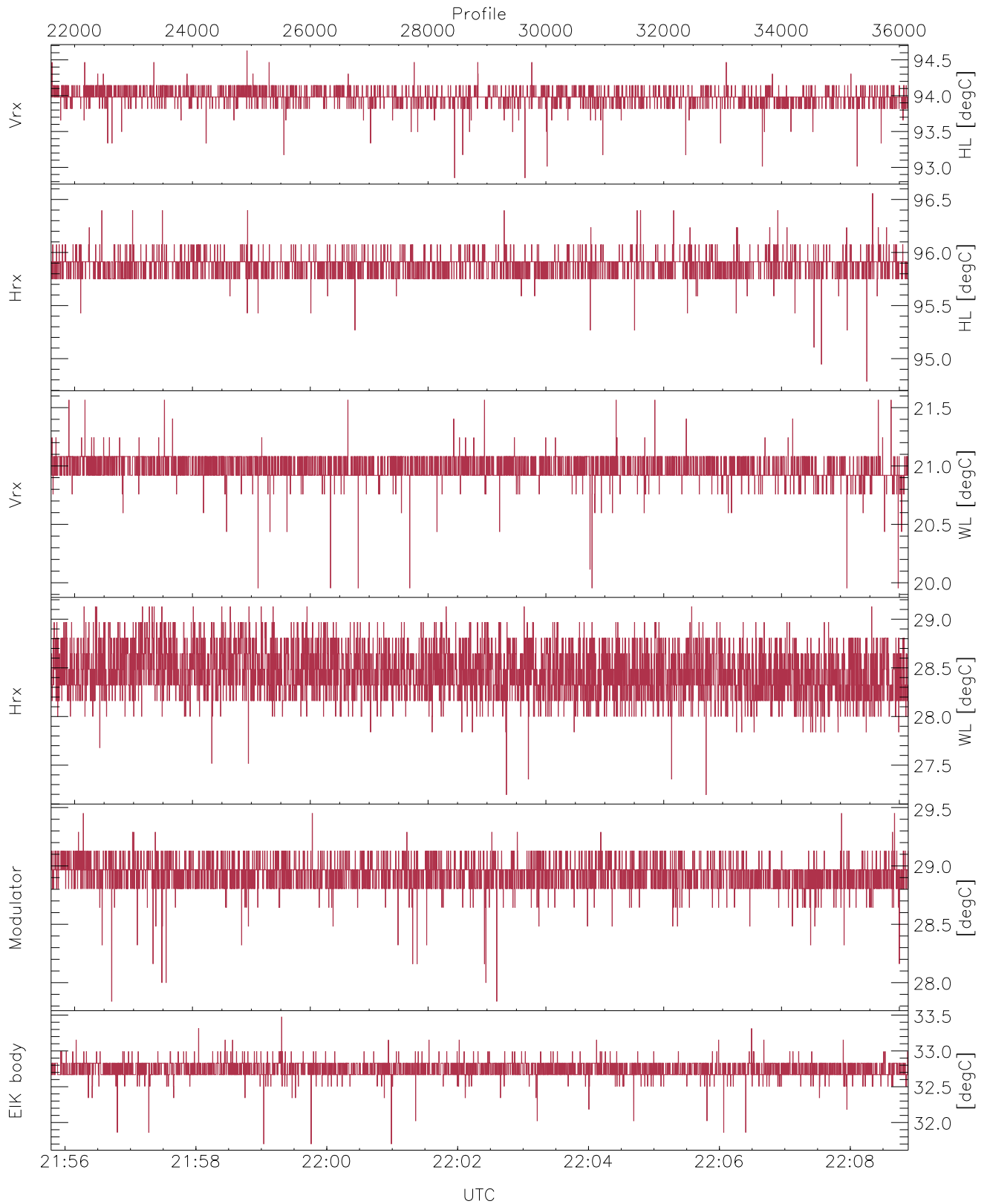


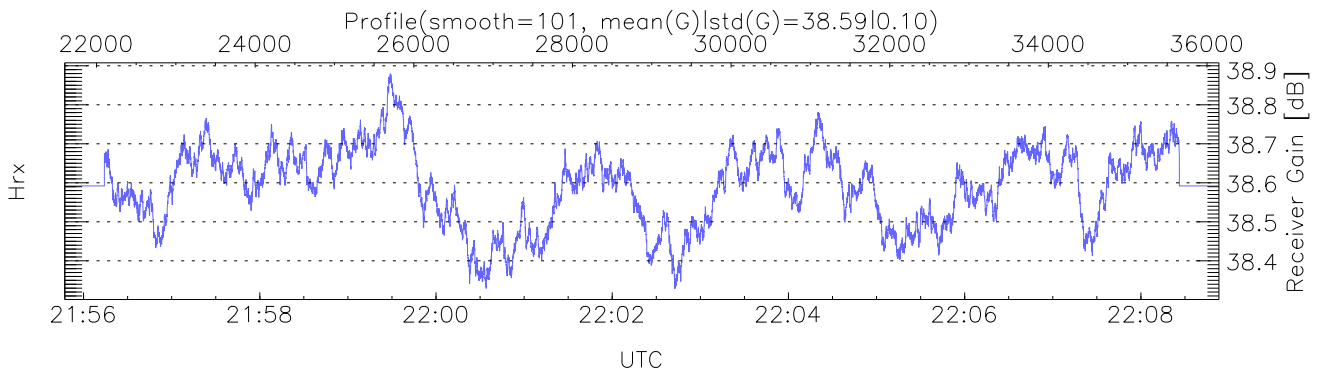
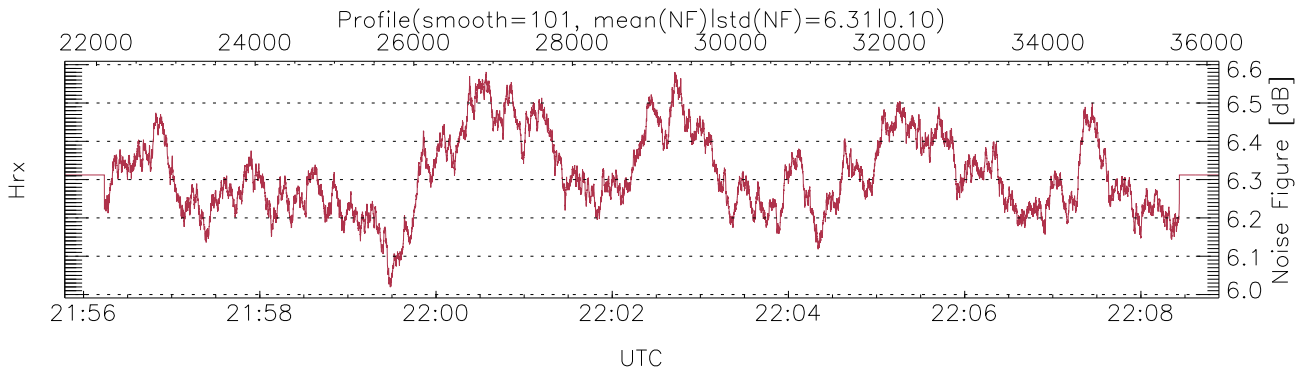
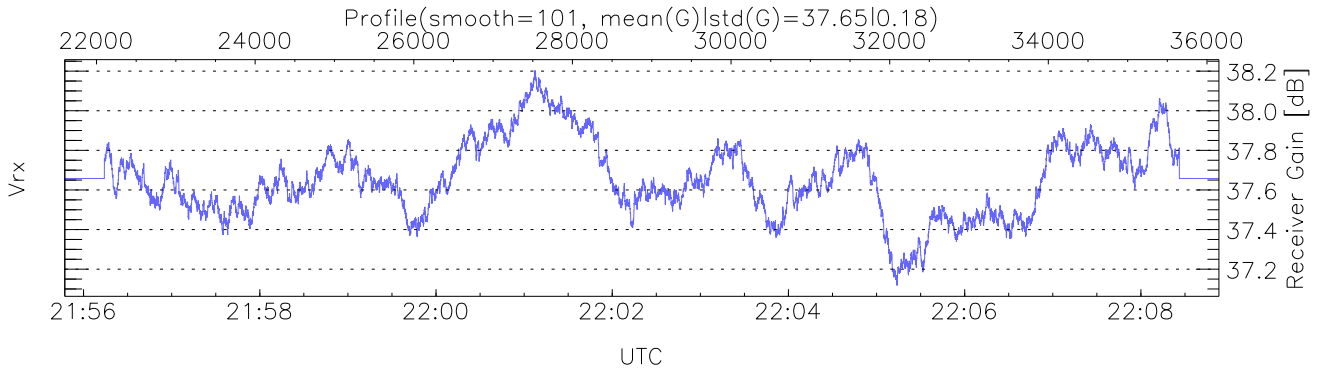
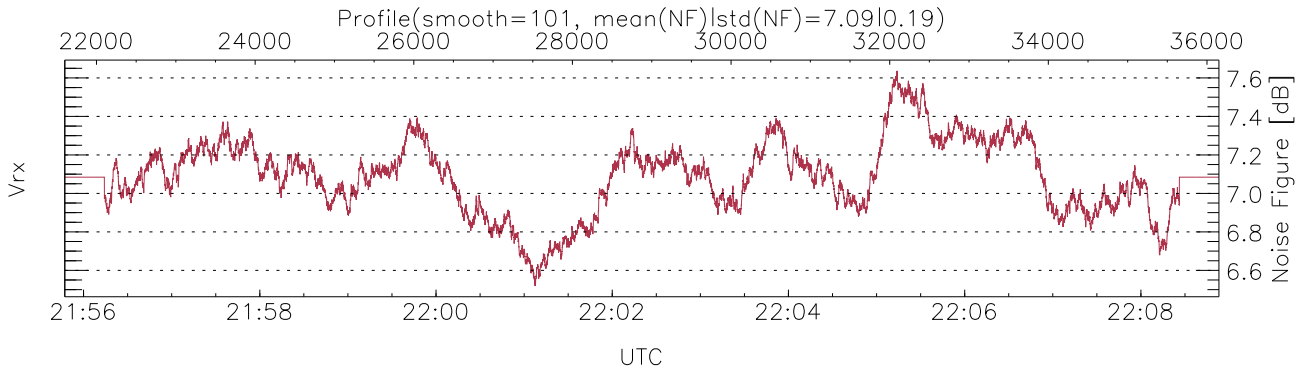
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:36:21-22:08:53, Dur: 1952.64s
 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): 14552/36152, 21600-36151/21:55:47-22:08:53
