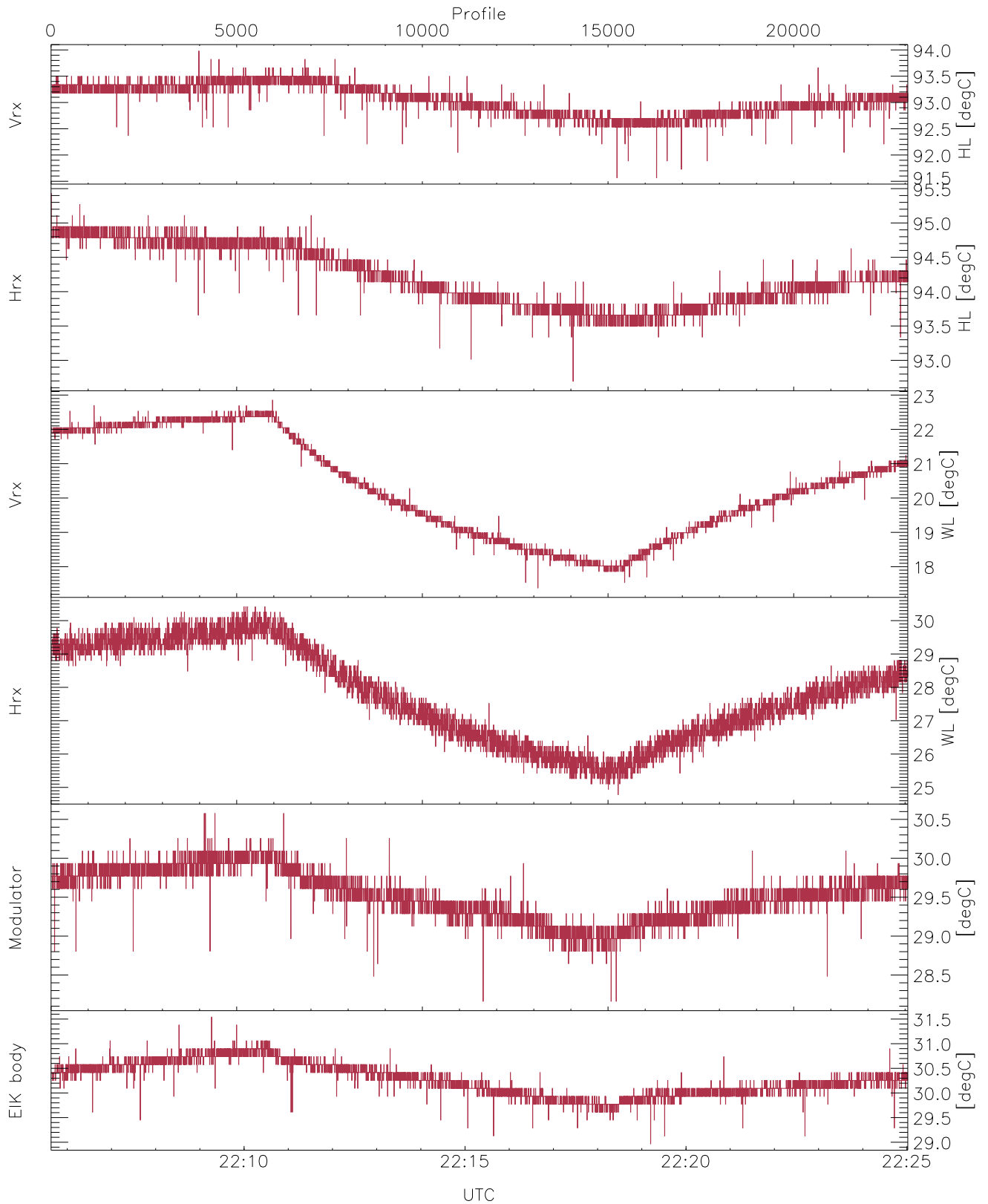


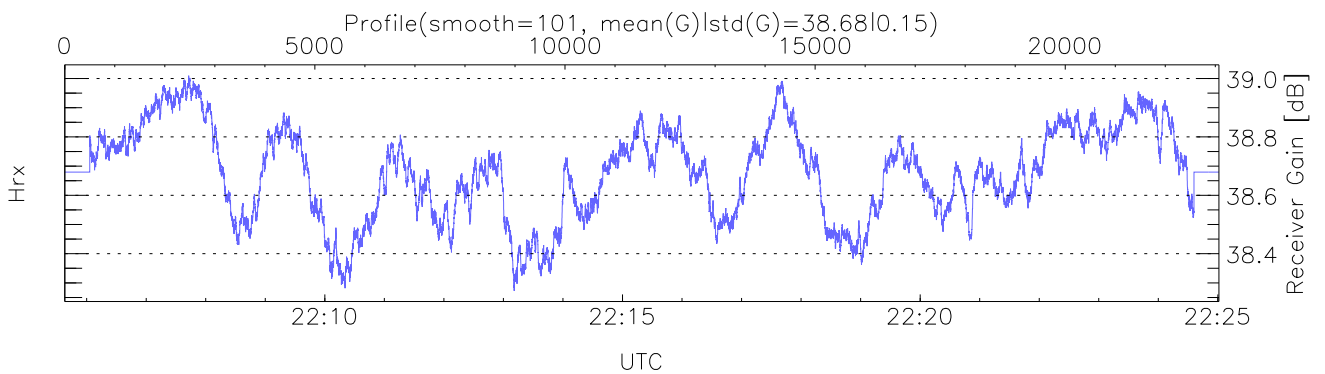
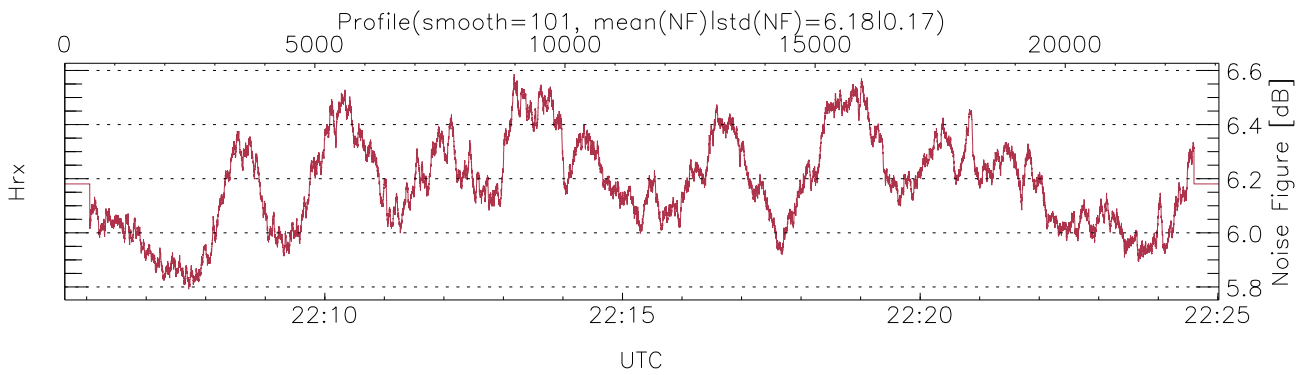
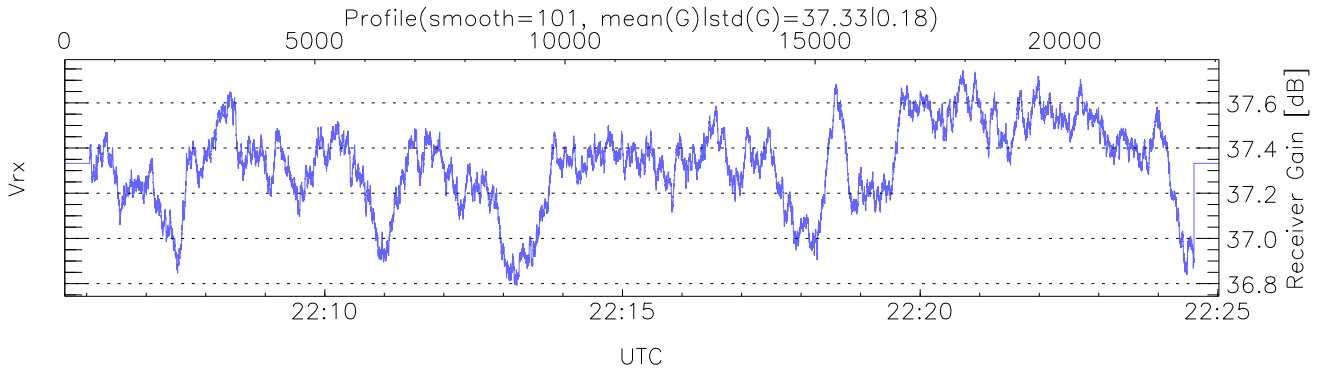
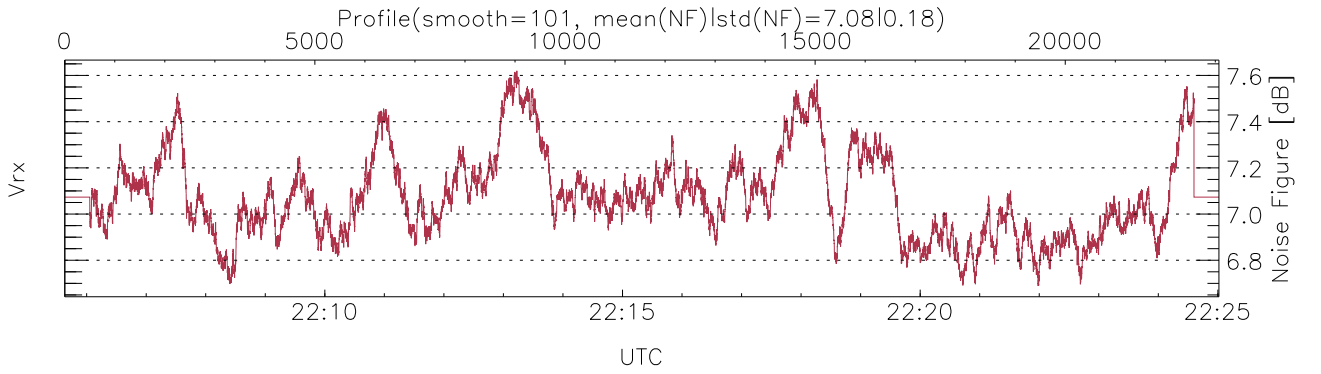
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:05:38-22:25:01, Dur: 1163.17s
 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): 23074/23074, 0-23073/22:05:38-22:25:01
