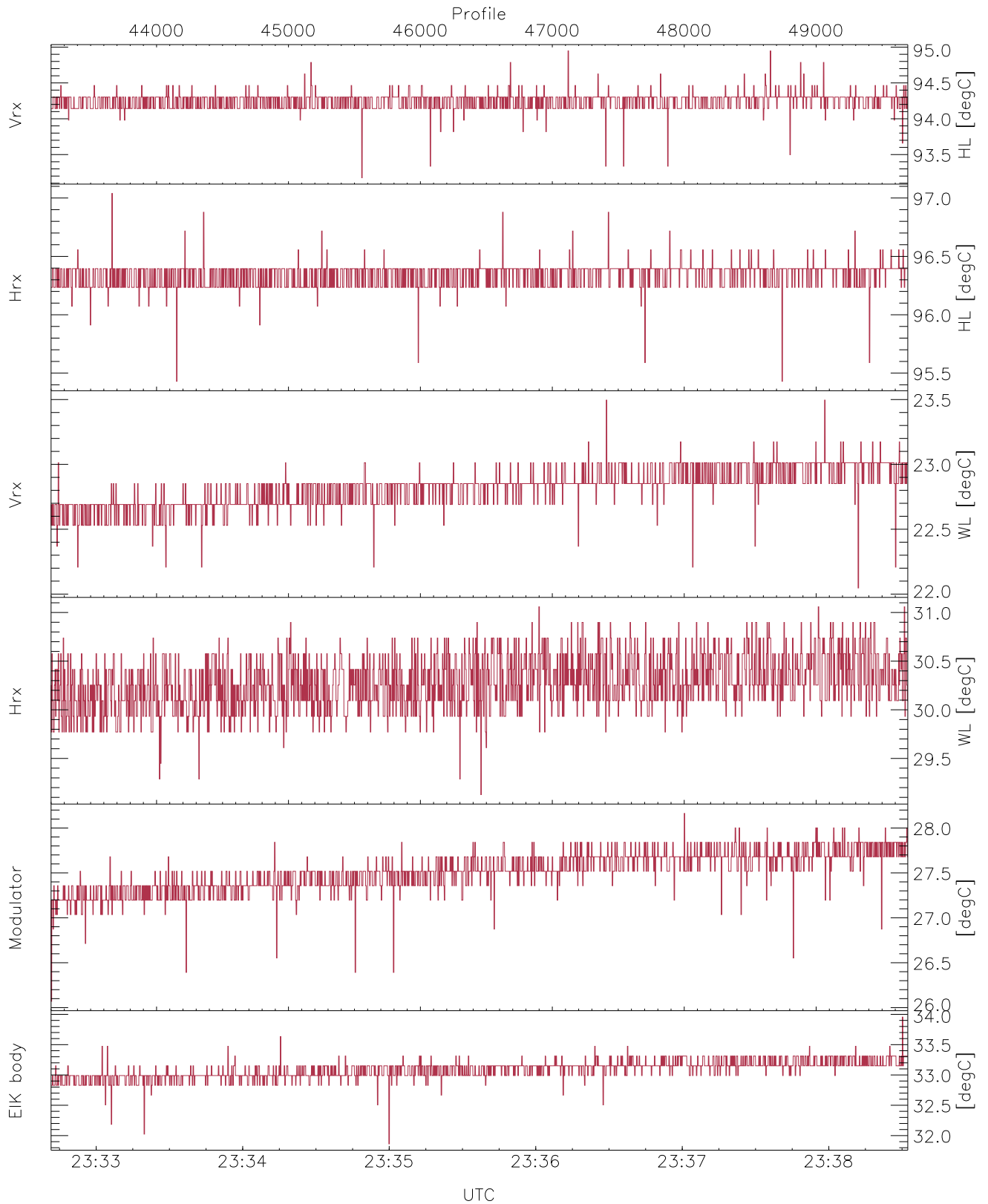


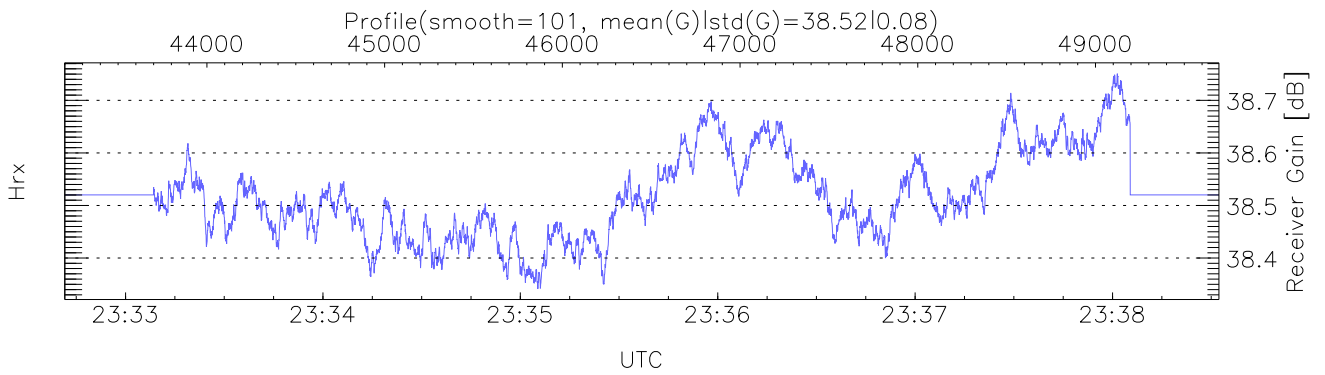
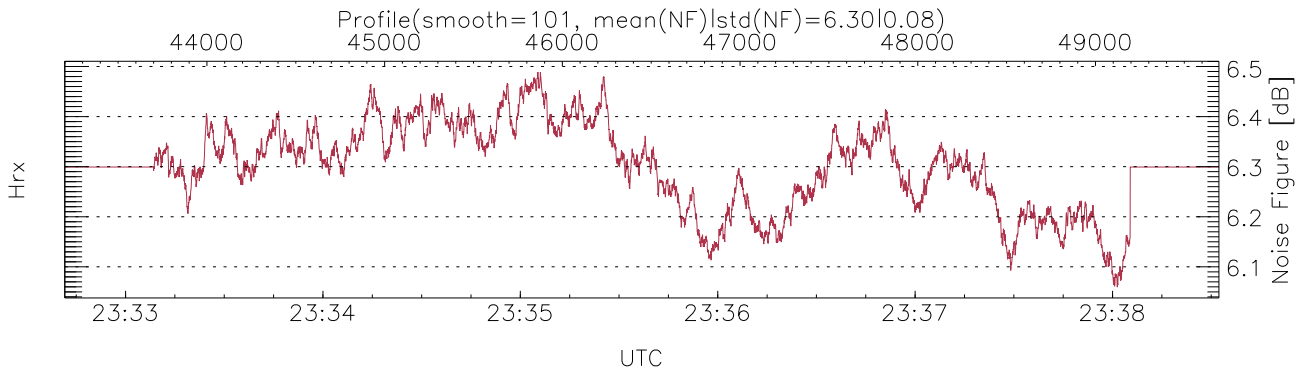
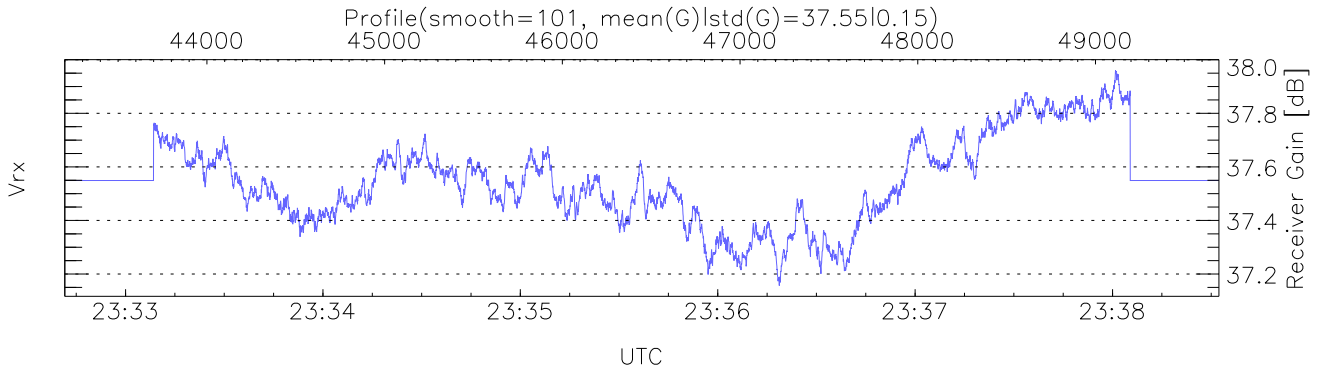
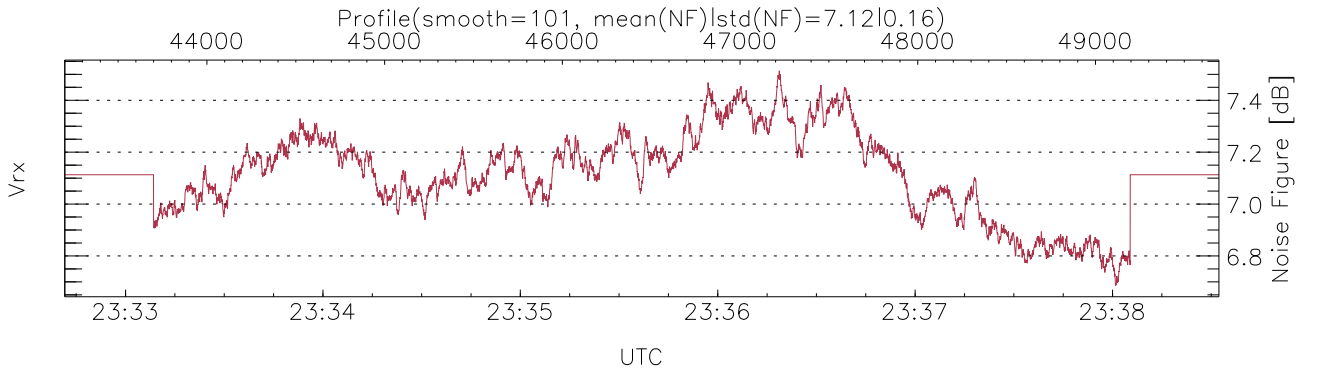
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:53:48-23:38:32, Dur: 2684.20s
 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): 6496/49696, 43200-49695/23:32:42-23:38:32
