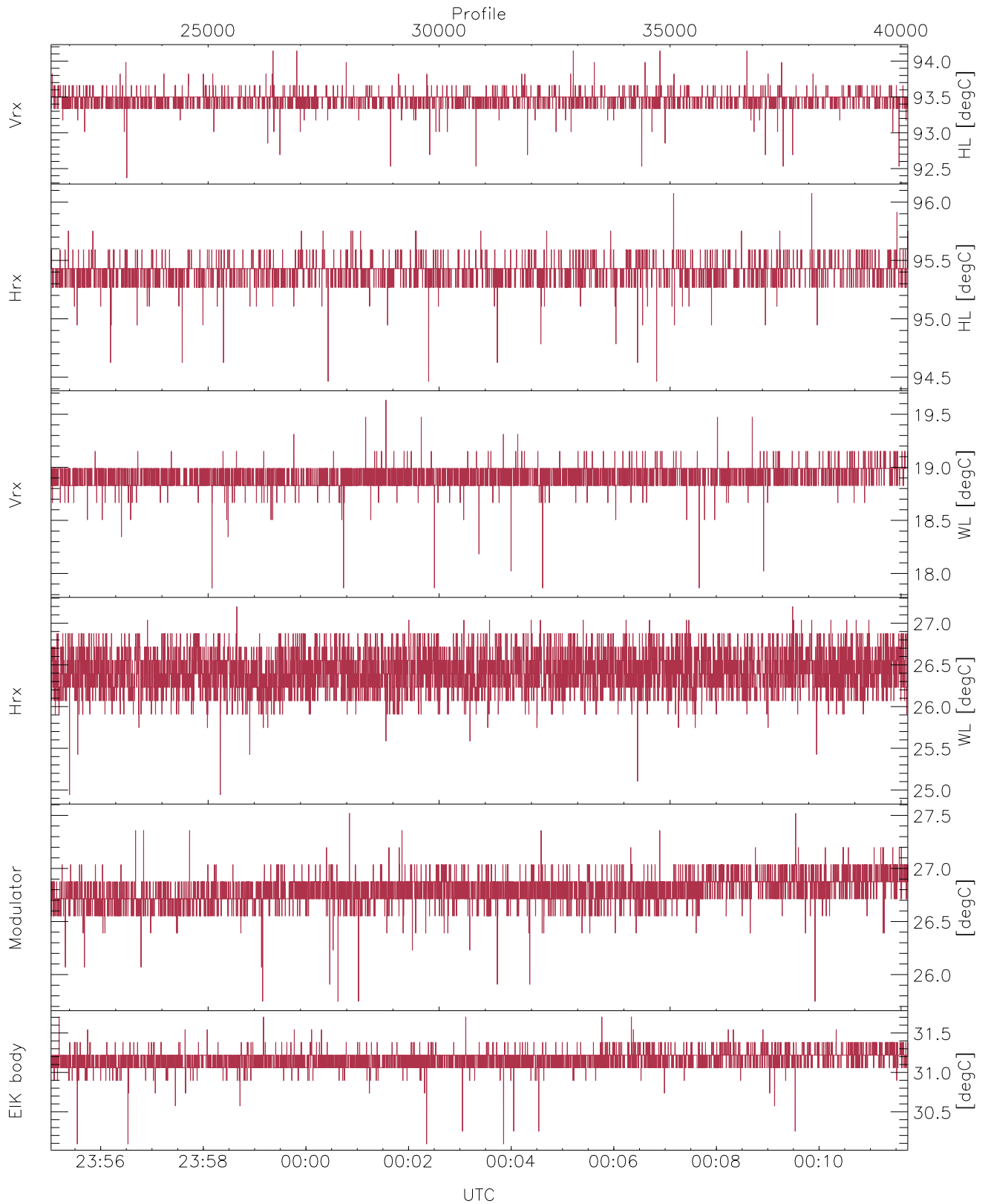


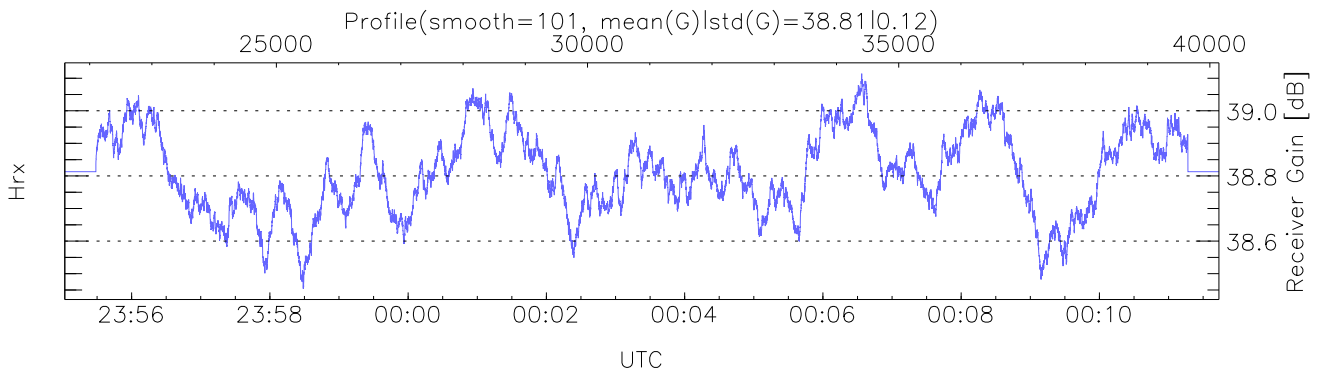
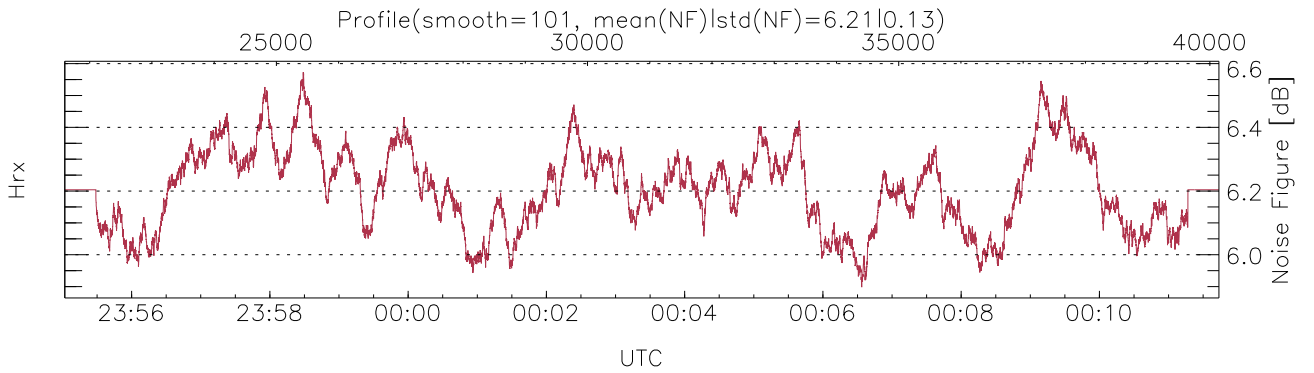
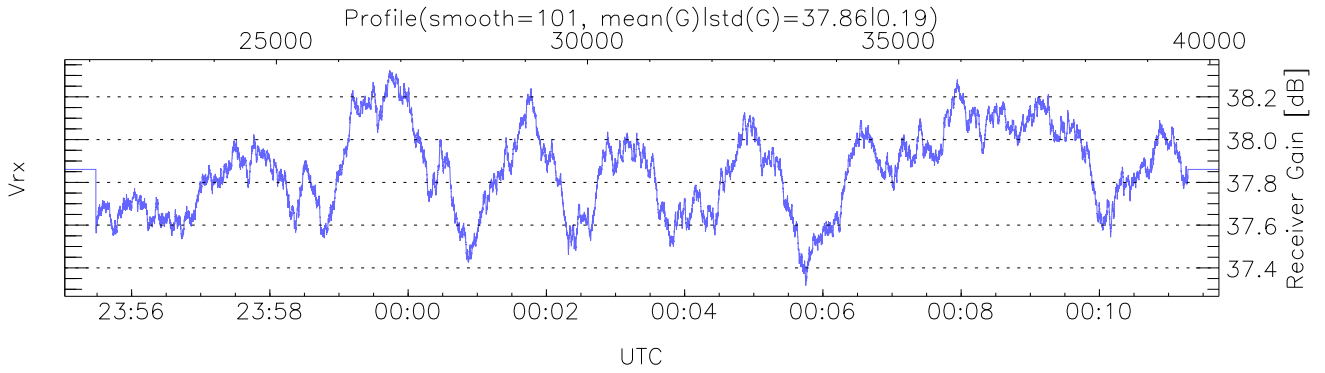
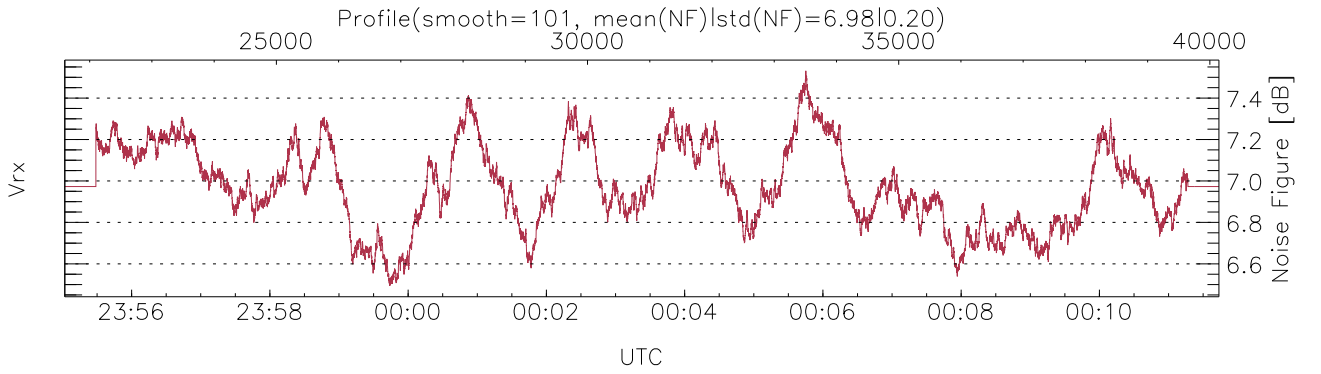
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:35:35-00:11:44, Dur: 2168.43s
 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): 18547/40147, 21600-40146/23:55:02-00:11:44
