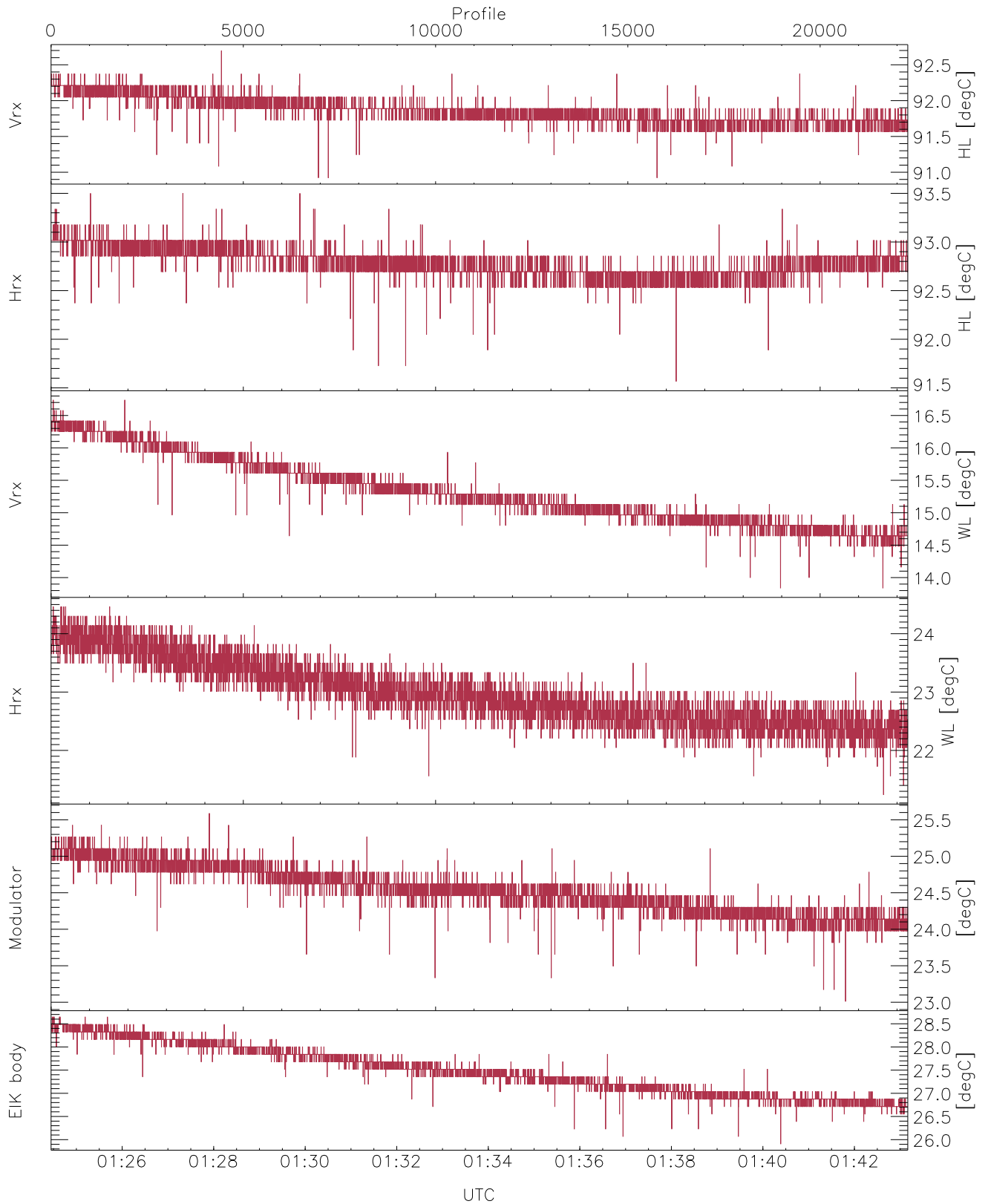


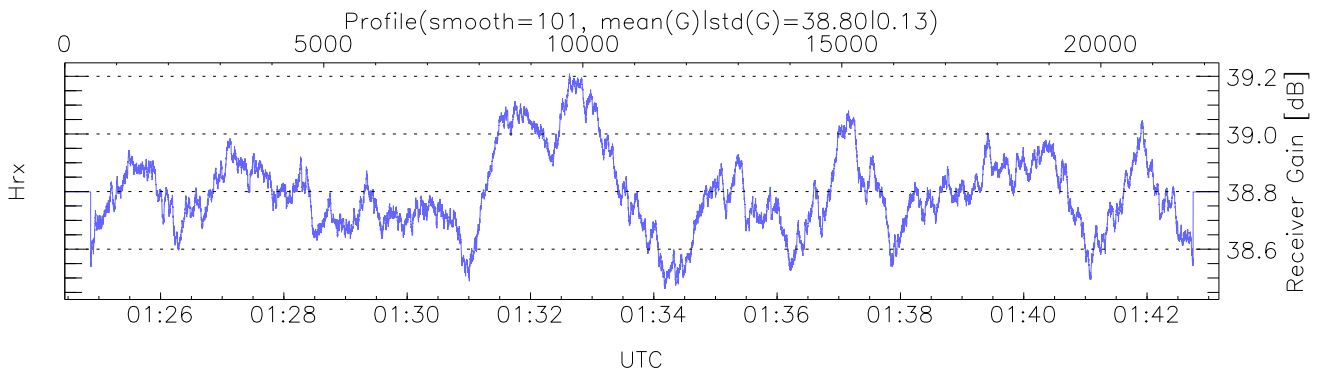
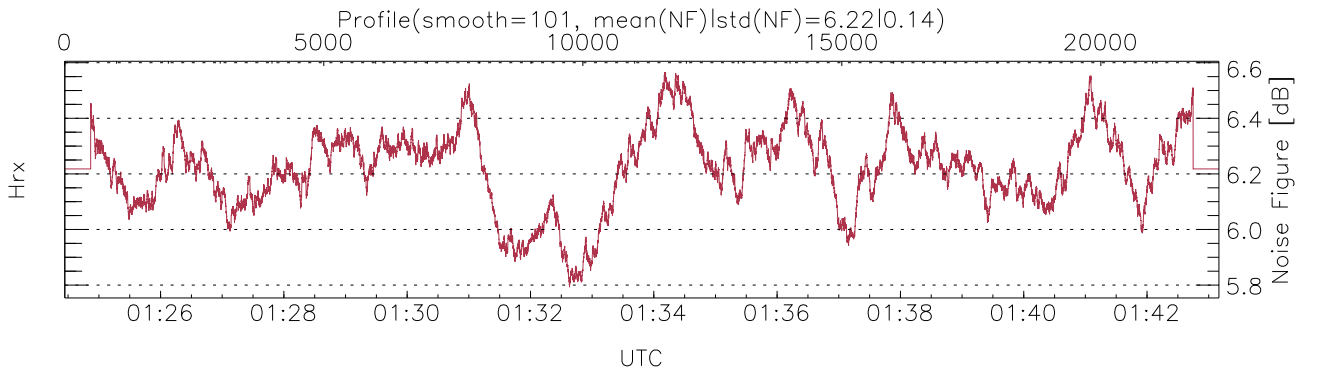
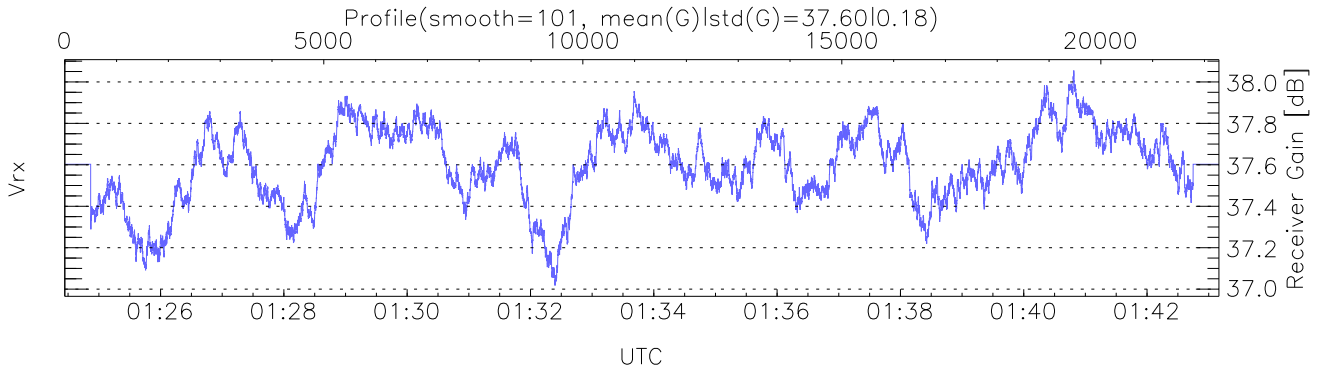
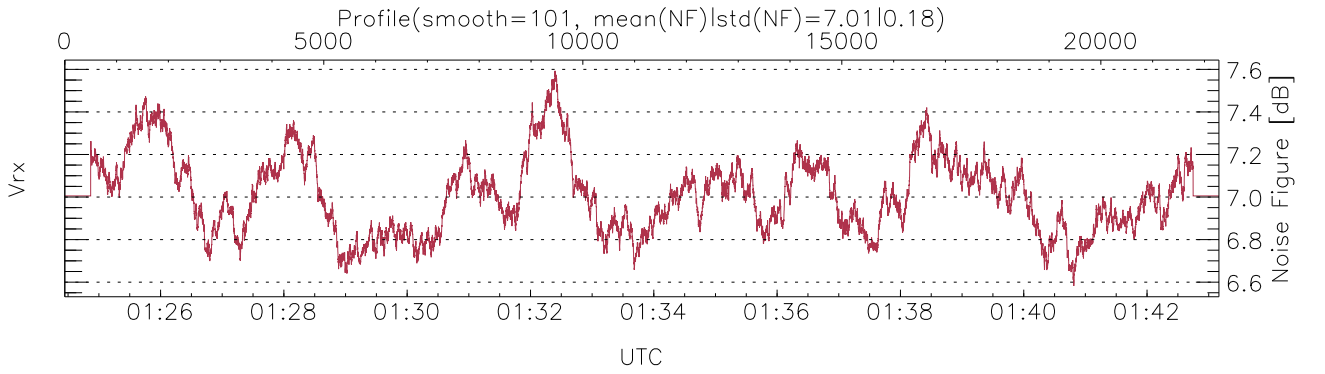
