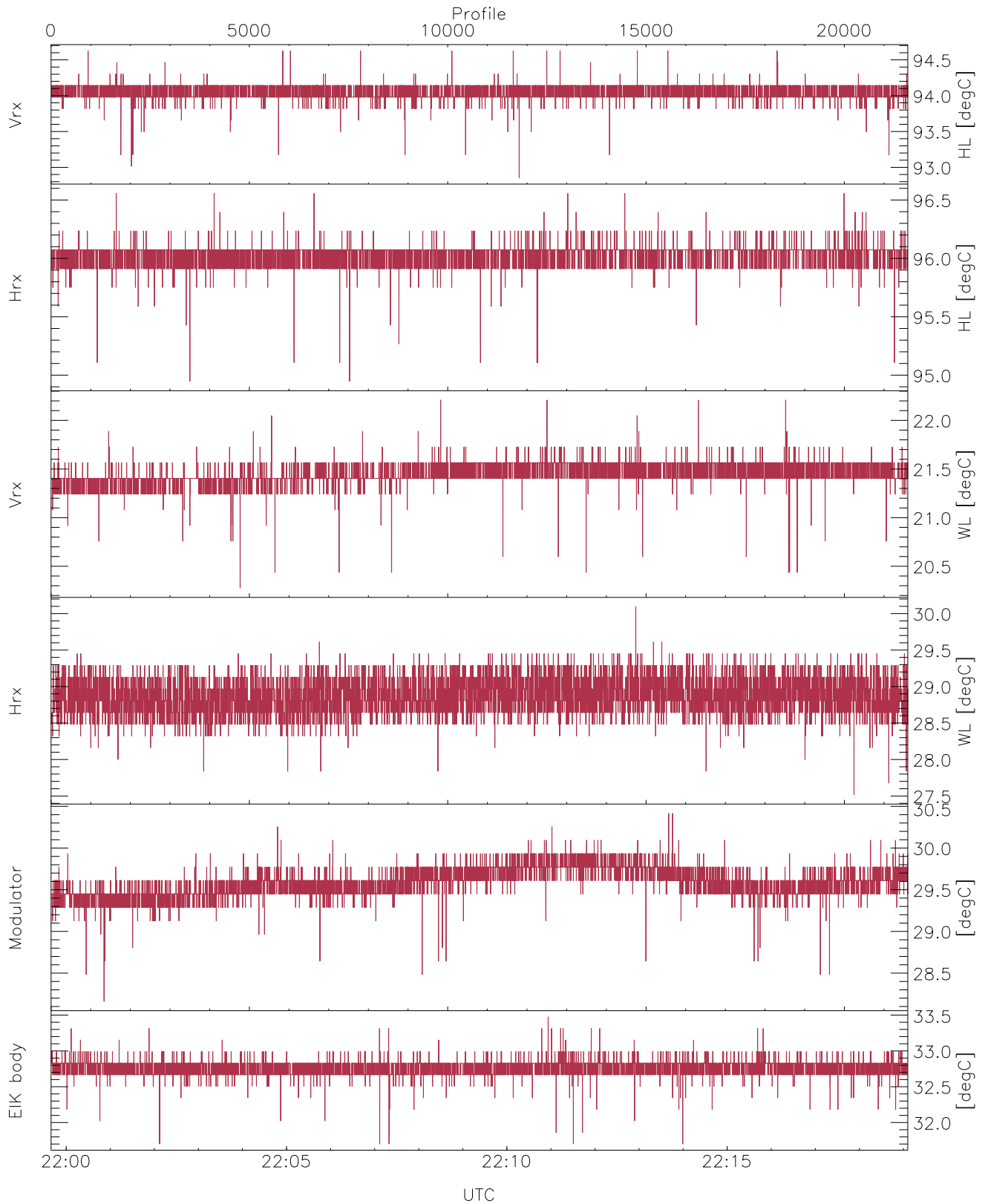


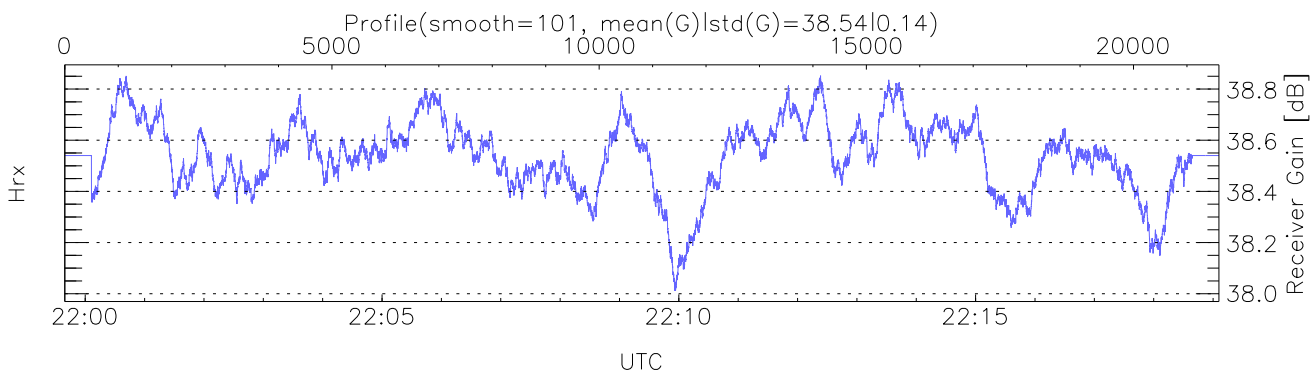
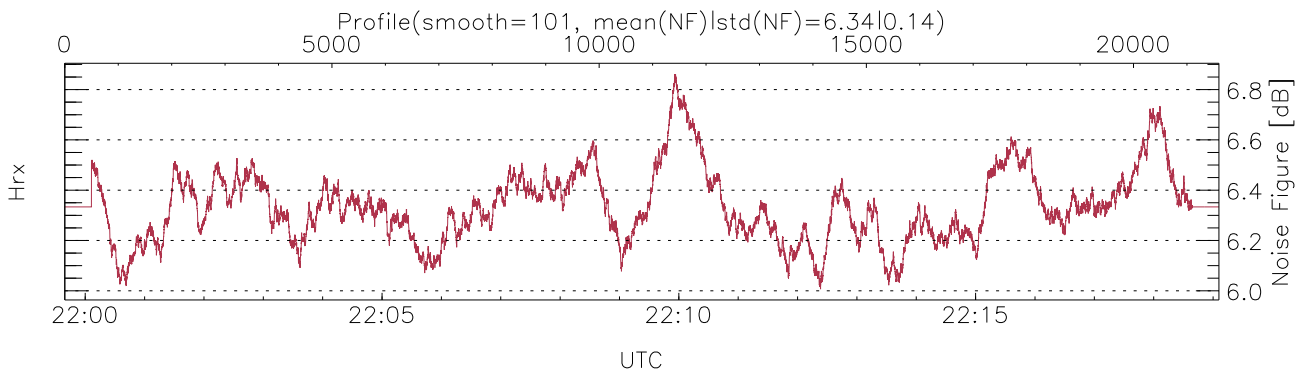
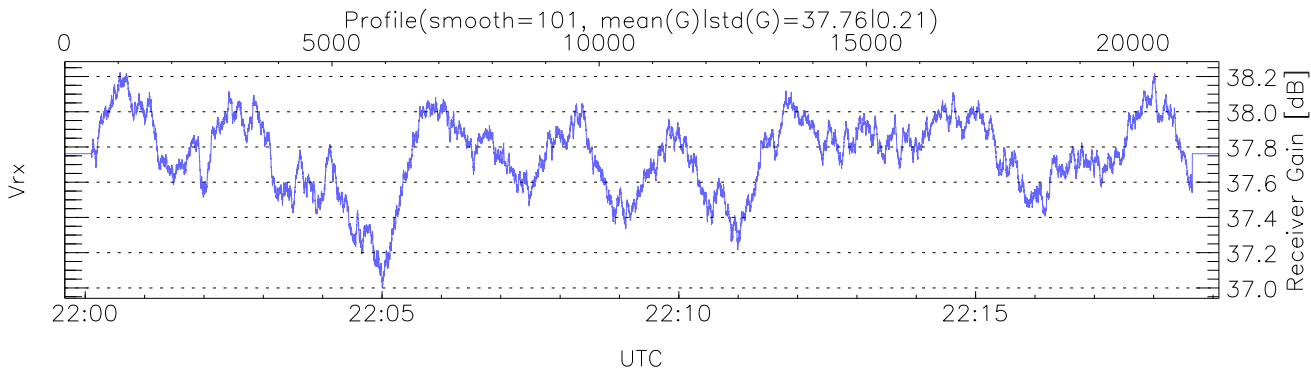
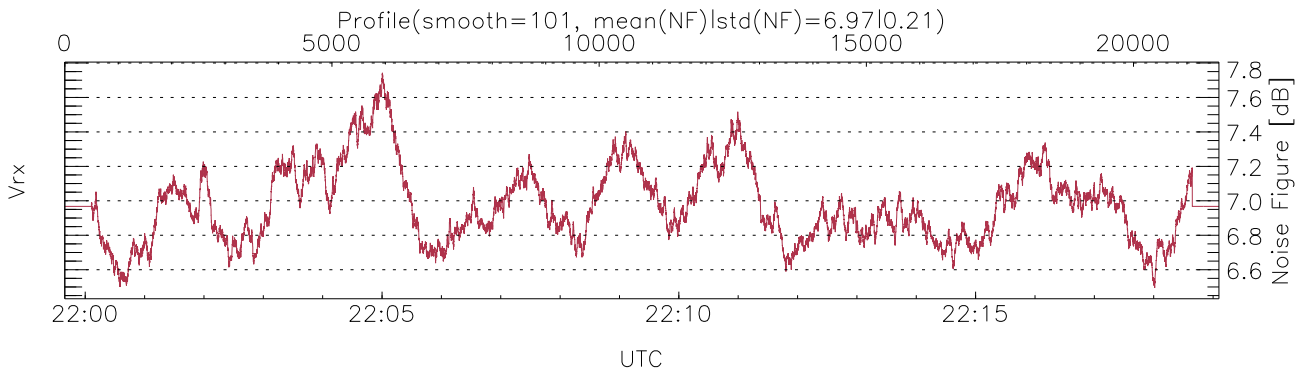
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:59:39-22:34:07, Dur: 2068.12s
 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): 21600/38290, 0-21599/21:59:39-22:19:06
