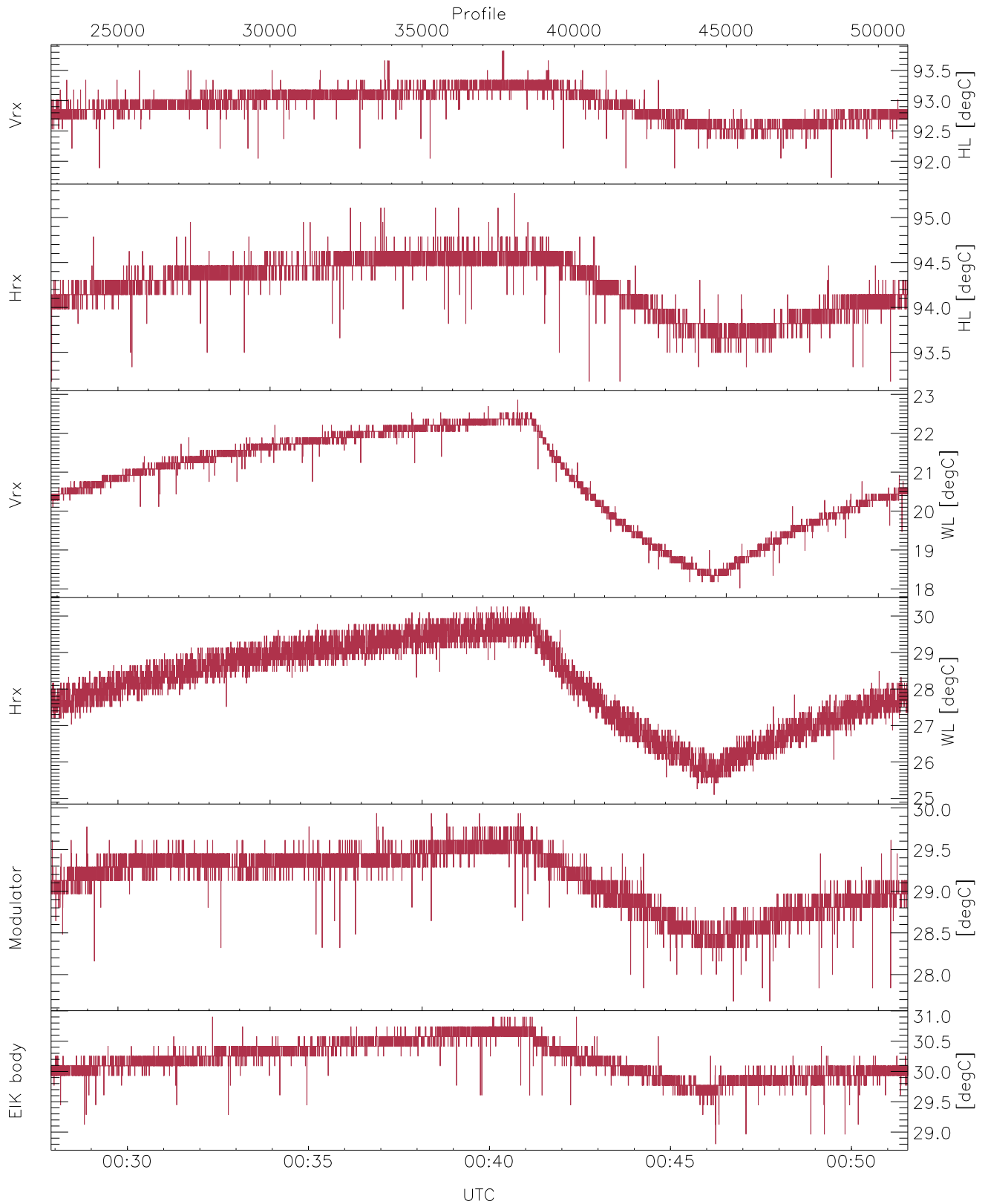


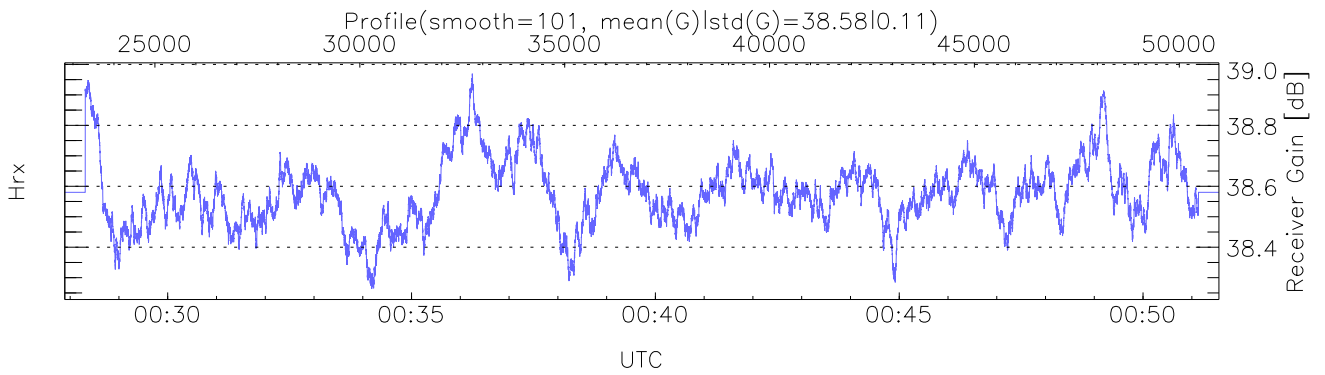
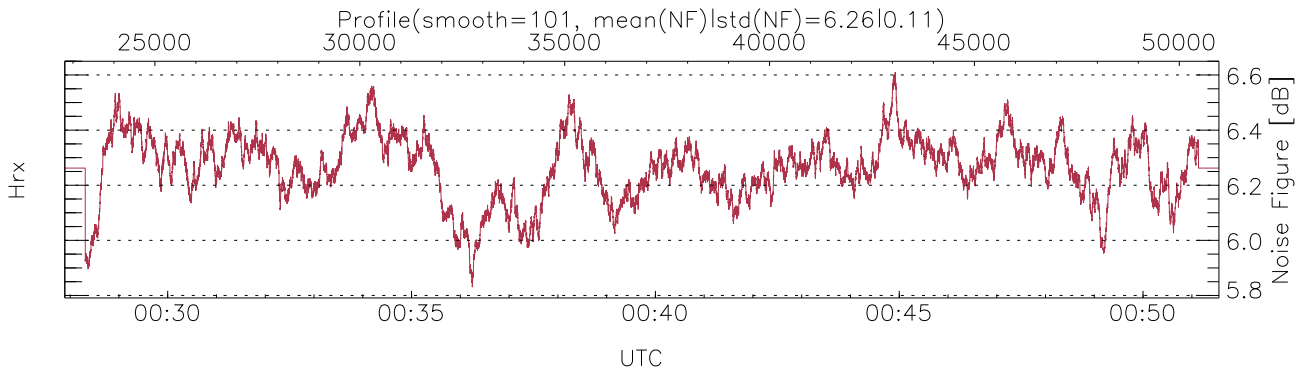
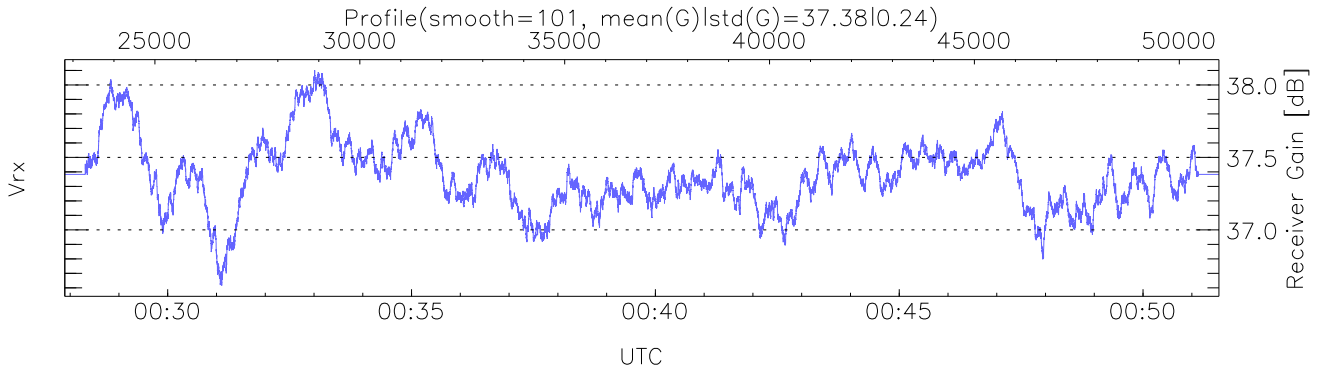
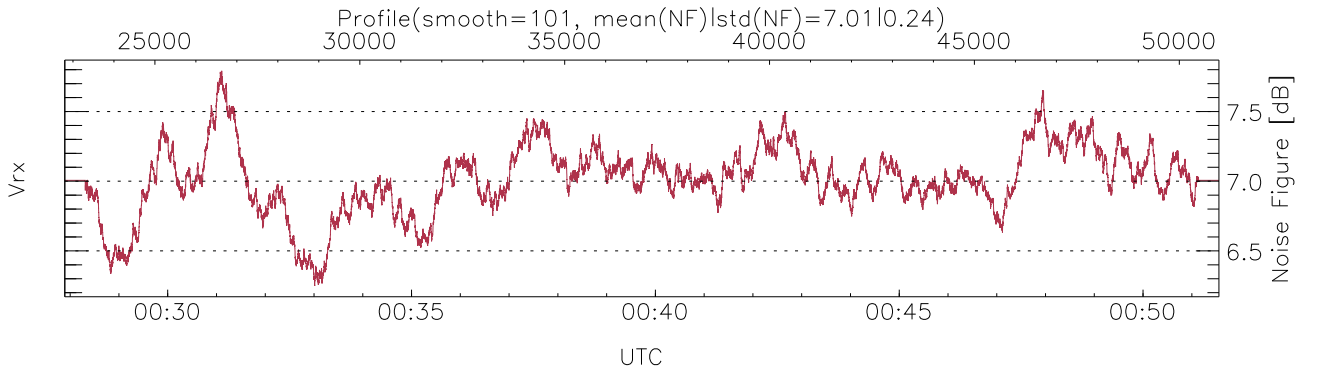
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:08:44-00:51:33, Dur: 2569.43s
 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): 28169/50969, 22800-50968/00:27:53-00:51:33