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 01:24:27-01:43:10, Dur: 1123.19s
 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): 22281/22281, 0-22280/01:24:27-01:43:10
 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



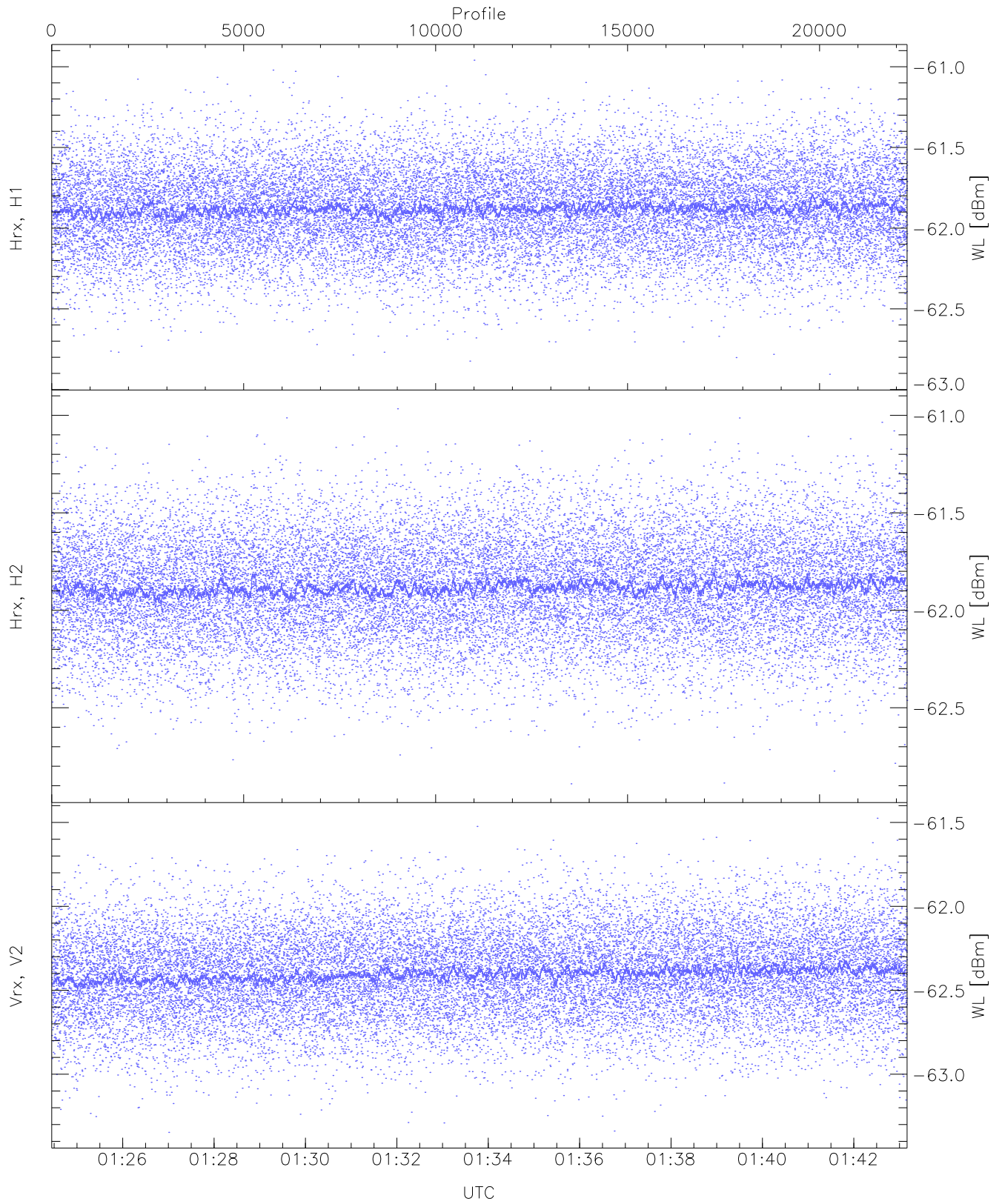
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,13,21,23,25
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,24,25,28
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,36)