 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



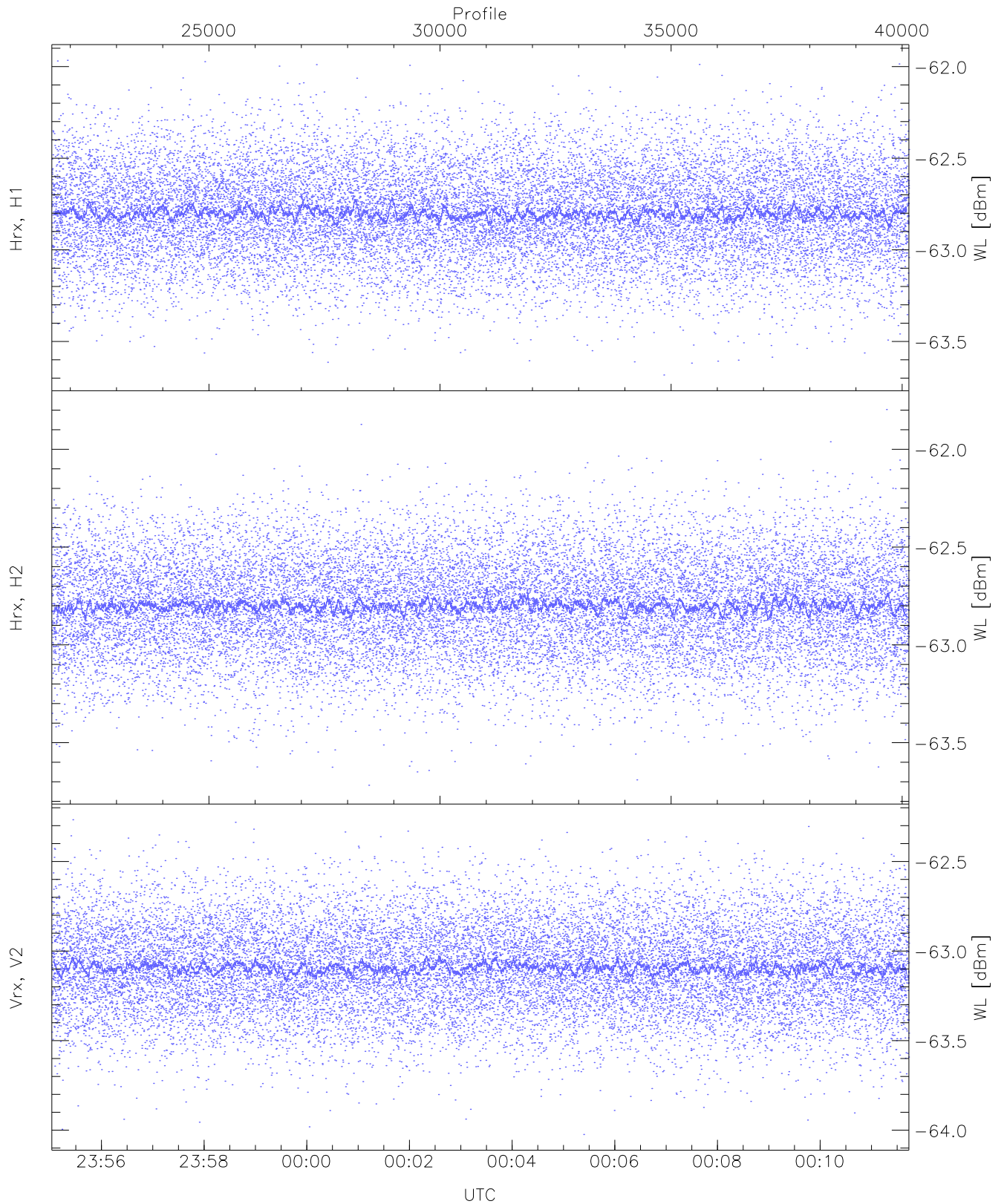
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,17,24,25,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,19,27,27,31
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty (10,10,10,10,6)



