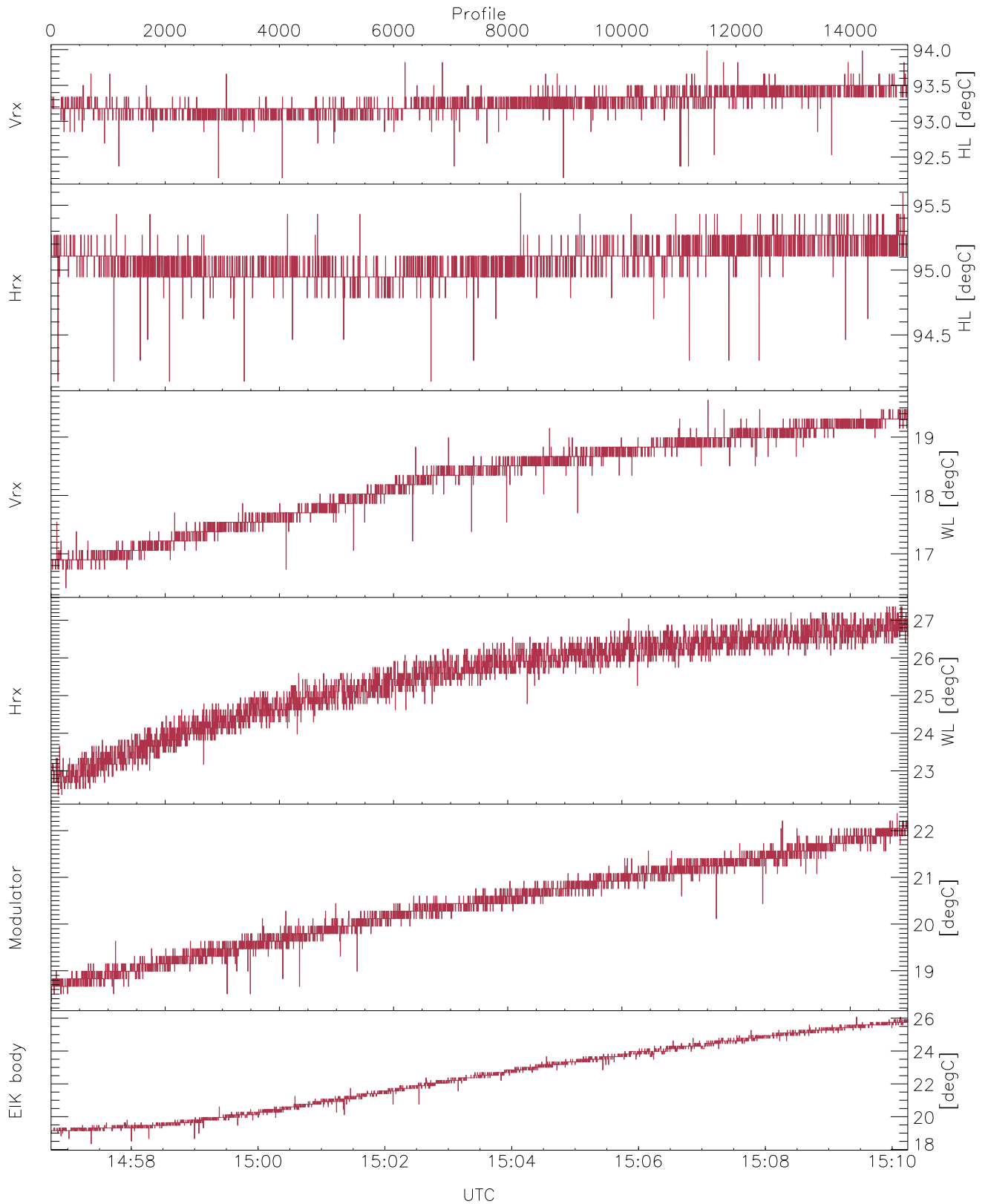


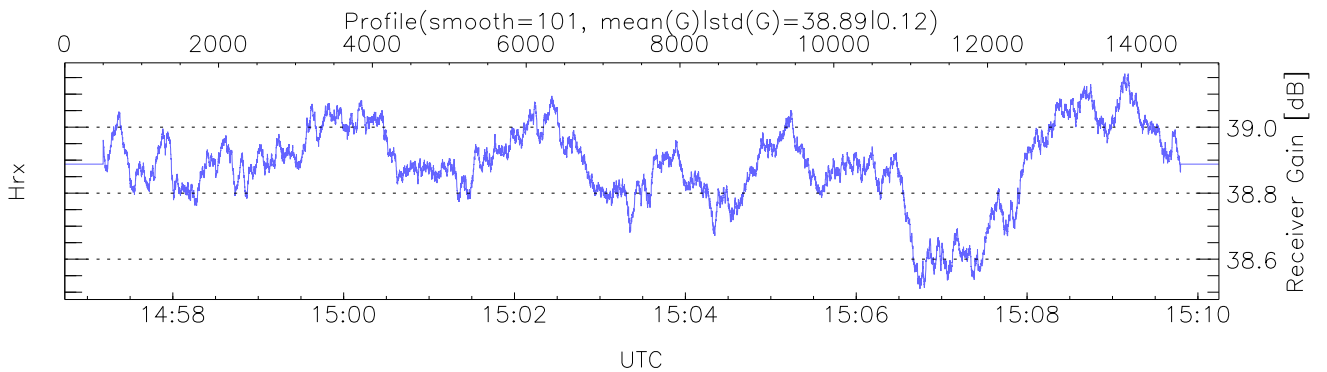
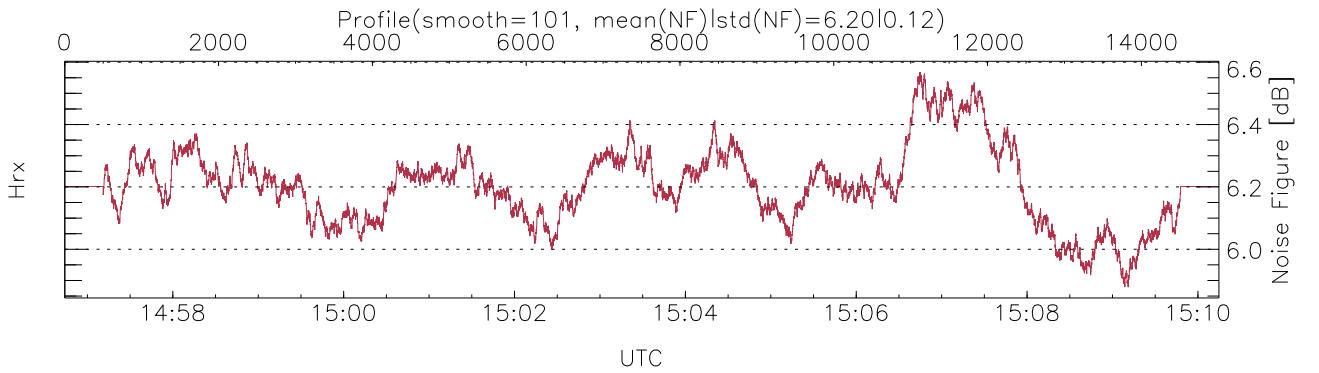
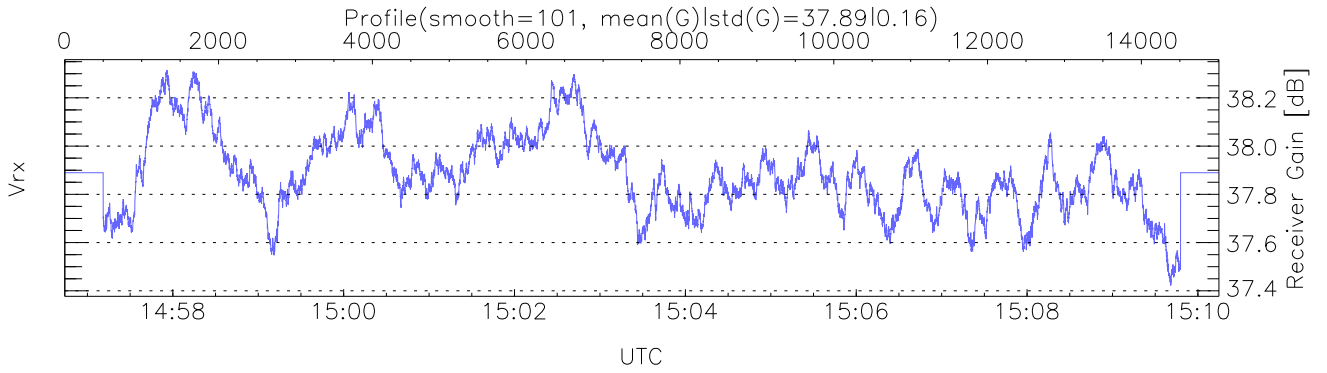
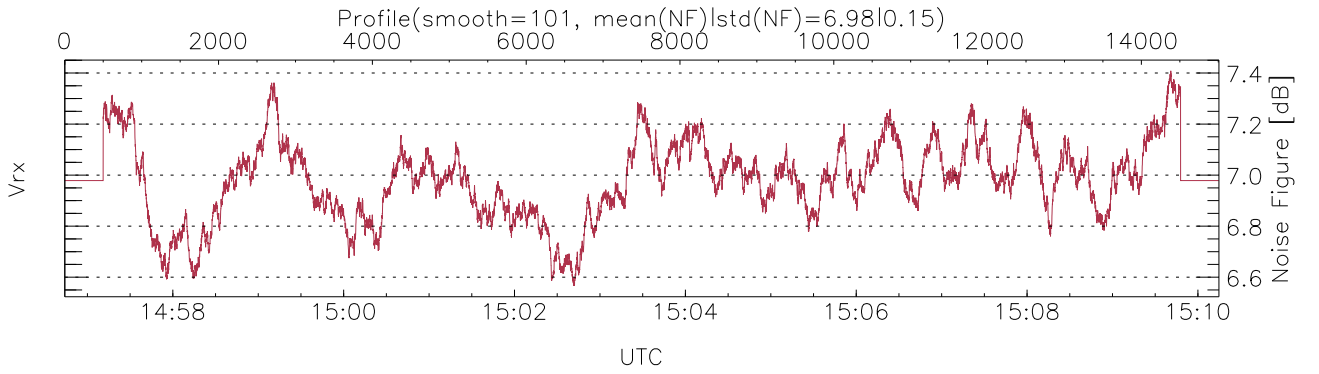
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:56:44-15:10:15, Dur: 810.69s
 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): 15010/15010, 0-15009/14:56:44-15:10:15