 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



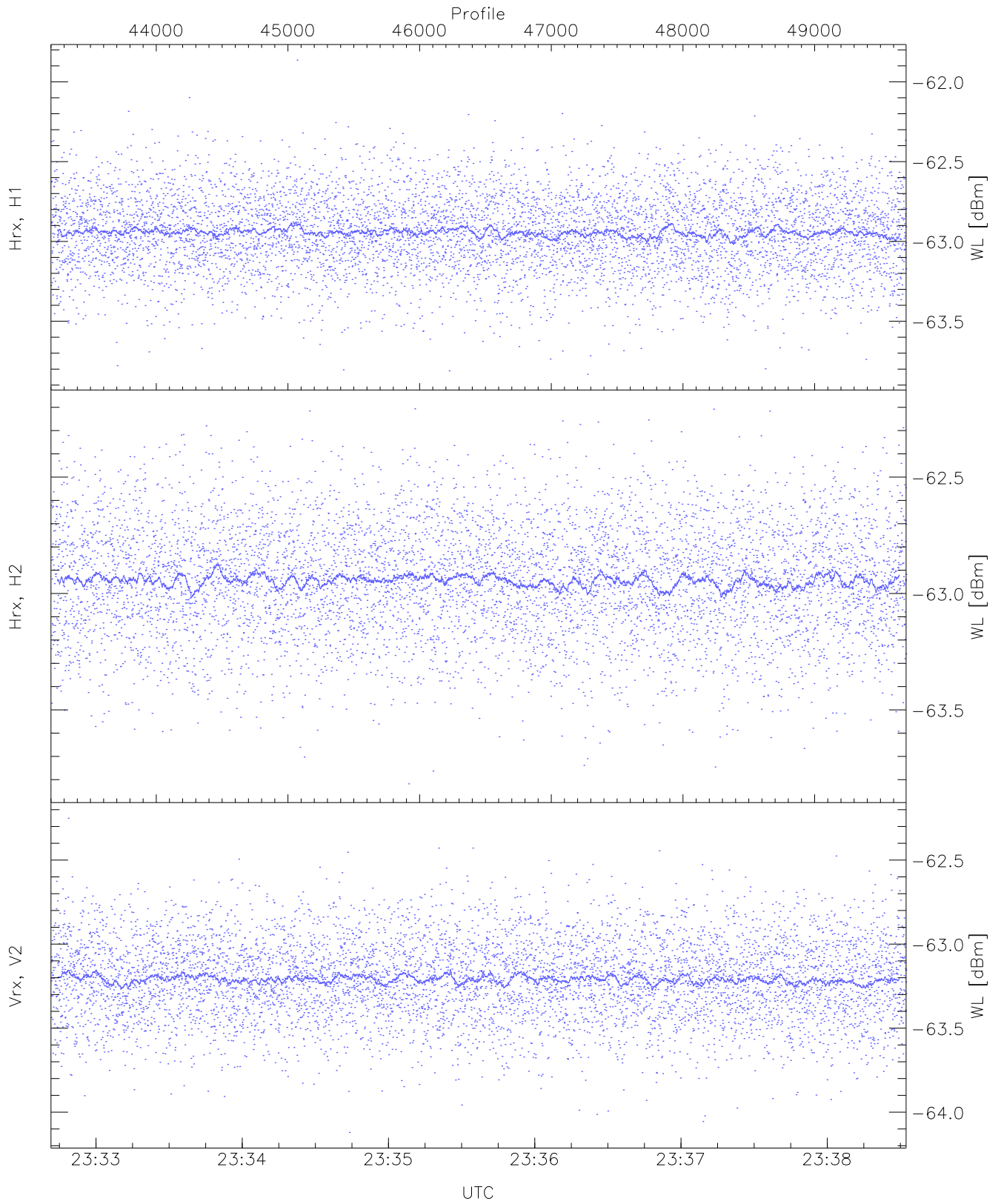
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,29,26,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,97,23,31,28,33
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK/Modulator Faults: None