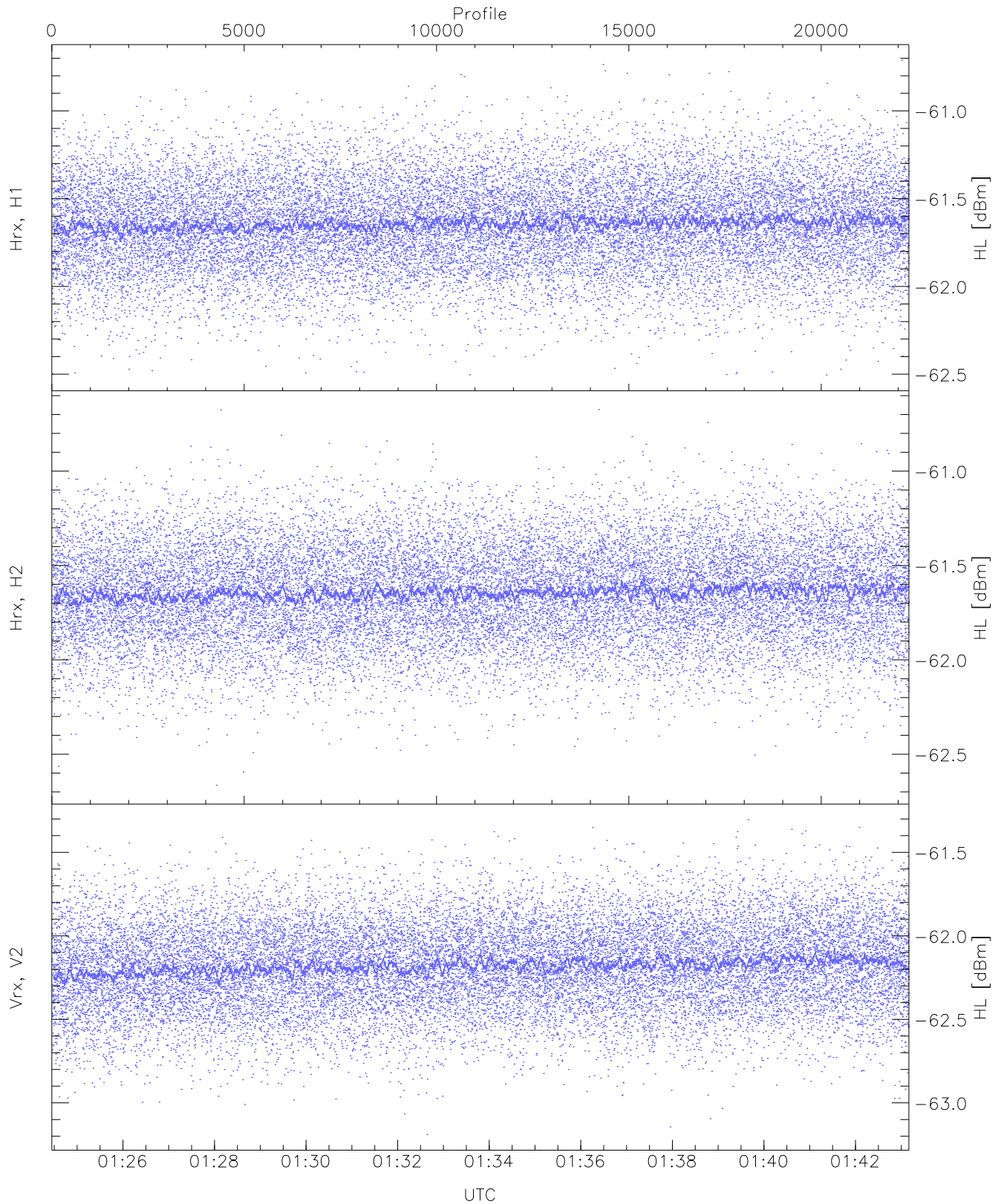
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 13036 pixs, 70 gates, 13028 profs, 1 prods



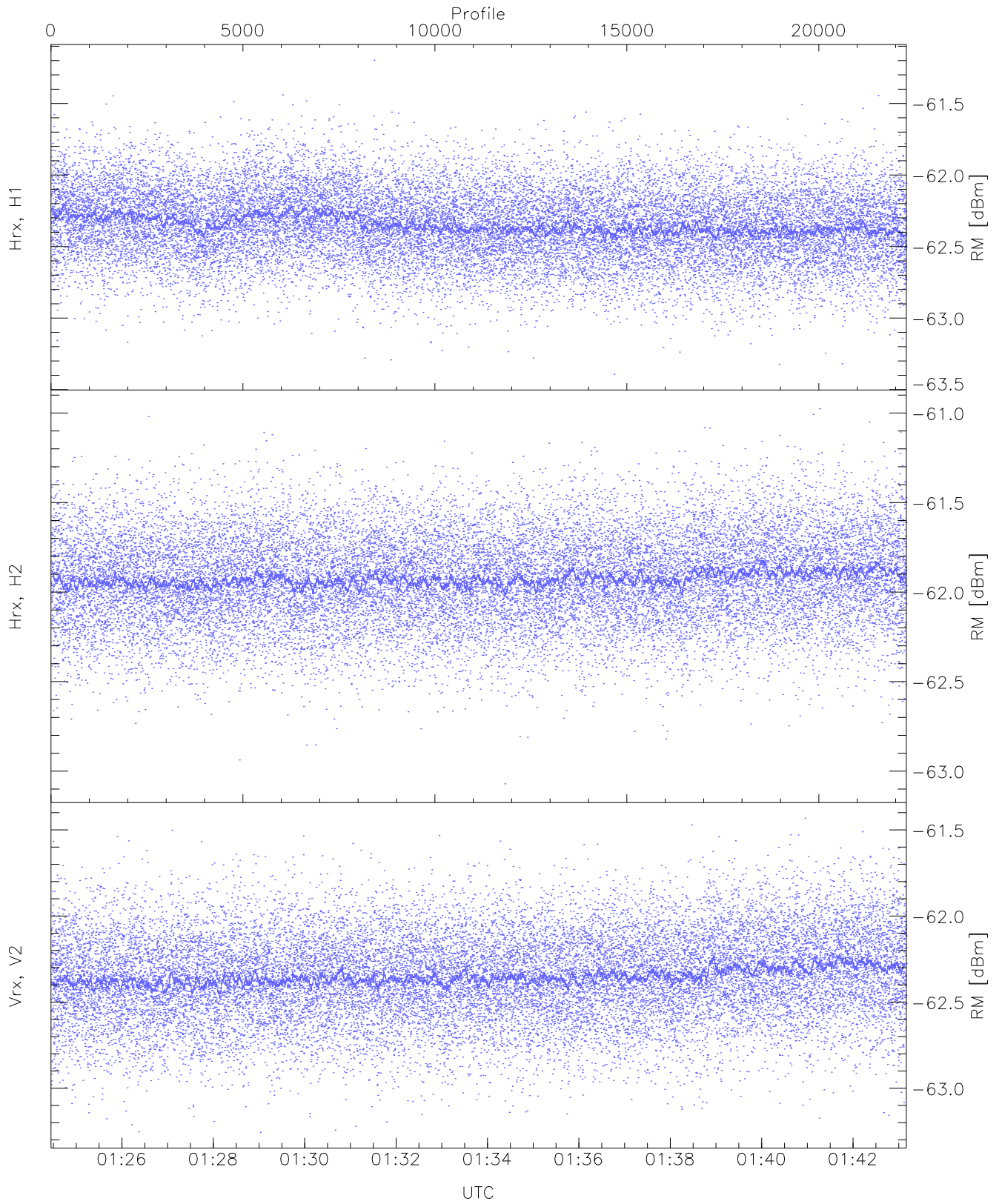
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.91	-60.96	-61.88	-61.88	-74.39
