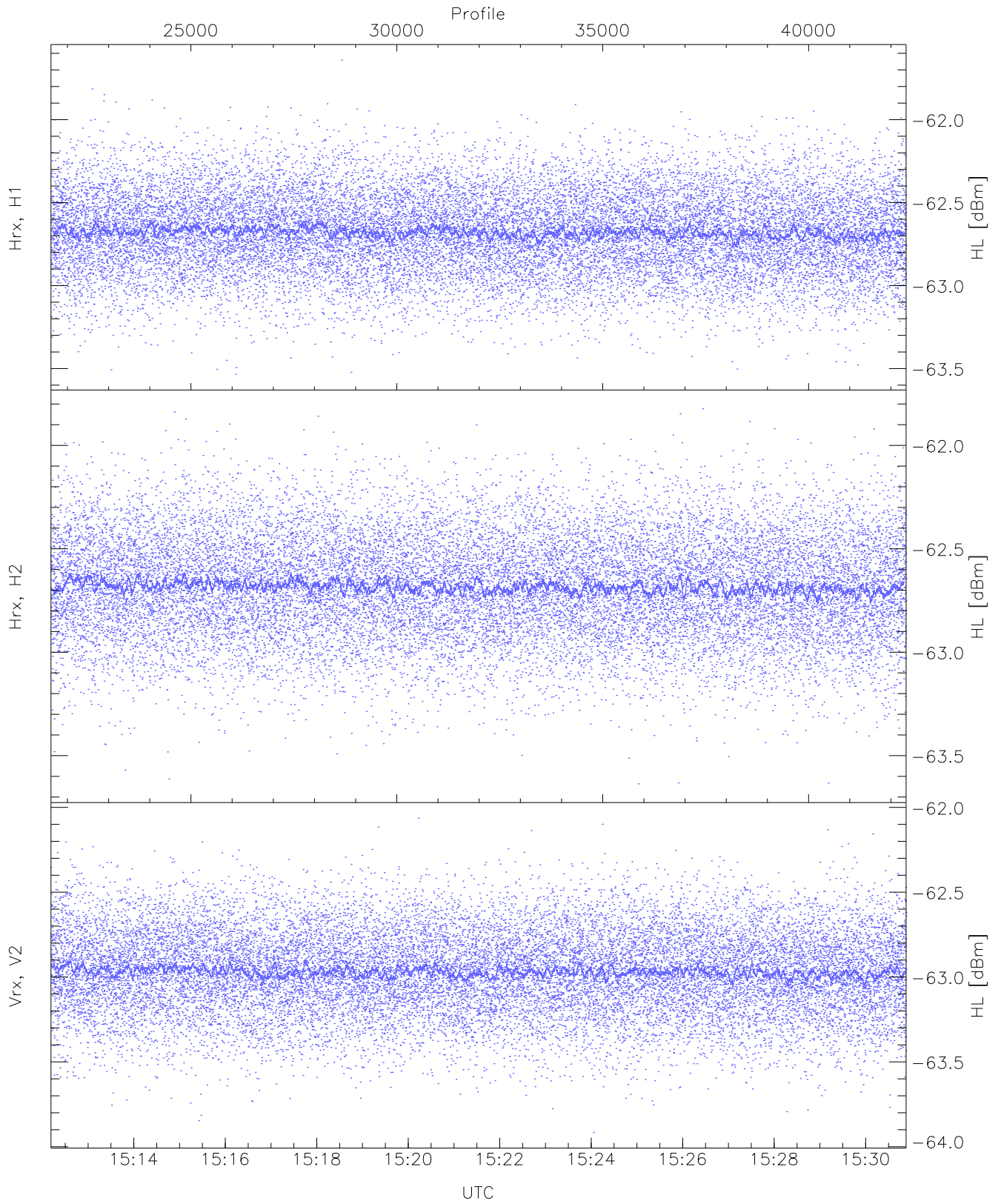
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1111 pixs, 30 gates, 1064 profs, 1 prods



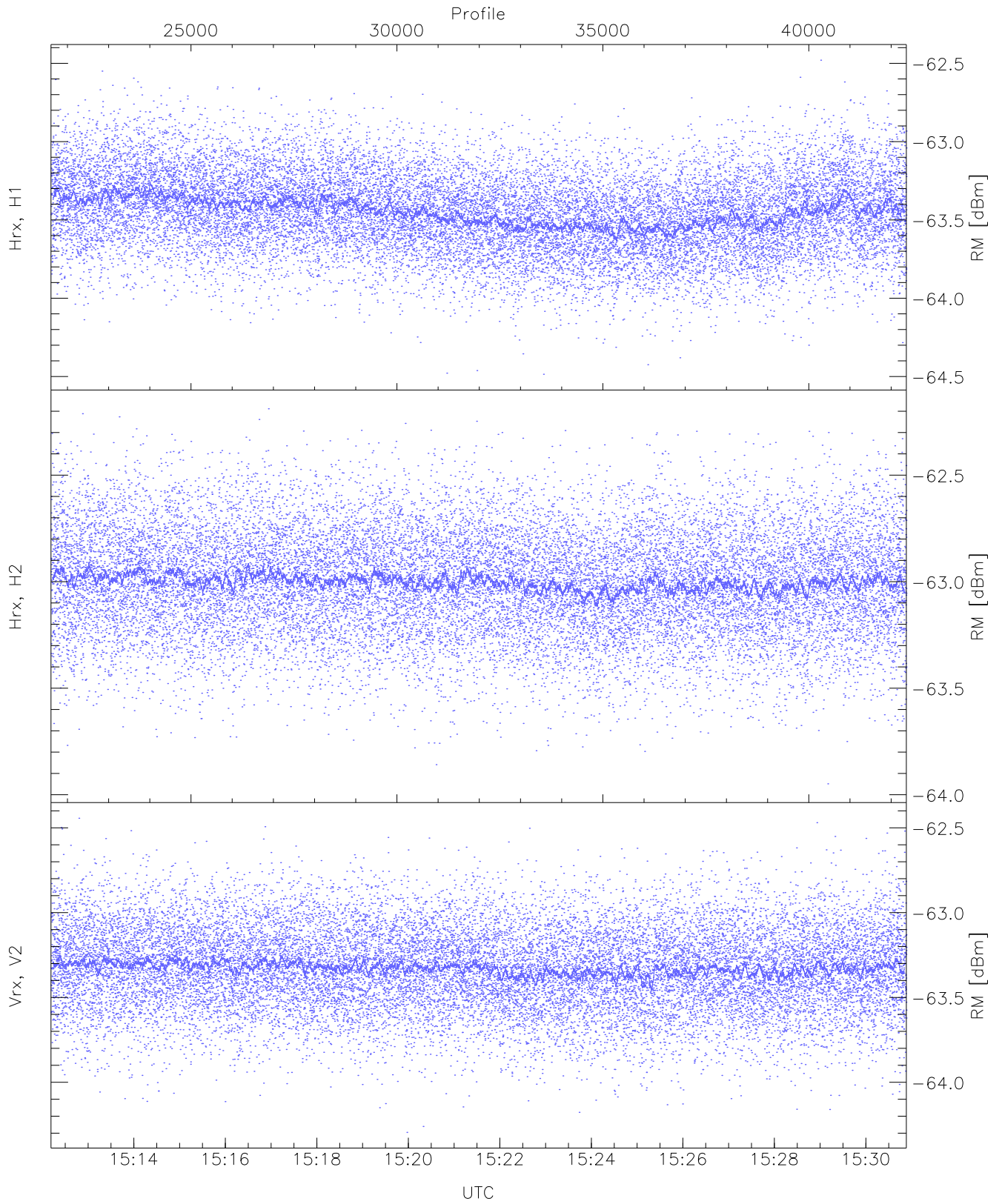
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.98	-61.98	-62.91	-62.91	-75.66