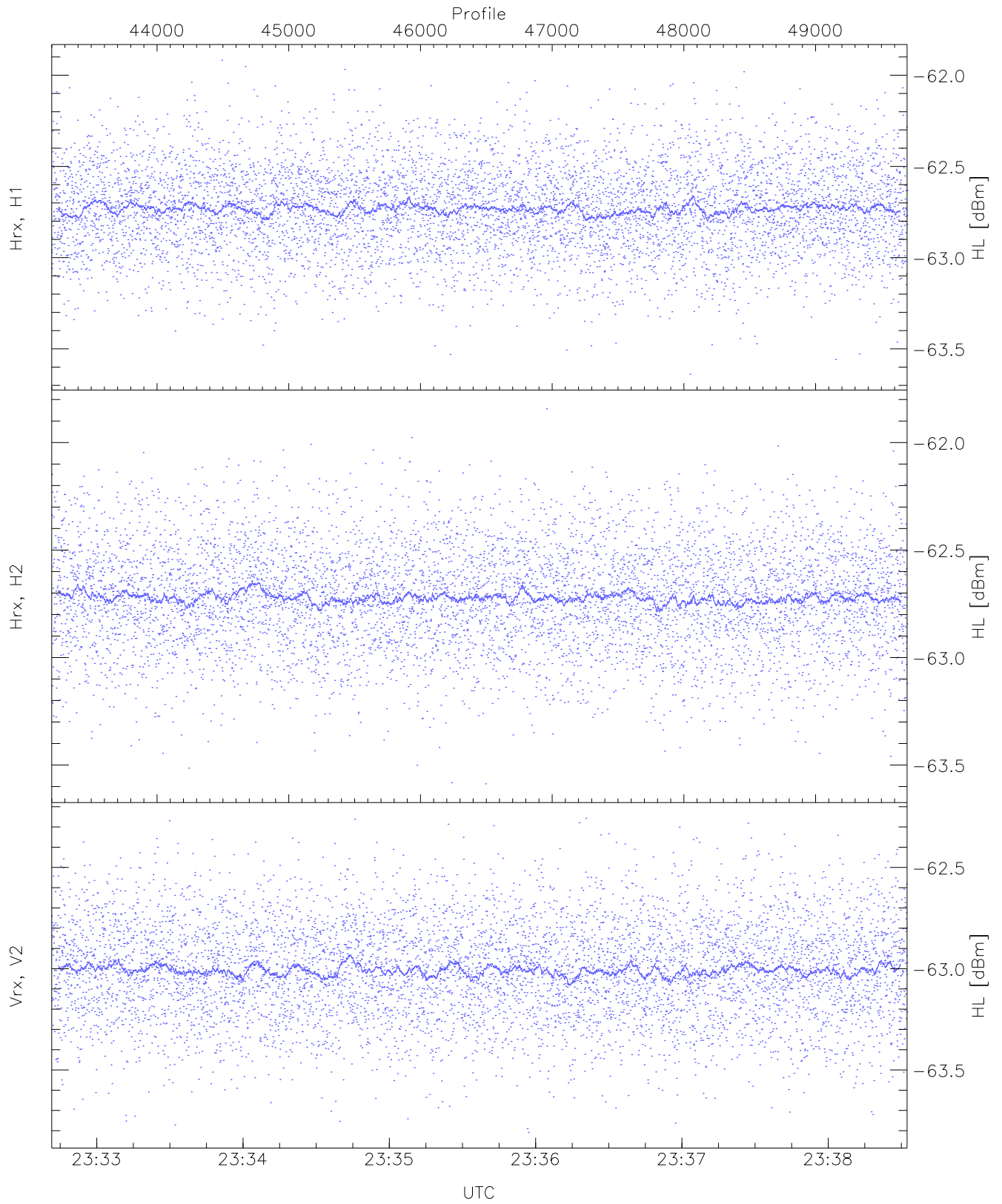
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 541 pixs, 30 gates, 534 profs, 2 prods