Hrx, H2(WL [dBm])	-62.89	-60.97	-61.88	-61.88	-74.42
Vrx, V2(WL [dBm])	-63.35	-61.48	-62.40	-62.40	-74.97



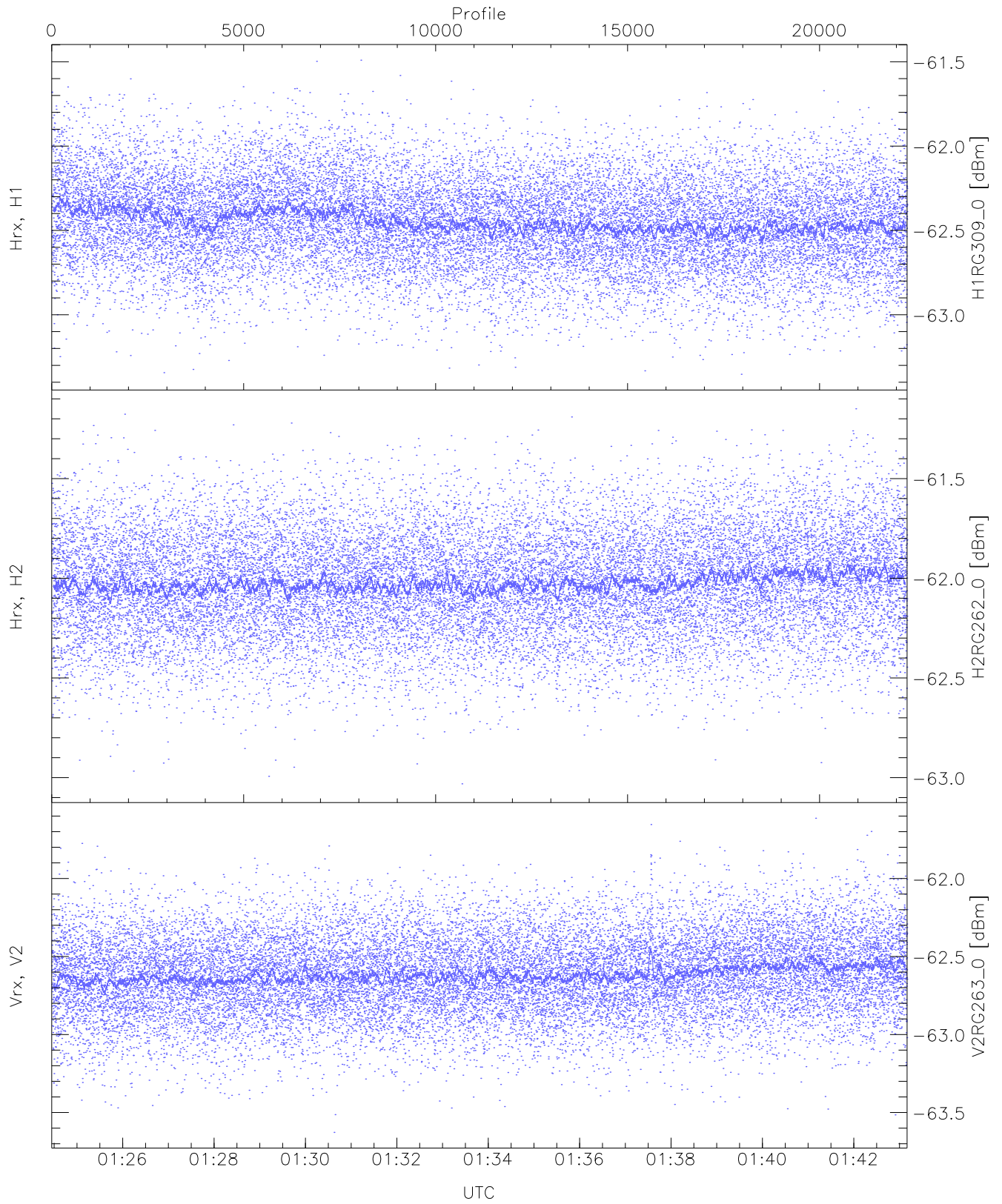
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.50	-60.71	-61.64	-61.64	-74.21