 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



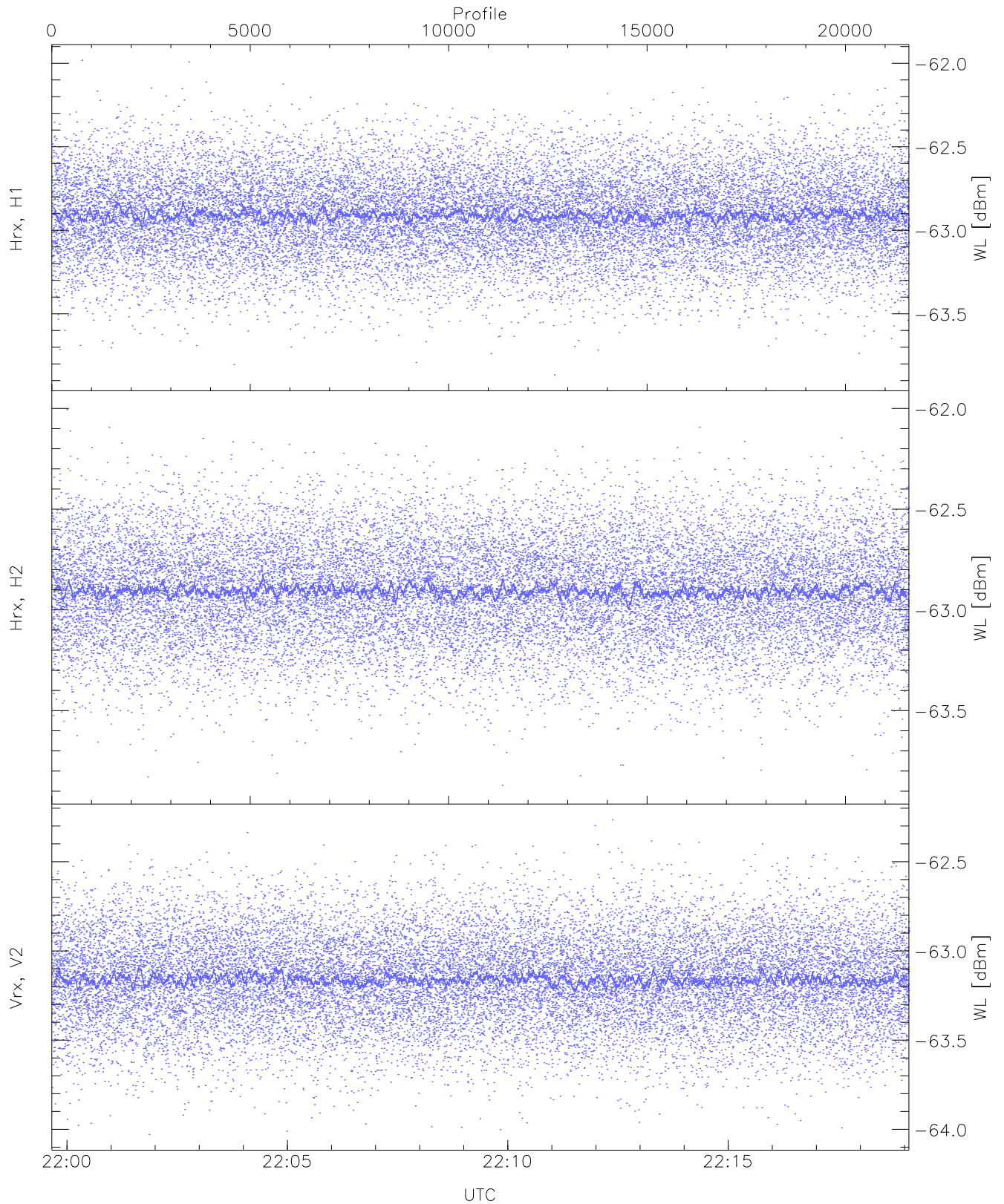
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,20,27,28,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,30,30,33
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT, CollT, BodyCurr, DeckF, OverDuty, HVPS (5,5,10,10,10,15)