 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



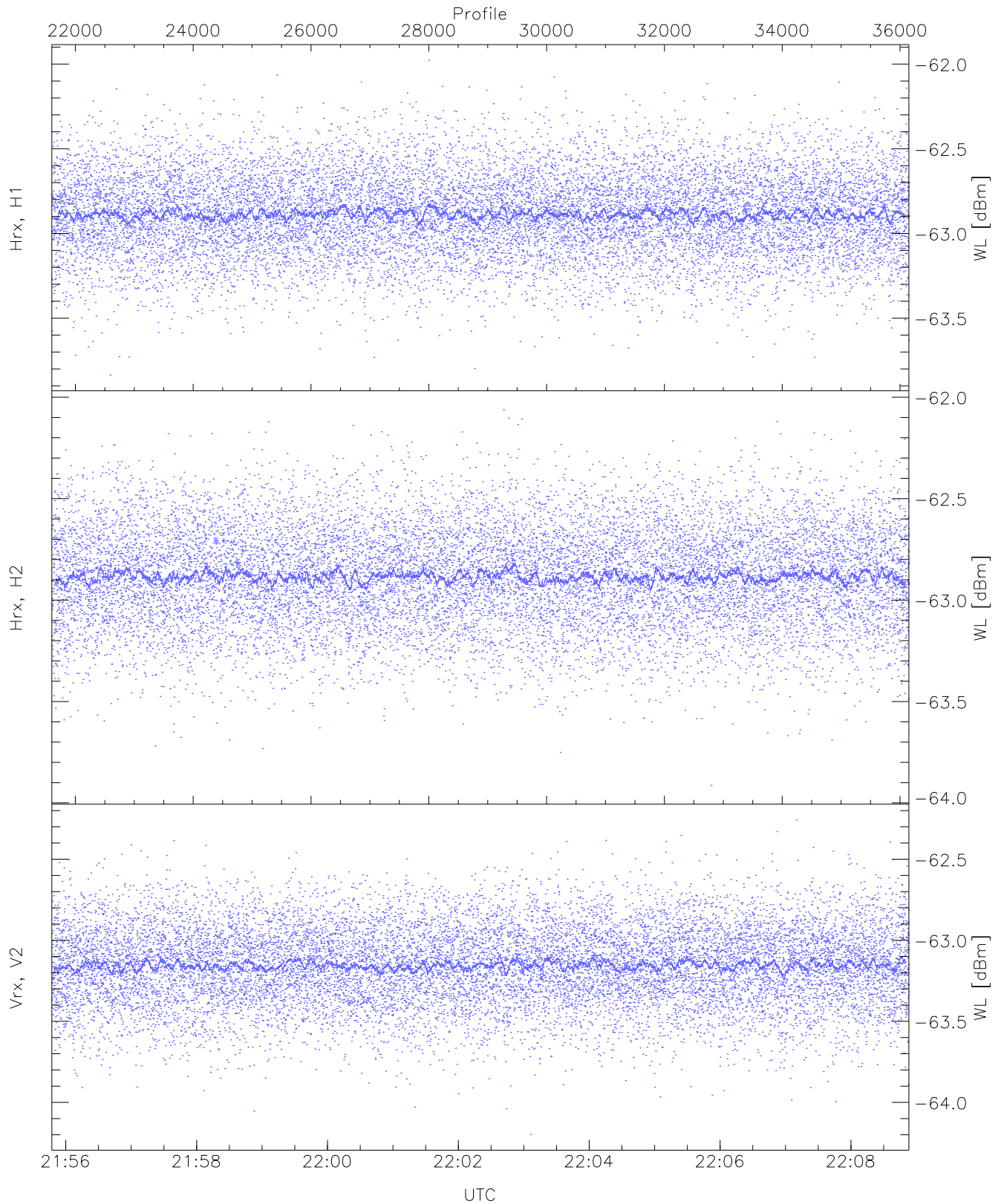
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,27,27,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,29,29,33
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty (10,10,10,10,10)