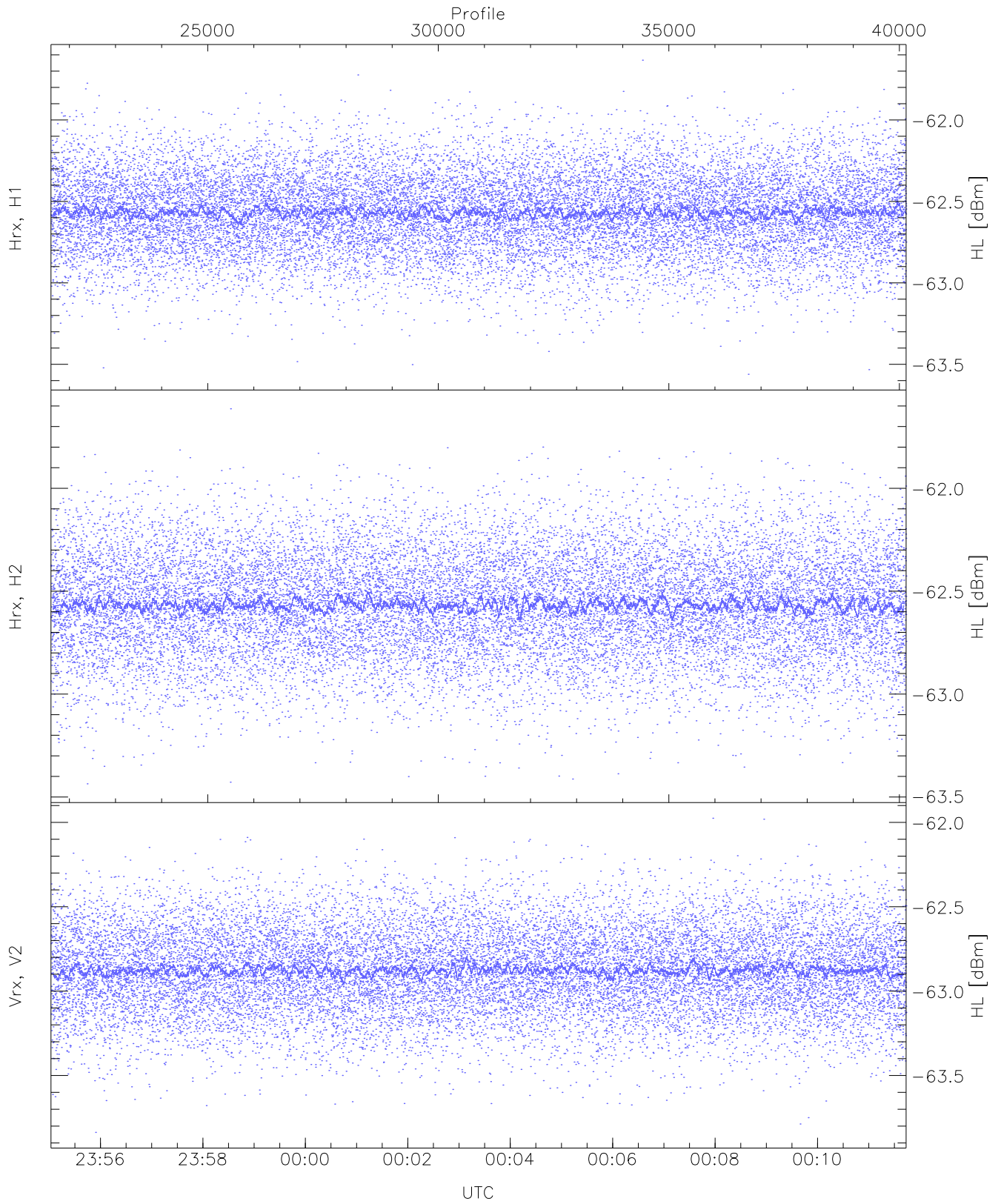
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 133 pixs, 24 gates, 130 profs, 1 prods