 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



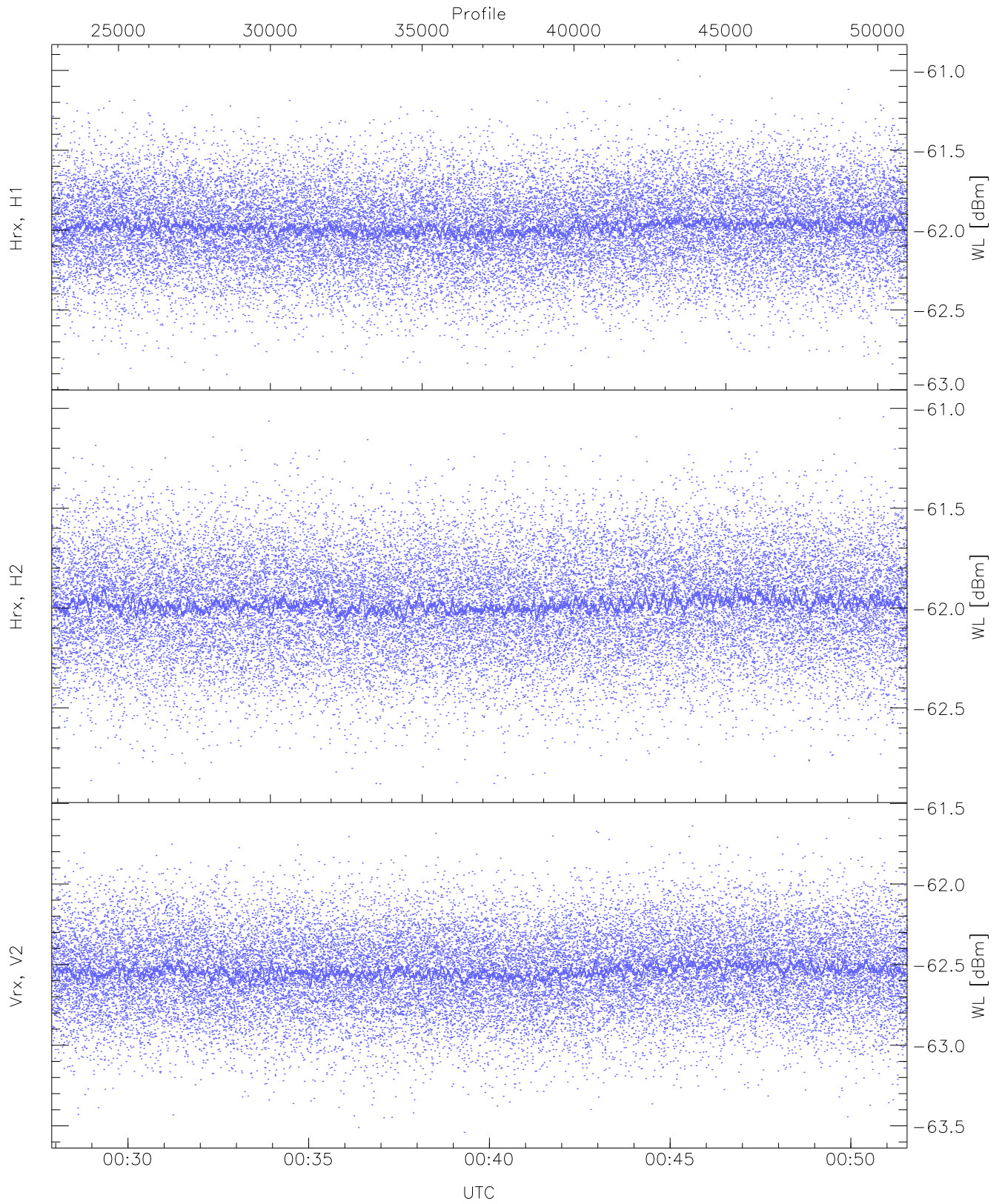
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,18,25,27,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,29,30
 LOalarm(20,80,240,2.8,14.8 MHz): 11,0,0,0,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (15,15,20,20,20,26)