 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,rqs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



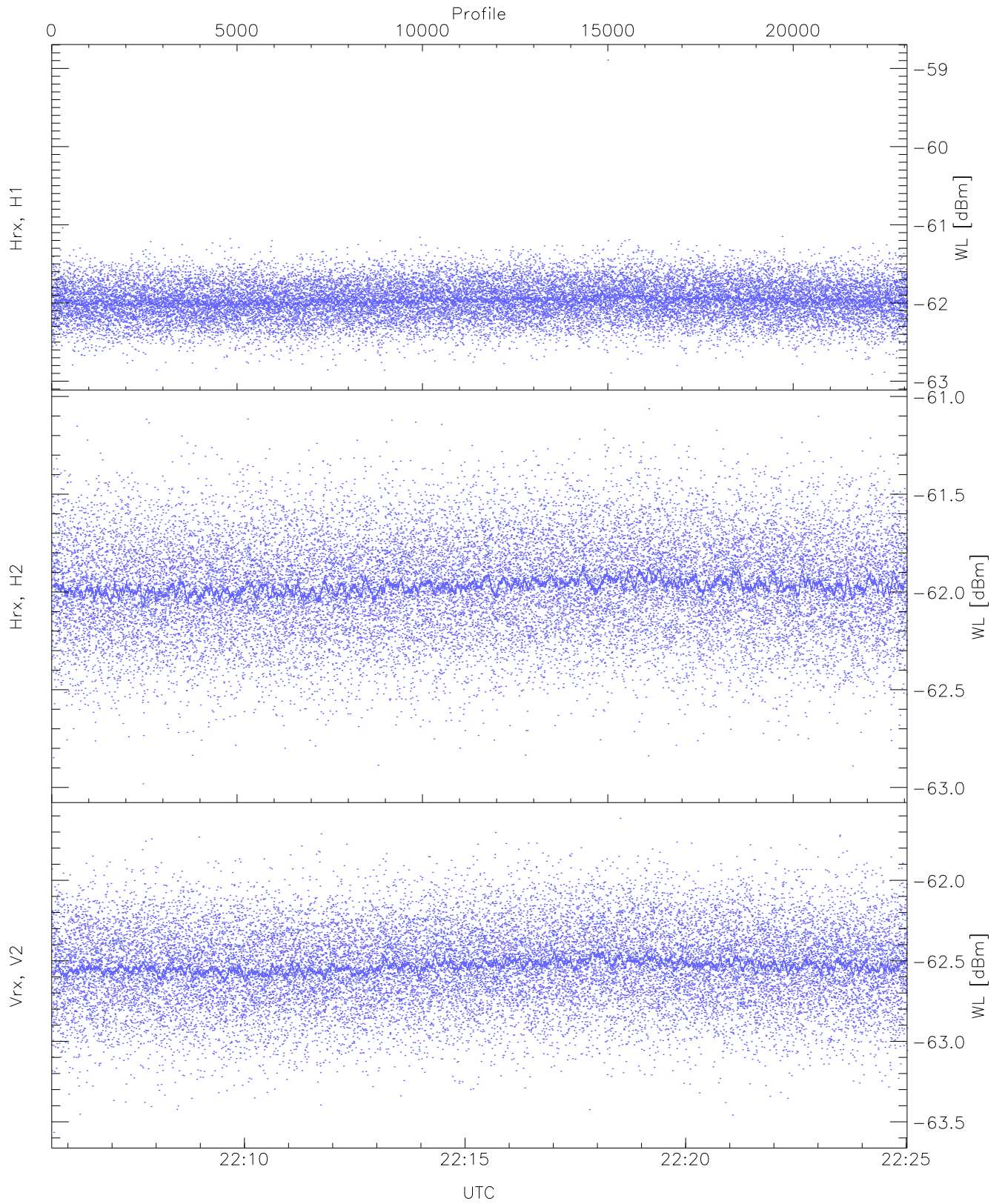
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,24,28,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,30,31
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (15,15,15,15,15,20)