 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



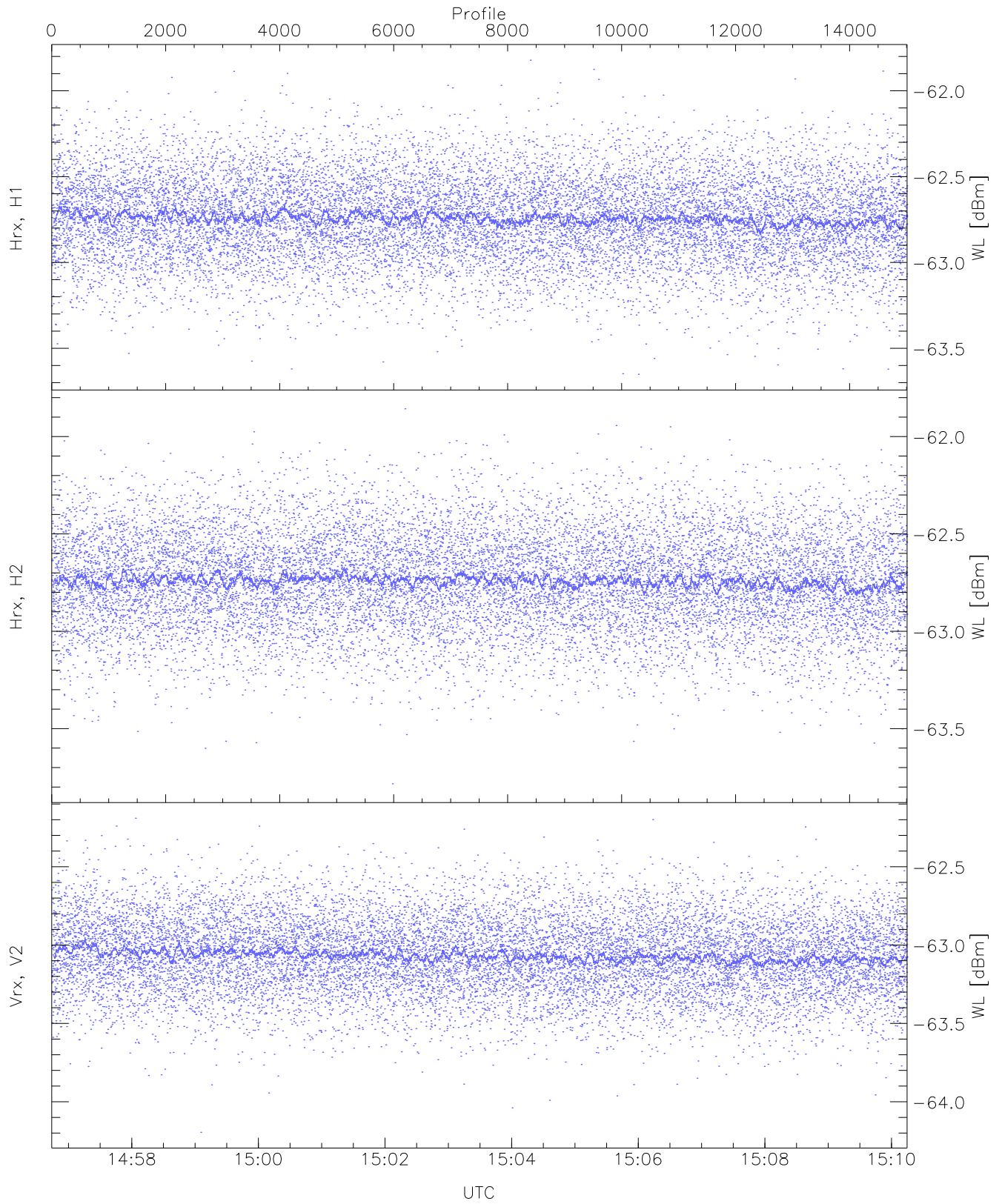
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,16,22,18,18
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,19,27,22,26
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,15,15,10,15)