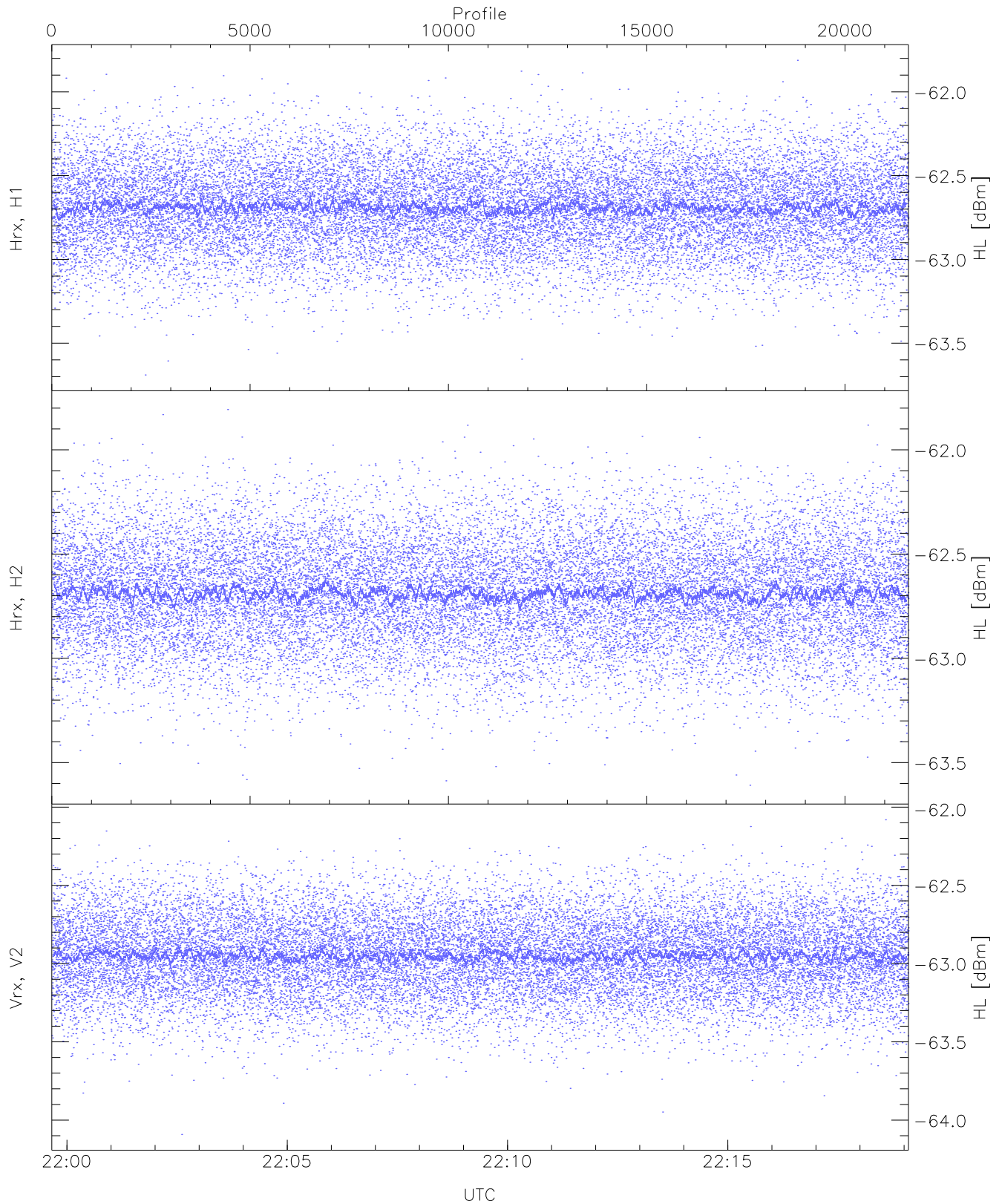
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1419 pixs, 56 gates, 1369 profs, 2 prods