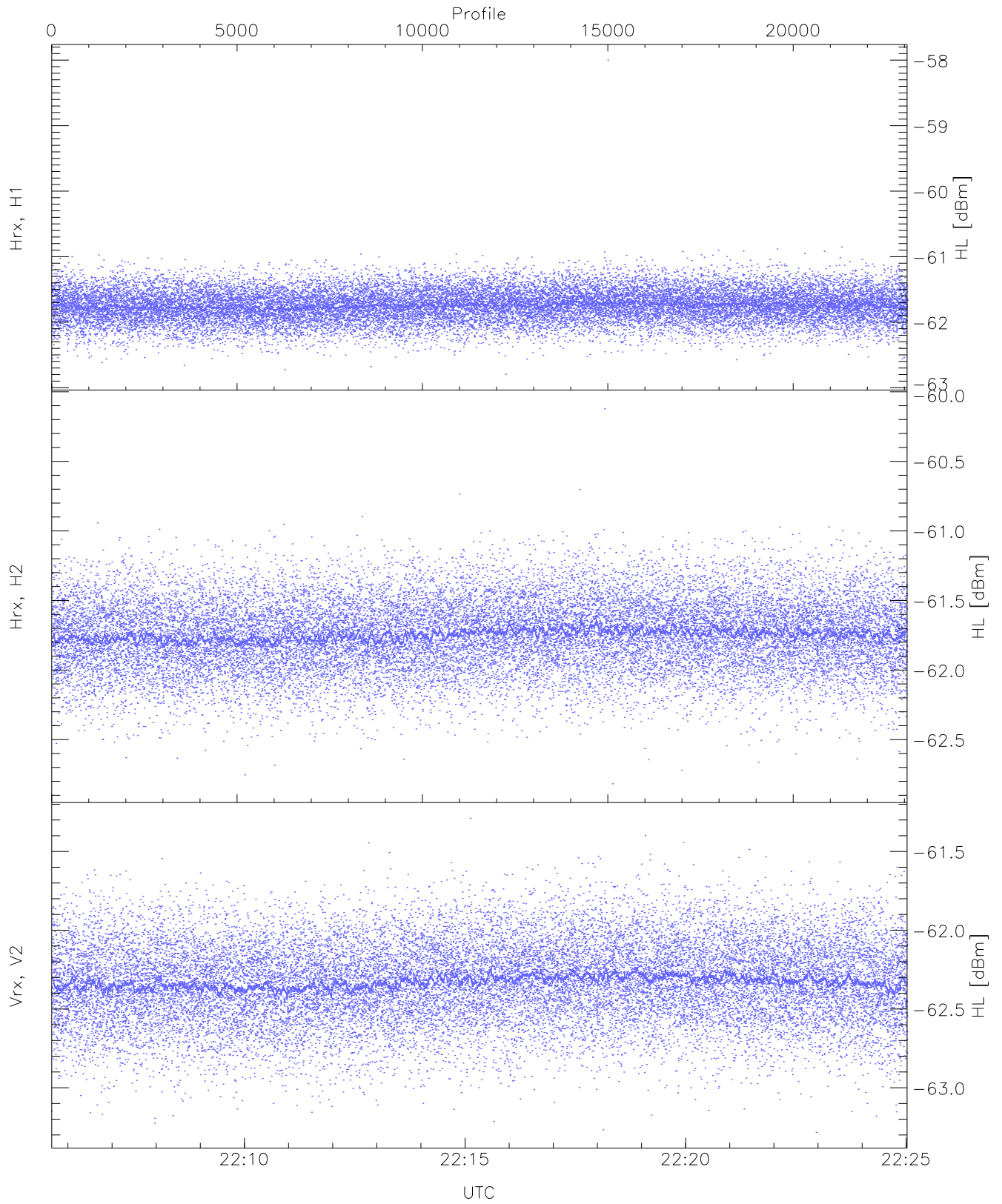
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 9364 pixs, 37 gates, 8914 profs, 2 prods