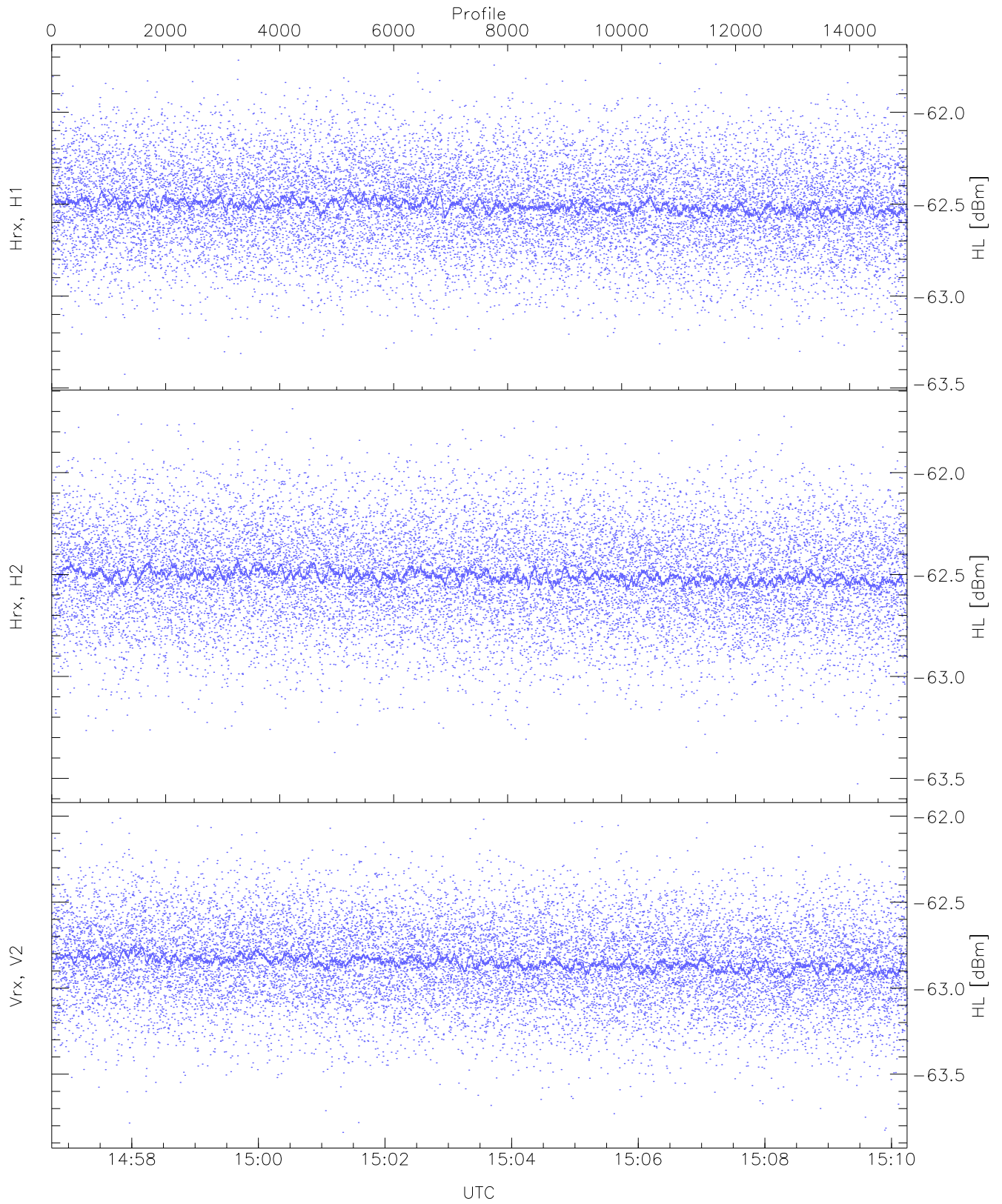
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 19382 pixs, 57 gates, 8940 profs, 2 prods