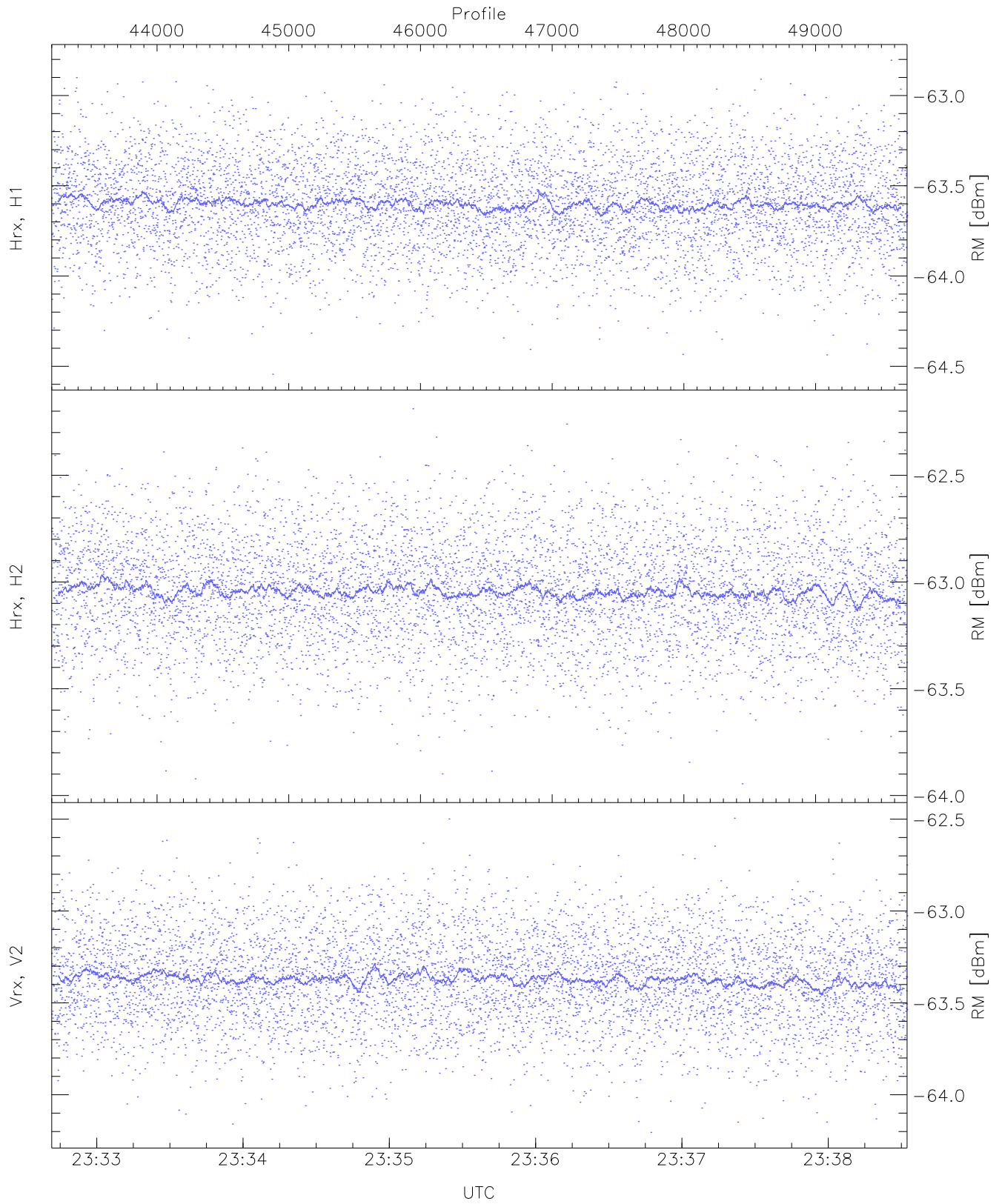
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.83	-61.86	-62.94	-62.94	-75.64
Hrx, H2 (WL [dBm])	-63.82	-62.21	-62.94	-62.94	-75.68
Vrx, V2 (WL [dBm])	-64.12	-62.25	-63.20	-63.21	-75.94



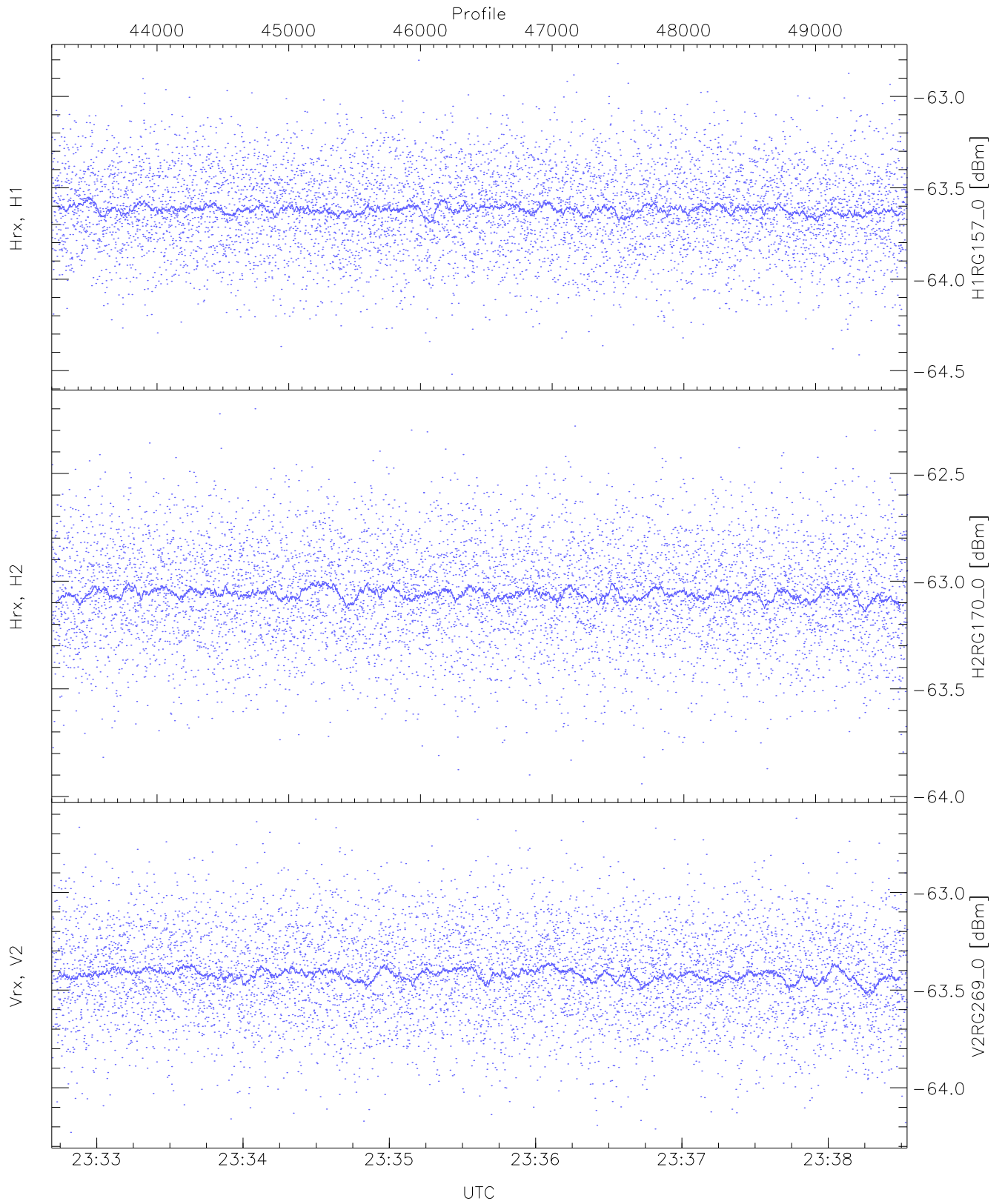
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.64	-61.92	-62.73	-62.73	-75.45
Hrx, H2 (HL [dBm])	-63.59	-61.84	-62.72	-62.72	-75.44
Vrx, V2 (HL [dBm])	-63.81	-62.26	-63.00	-63.01	-75.70