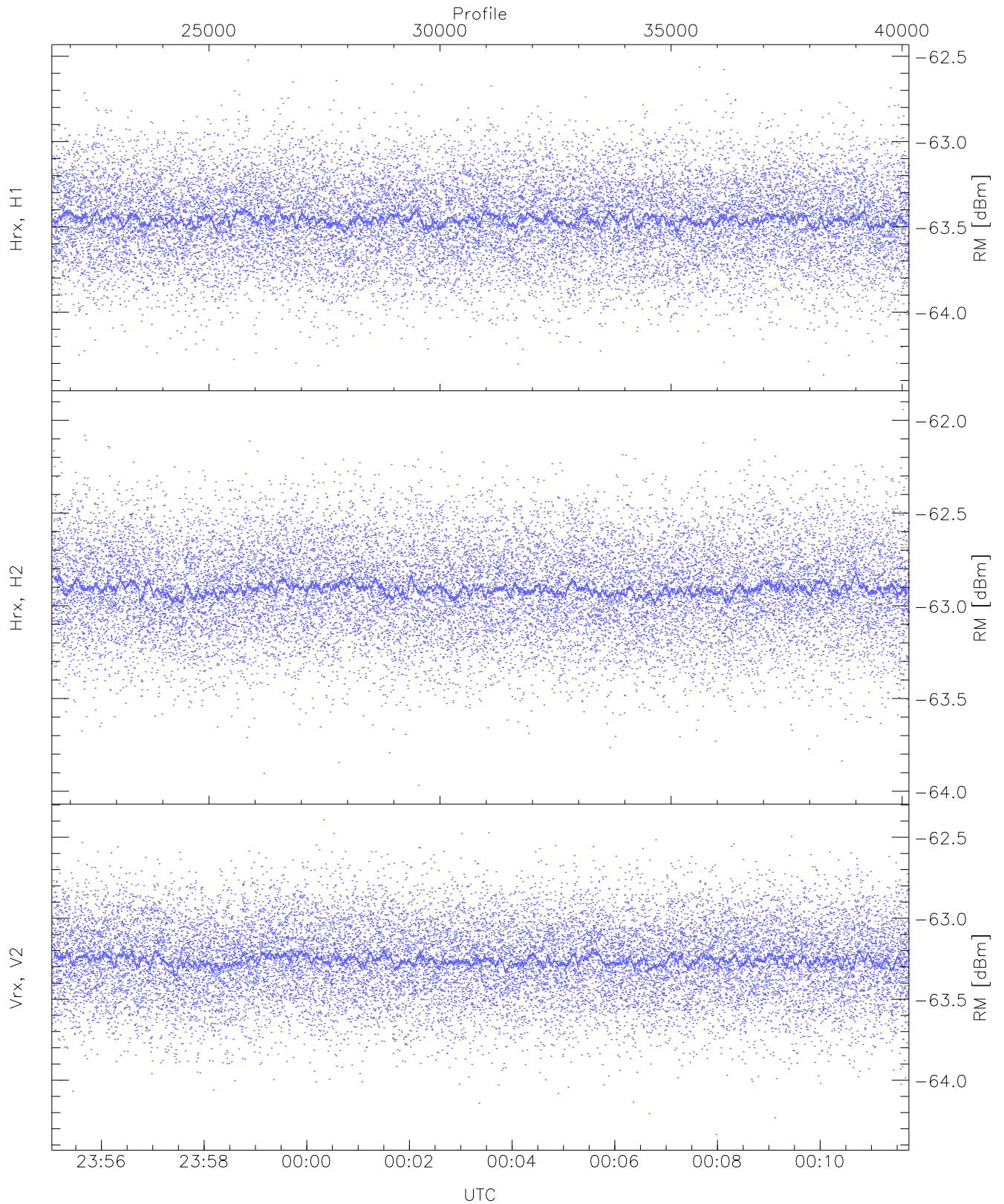
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.68	-61.97	-62.80	-62.80	-75.52
Hrx, H2 (WL [dBm])	-63.72	-61.80	-62.80	-62.80	-75.51
Vrx, V2 (WL [dBm])	-64.02	-62.27	-63.09	-63.10	-75.81



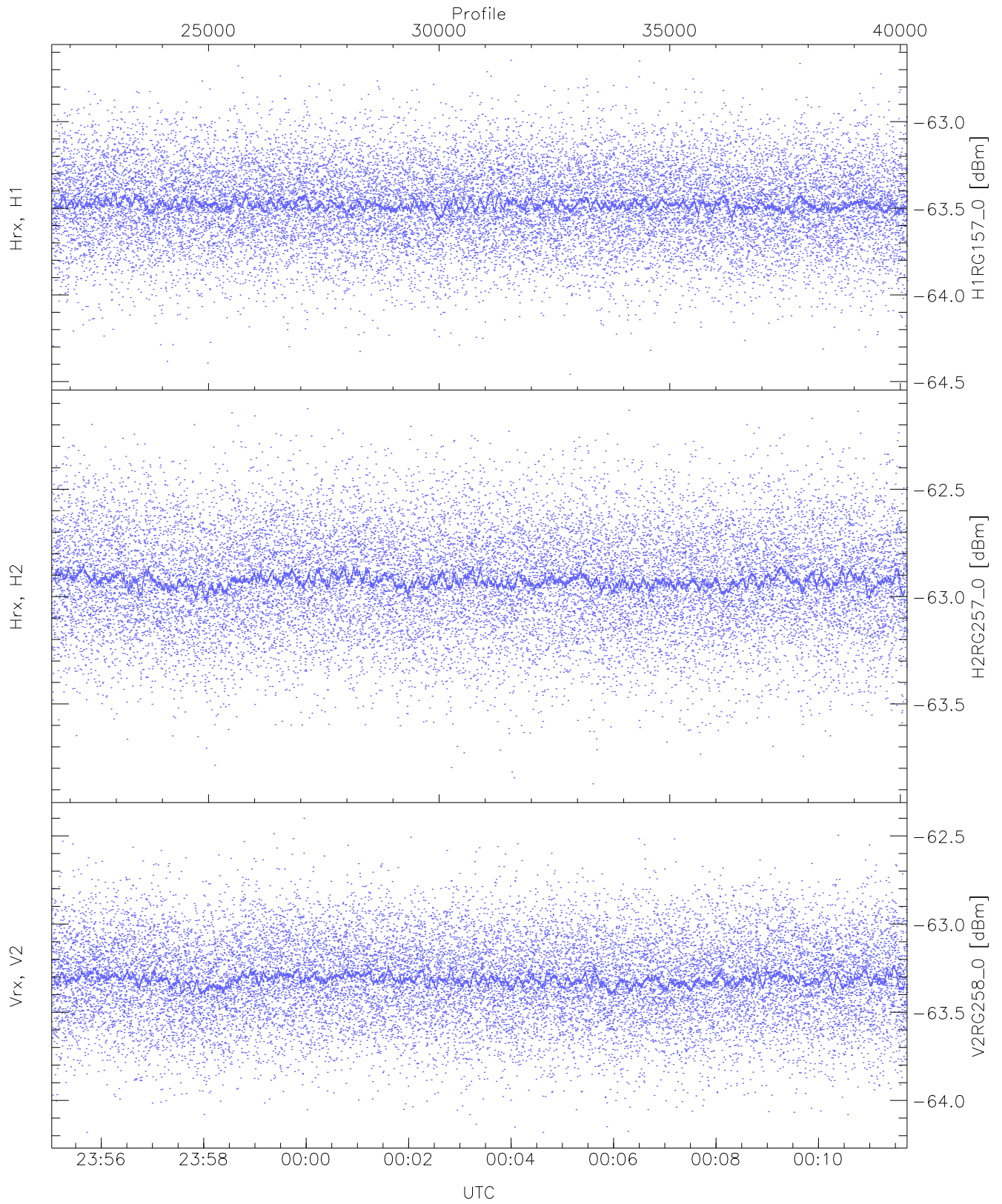
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.56	-61.63	-62.57	-62.57	-75.32
Hrx, H2 (HL [dBm])	-63.44	-61.61	-62.56	-62.57	-75.28
Vrx, V2 (HL [dBm])	-63.84	-61.98	-62.87	-62.88	-75.56