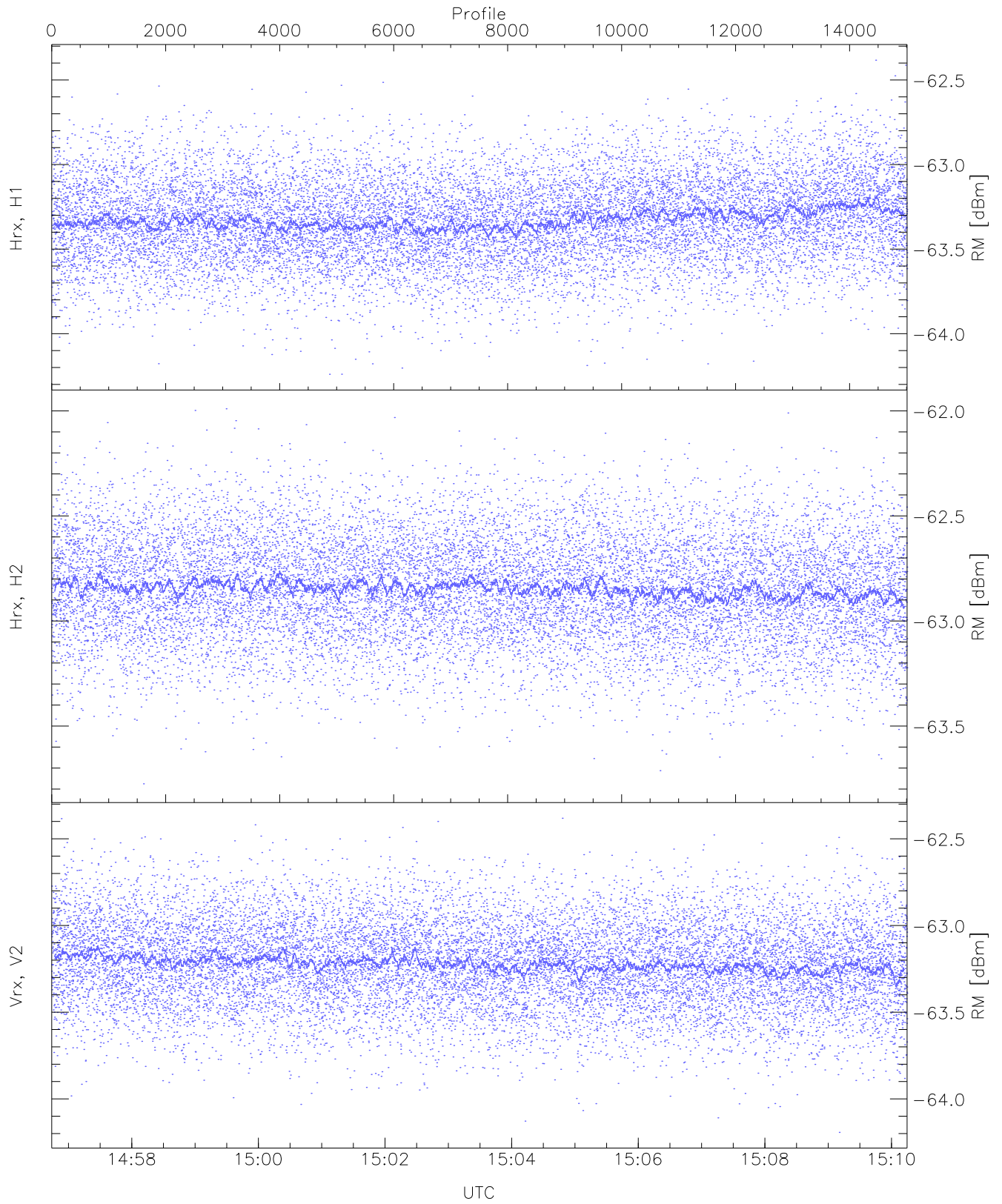
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.65	-61.82	-62.74	-62.75	-75.43
Hrx, H2(WL [dBm])	-63.78	-61.86	-62.74	-62.74	-75.45
Vrx, V2(WL [dBm])	-64.20	-62.19	-63.06	-63.07	-75.78



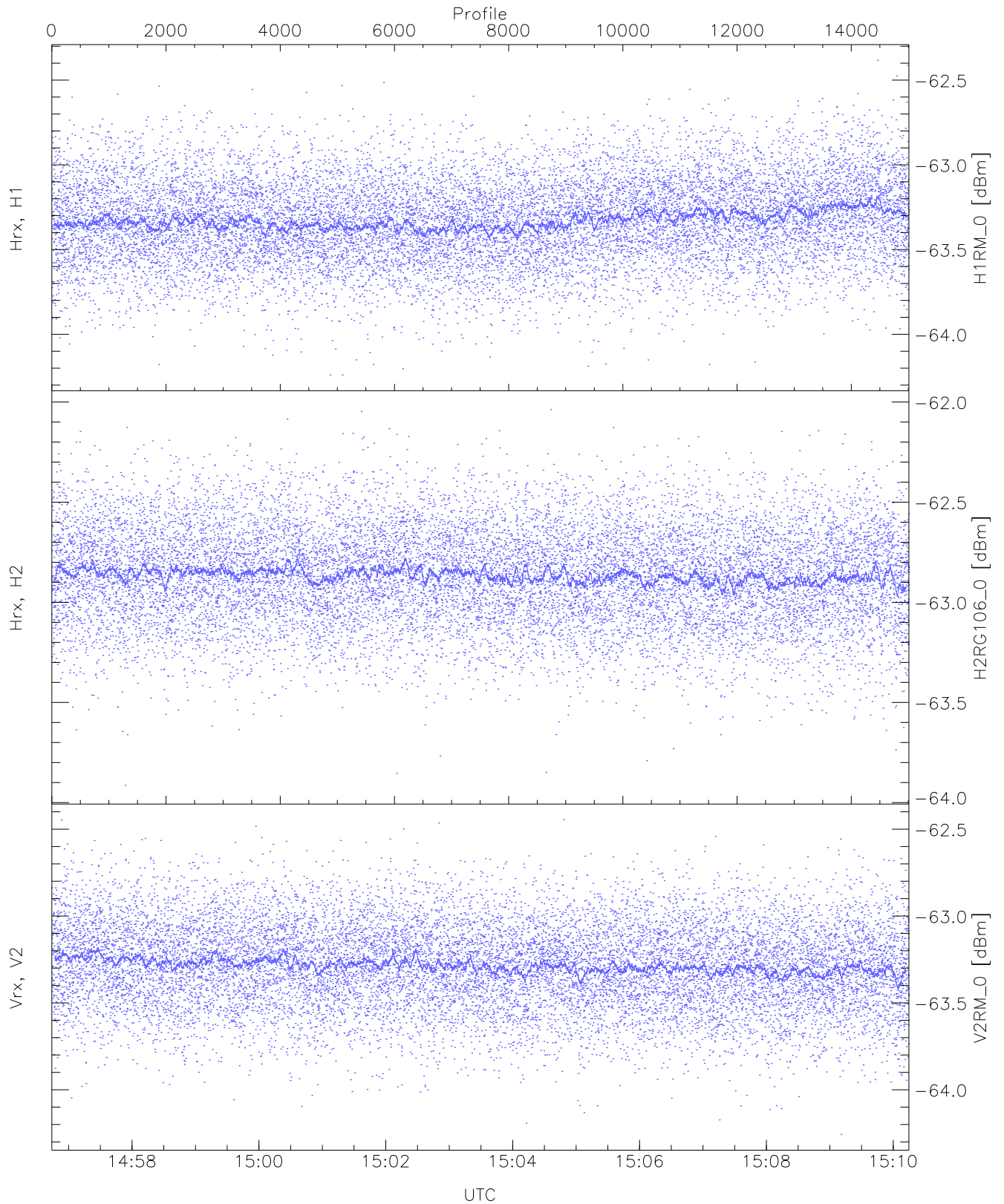
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.43	-61.72	-62.50	-62.51	-75.23
Hrx, H2 (HL [dBm])	-63.53	-61.69	-62.50	-62.51	-75.23
Vrx, V2 (HL [dBm])	-63.84	-62.01	-62.85	-62.85	-75.51