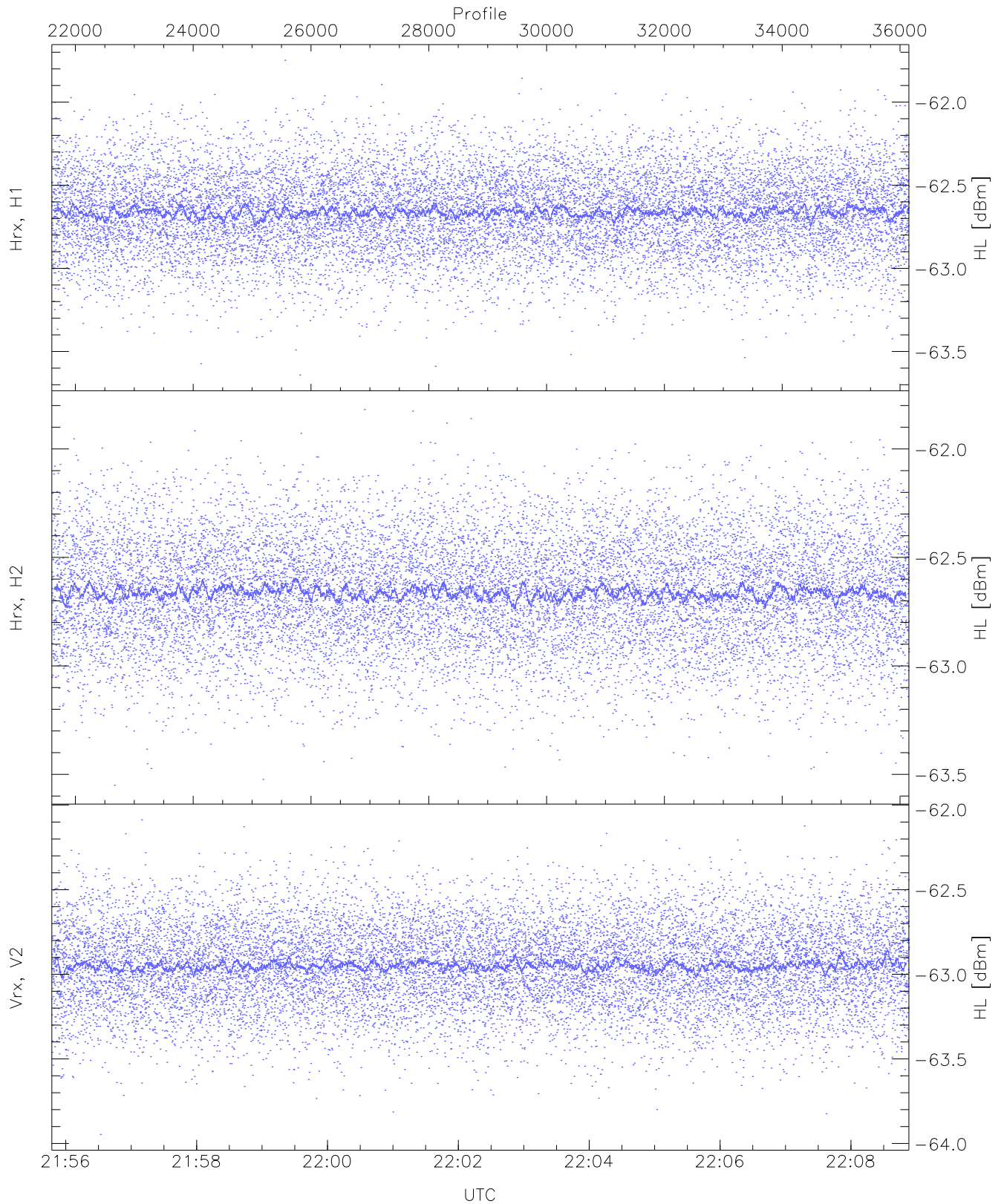
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 124 pixs, 7 gates, 124 profs, 1 prods