Hrx, H2(WL [dBm])	-63.87	-62.10	-62.90	-62.90	-75.57
Vrx, V2(WL [dBm])	-64.12	-62.17	-63.17	-63.17	-75.86



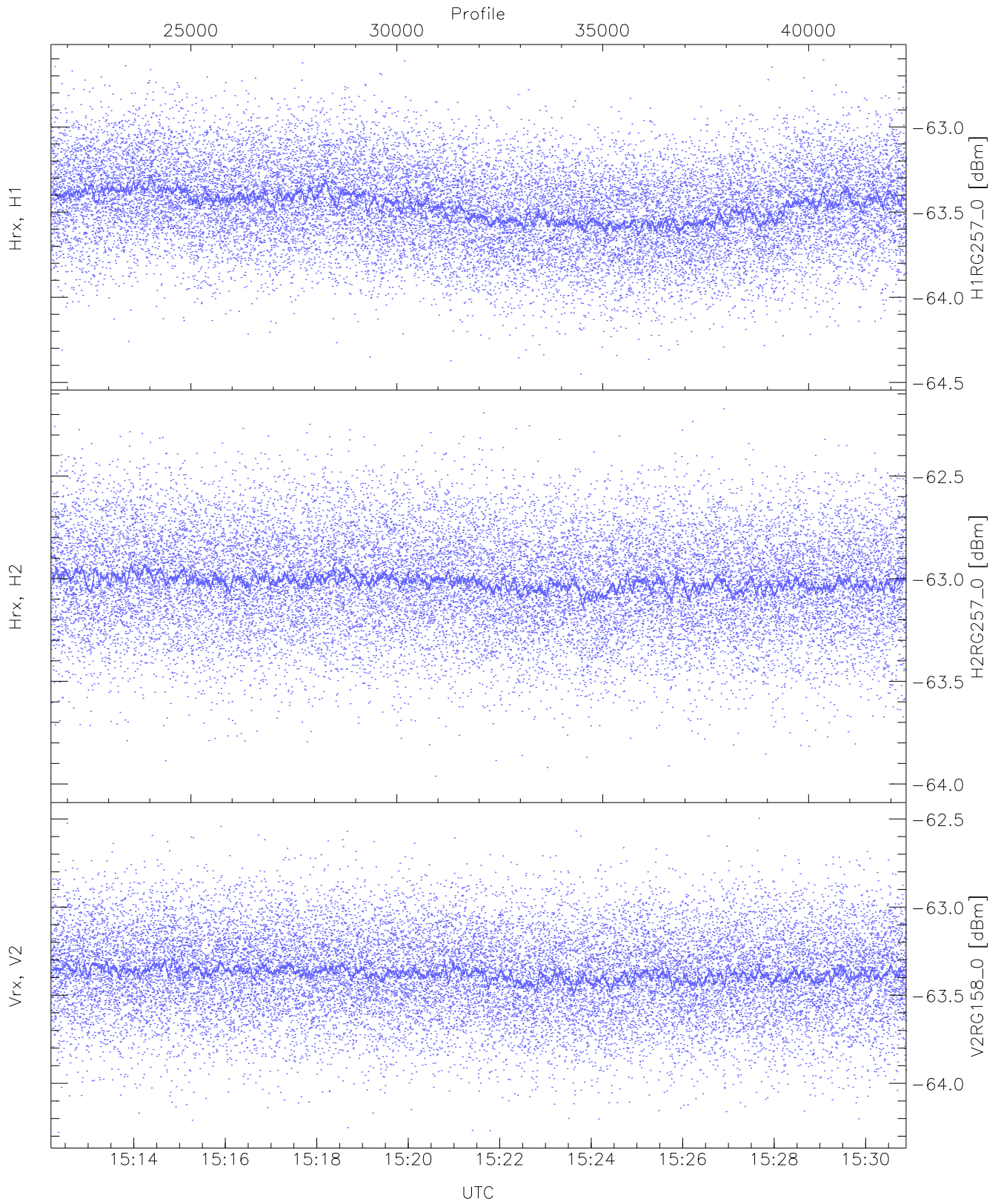
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.53	-61.64	-62.68	-62.68	-75.40