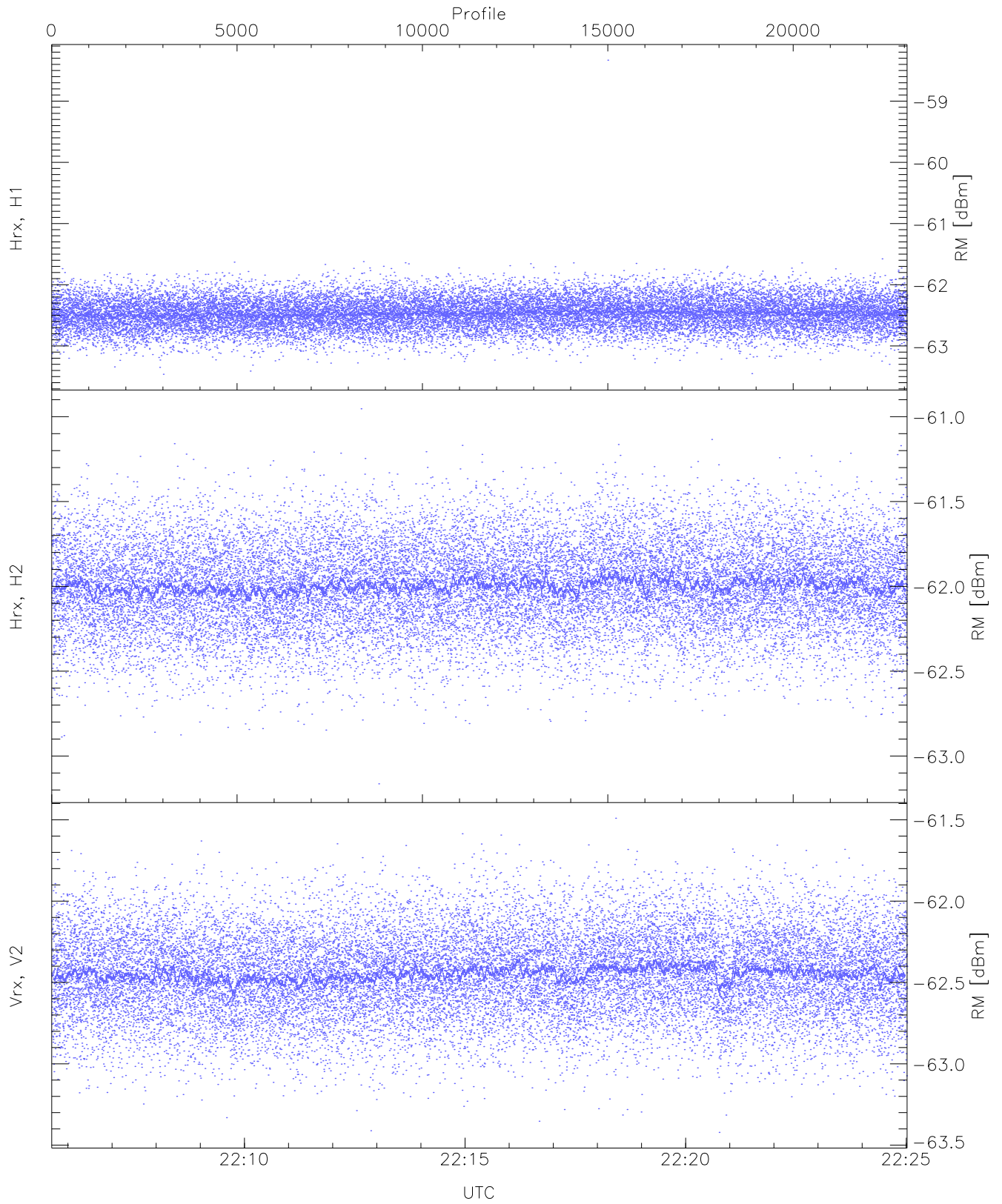
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.91	-58.89	-61.97	-61.97	-74.52
Hrx, H2 (WL [dBm])	-62.98	-61.06	-61.97	-61.97	-74.52
Vrx, V2 (WL [dBm])	-63.57	-61.61	-62.53	-62.53	-75.08



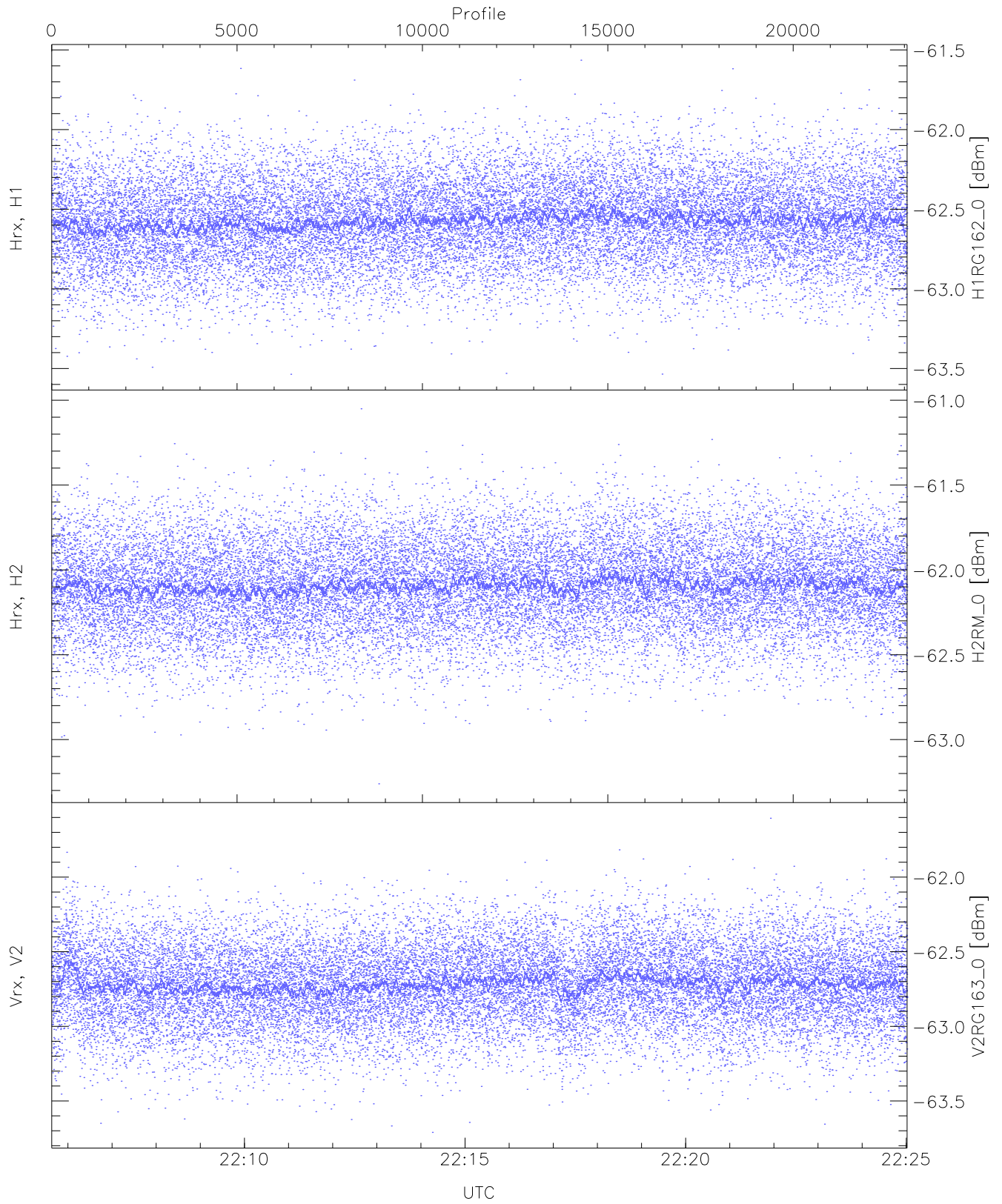
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.80	-58.00	-61.74	-61.75	-74.24
Hrx, H2 (HL [dBm])	-62.82	-60.12	-61.74	-61.75	-74.25
Vrx, V2 (HL [dBm])	-63.28	-61.29	-62.32	-62.33	-74.85