Hrx, H2 (HL [dBm])	-62.66	-60.67	-61.64	-61.65	-74.23
Vrx, V2 (HL [dBm])	-63.19	-61.30	-62.18	-62.18	-74.71



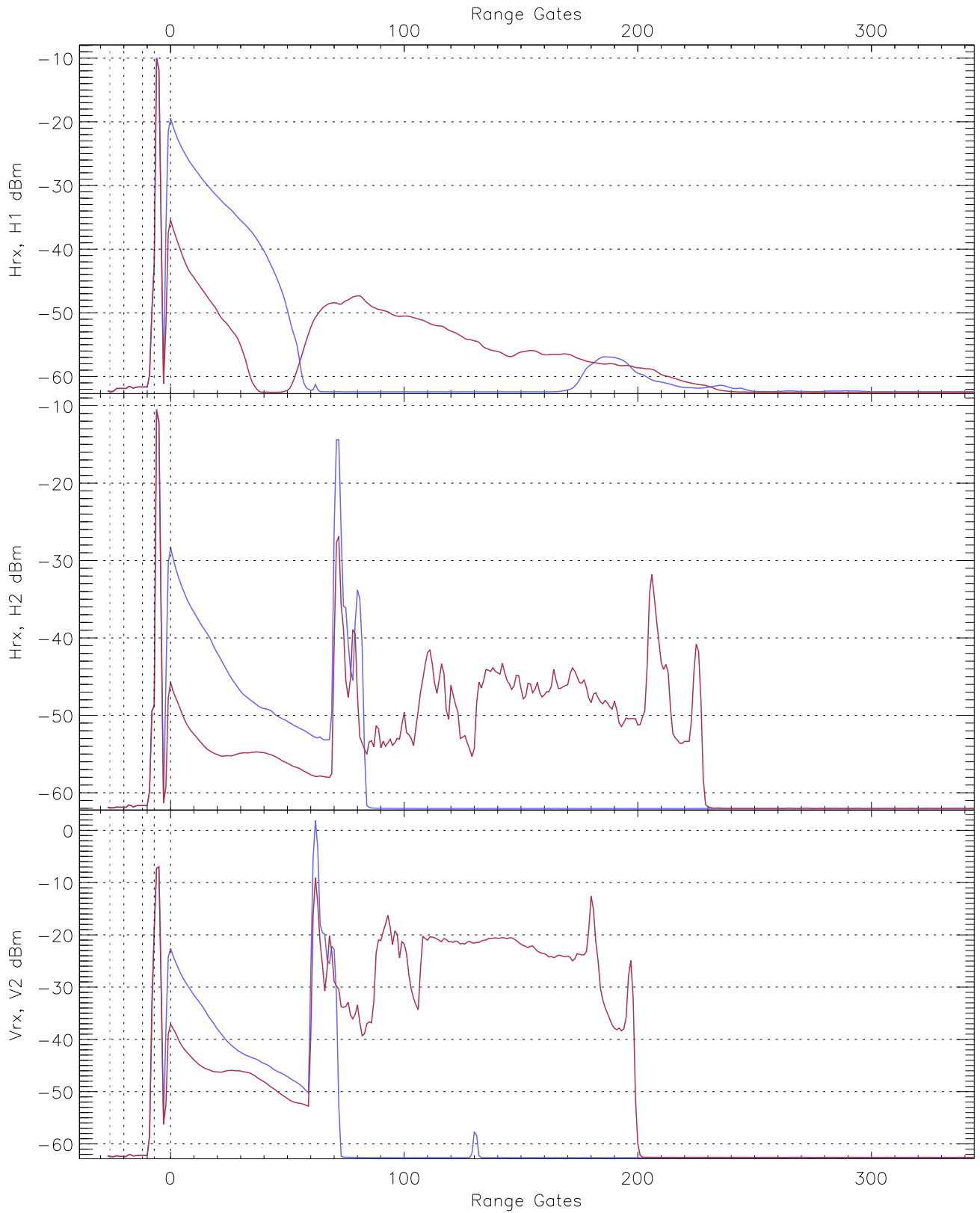
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.39	