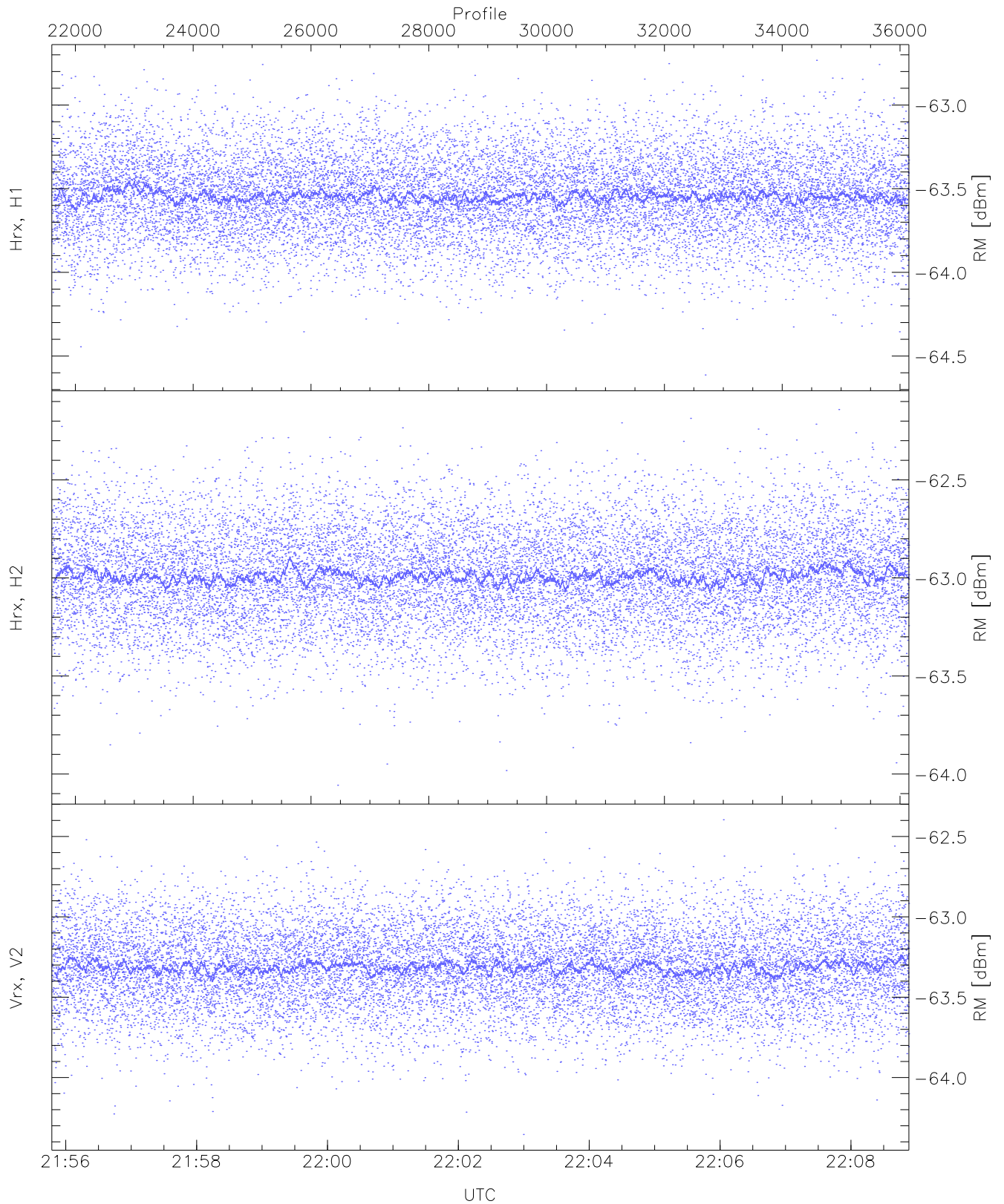
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.84	-61.98	-62.88	-62.89	-75.60
Hrx, H2(WL [dBm])	-63.91	-62.06	-62.88	-62.88	-75.60
Vrx, V2(WL [dBm])	-64.20	-62.26	-63.15	-63.15	-75.88



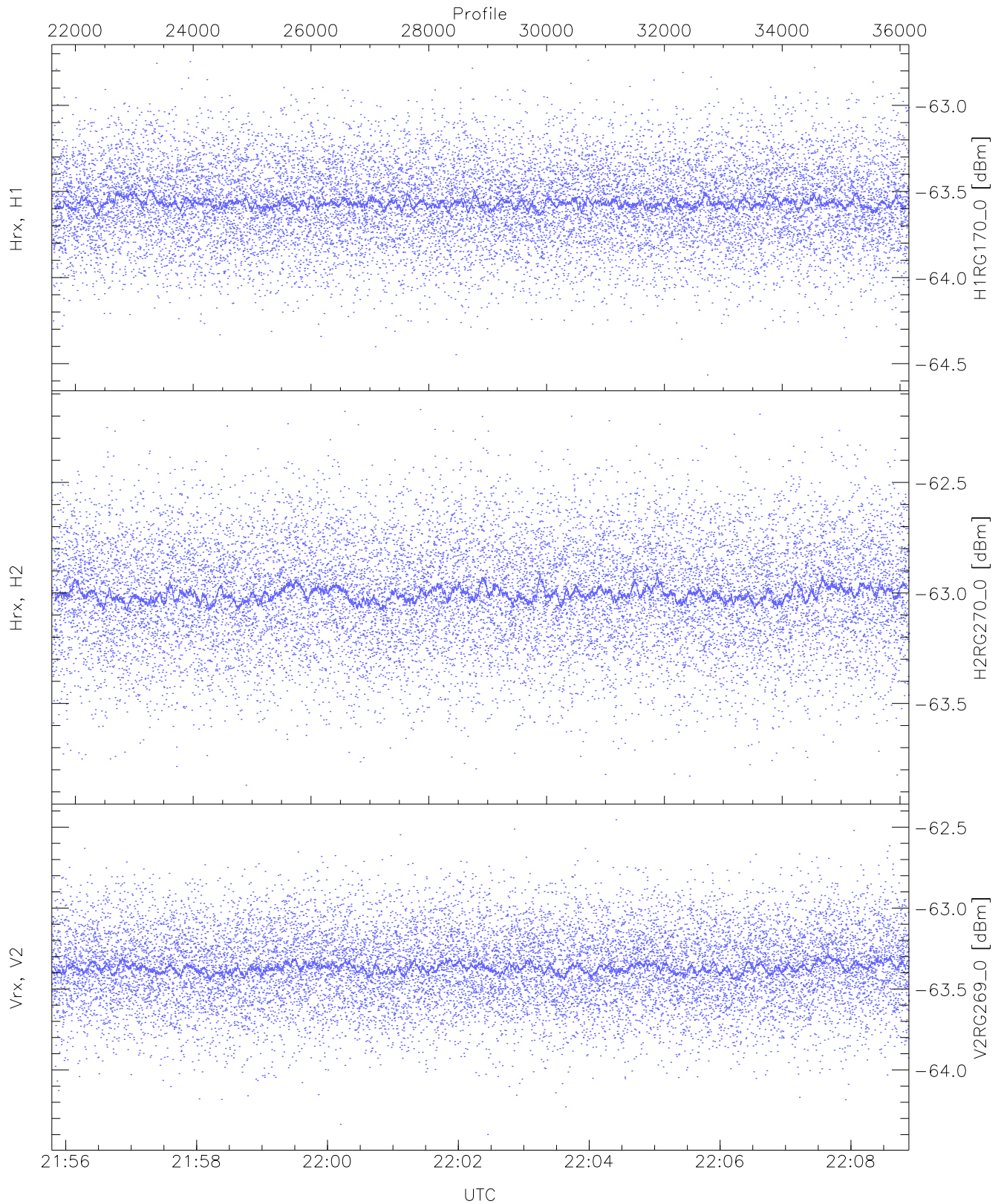
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.64	-61.75	-62.66	-62.66	-75.38
Hrx, H2 (HL [dBm])	-63.55	-61.82	-62.66	-62.66	-75.35
Vrx, V2 (HL [dBm])	-63.95	-62.09	-62.94	-62.95	-75.65