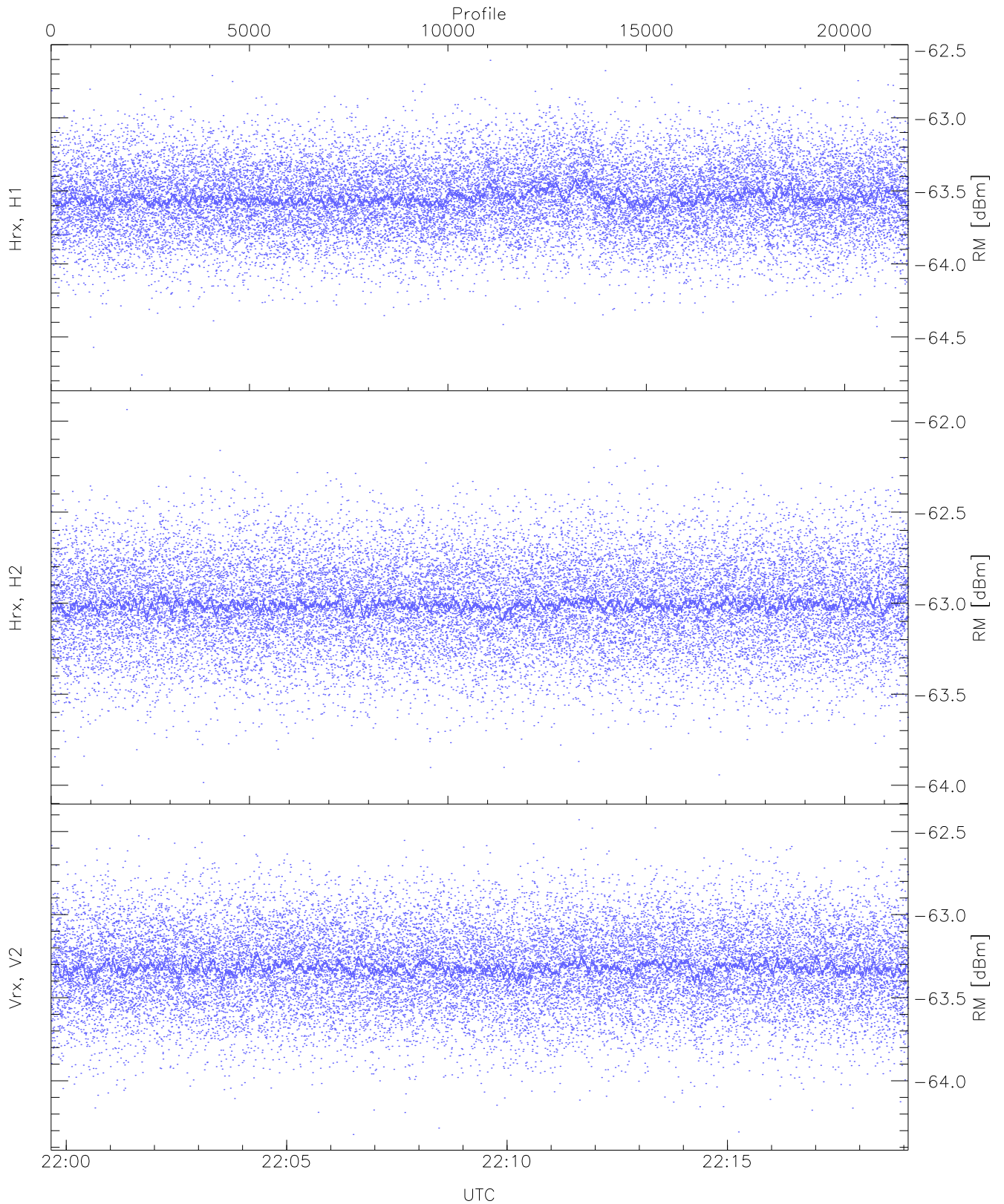
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.87	-61.98	-62.91	-62.91	-75.63
Hrx, H2(WL [dBm])	-63.87	-62.01	-62.90	-62.91	-75.63
Vrx, V2(WL [dBm])	-64.03	-62.26	-63.16	-63.16	-75.85



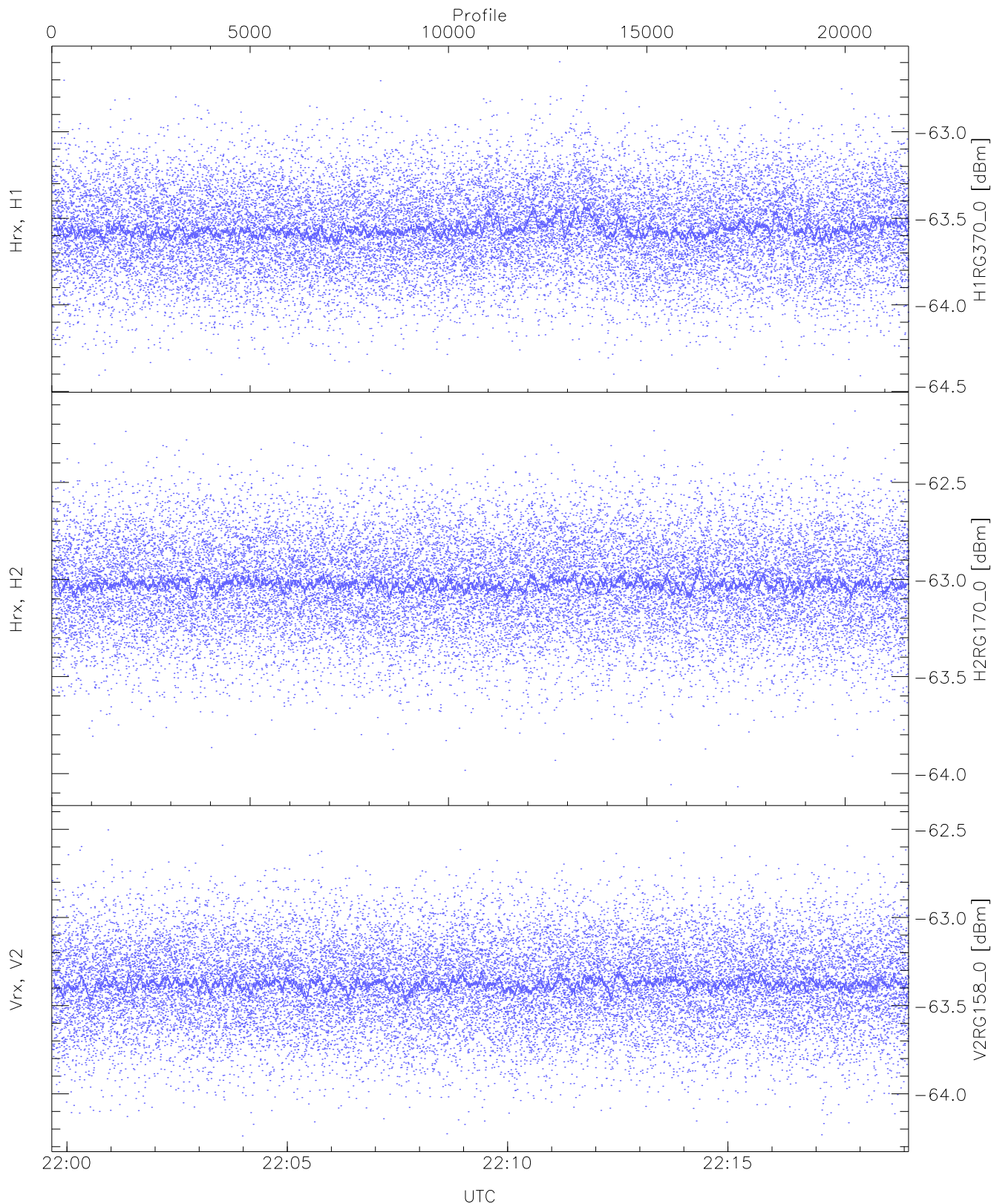
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.69	-61.81	-62.69	-62.69	-75.39
Hrx, H2 (HL [dBm])	-63.61	-61.81	-62.69	-62.69	-75.42
Vrx, V2 (HL [dBm])	-64.09	-62.08	-62.95	-62.95	-75.68