-61.20	-62.35	-62.35	-74.84
Hrx, H2 (RM [dBm])	-63.07	-60.98	-61.92	-61.93	-74.48
Vrx, V2 (RM [dBm])	-63.26	-61.43	-62.35	-62.35	-74.87

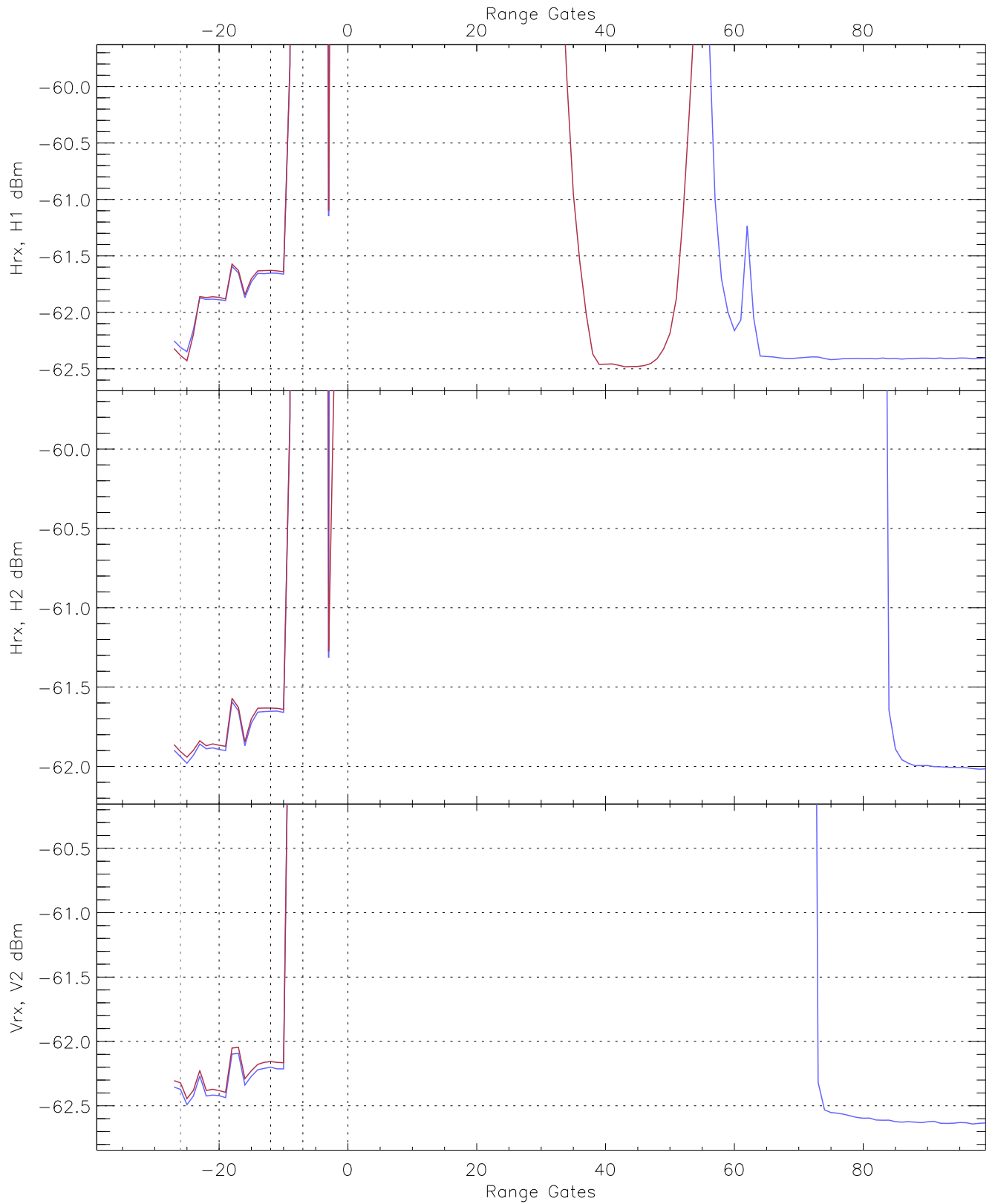


WCR2 CPP "Best" estimate Receivers Noise Power