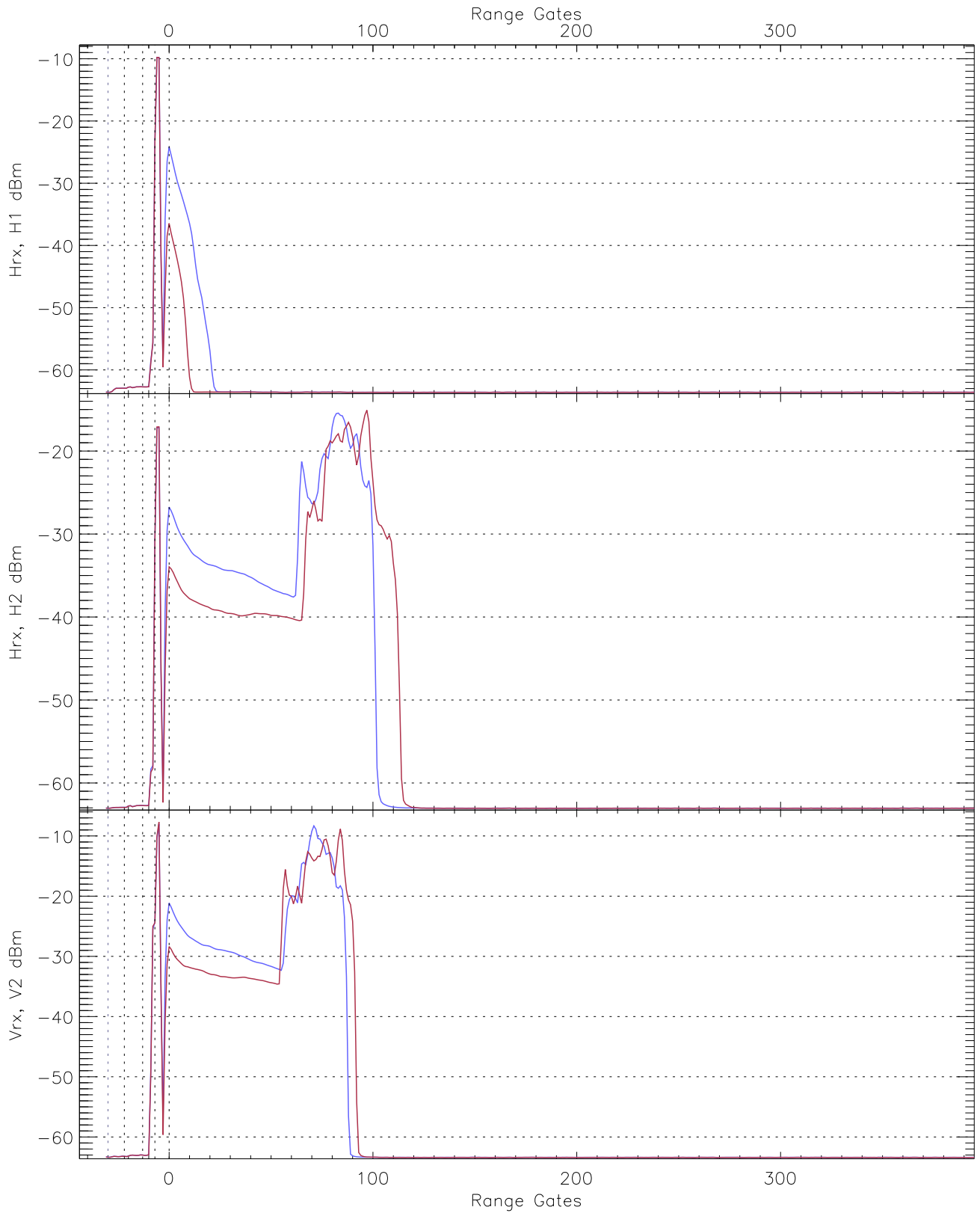
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.54	-62.80	-63.60	-63.60	-76.25
Hrx, H2 (RM [dBm])	-63.95	-62.19	-63.04	-63.05	-75.72
Vrx, V2 (RM [dBm])	-64.20	-62.50	-63.37	-63.37	-76.05