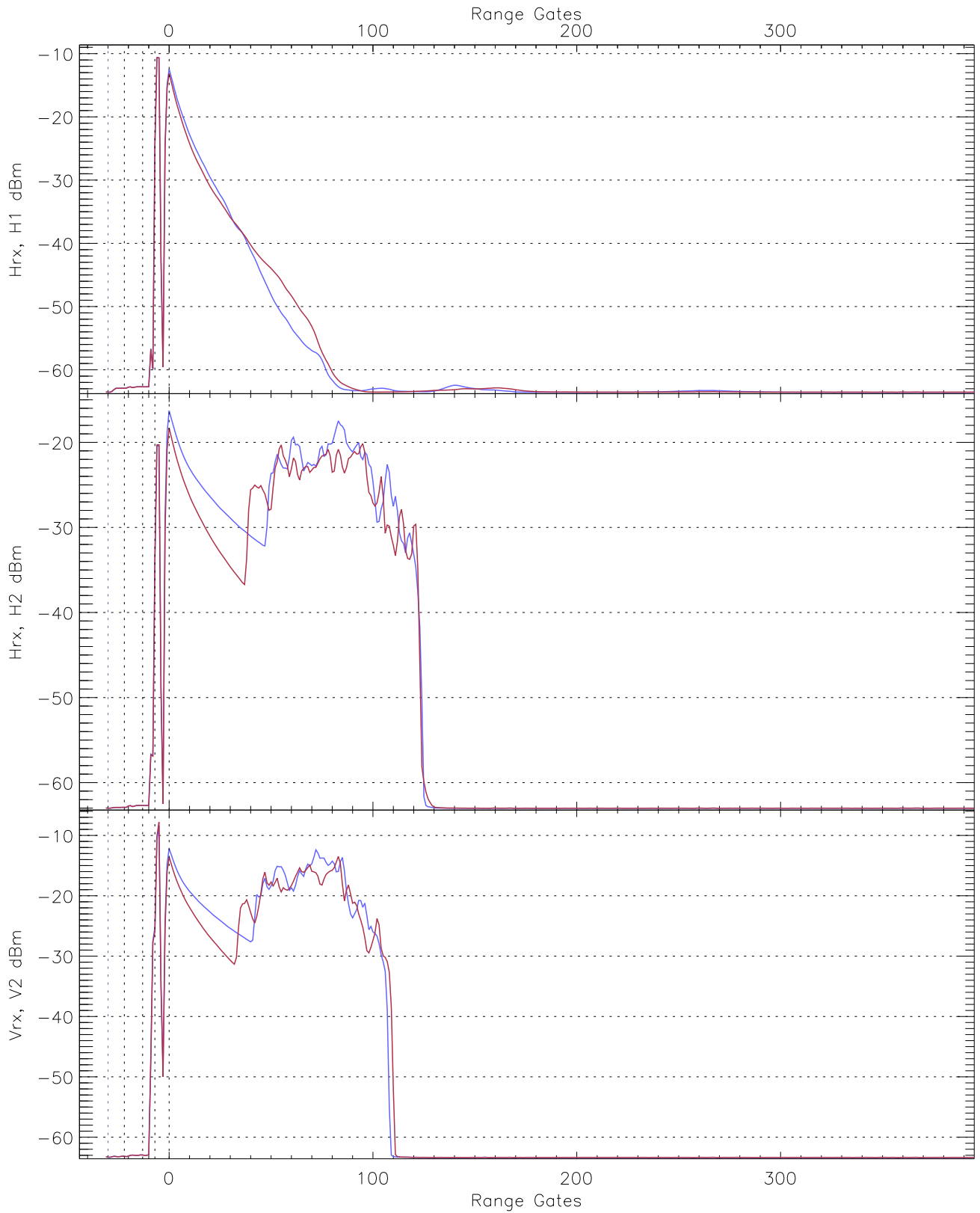
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.76	-62.61	-63.55	-63.55	-76.22
Hrx, H2 (RM [dBm])	-64.00	-61.94	-63.01	-63.01	-75.71
Vrx, V2 (RM [dBm])	-64.32	-62.43	-63.32	-63.32	-76.00