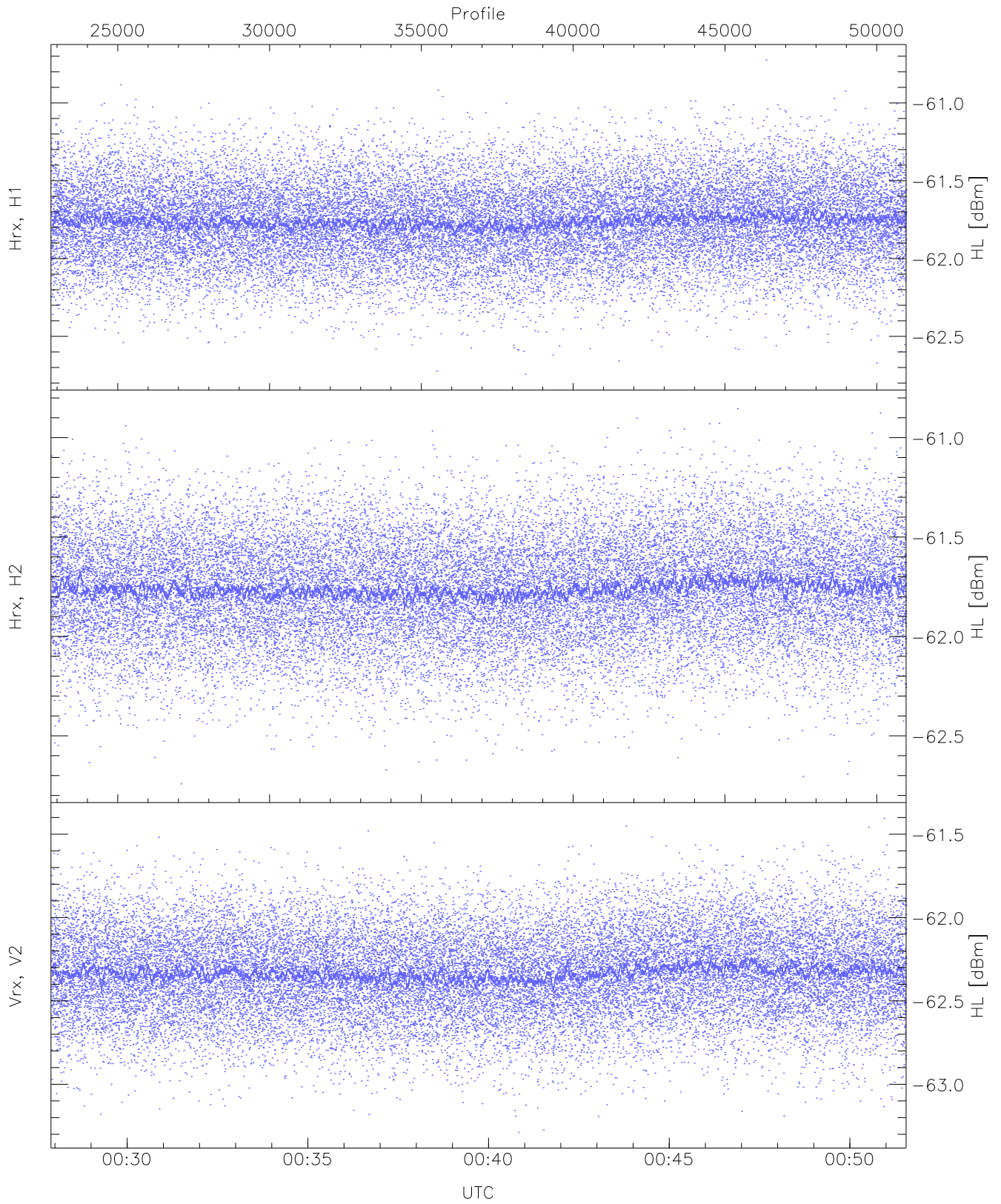
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 17063 pixs, 9 gates, 17021 profs, 1 prods