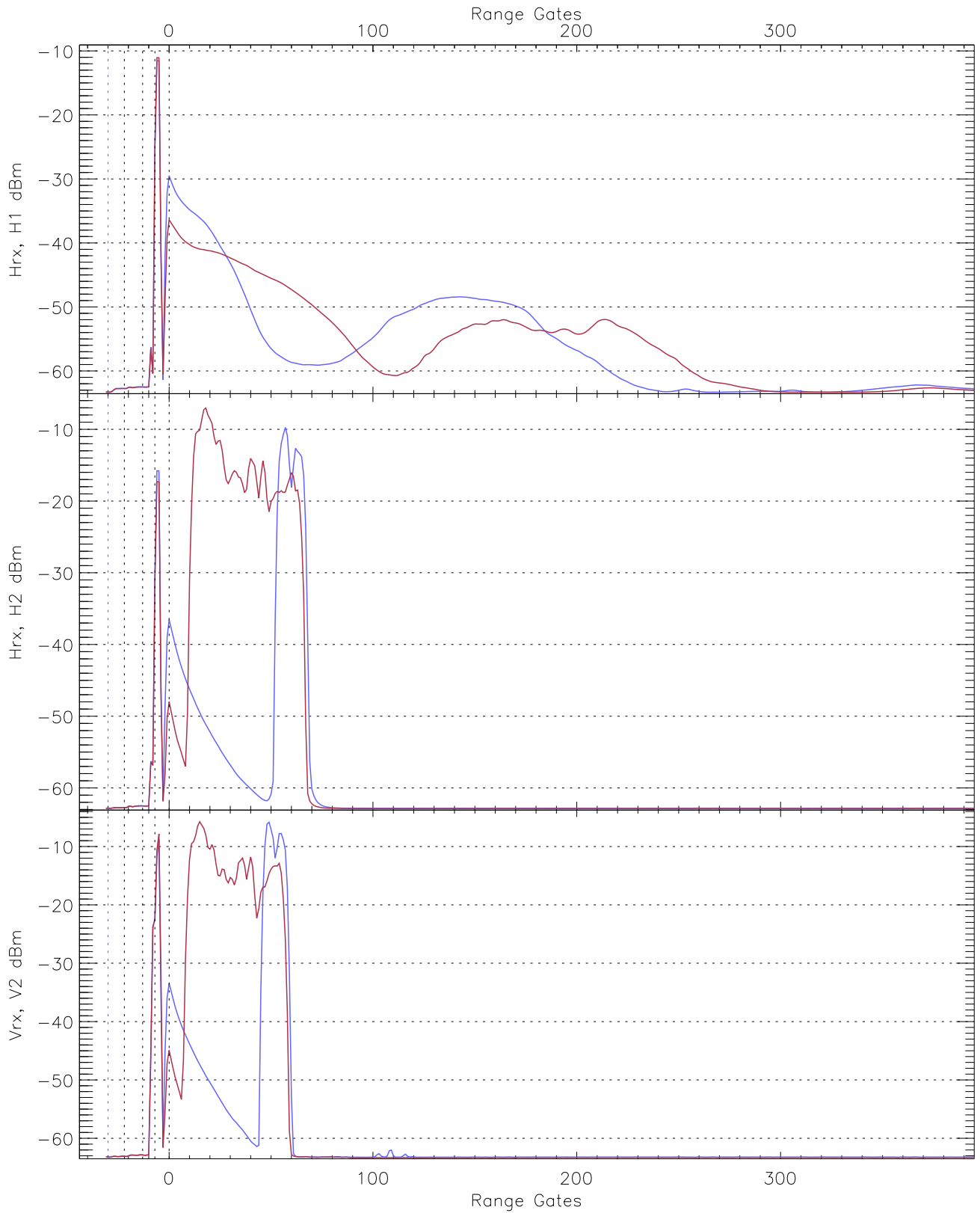
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.24	-62.38	-63.32	-63.33	-75.95
Hrx, H2 (RM [dBm])	-63.77	-61.99	-62.84	-62.85	-75.54
Vrx, V2 (RM [dBm])	-64.19	-62.38	-63.22	-63.22	-75.87