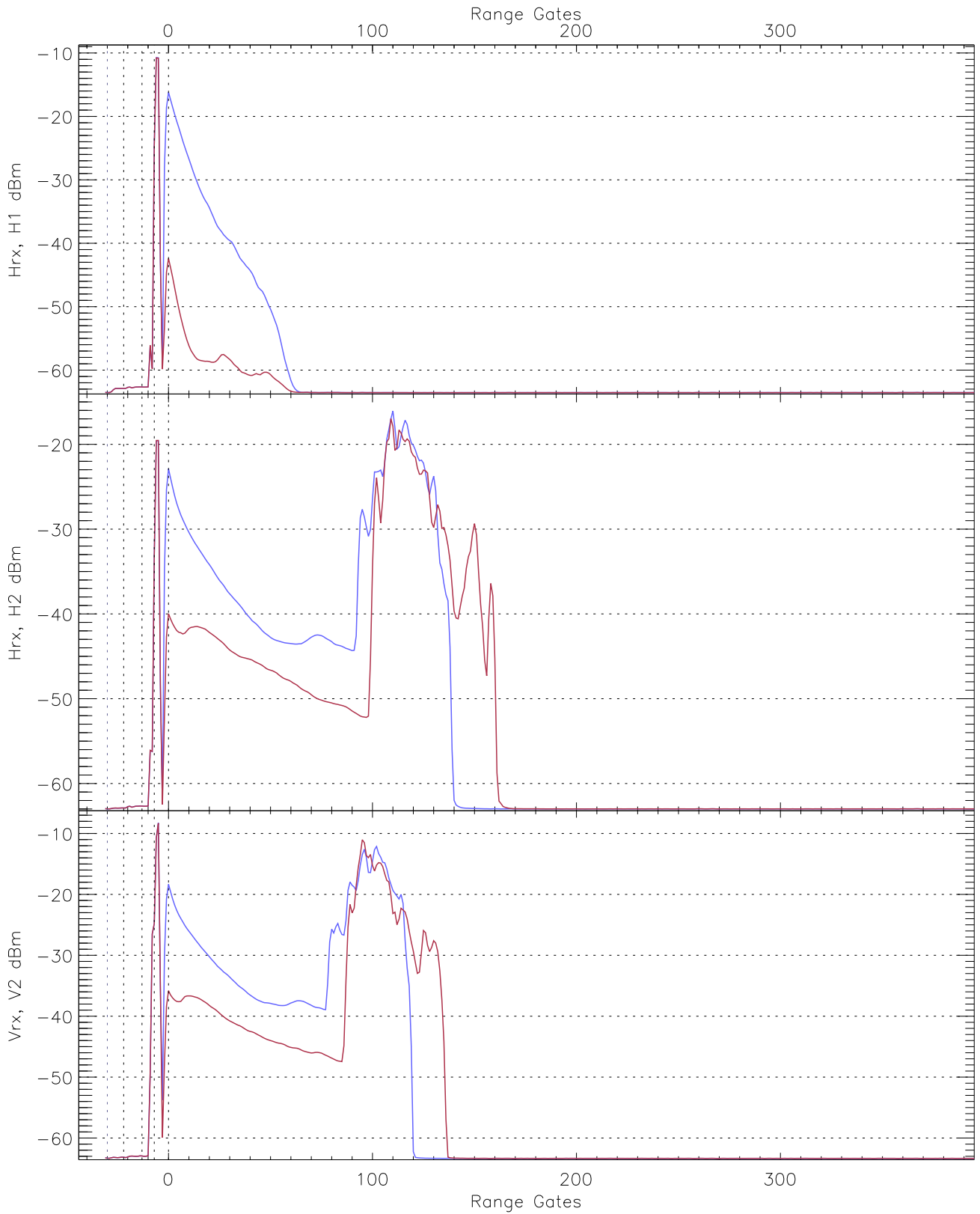
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.61	-62.73	-63.54	-63.55	-76.27
Hrx, H2 (RM [dBm])	-64.06	-62.14	-62.99	-62.99	-75.71
Vrx, V2 (RM [dBm])	-64.35	-62.40	-63.31	-63.31	-76.00