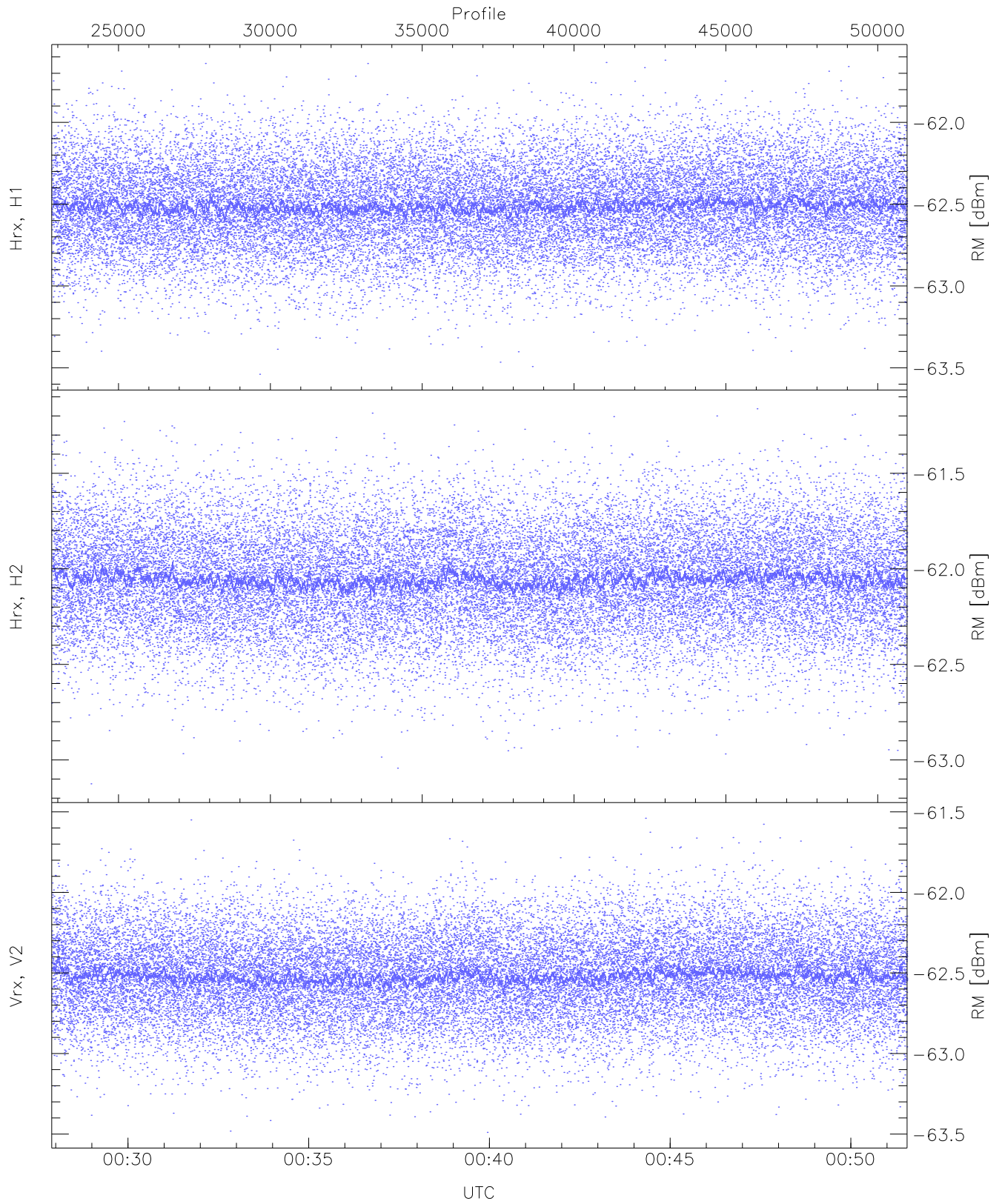
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.90	-60.94	-61.98	-61.98	-74.54
Hrx, H2 (WL [dBm])	-62.88	-61.00	-61.98	-61.98	-74.56
Vrx, V2 (WL [dBm])	-63.54	-61.59	-62.54	-62.54	-75.11



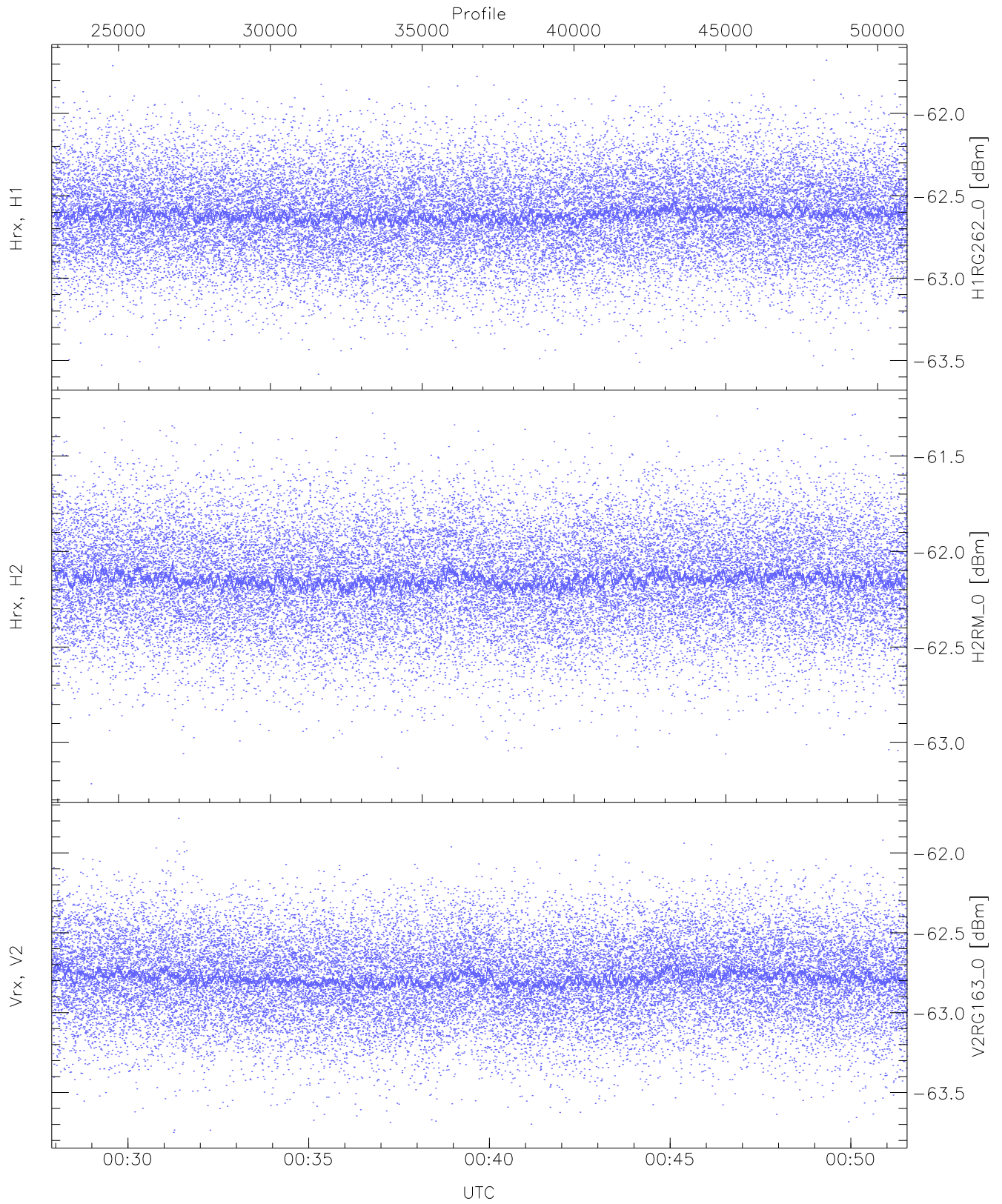
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.74	-60.73	-61.76	-61.76	-74.33
Hrx, H2 (HL [dBm])	-62.74	-60.85	-61.76	-61.76	-74.32
Vrx, V2 (HL [dBm])	-63.29	-61.40	-62.33	-62.34	-74.89