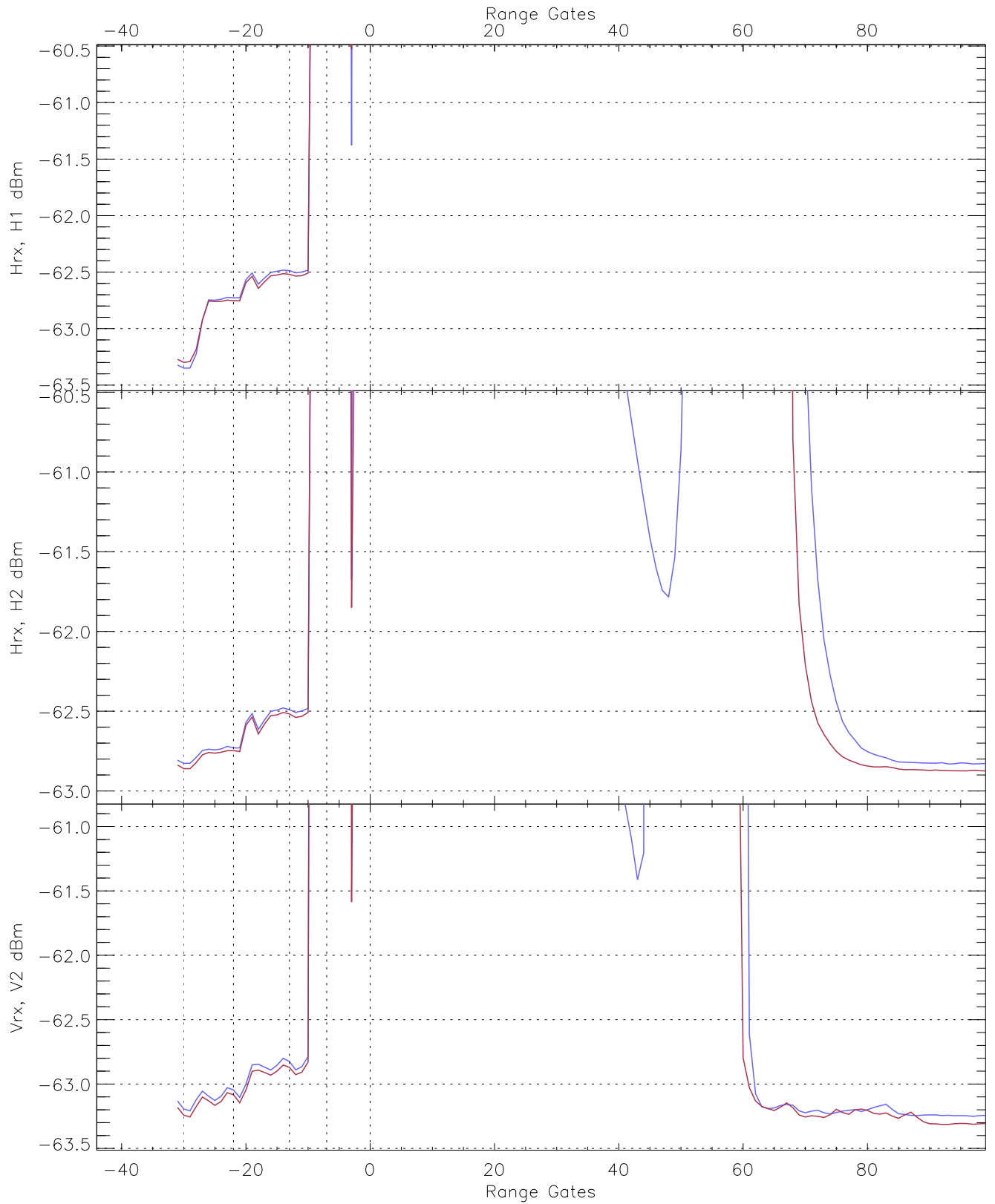


WCR2 CPP "Best" estimate Receivers Noise Power

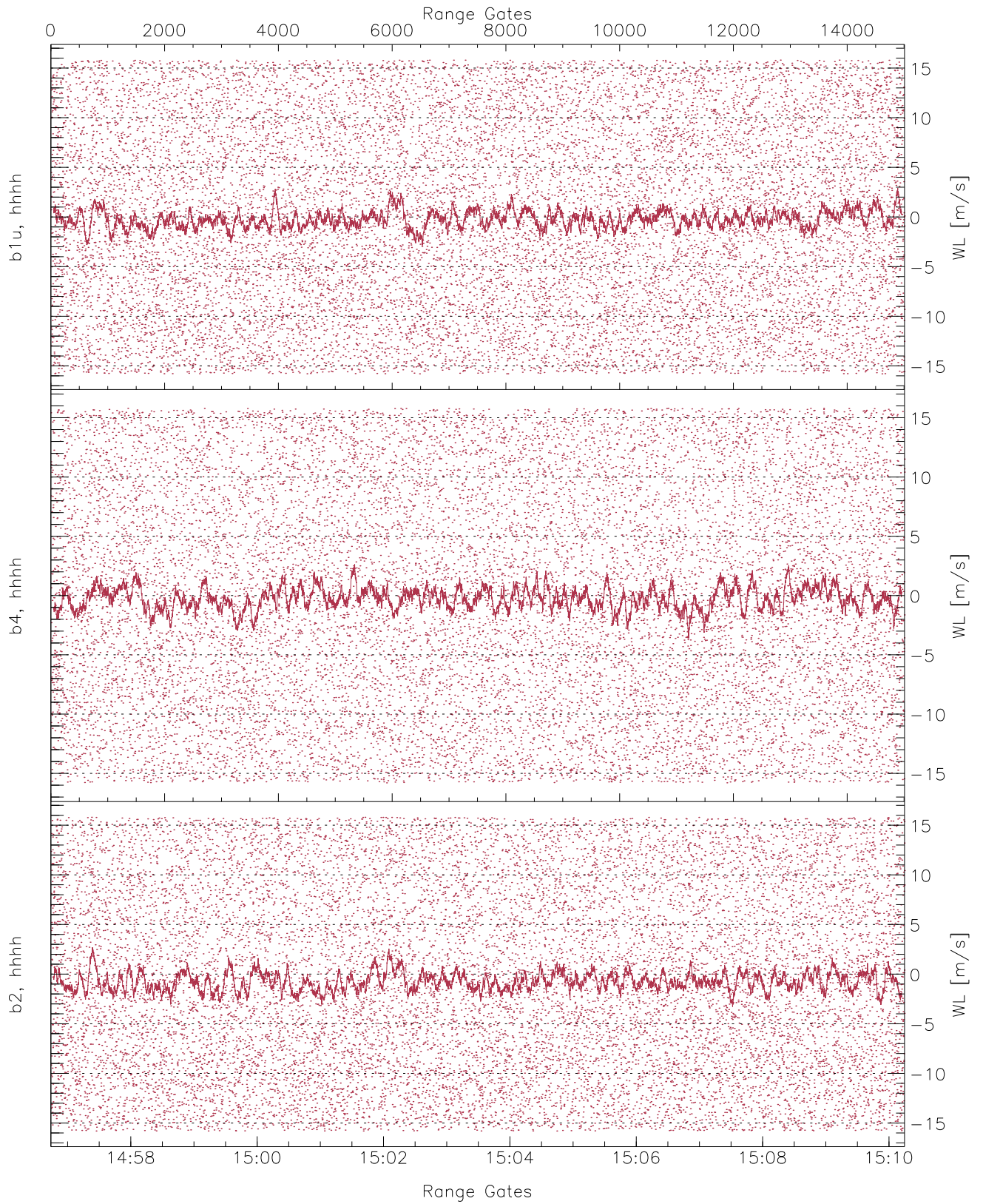
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-64.24	-62.38	-63.32	-63.33	-75.95
H2RG106_0 [dBm]	-63.91	-62.04	-62.86	-62.86	-75.59
V2RM_0 [dBm]	-64.26	-62.45	-63.28	-63.29	-75.94