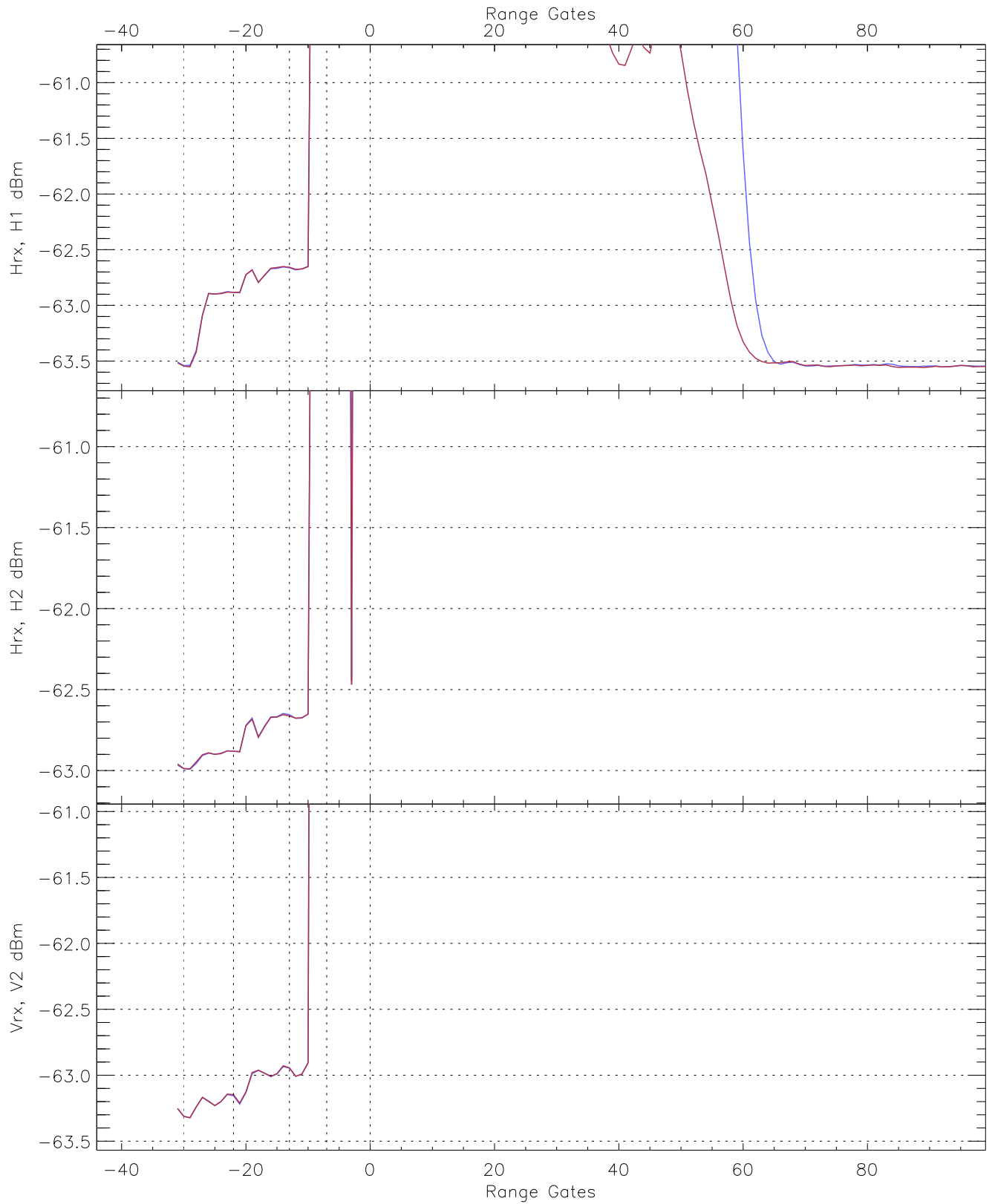


WCR2 CPP "Best" estimate Receivers Noise Power

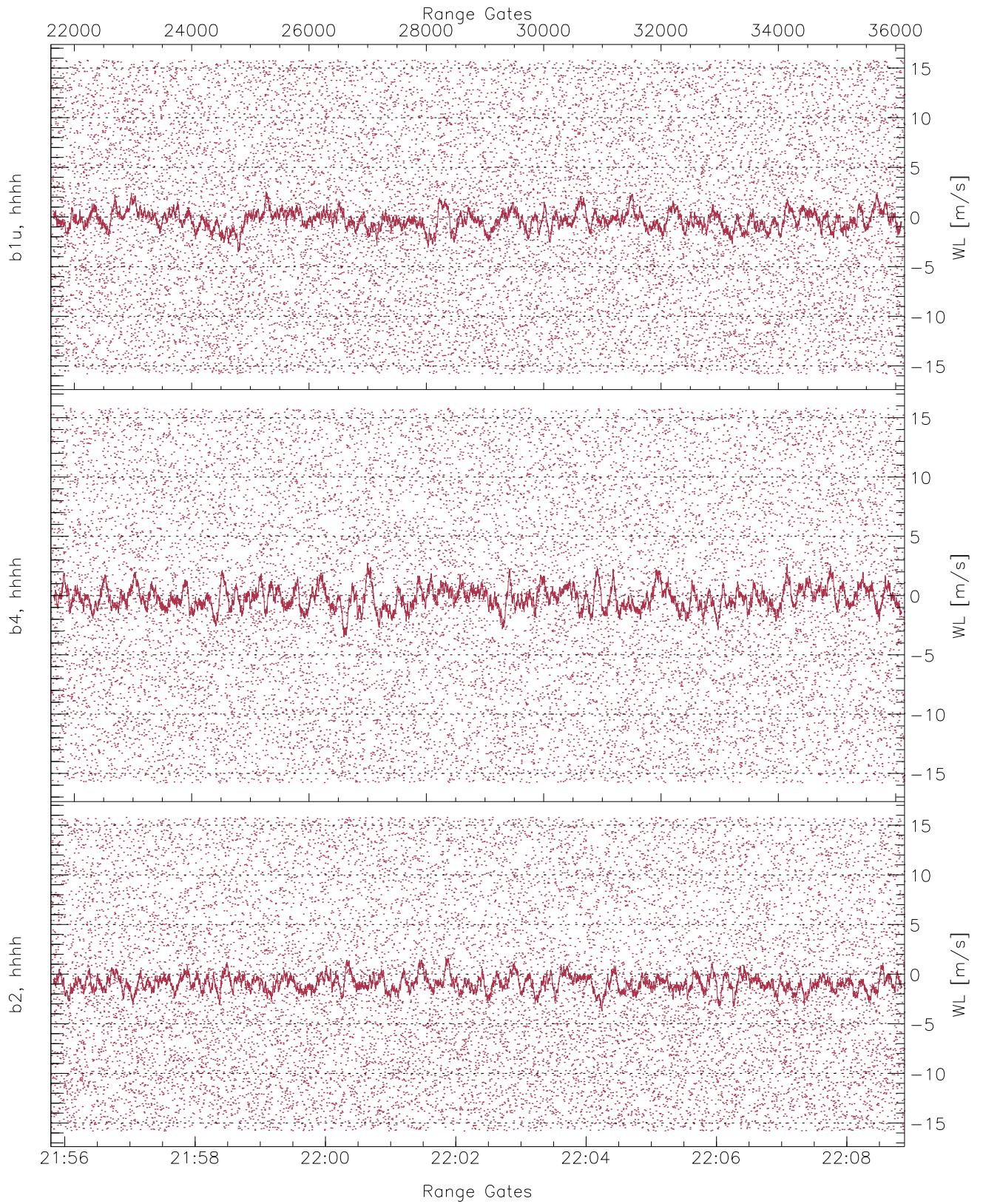
	Min	Max	Mean	Median	StDev
H1RG170_0 [dBm]	-64.57	-62.74	-63.56	-63.57	-76.26
H2RG270_0 [dBm]	-63.87	-62.17	-63.00	-63.01	-75.67
V2RG269_0 [dBm]	-64.40	-62.45	-63.36	-63.37	-76.05