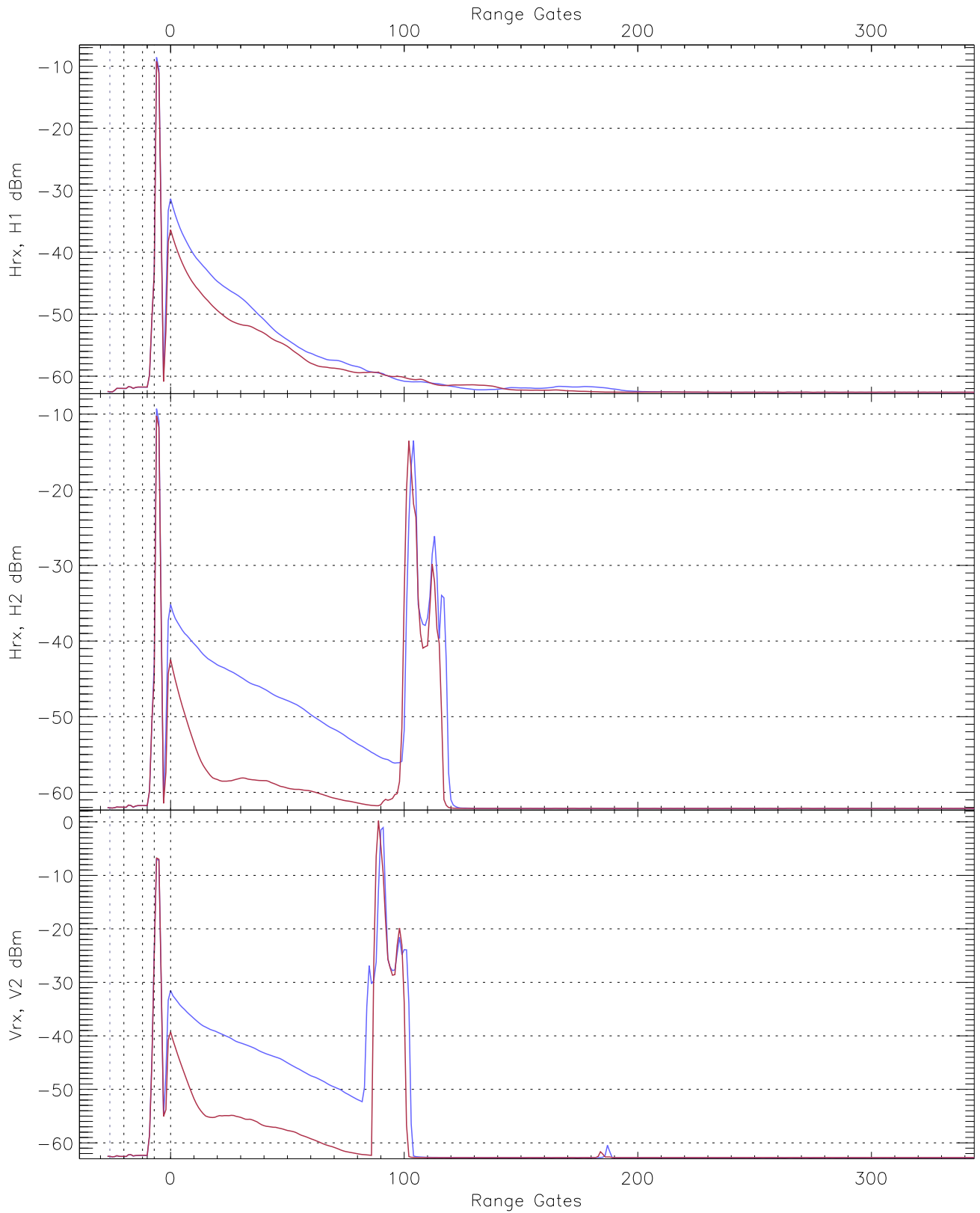
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.54	-61.62	-62.51	-62.52	-75.07
Hrx, H2 (RM [dBm])	-63.12	-61.16	-62.05	-62.06	-74.62
Vrx, V2 (RM [dBm])	-63.49	-61.54	-62.52	-62.52	-75.07