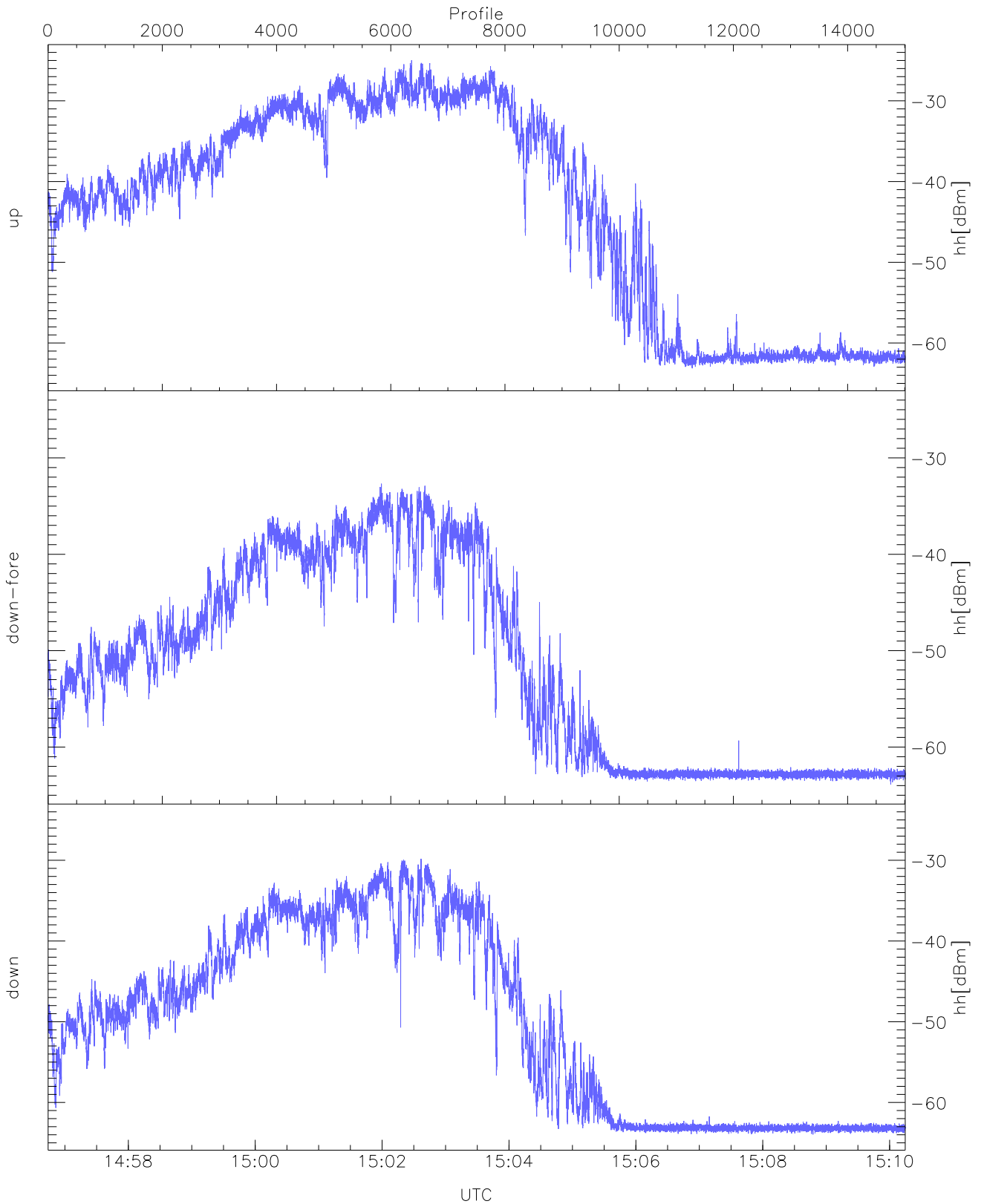
WCR2 CPP Averaged Received power for all recorded gates
blue: 145644-150329, 7506 profiles averaged
red: 150329-151015, 7505 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 145644-150329, 7506 profiles averaged
red: 150329-151015, 7505 profiles averaged

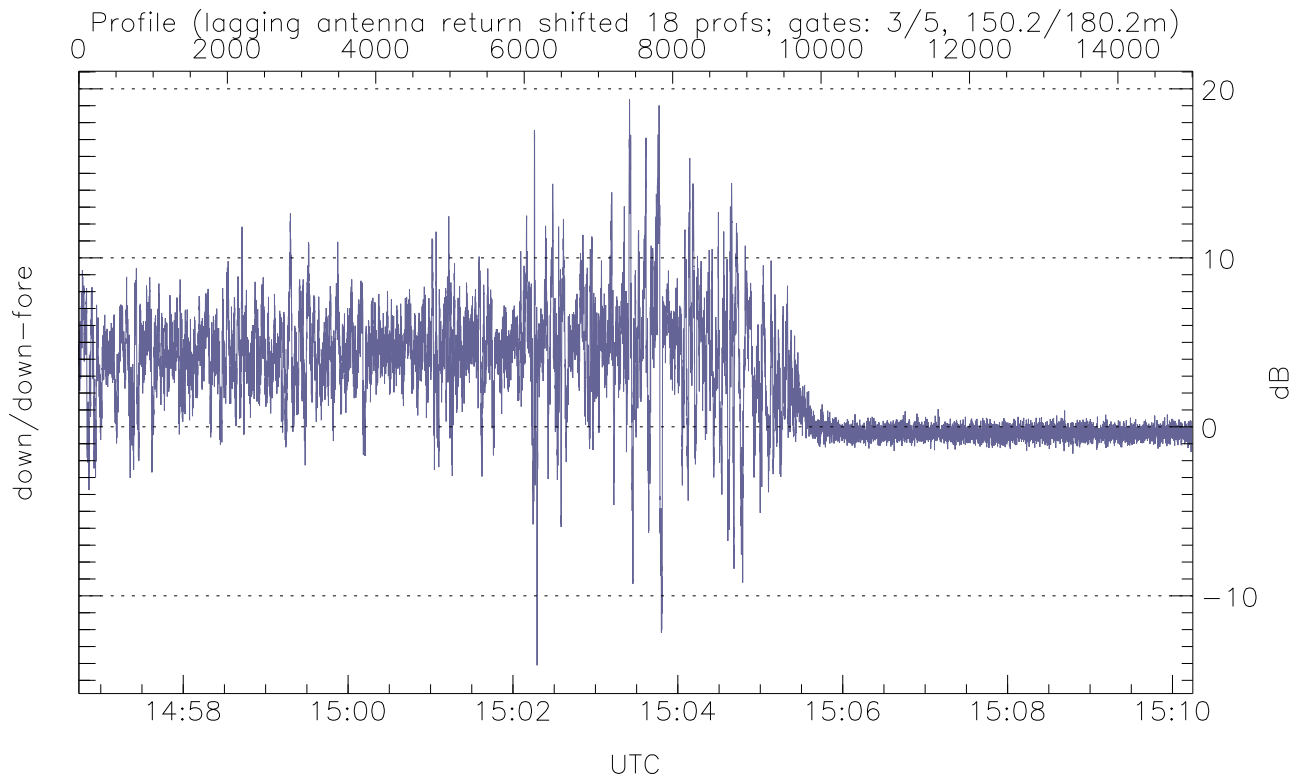
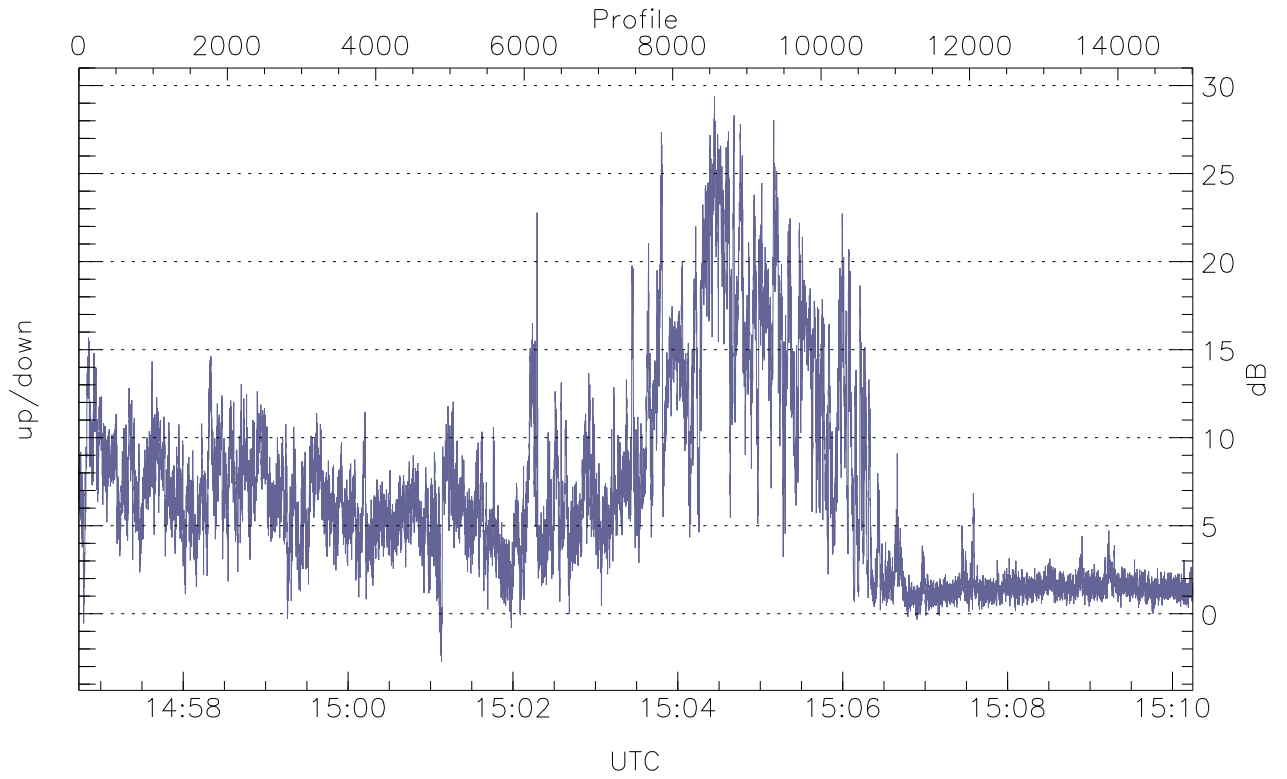