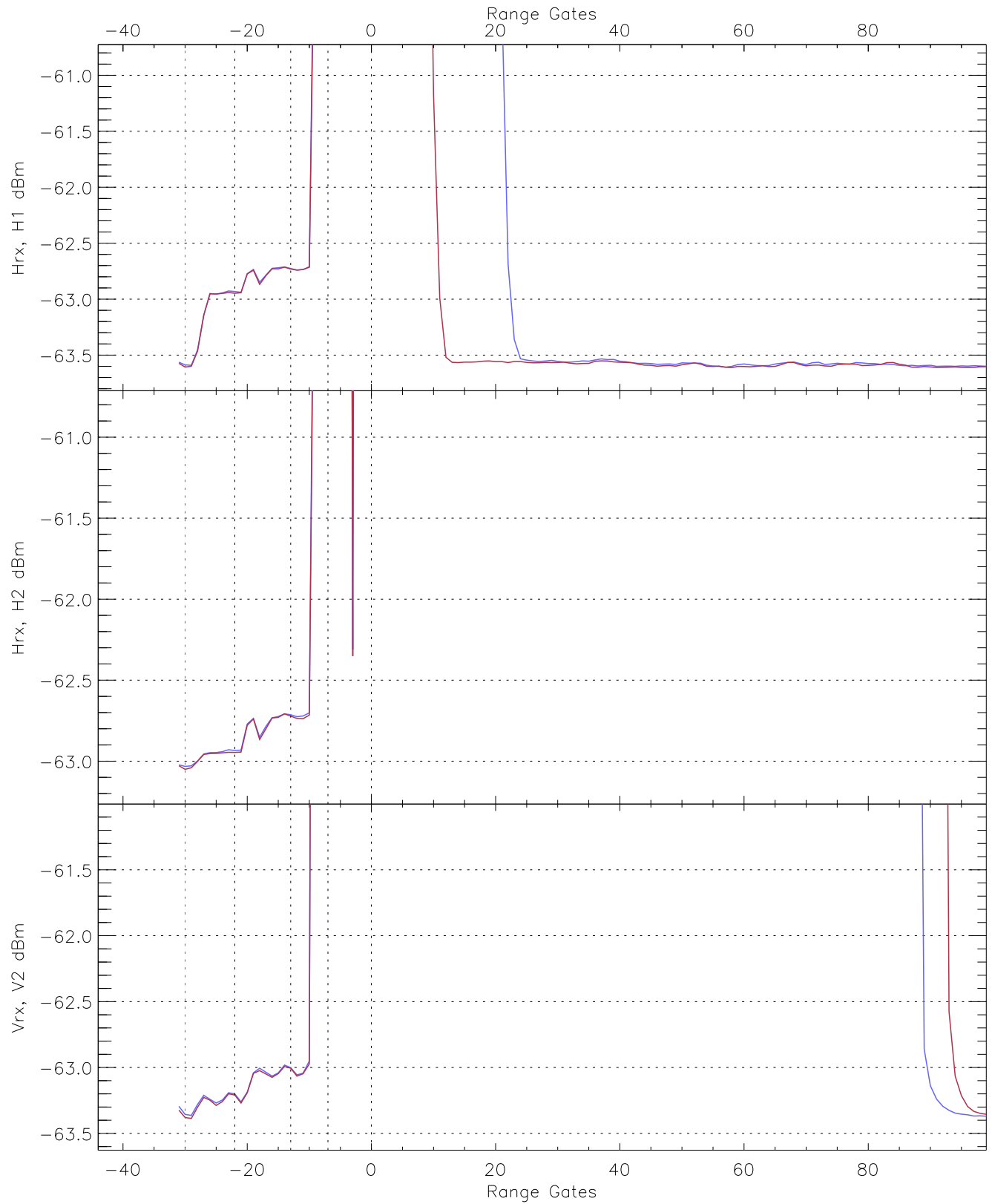


WCR2 CPP "Best" estimate Receivers Noise Power

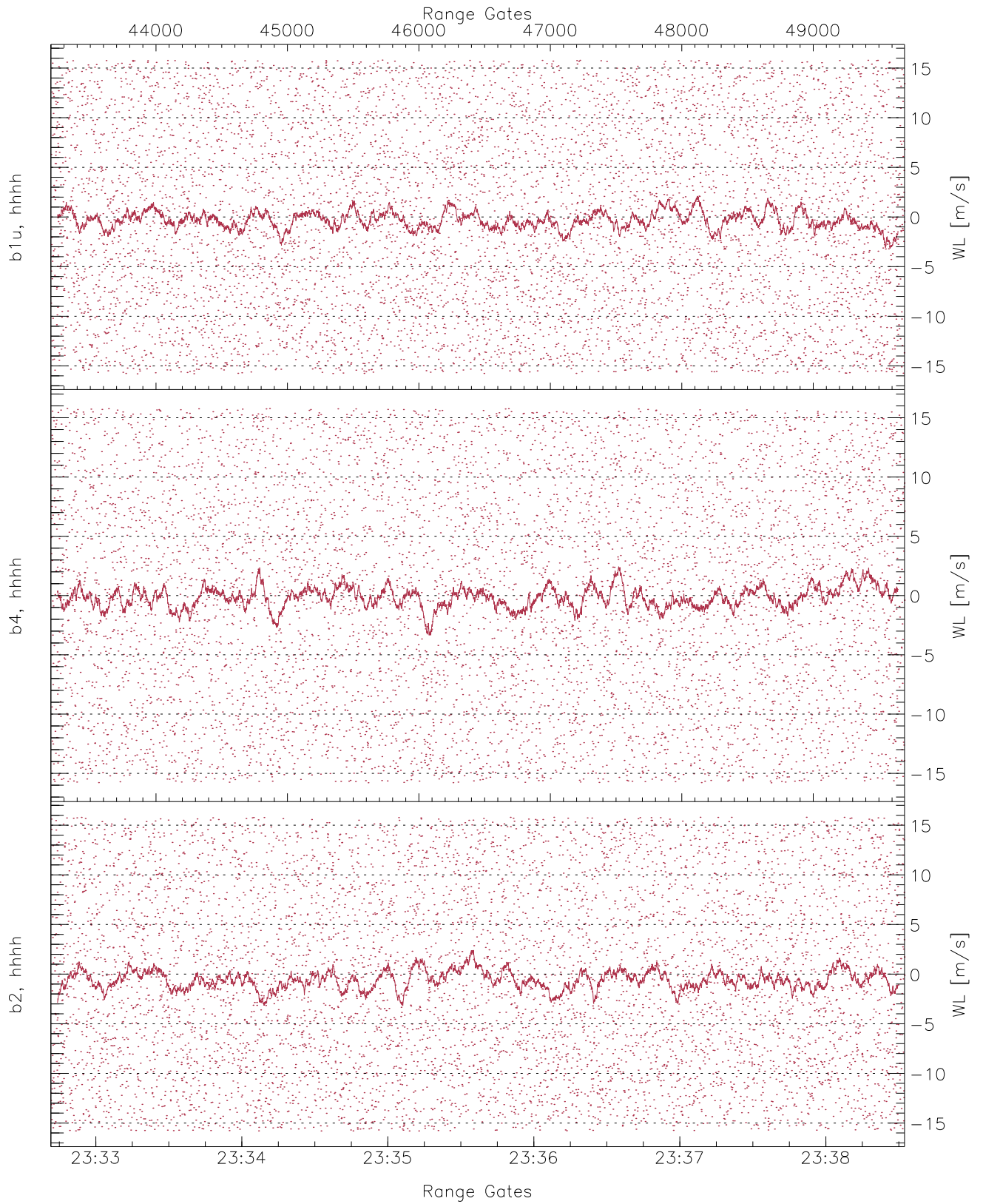
	Min	Max	Mean	Median	StDev
H1RG157_0 [dBm]	-64.52	-62.80	-63.61	-63.62	-76.34
H2RG170_0 [dBm]	-63.94	-62.20	-63.06	-63.06	-75.74
V2RG269_0 [dBm]	-64.23	-62.62	-63.42	-63.42	-76.05