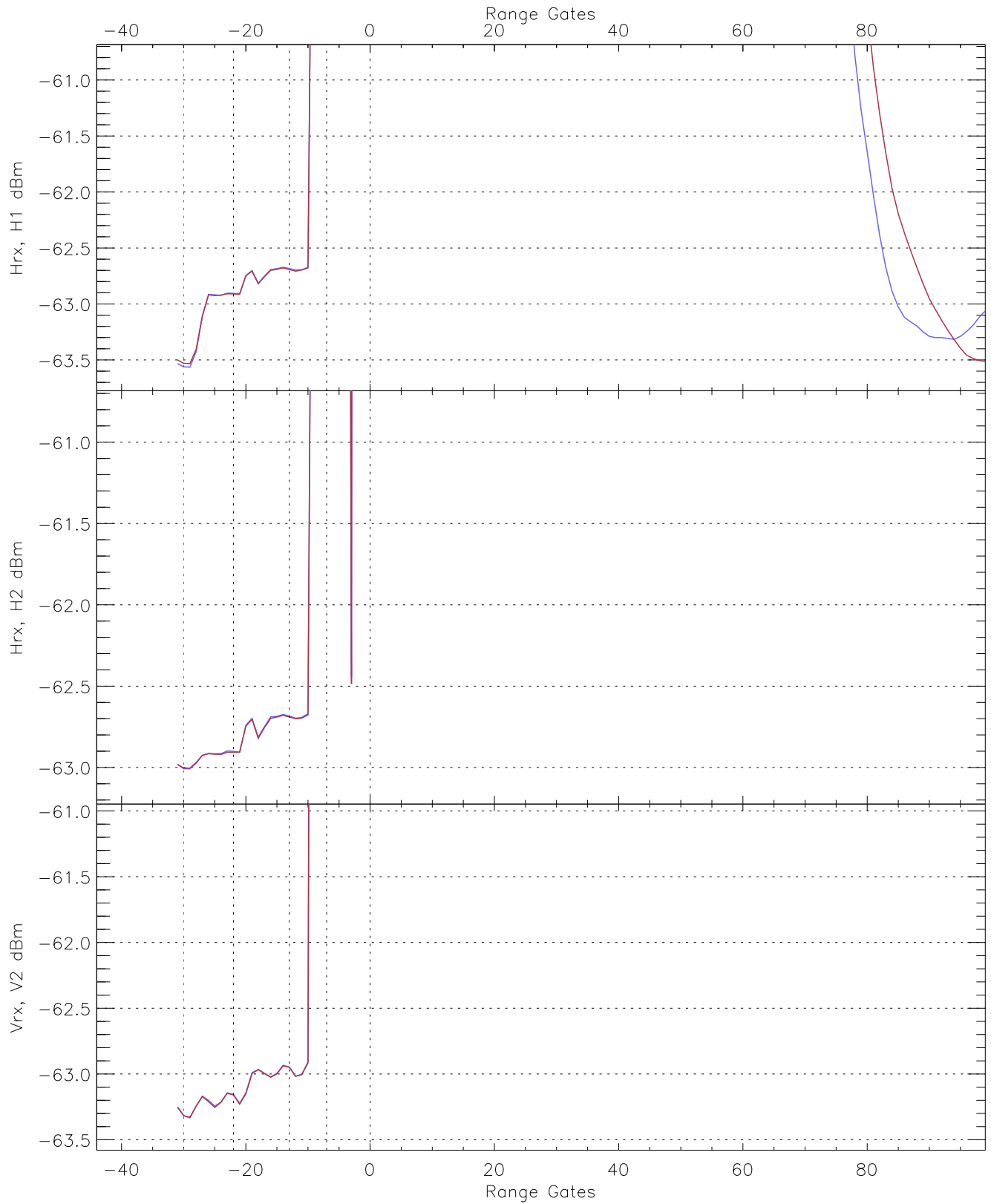


WCR2 CPP "Best" estimate Receivers Noise Power

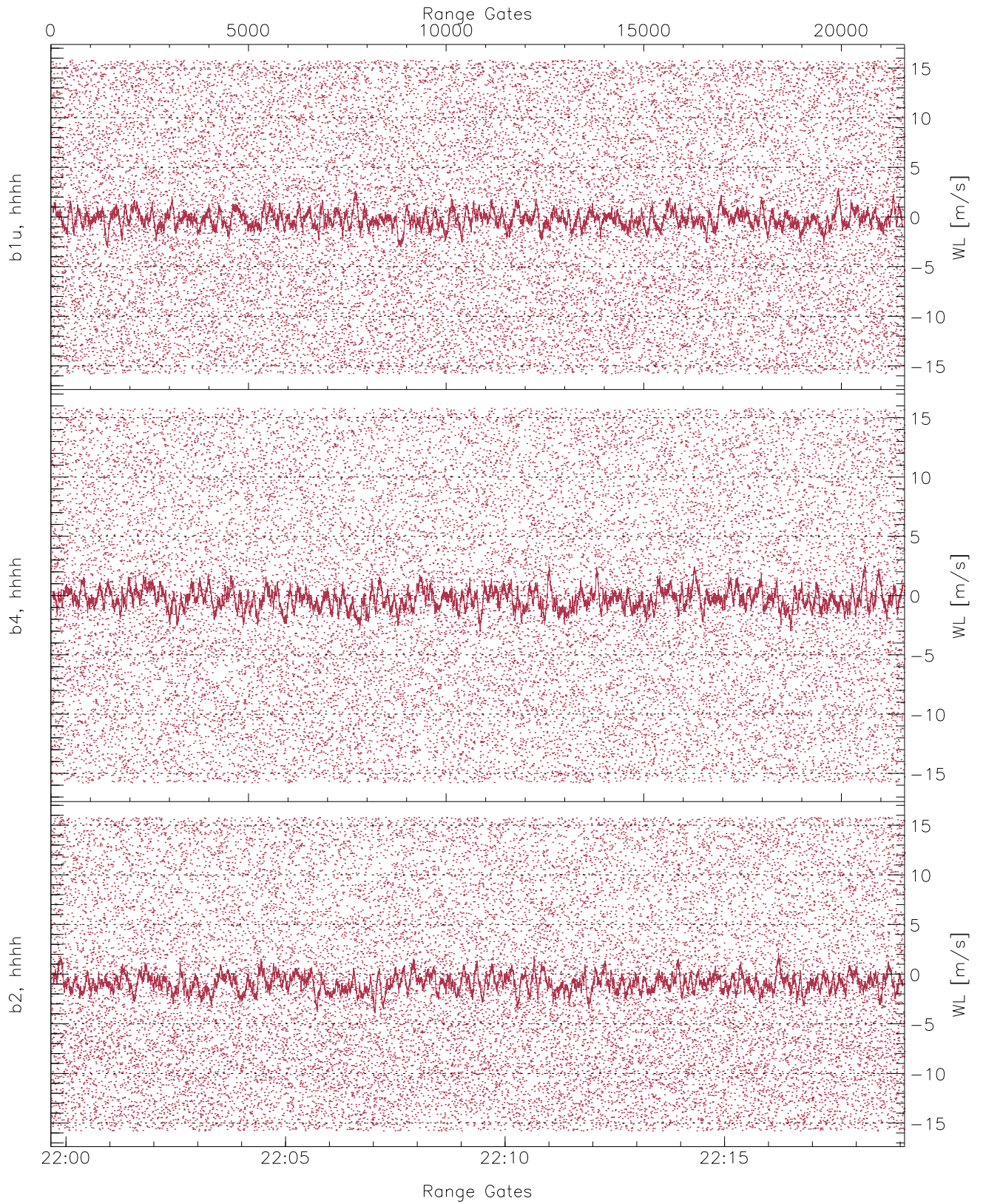
	Min	Max	Mean	Median	StDev
H1RG370_0 [dBm]	-64.41	-62.60	-63.56	-63.56	-76.22
H2RG170_0 [dBm]	-64.07	-62.13	-63.02	-63.02	-75.78
V2RG158_0 [dBm]	-64.24	-62.45	-63.37	-63.38	-76.08