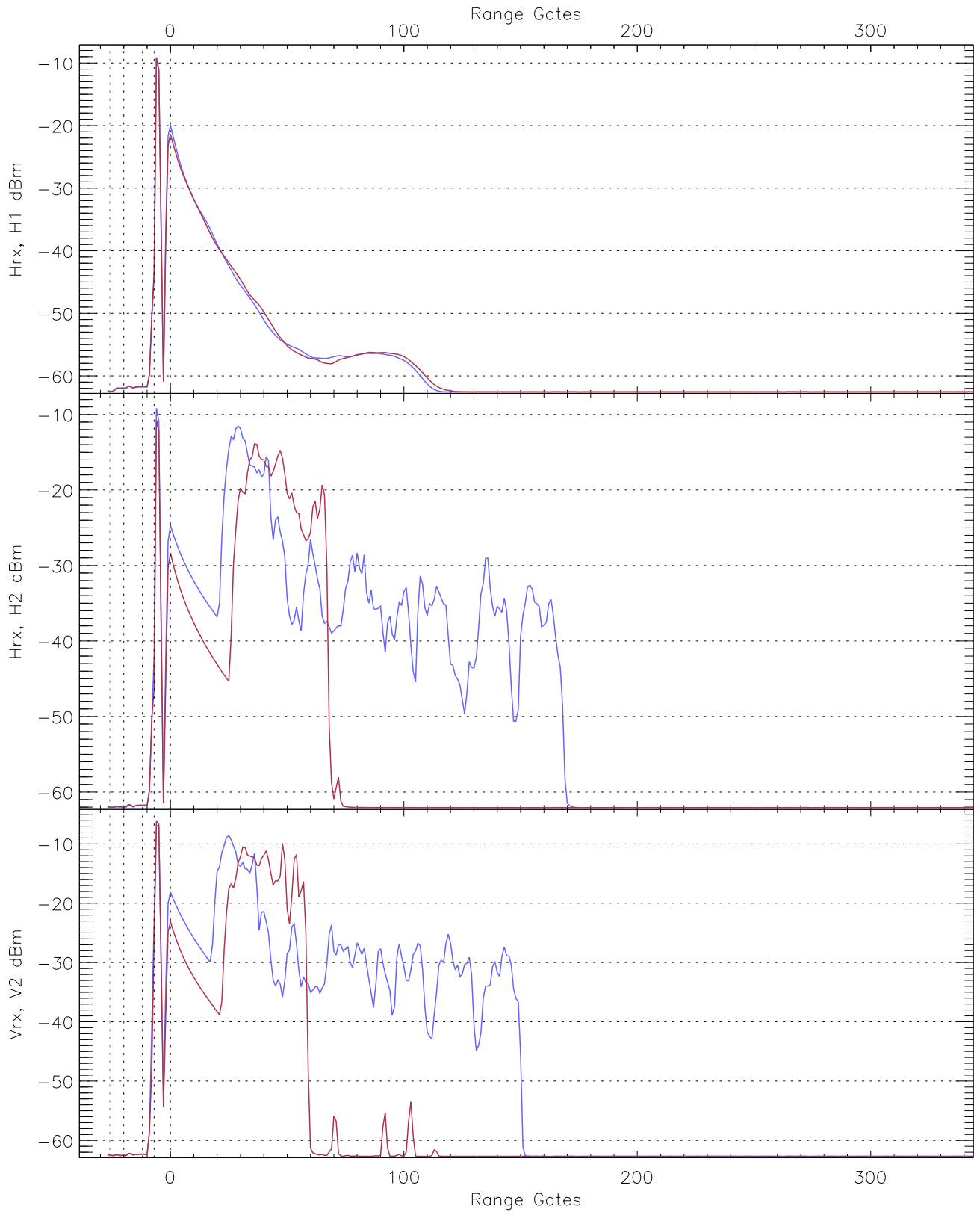
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.46	-58.33	-62.46	-62.47	-74.95
Hrx, H2 (RM [dBm])	-63.16	-60.95	-61.99	-62.00	-74.55
Vrx, V2 (RM [dBm])	-63.42	-61.49	-62.44	-62.45	-74.96