Hrx, H2 (HL [dBm])	-63.64	-61.82	-62.68	-62.69	-75.38
Vrx, V2 (HL [dBm])	-63.92	-62.06	-62.97	-62.97	-75.66



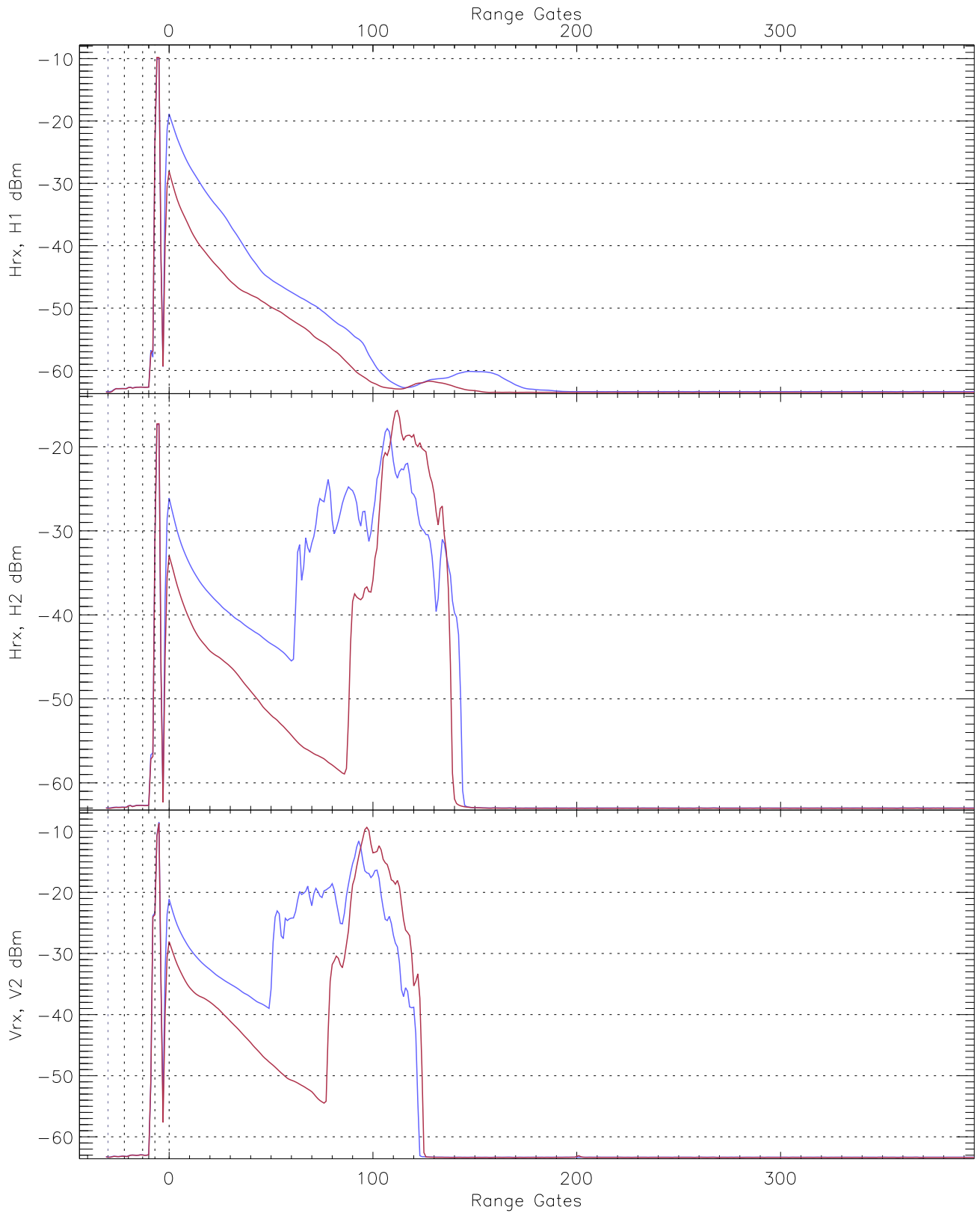
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.49	-62.48	-63.44	-63.45	-75.95
Hrx, H2 (RM [dBm])	-63.95	-62.19	-63.00	-63.00	-75.72