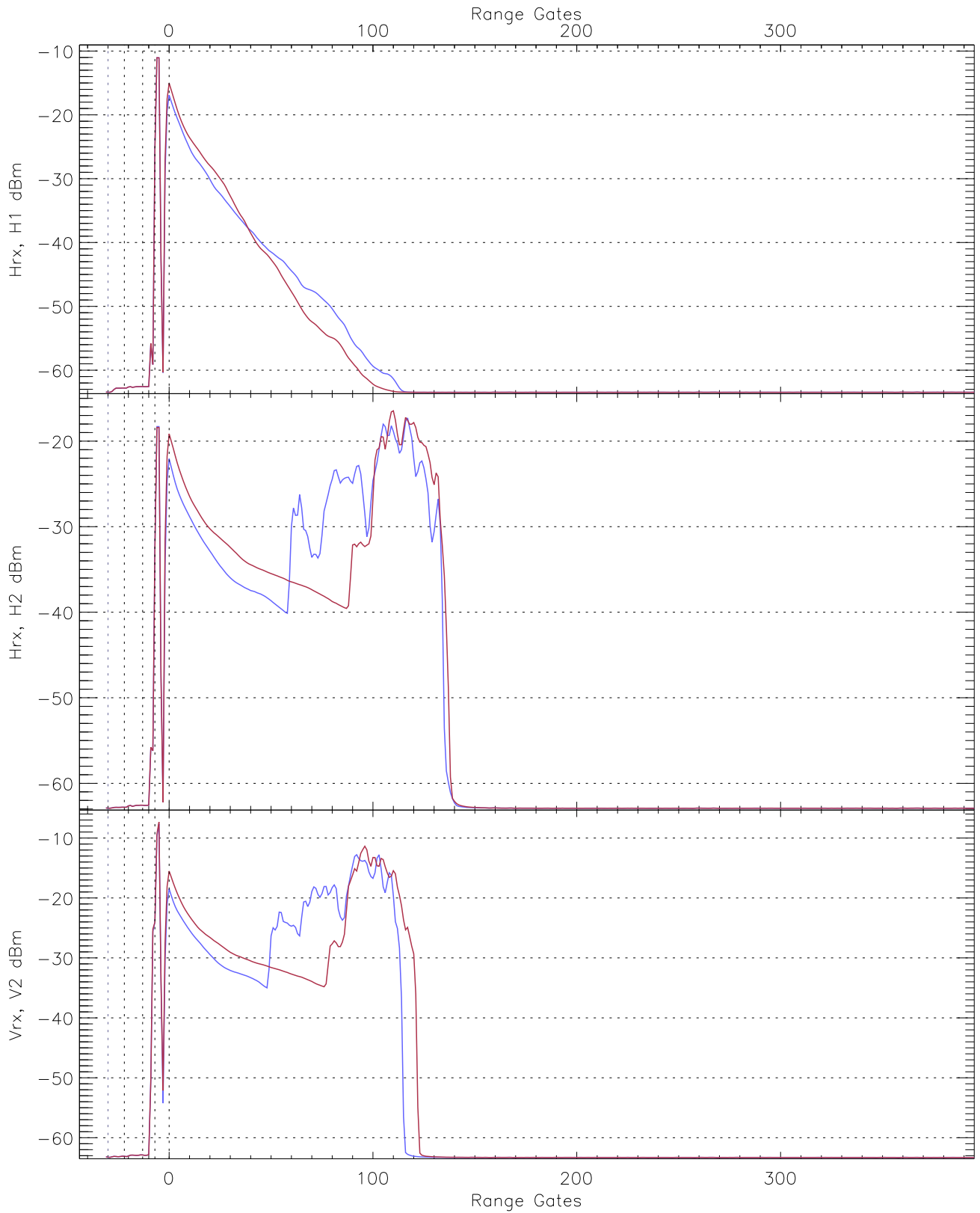
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.37	-62.52	-63.45	-63.46	-76.16
Hrx, H2 (RM [dBm])	-63.97	-61.94	-62.91	-62.91	-75.54
Vrx, V2 (RM [dBm])	-64.34	-62.39	-63.26	-63.26	-75.98