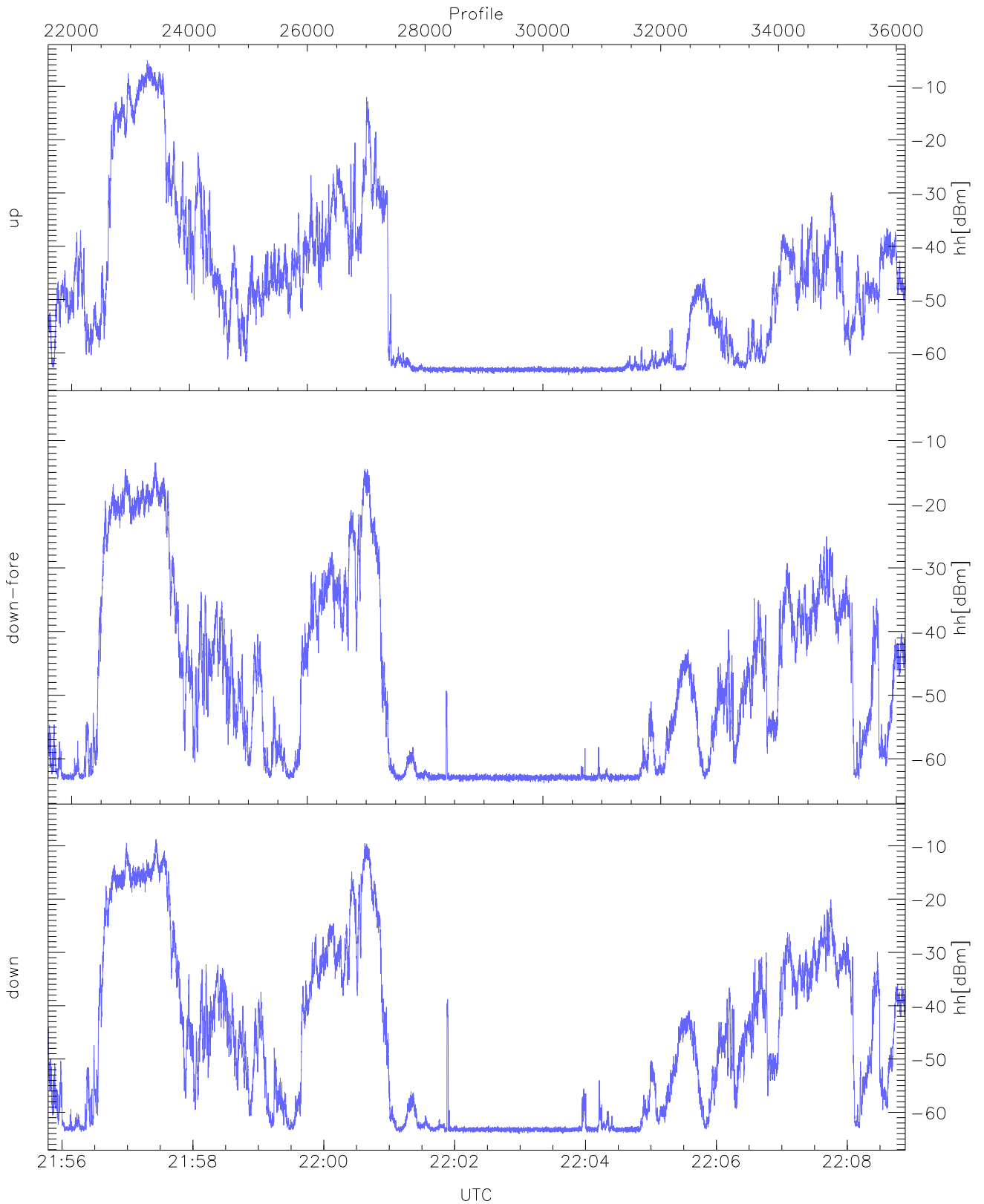
WCR2 CPP Averaged Received power for all recorded gates
blue: 215547-220220, 7277 profiles averaged
red: 220220-220853, 7276 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 215547-220220, 7277 profiles averaged
red: 220220-220853, 7276 profiles averaged

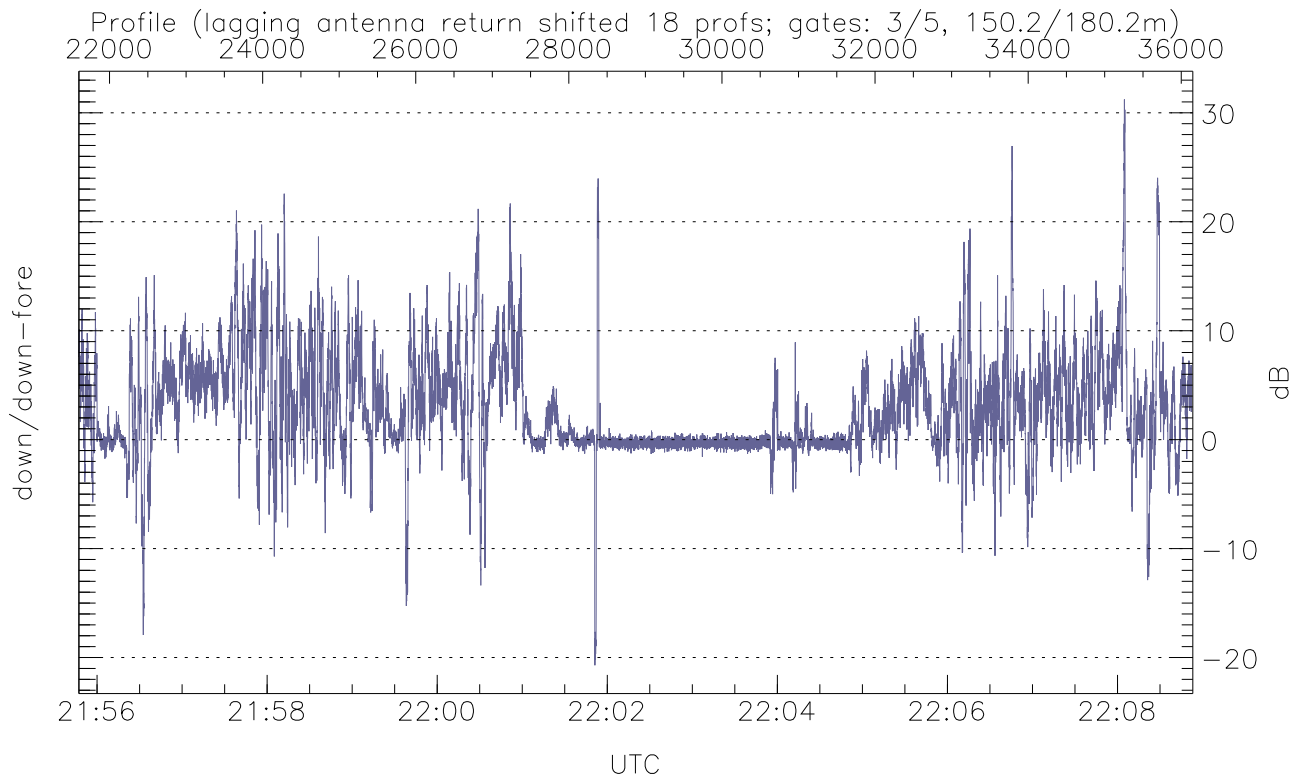
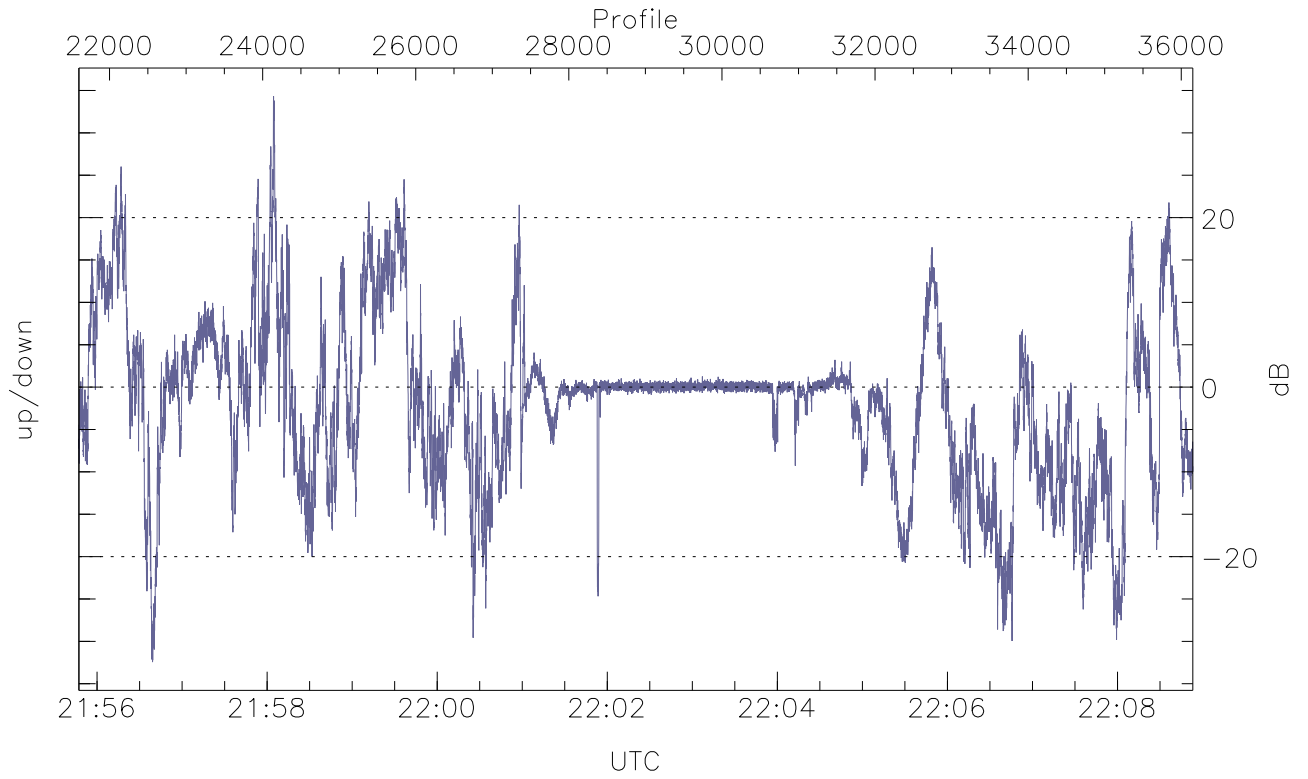