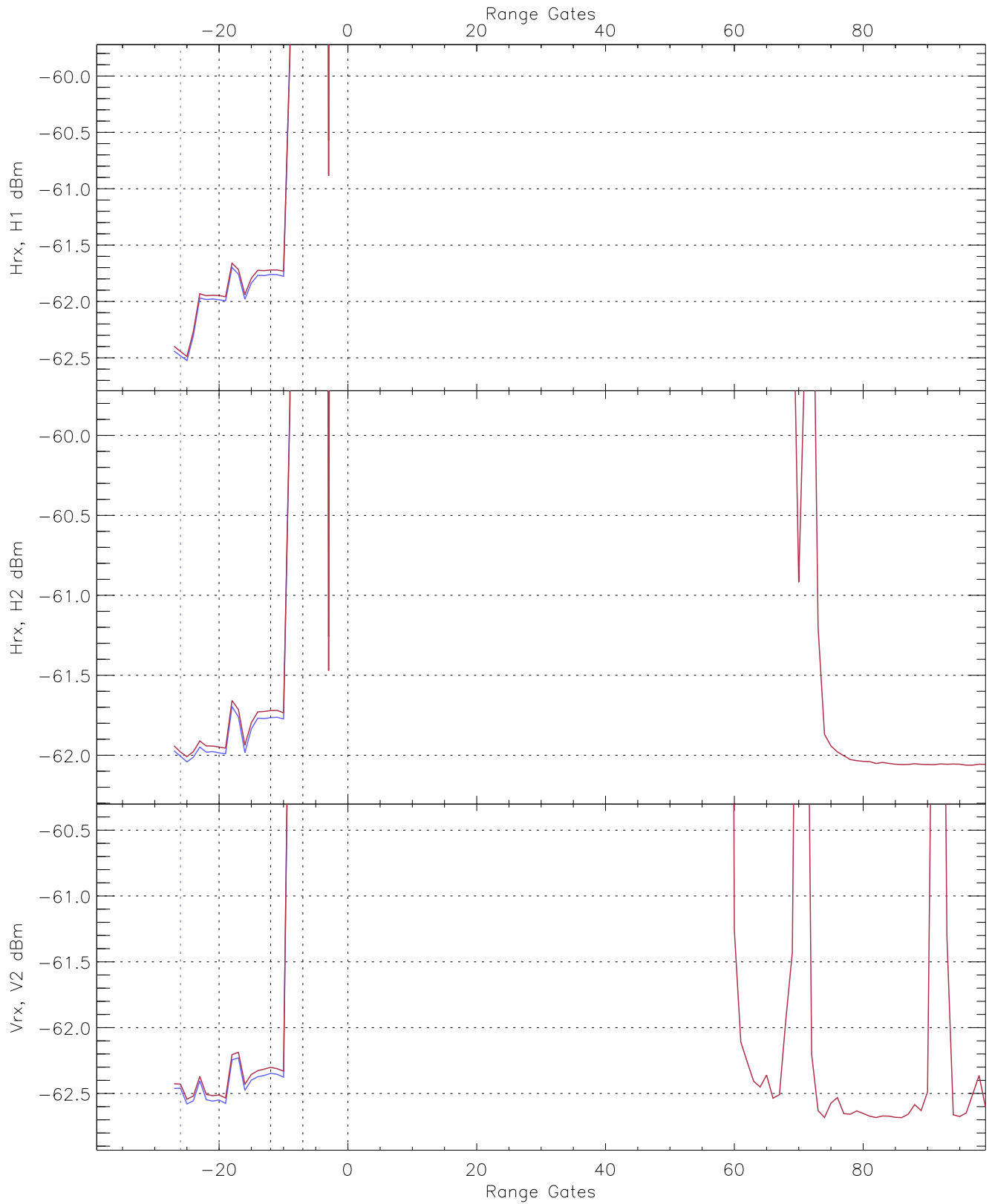


WCR2 CPP "Best" estimate Receivers Noise Power

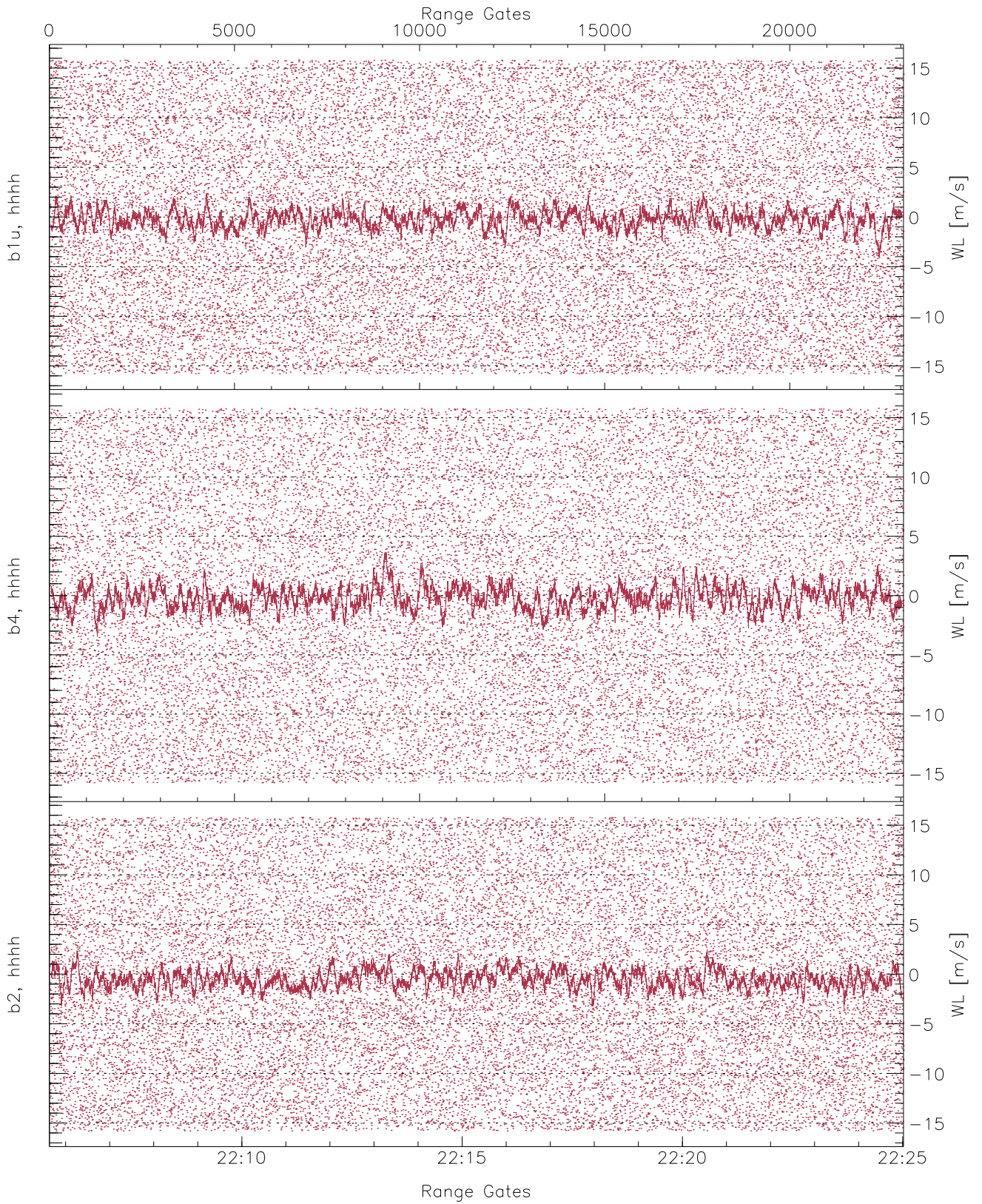
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.54	-61.56	-62.57	-62.57	-75.09
H2RM_0 [dBm]	-63.26	-61.05	-62.09	-62.09	-74.65
V2RG163_0 [dBm]	-63.71	-61.61	-62.72	-62.72	-75.23