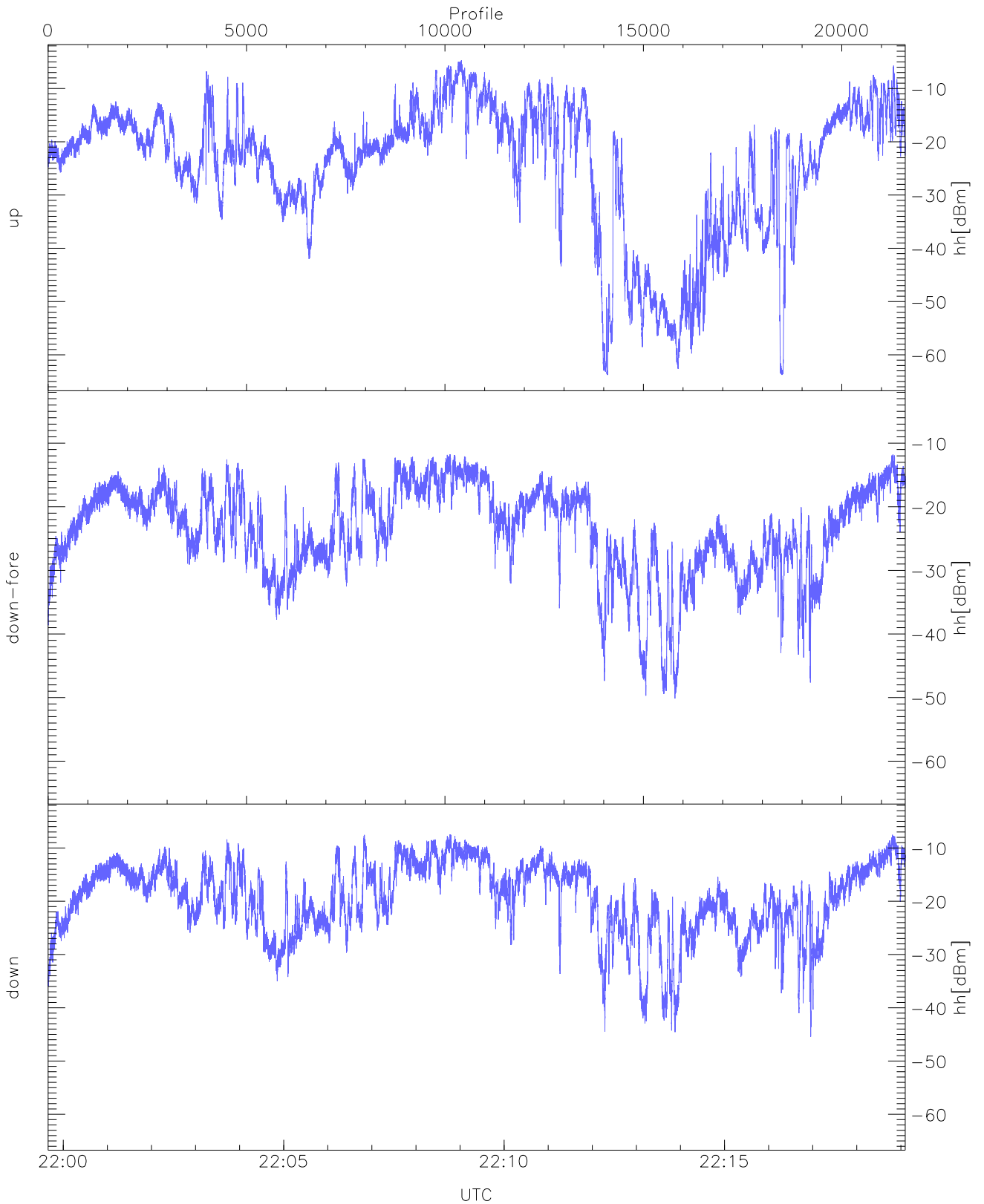
WCR2 CPP Averaged Received power for all recorded gates
blue: 215939-220923, 10801 profiles averaged
red: 220923-221906, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 215939-220923, 10801 profiles averaged
red: 220923-221906, 10800 profiles averaged

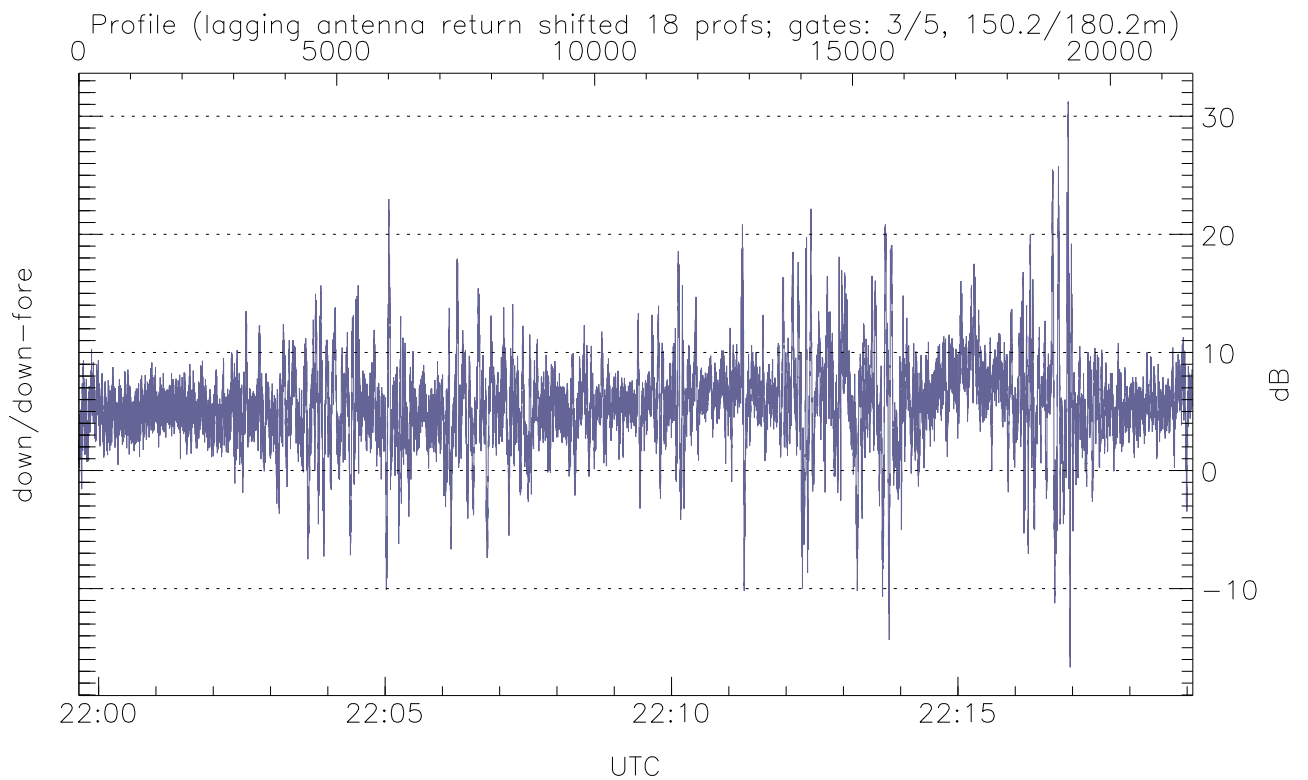
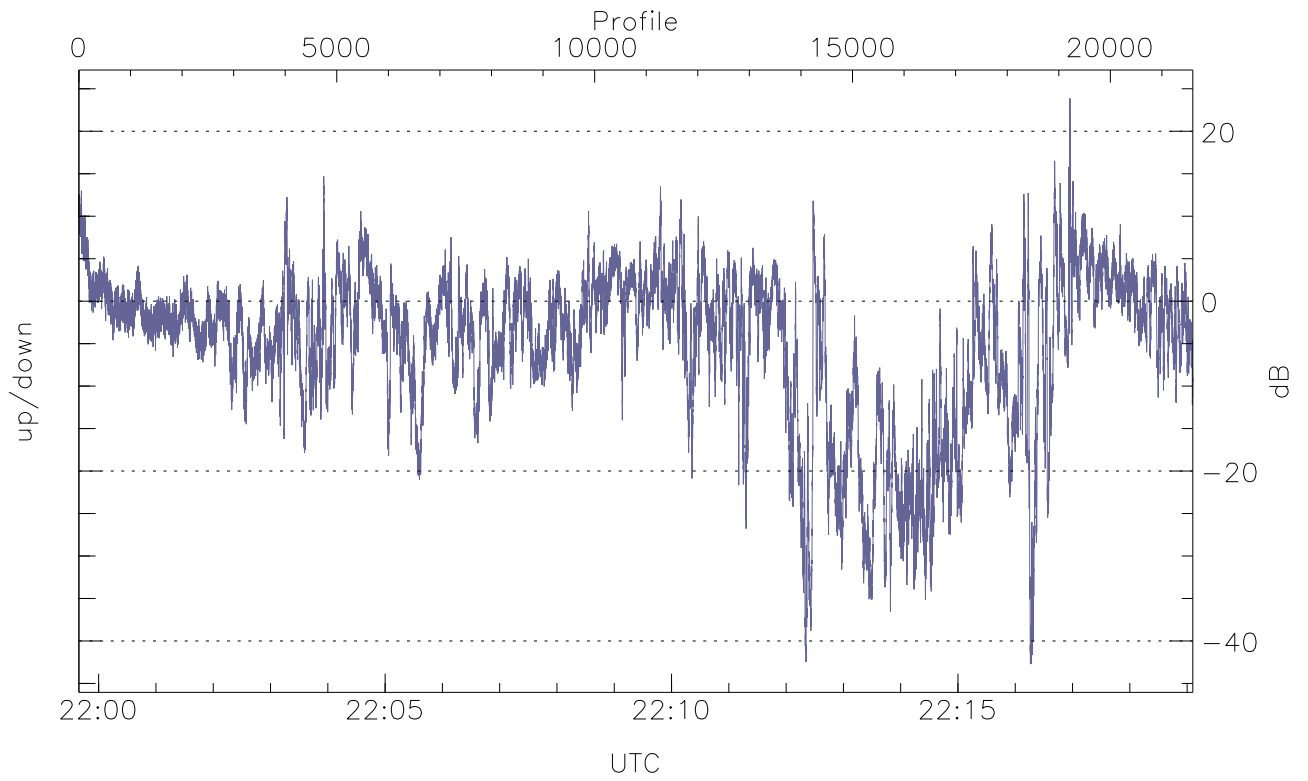