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



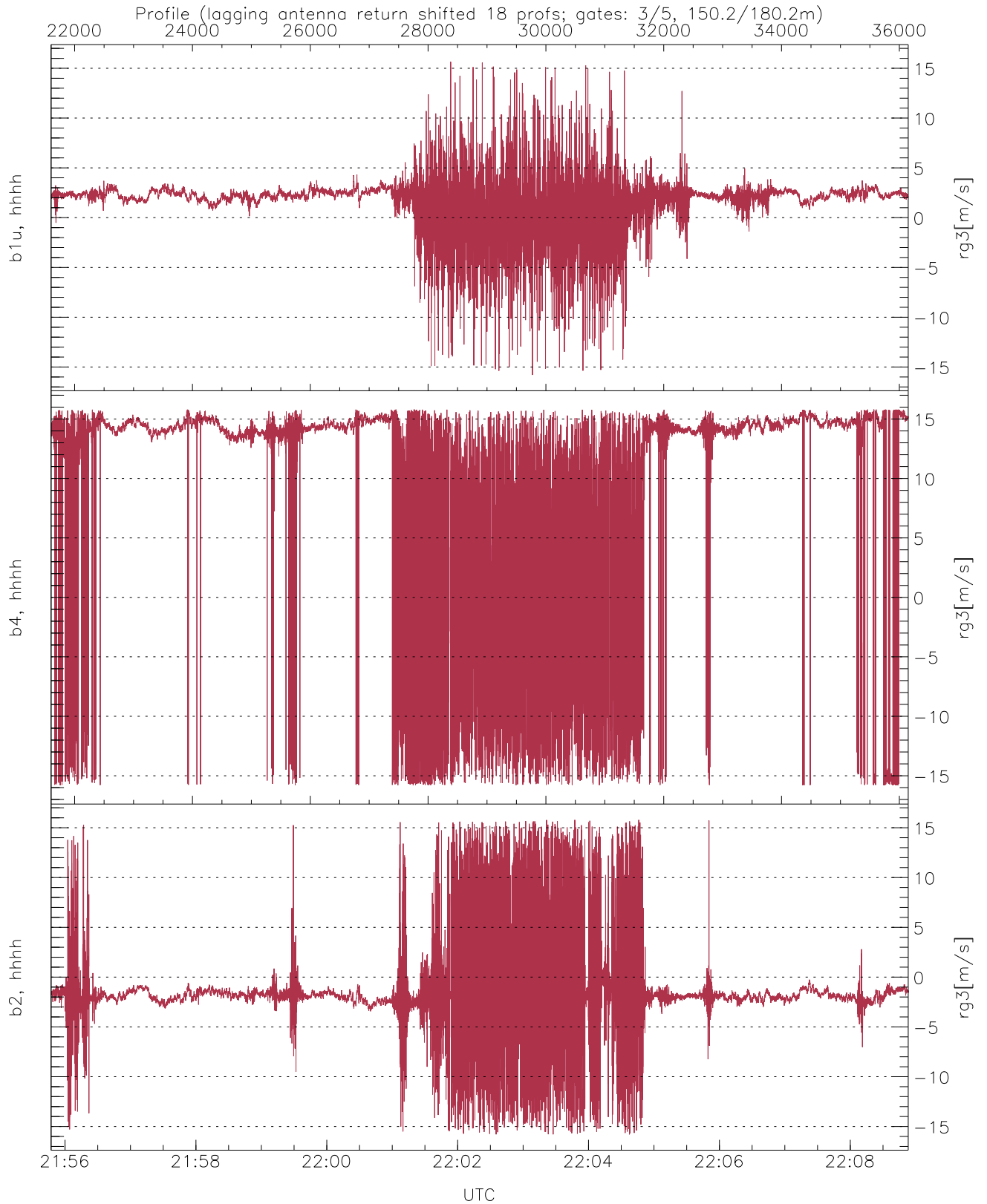
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.15	-5.12	-22.66
down-fore(hh[dBm])	-63.78	-13.48	-28.95
down(hh[dBm])	-64.08	-8.78	-24.64



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

	Min	Max	Mean
up/down (dB)	-32.44	34.31	-1.75
down/down-fore (dB)	-20.71	31.22	2.90



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.79	15.65	1.60	2.41
b4, hhhh(rg3[m/s])	-15.80	15.80	9.35	9.44
b2, hhhh(rg3[m/s])	-15.80	15.79	-1.57	4.25