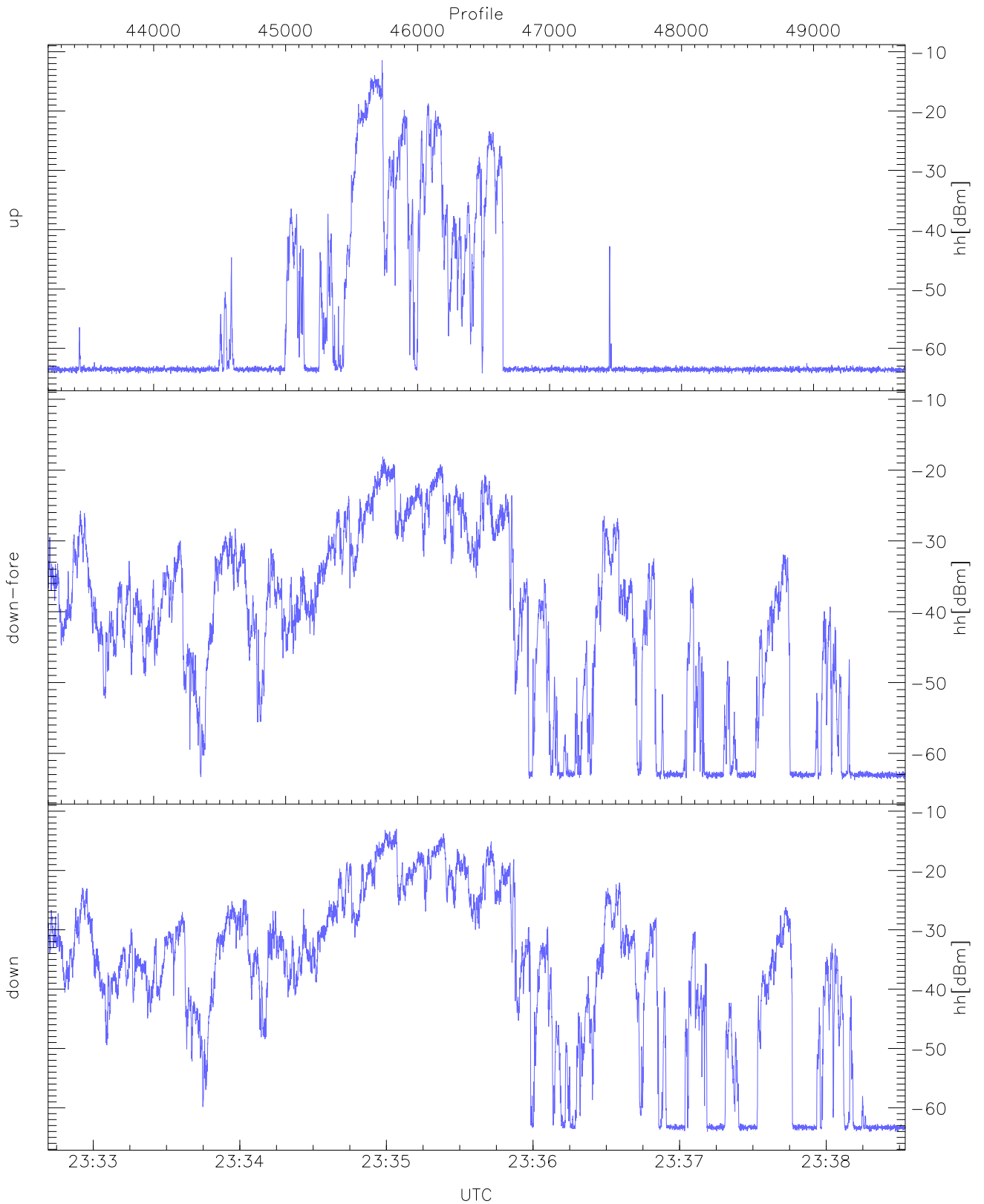
WCR2 CPP Averaged Received power for all recorded gates
blue: 233242-233537, 3249 profiles averaged
red: 233537-233832, 3248 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 233242-233537, 3249 profiles averaged
red: 233537-233832, 3248 profiles averaged

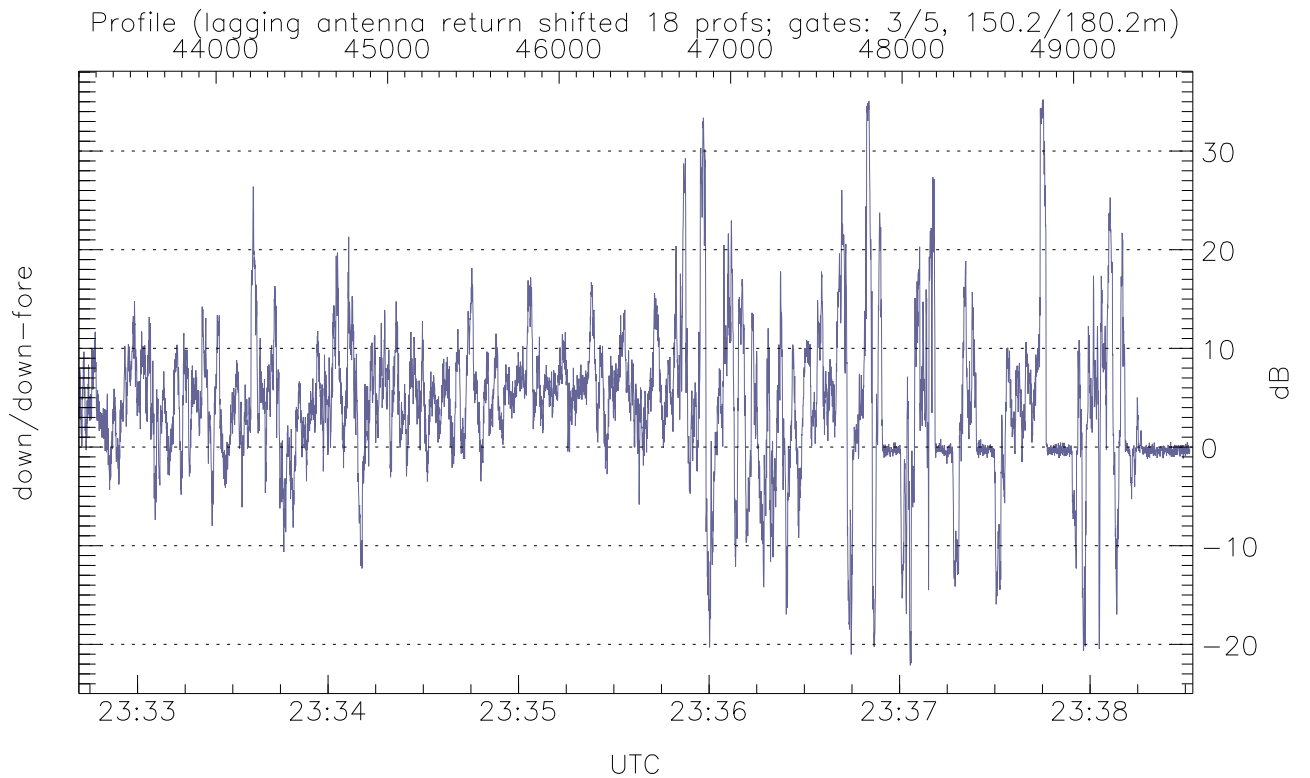
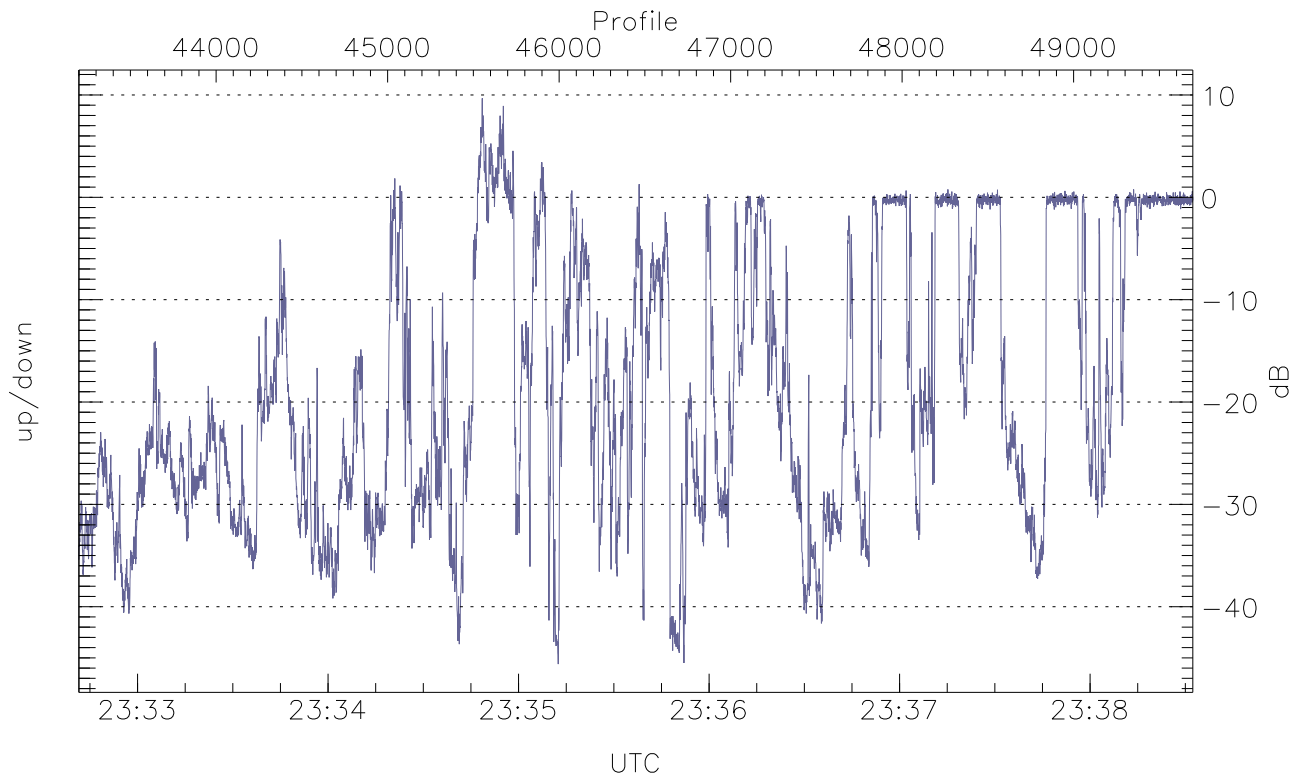