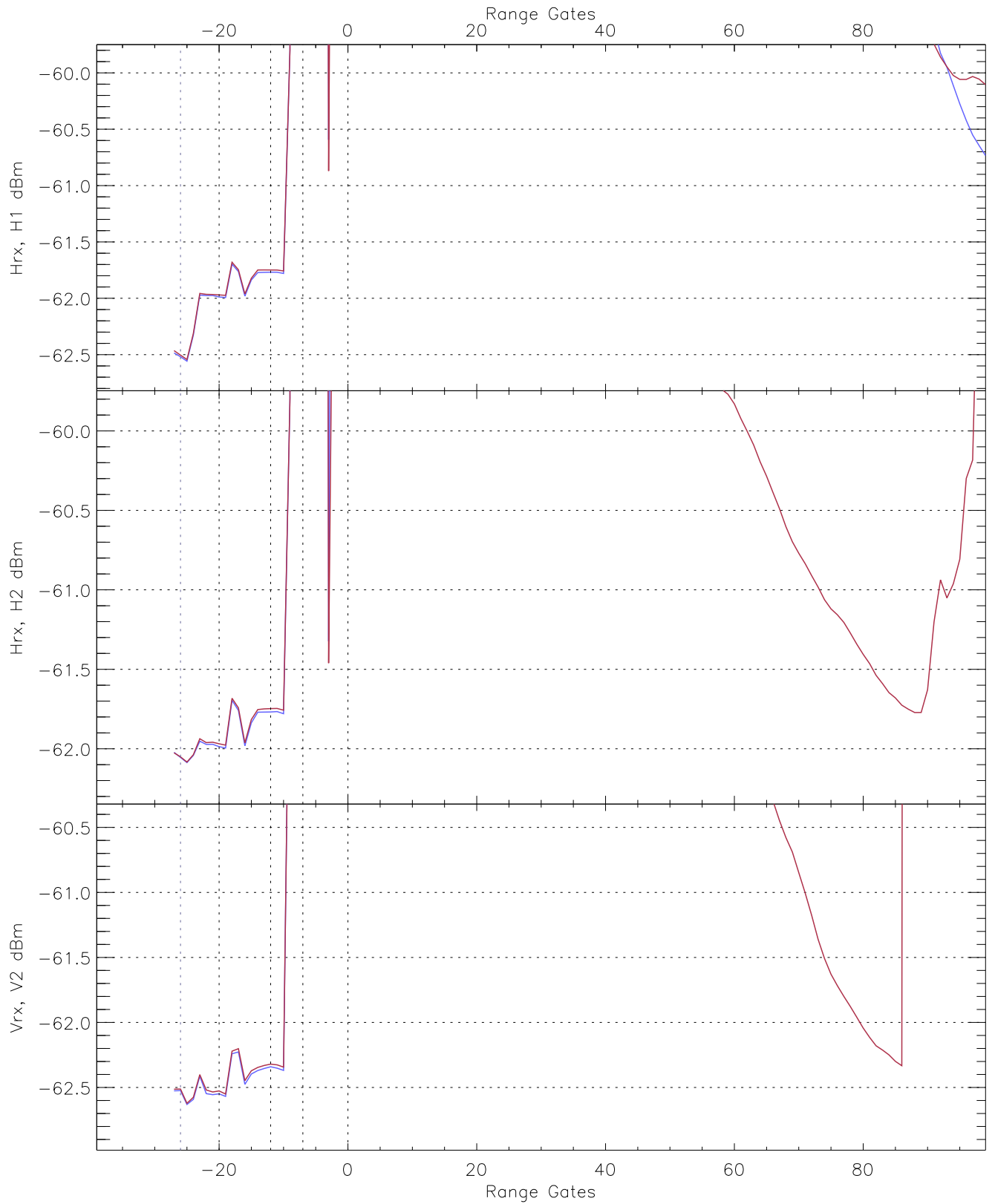


WCR2 CPP "Best" estimate Receivers Noise Power

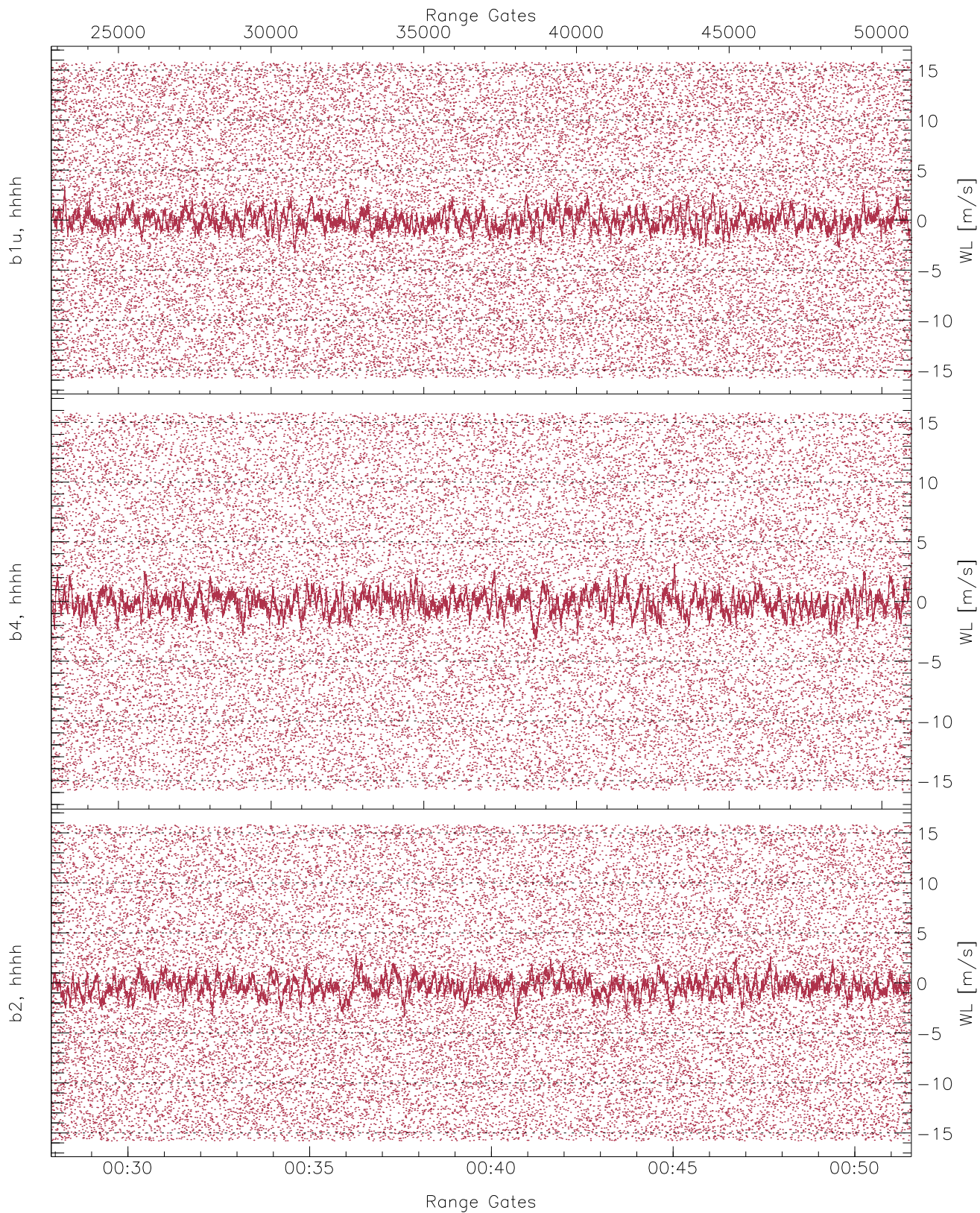
	Min	Max	Mean	Median	StDev
H1RG262_0 [dBm]	-63.58	-61.68	-62.61	-62.62	-75.17
H2RM_0 [dBm]	-63.22	-61.25	-62.14	-62.15	-74.71
V2RG163_0 [dBm]	-63.75	-61.78	-62.78	-62.79	-75.31