Vrx, V2 (RM [dBm])	-64.30	-62.44	-63.32	-63.33	-76.00

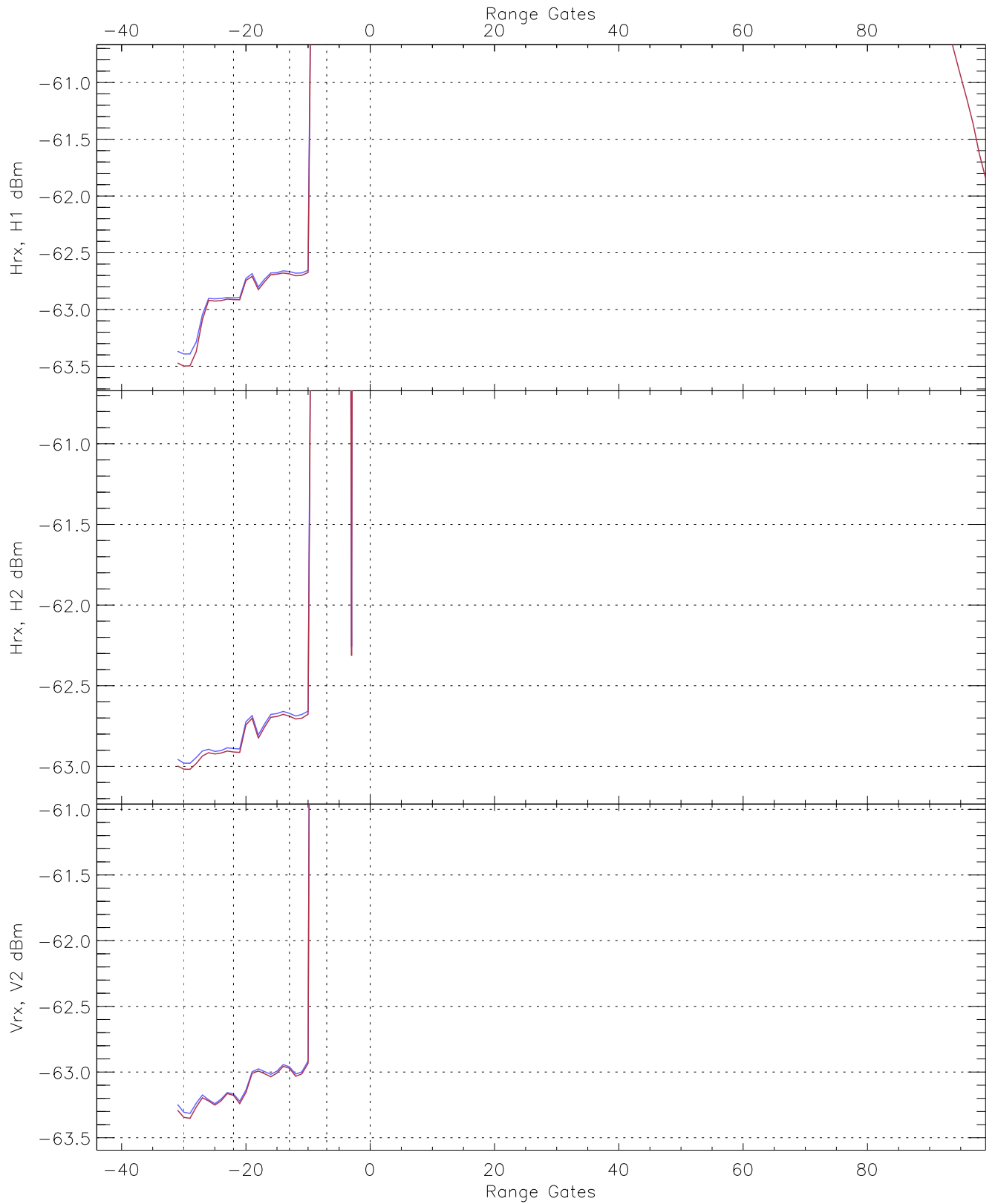


WCR2 CPP "Best" estimate Receivers Noise Power

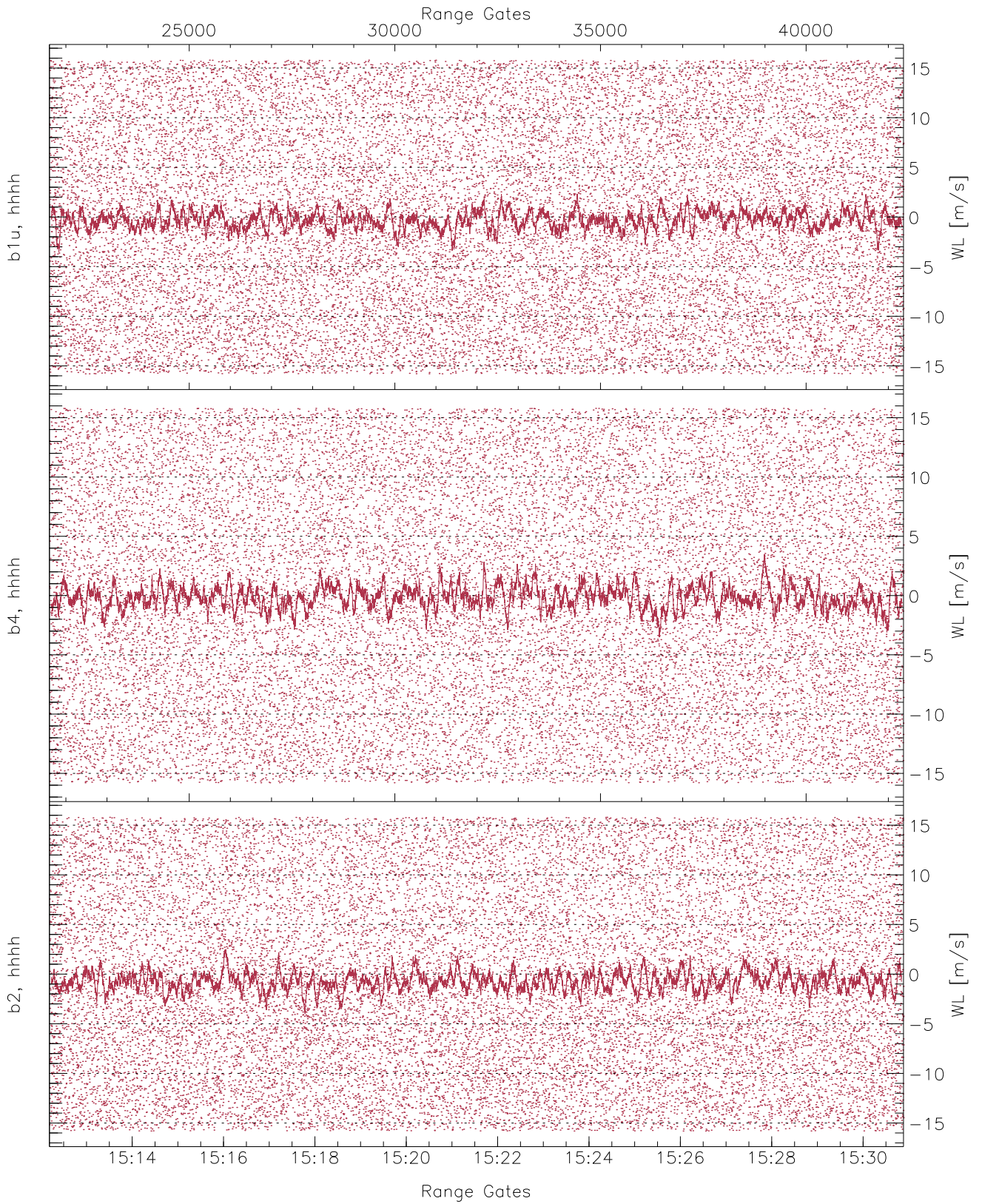
	Min	Max	Mean	Median	StDev
H1RG257_0 [dBm]	-64.45	-62.61	-63.46	-63.46	-75.95