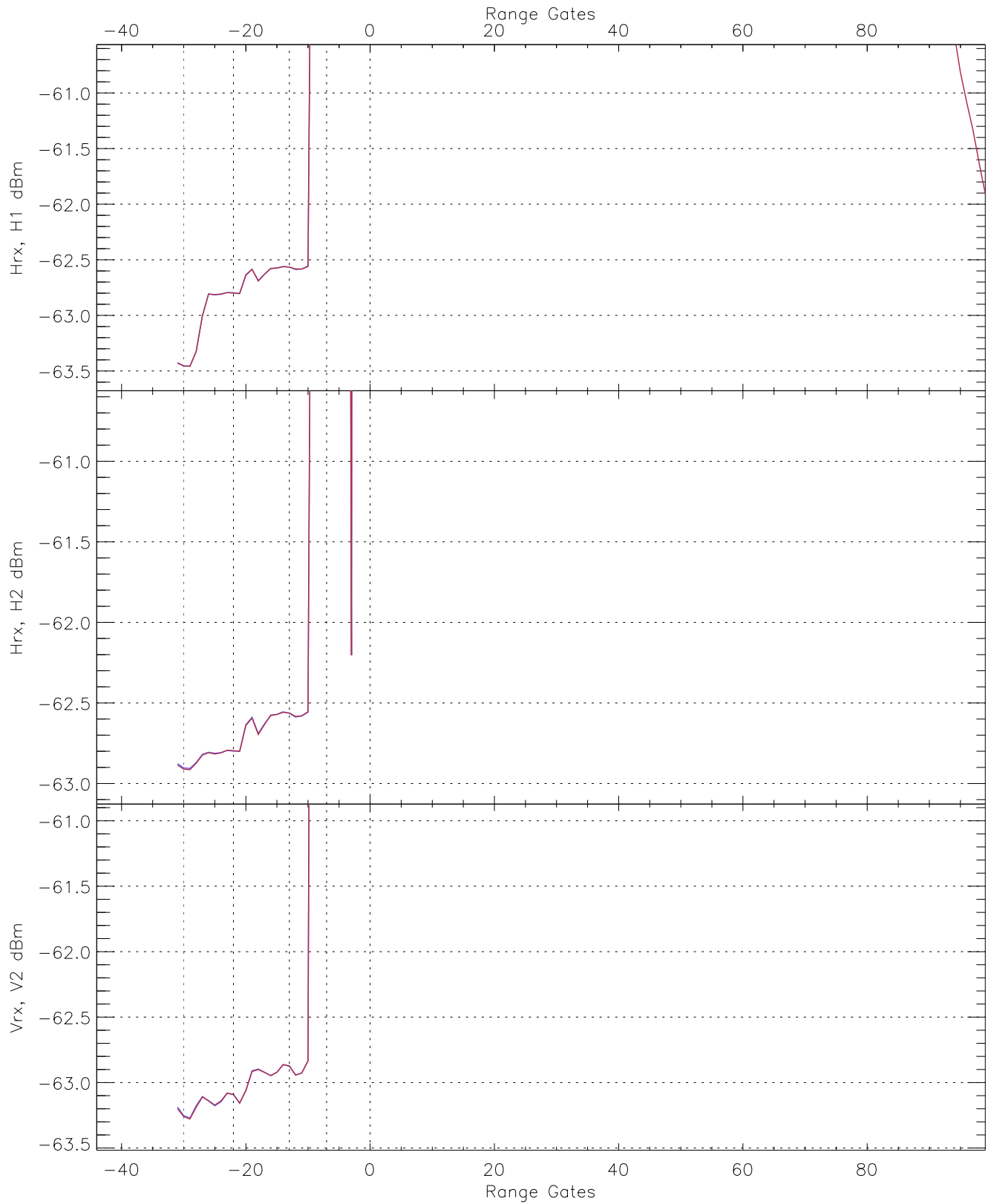


WCR2 CPP "Best" estimate Receivers Noise Power

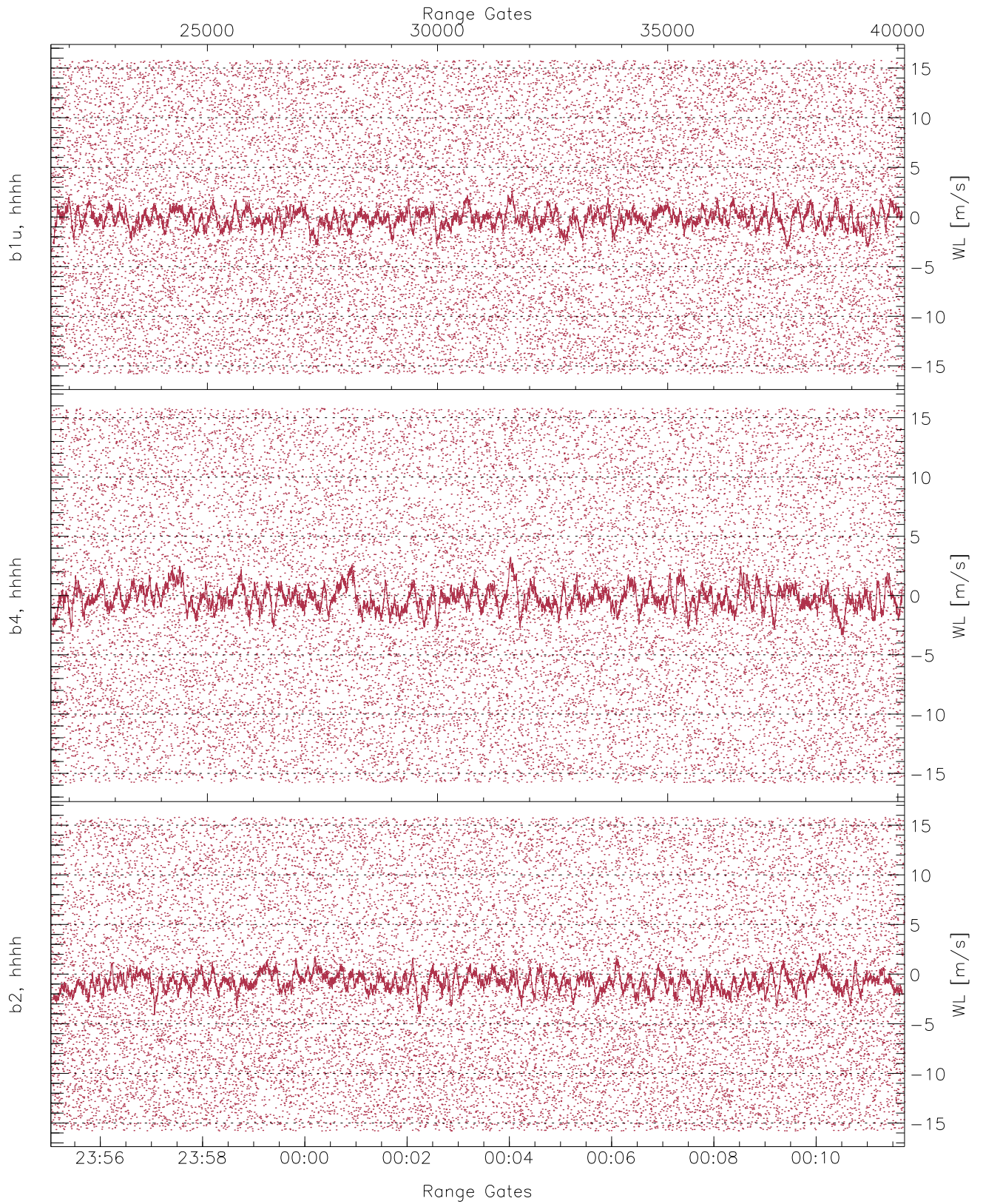
	Min	Max	Mean	Median	StDev
H1RG157_0 [dBm]	-64.46	-62.65	-63.48	-63.48	-76.22
H2RG257_0 [dBm]	-63.87	-62.13	-62.92	-62.93	-75.65
V2RG258_0 [dBm]	-64.18	-62.40	-63.31	-63.32	-75.97