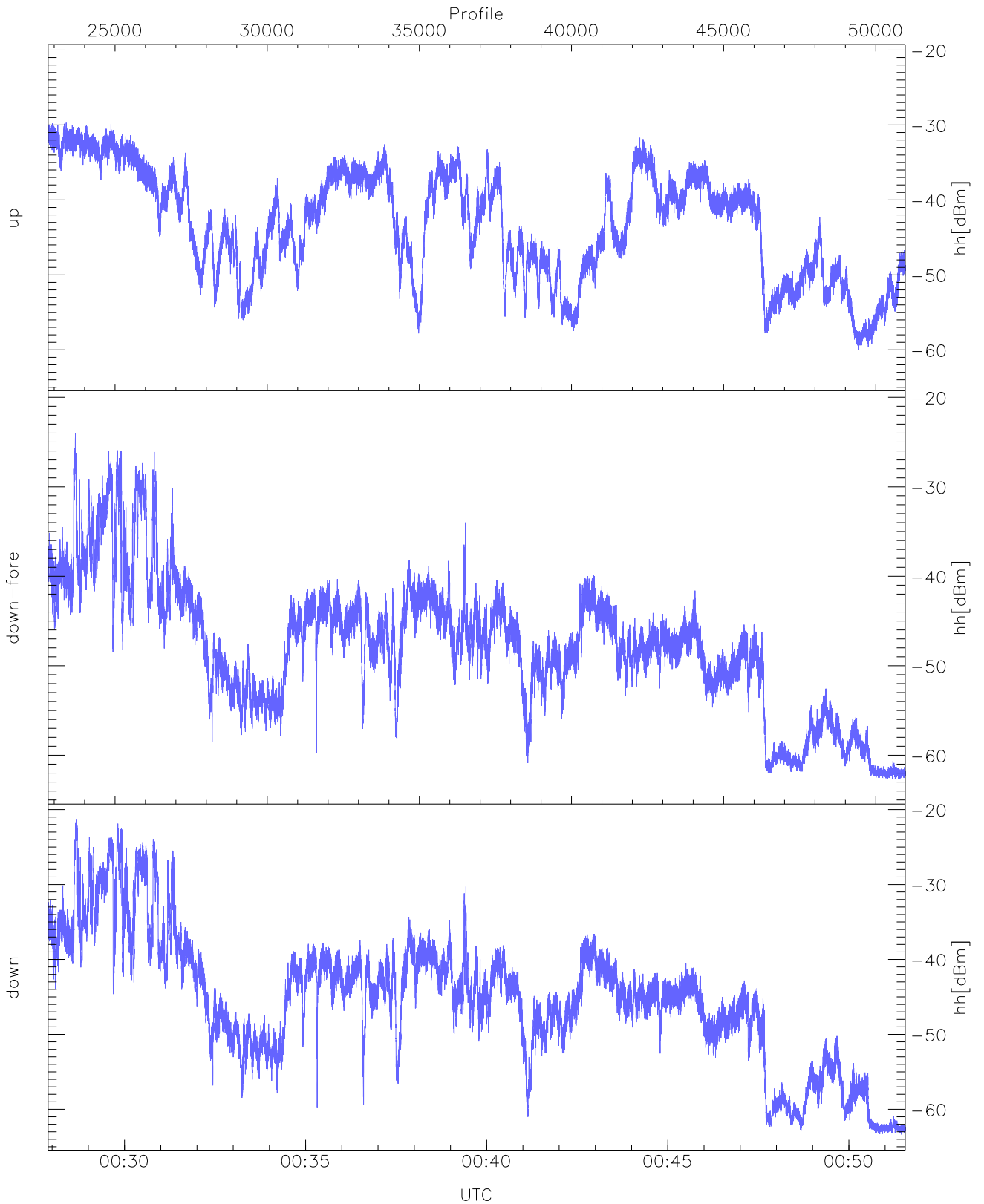
WCR2 CPP Averaged Received power for all recorded gates
blue: 002753-003943, 14085 profiles averaged
red: 003943-005133, 14085 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 002753-003943, 14085 profiles averaged
red: 003943-005133, 14085 profiles averaged

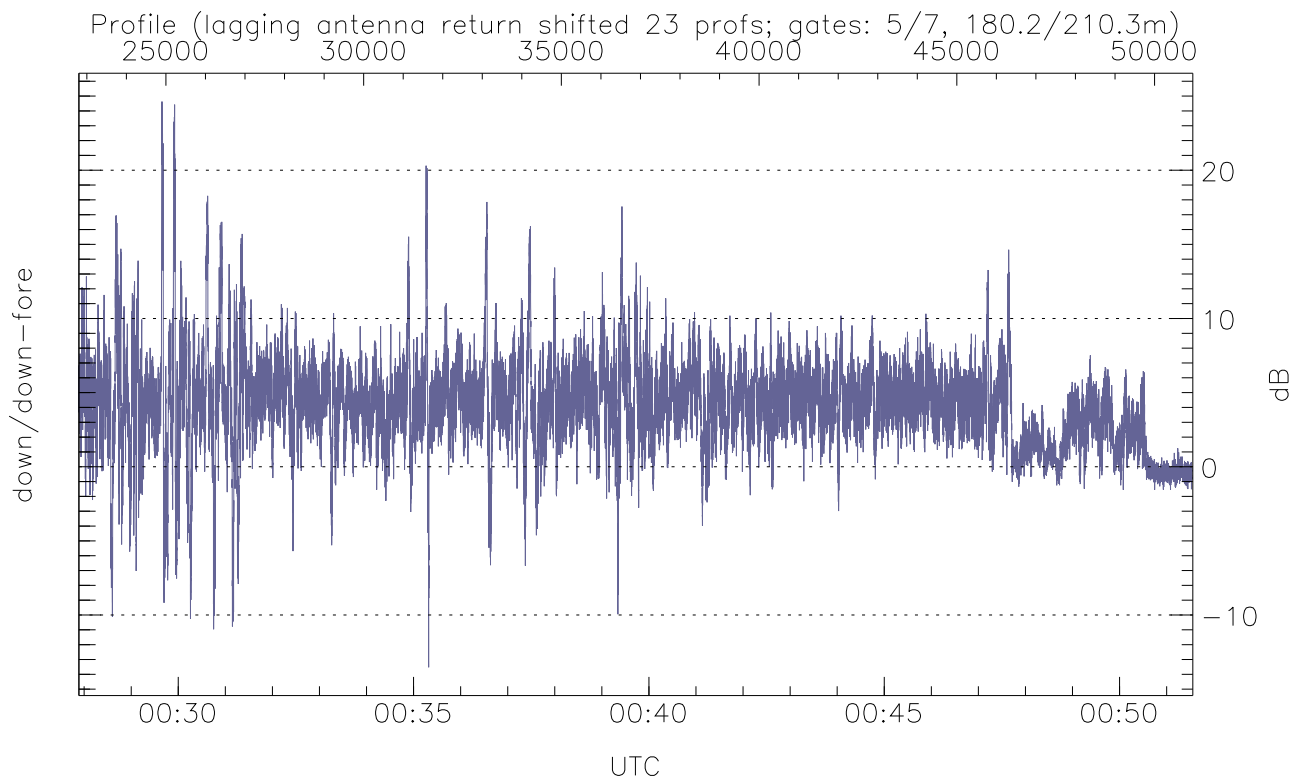
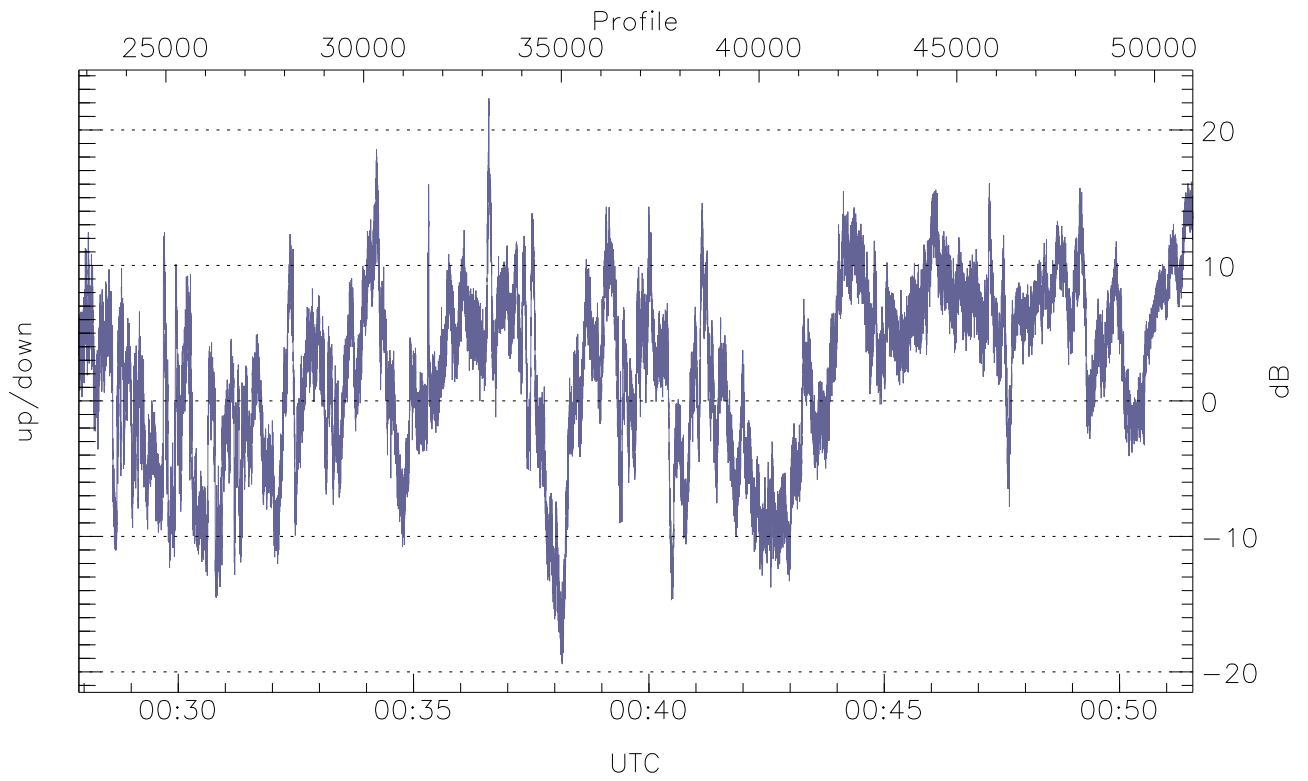