H2RG257_0 [dBm]	-64.00	-62.17	-63.01	-63.02	-75.70
V2RG158_0 [dBm]	-64.28	-62.50	-63.38	-63.38	-76.03



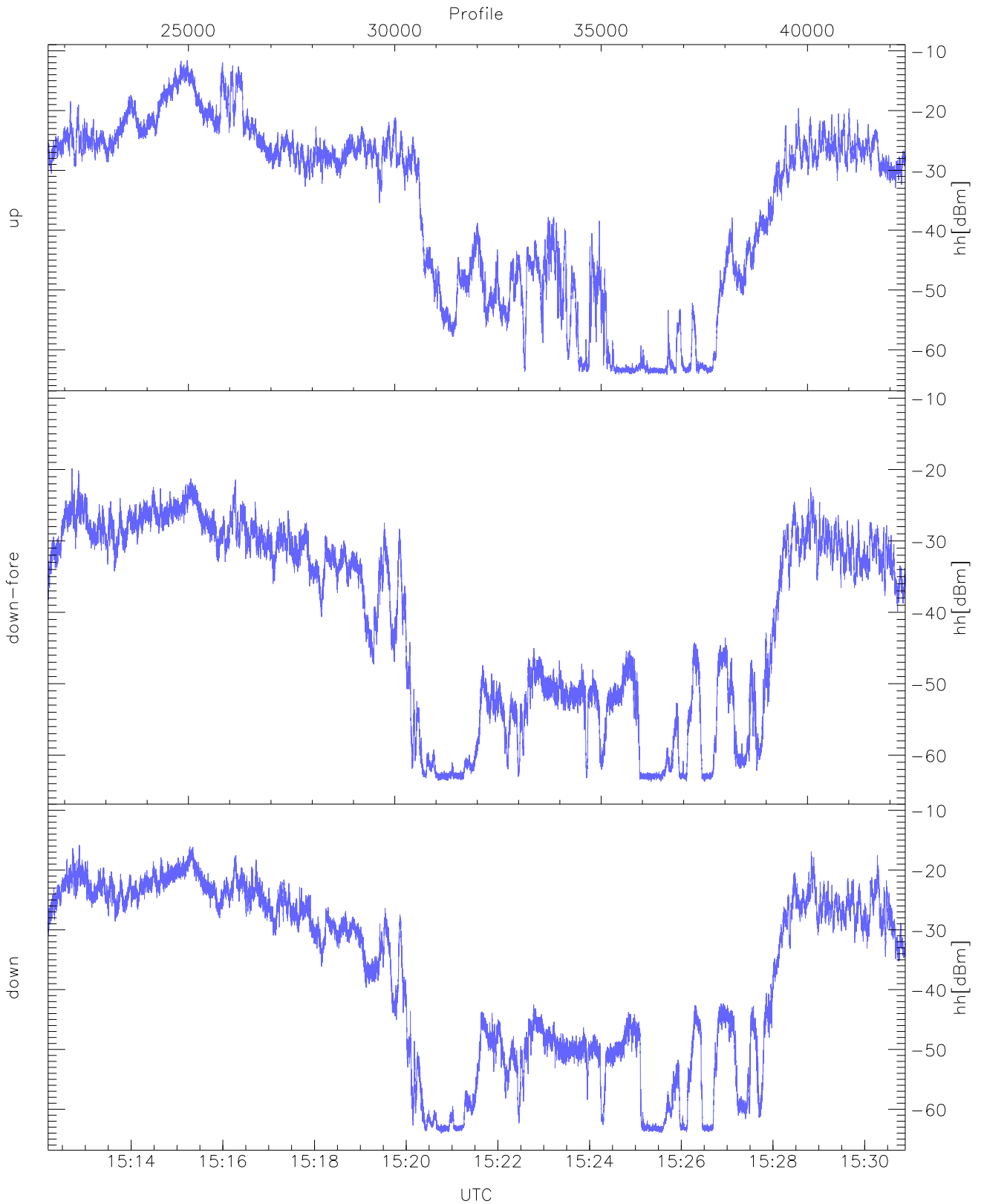
WCR2 CPP Averaged Received power for all recorded gates
blue: 151211-152132, 10386 profiles averaged