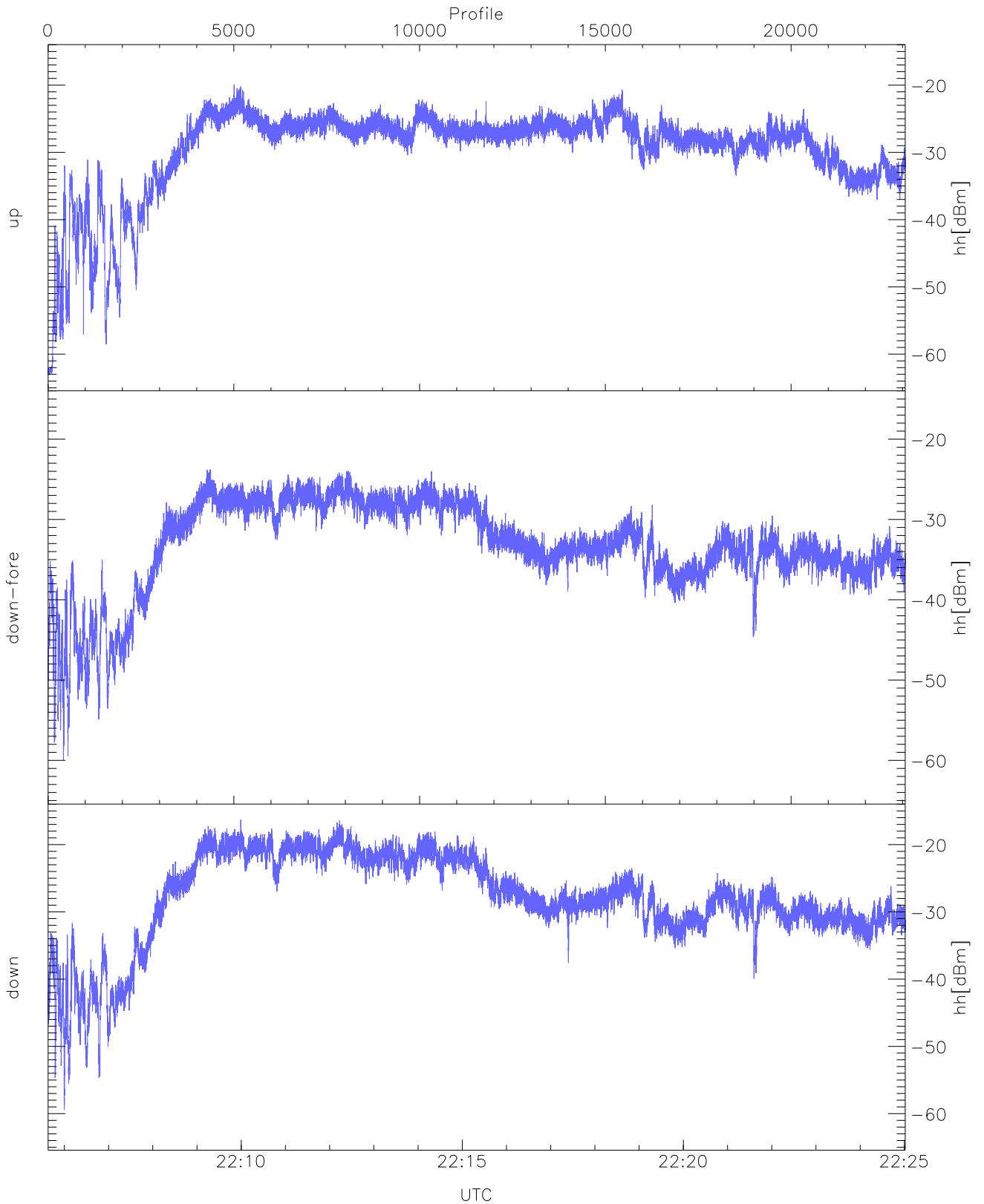
WCR2 CPP Averaged Received power for all recorded gates
blue: 220538-221520, 11538 profiles averaged
red: 221520-222501, 11537 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 220538-221520, 11538 profiles averaged
red: 221520-222501, 11537 profiles averaged

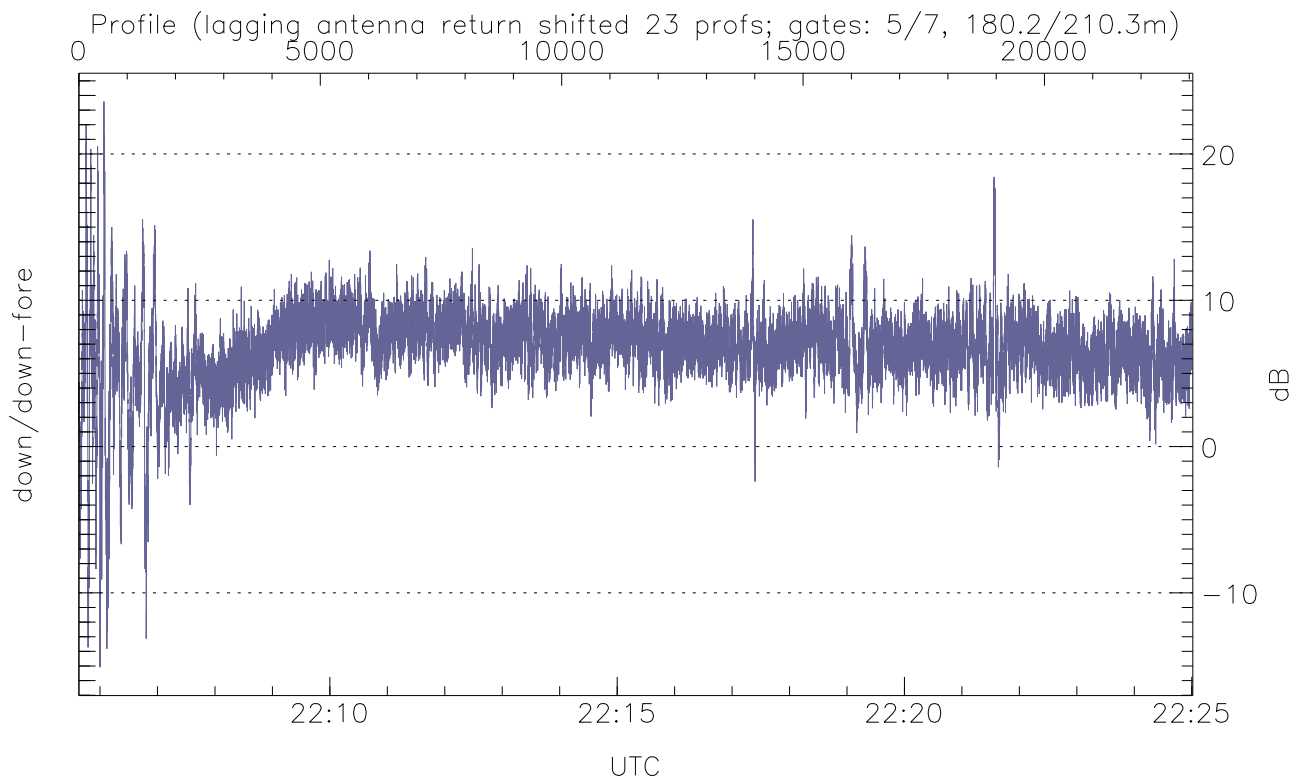
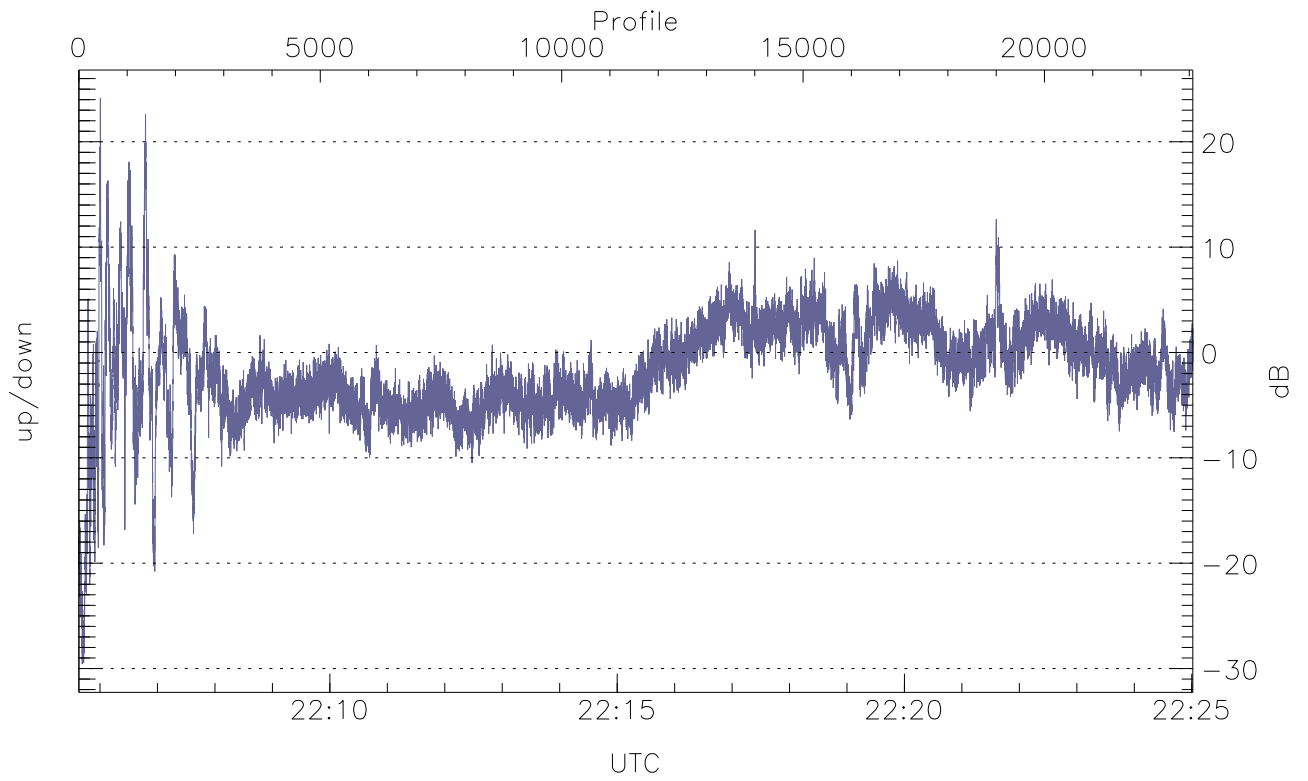