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



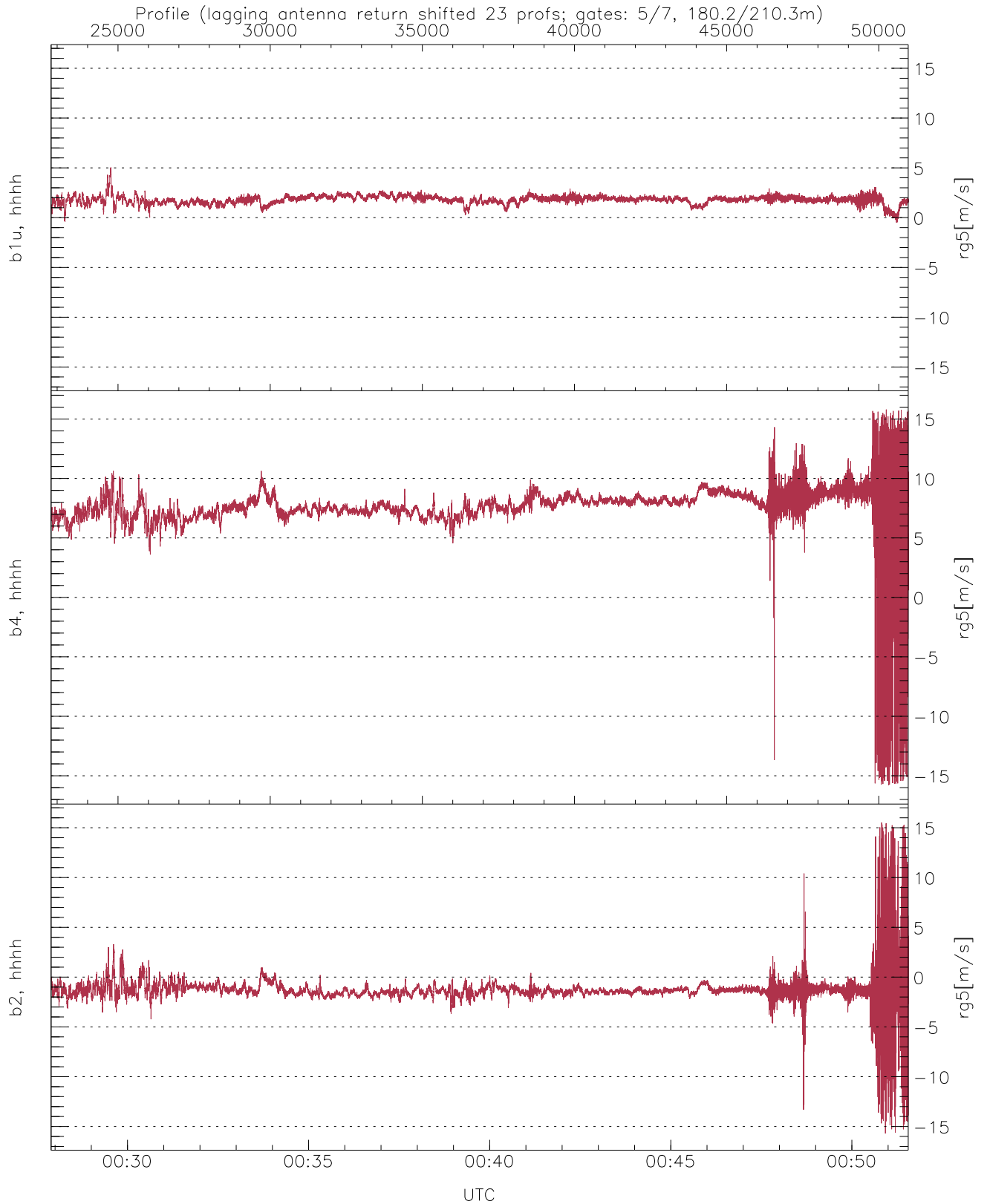
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-59.94	-29.70	-38.72
down-fore(hh[dBm])	-62.68	-24.07	-41.16
down(hh[dBm])	-63.36	-21.36	-37.38



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

	Min	Max	Mean
up/down (dB)	-19.42	22.34	2.21
down/down-fore (dB)	-13.52	24.63	4.11



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.49	5.04	1.79	0.42
b4, hhhh(rg5[m/s])	-15.78	15.80	7.61	2.05
b2, hhhh(rg5[m/s])	-15.70	15.52	-1.27	1.34