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



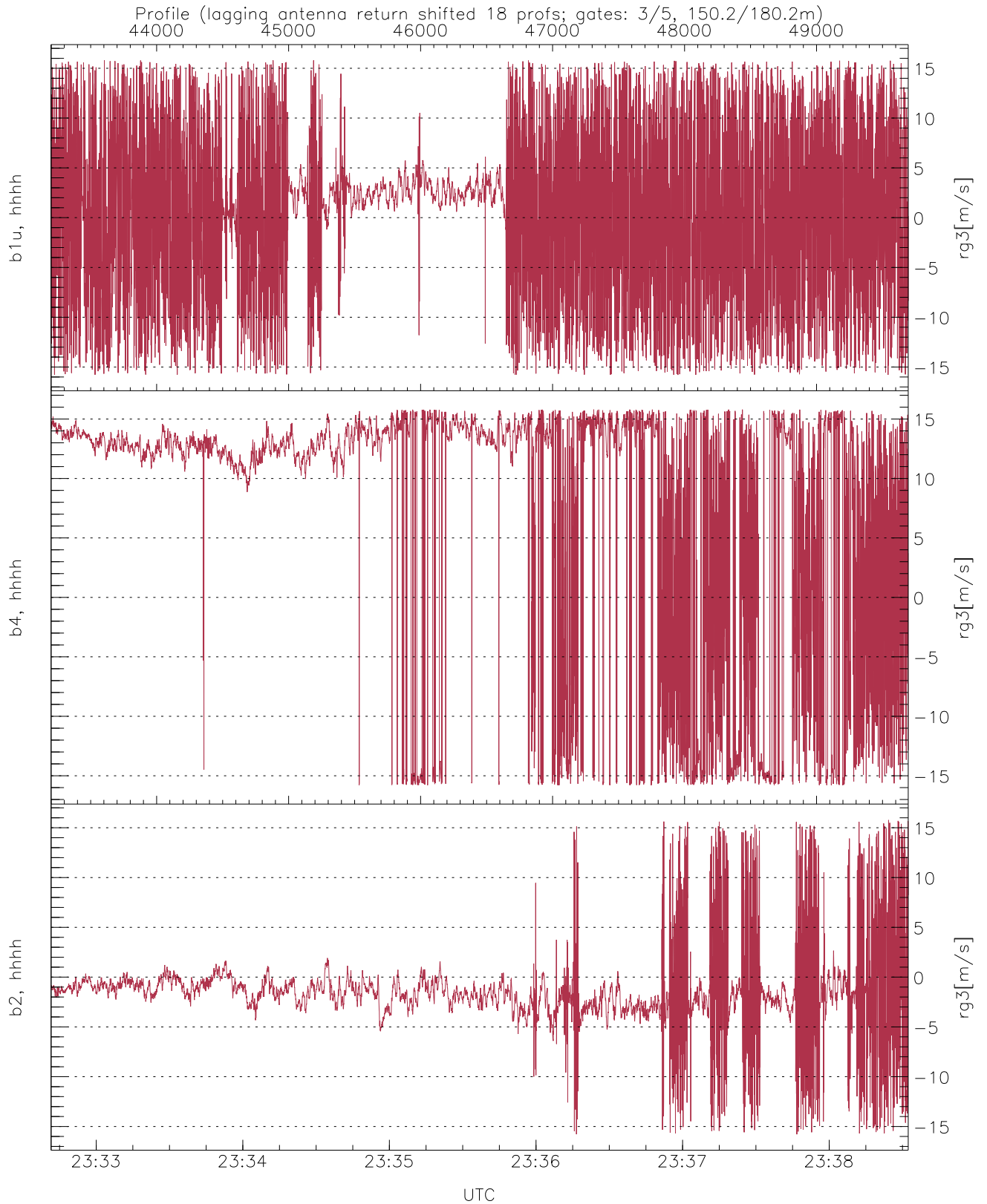
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.50	-11.45	-31.14
down-fore(hh[dBm])	-63.79	-18.12	-30.68
down(hh[dBm])	-64.03	-12.99	-25.59



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

	Min	Max	Mean
up/down (dB)	-45.61	9.67	-18.56
down/down-fore (dB)	-22.12	35.23	4.21



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.79	15.80	0.67	7.88
b4, hhhh(rg3[m/s])	-15.80	15.80	7.73	10.36
b2, hhhh(rg3[m/s])	-15.79	15.77	-1.49	3.84