red: 152132-153053, 10385 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 151211-152132, 10386 profiles averaged
red: 152132-153053, 10385 profiles averaged

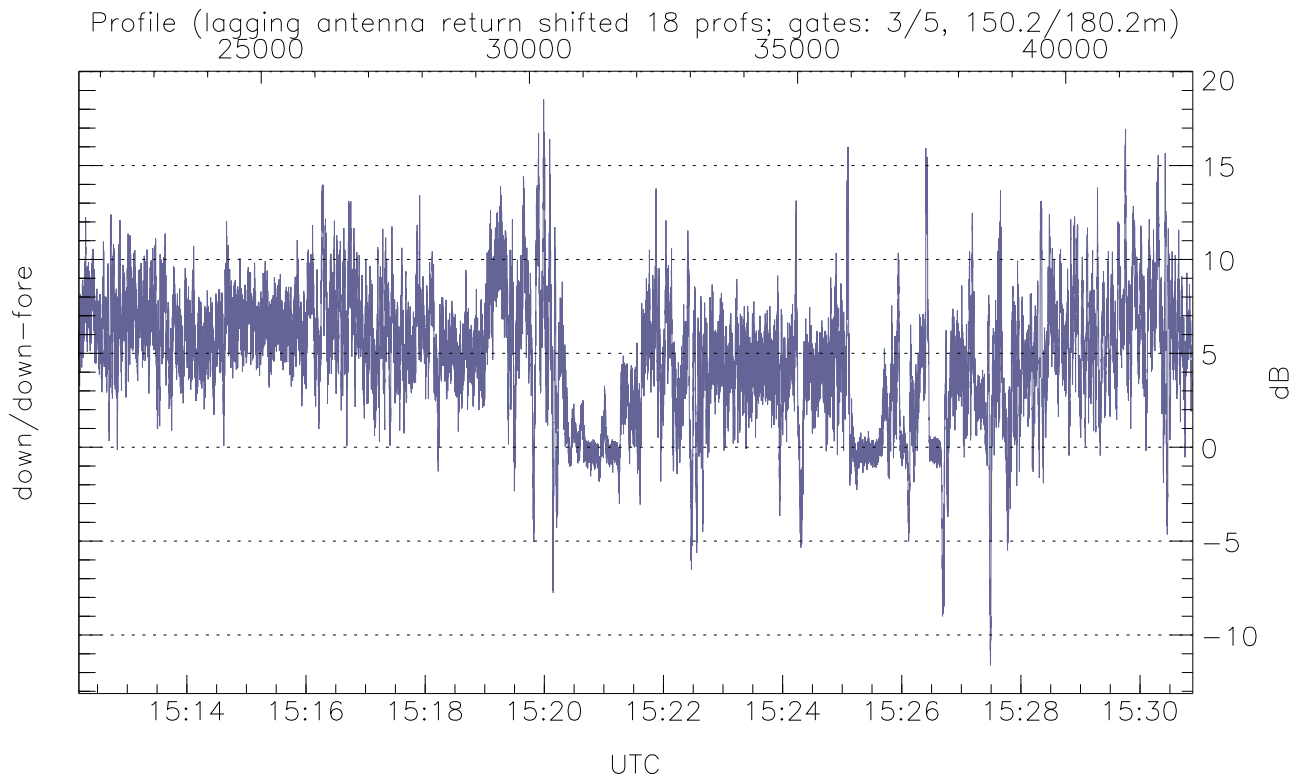
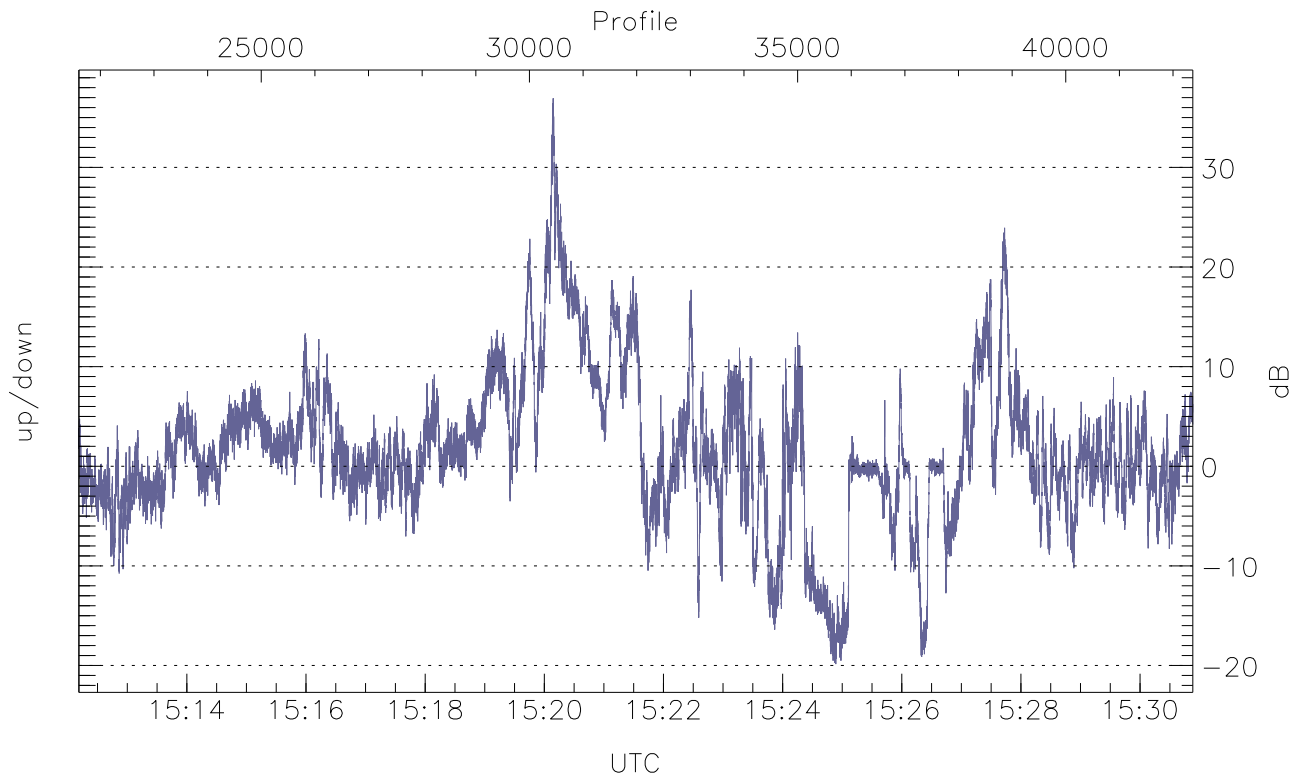