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



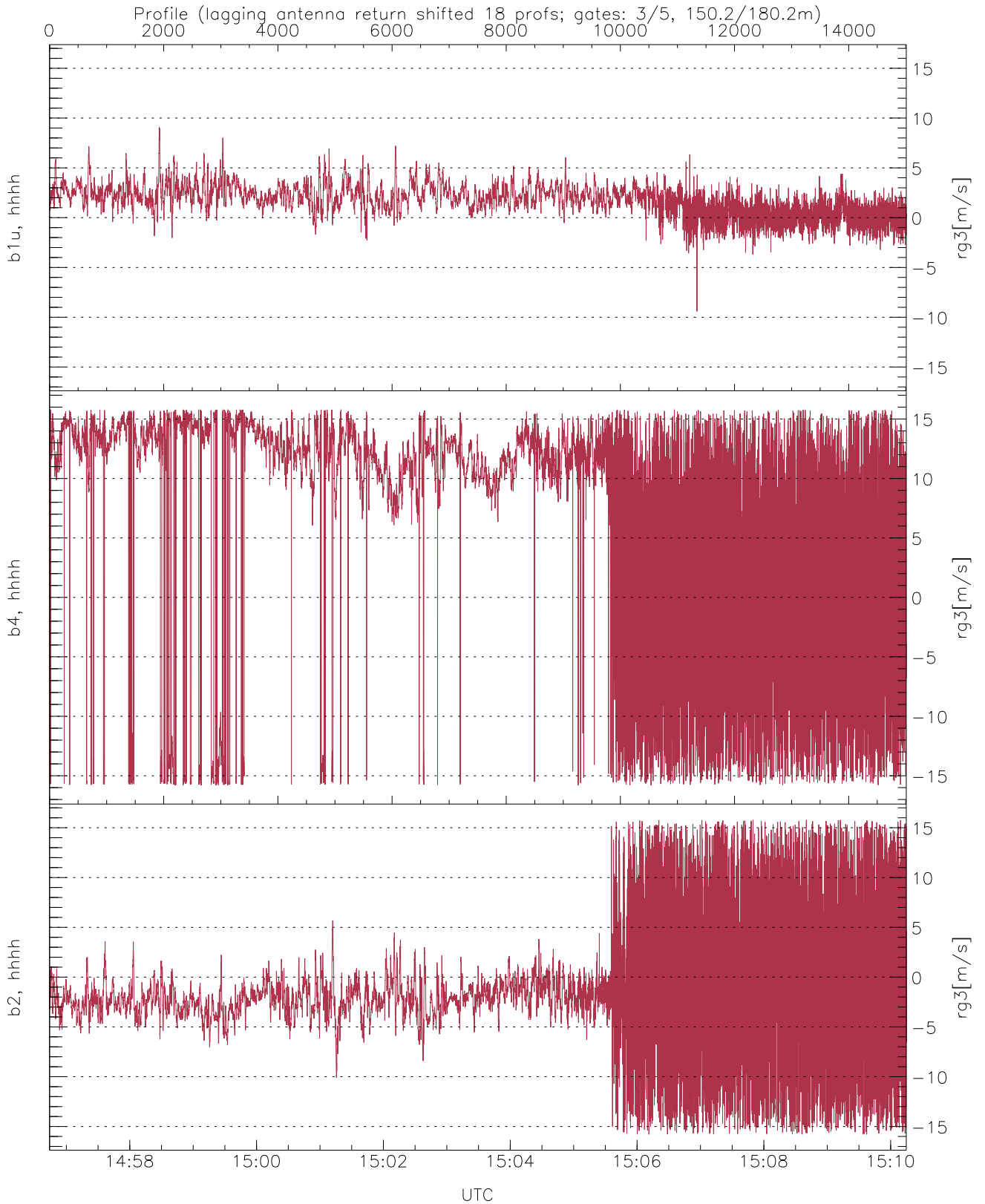
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.14	-24.98	-33.96
down-fore(hh[dBm])	-63.88	-32.68	-42.83
down(hh[dBm])	-63.96	-29.81	-40.25



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

	Min	Max	Mean
up/down (dB)	-2.74	29.39	6.77
down/down-fore (dB)	-14.11	19.37	2.74



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-9.41	9.10	1.79	1.52
b4, hhhh(rg3[m/s])	-15.80	15.80	6.82	9.47
b2, hhhh(rg3[m/s])	-15.80	15.78	-1.69	5.28