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



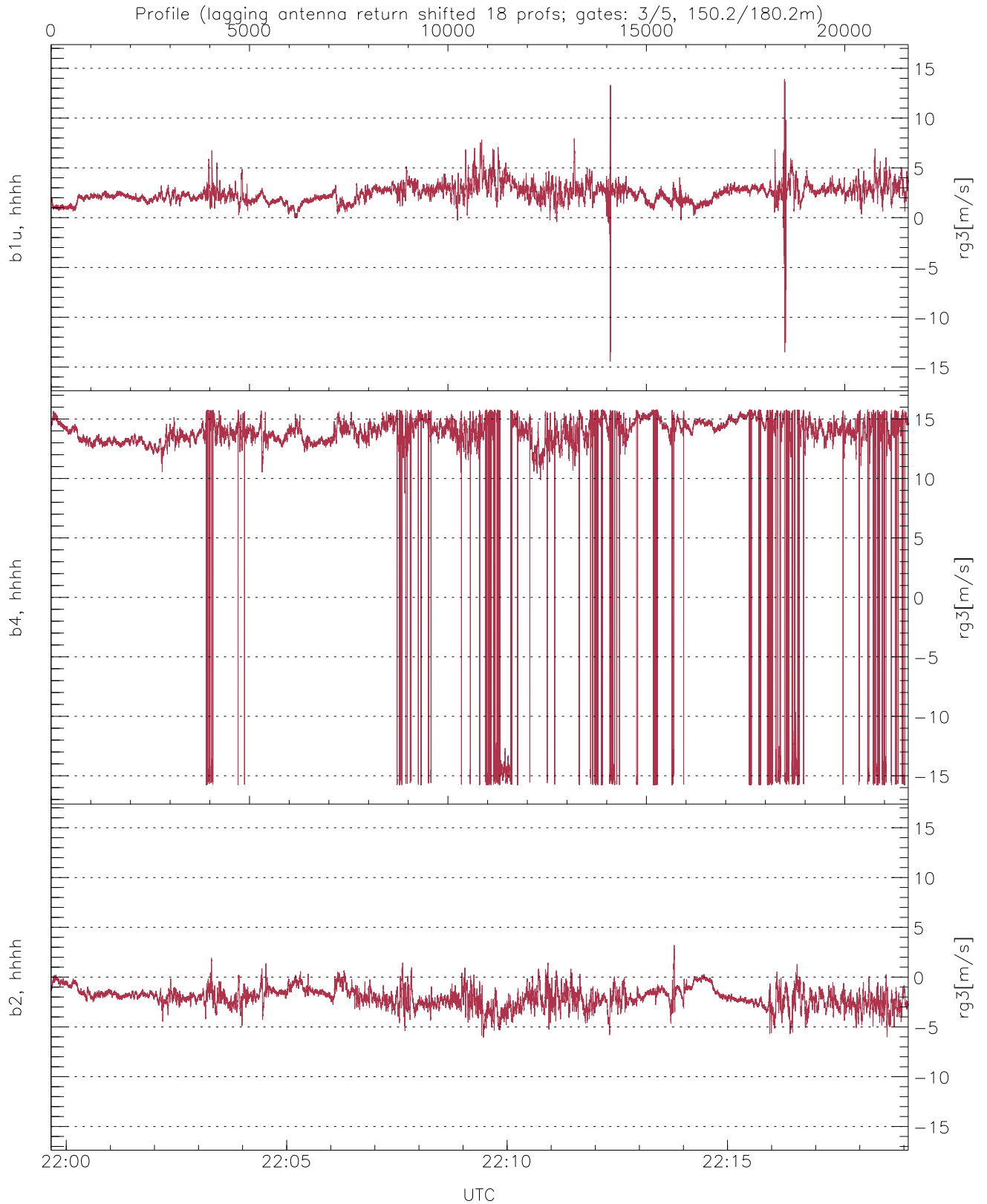
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.79	-4.71	-16.55
down-fore(hh[dBm])	-50.15	-11.76	-19.88
down(hh[dBm])	-45.43	-7.44	-15.86



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

	Min	Max	Mean
up/down (dB)	-42.72	23.88	-5.11
down/down-fore (dB)	-16.66	31.24	5.62



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-14.45	13.91	2.43	1.01
b4, hhhh(rg3[m/s])	-15.80	15.80	11.79	7.75
b2, hhhh(rg3[m/s])	-6.06	3.21	-2.02	1.01