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



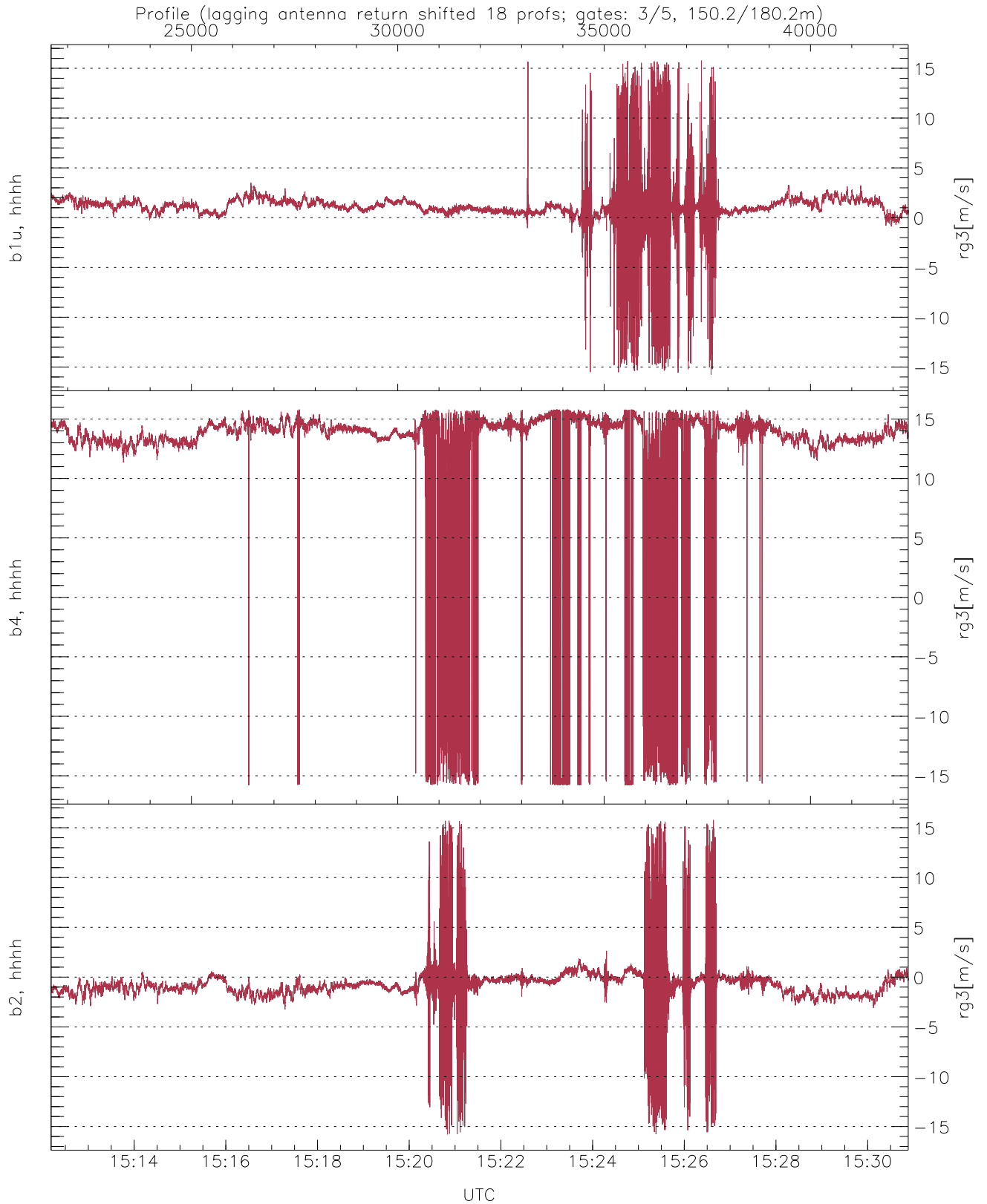
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.22	-11.59	-24.44
down-fore(hh[dBm])	-63.75	-19.87	-31.27
down(hh[dBm])	-64.04	-15.81	-26.57



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

	Min	Max	Mean
up/down (dB)	-19.86	36.93	1.64
down/down-fore (dB)	-11.61	18.52	4.85



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.75	15.77	1.08	2.24
b4, hhhh(rg3[m/s])	-15.80	15.80	12.00	6.77
b2, hhhh(rg3[m/s])	-15.79	15.78	-0.78	2.26