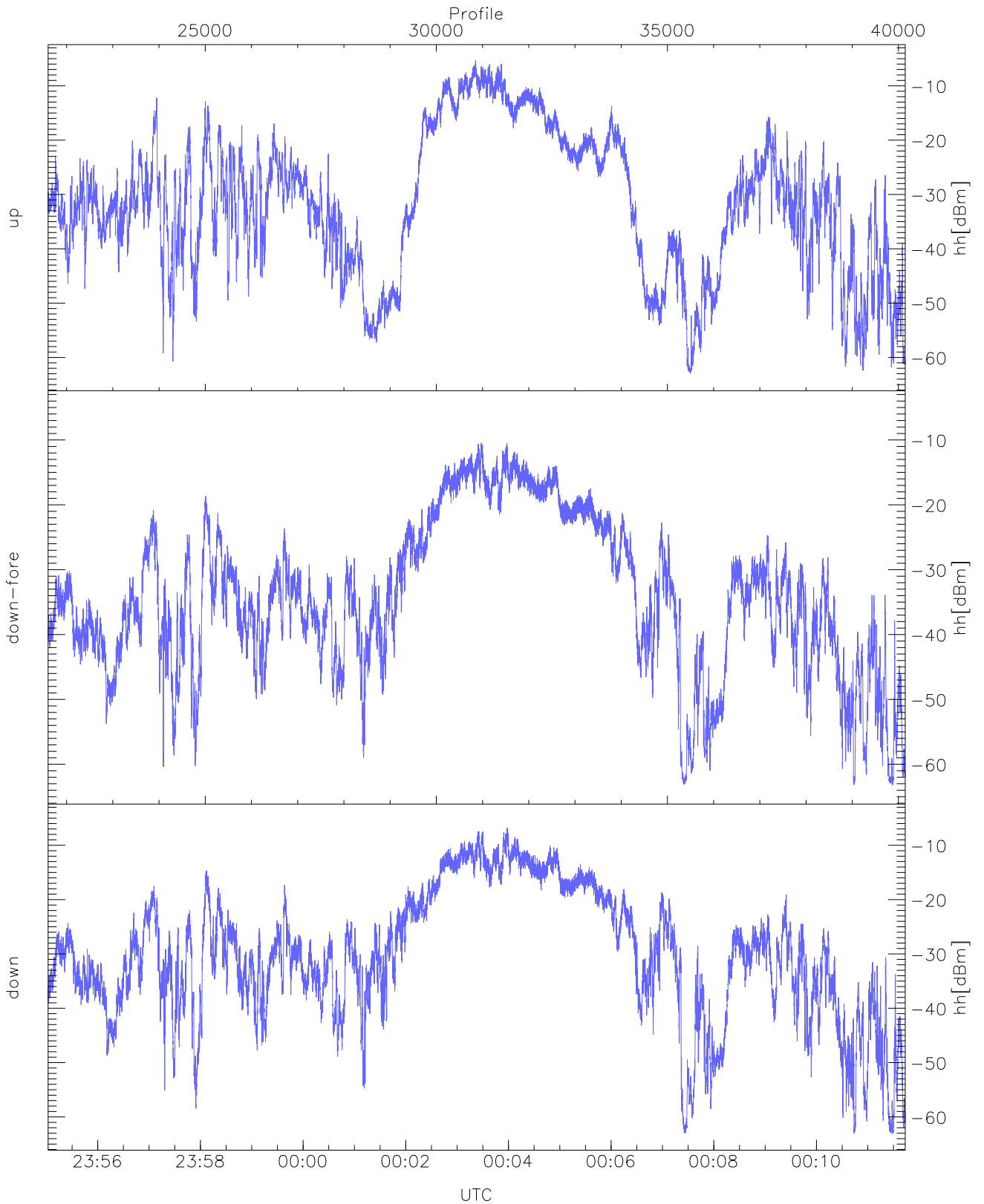
WCR2 CPP Averaged Received power for all recorded gates
blue: 235502-240323, 9274 profiles averaged
red: 240323-001144, 9274 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 235502-240323, 9274 profiles averaged
red: 240323-001144, 9274 profiles averaged

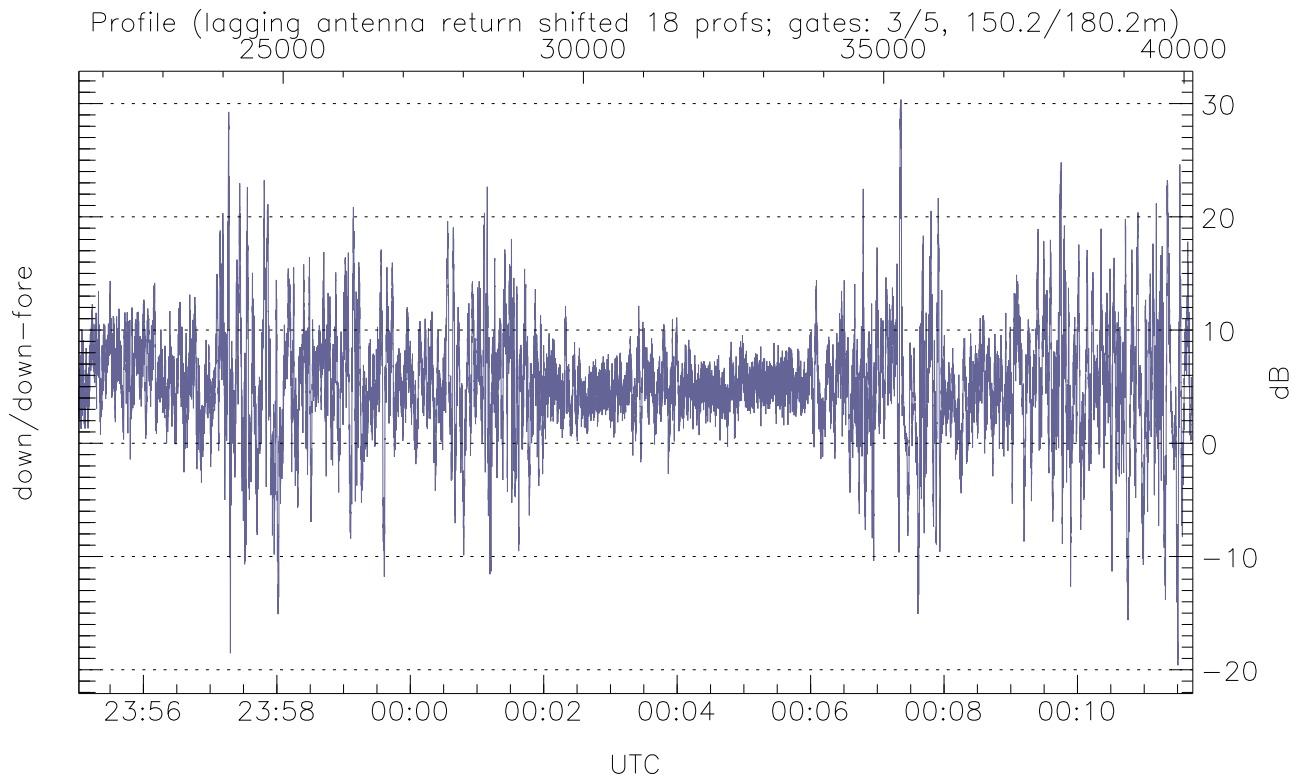
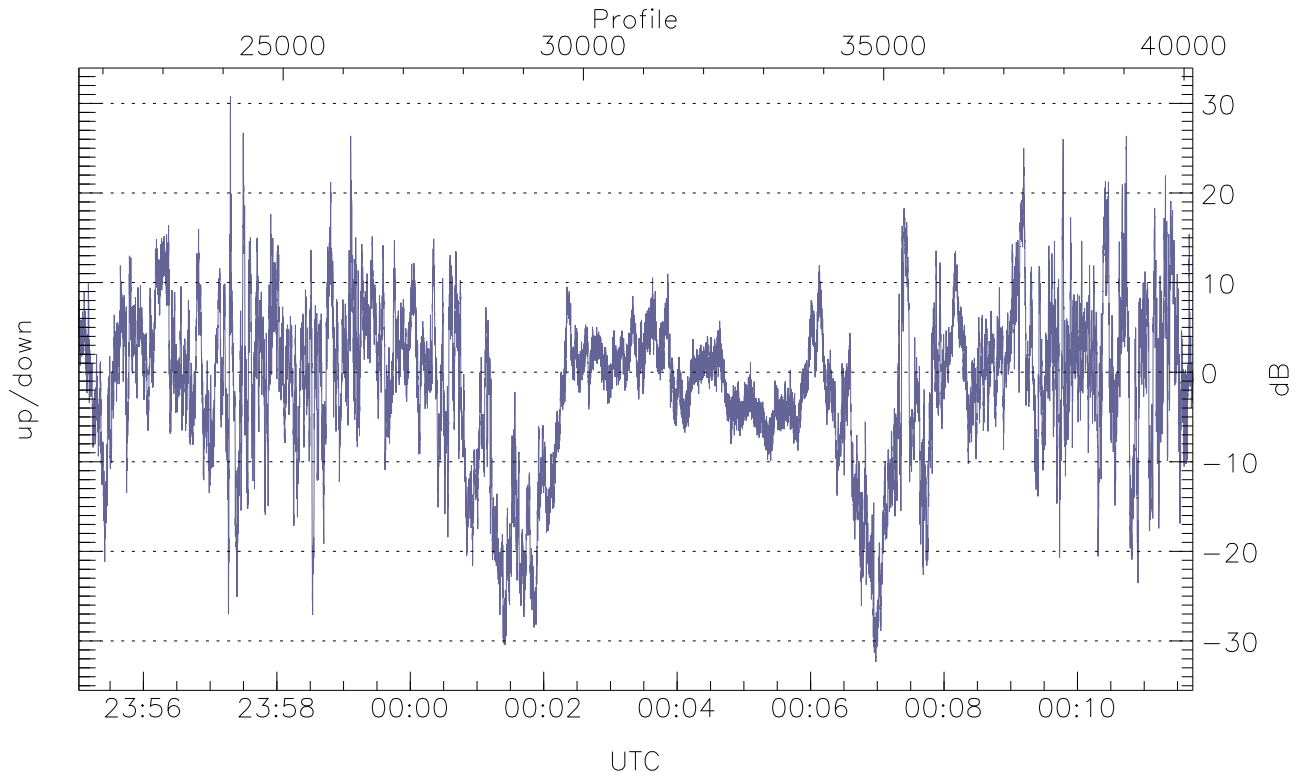