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



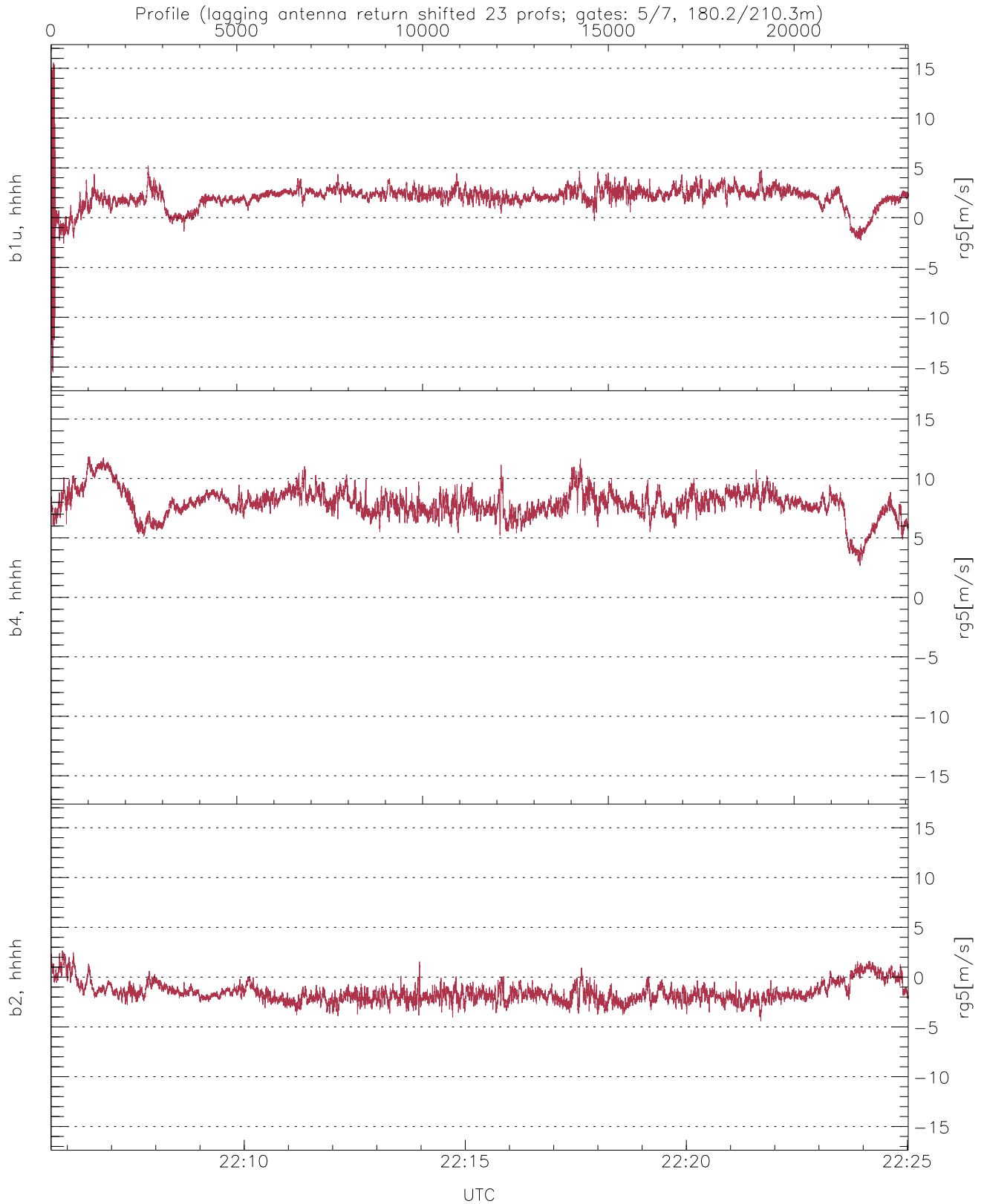
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.10	-19.92	-27.28
down-fore(hh[dBm])	-59.93	-23.79	-30.75
down(hh[dBm])	-59.44	-16.31	-24.54



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

	Min	Max	Mean
up/down (dB)	-29.58	24.13	-1.56
down/down-fore (dB)	-15.09	23.59	6.72



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.52	15.55	2.01	1.16
b4, hhhh(rg5[m/s])	2.66	11.85	7.88	1.23
b2, hhhh(rg5[m/s])	-4.42	2.66	-1.55	0.97