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



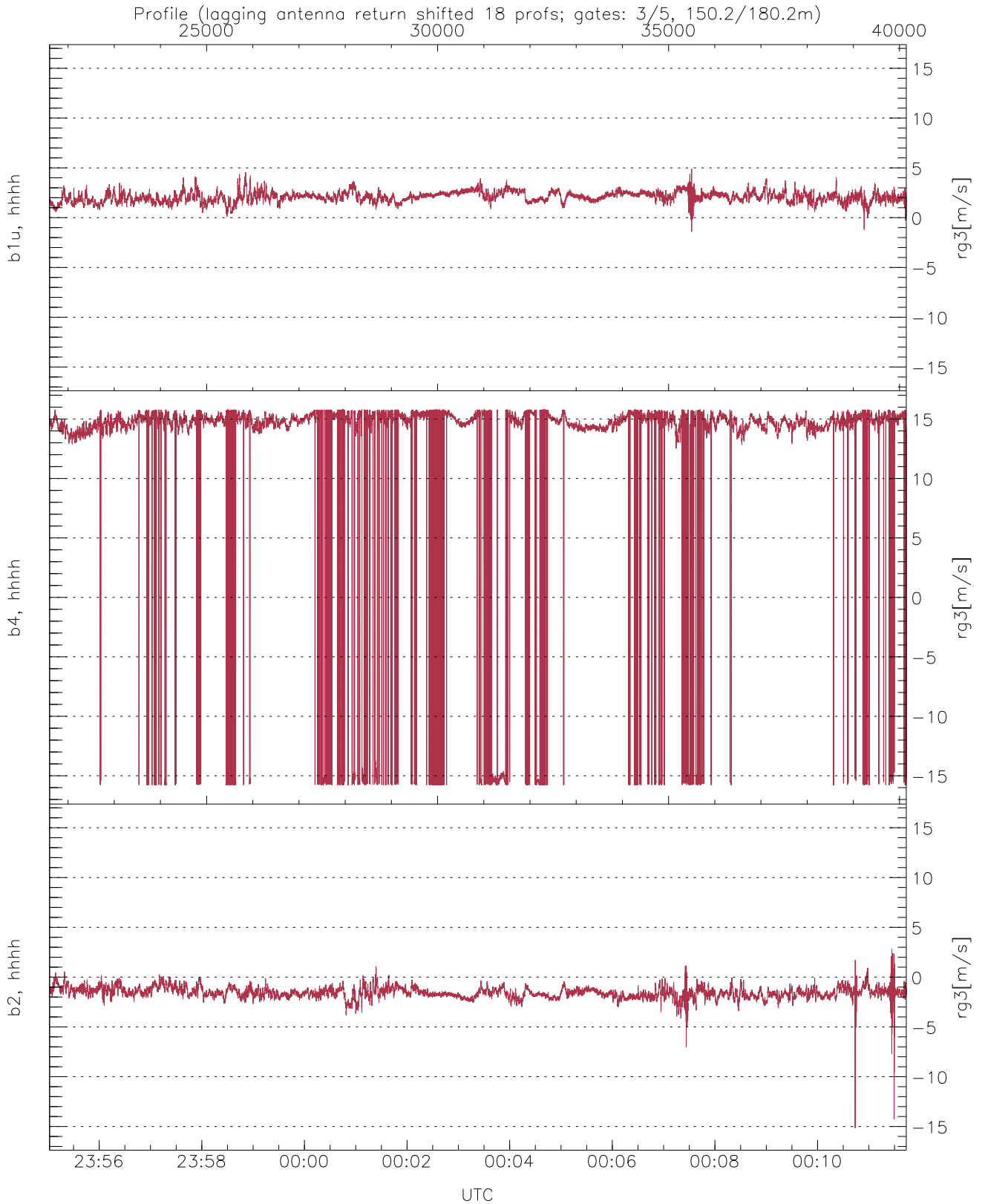
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-62.97	-5.31	-18.90
down-fore(hh[dBm])	-63.23	-10.45	-23.01
down(hh[dBm])	-63.09	-6.80	-19.65



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

	Min	Max	Mean
up/down (dB)	-32.36	30.79	-1.42
down/down-fore (dB)	-19.60	30.36	5.24



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-1.42	4.91	2.09	0.52
b4, hhhh(rg3[m/s])	-15.80	15.80	11.30	9.77
b2, hhhh(rg3[m/s])	-15.15	2.83	-1.56	0.57