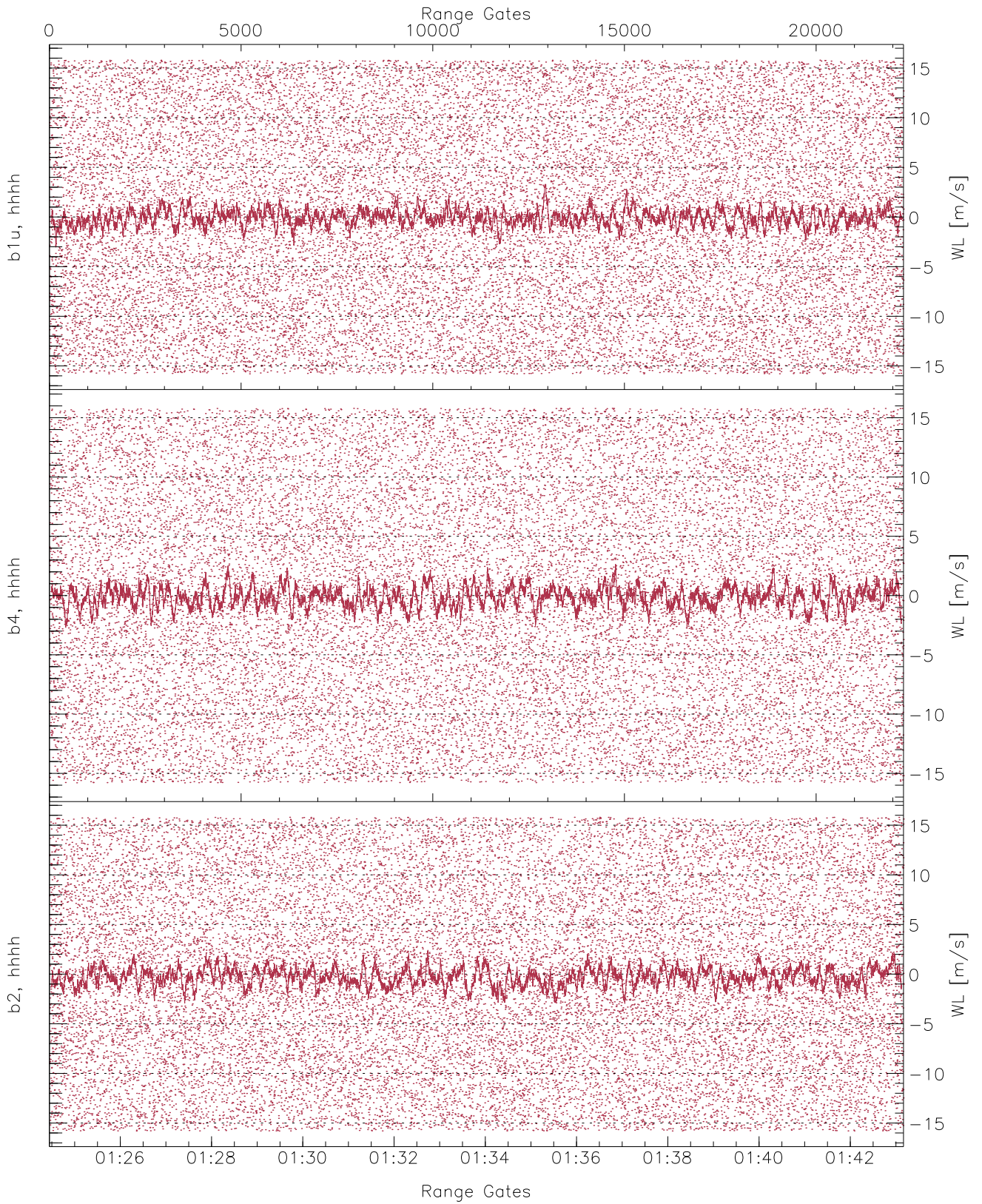
	Min	Max	Mean	Median	StDev
H1RG309_0 [dBm]	-63.35	-61.49	-62.45	-62.45	-74.92
H2RG262_0 [dBm]	-63.03	-61.15	-62.02	-62.02	-74.55
V2RG263_0 [dBm]	-63.63	-61.61	-62.61	-62.62	-75.14



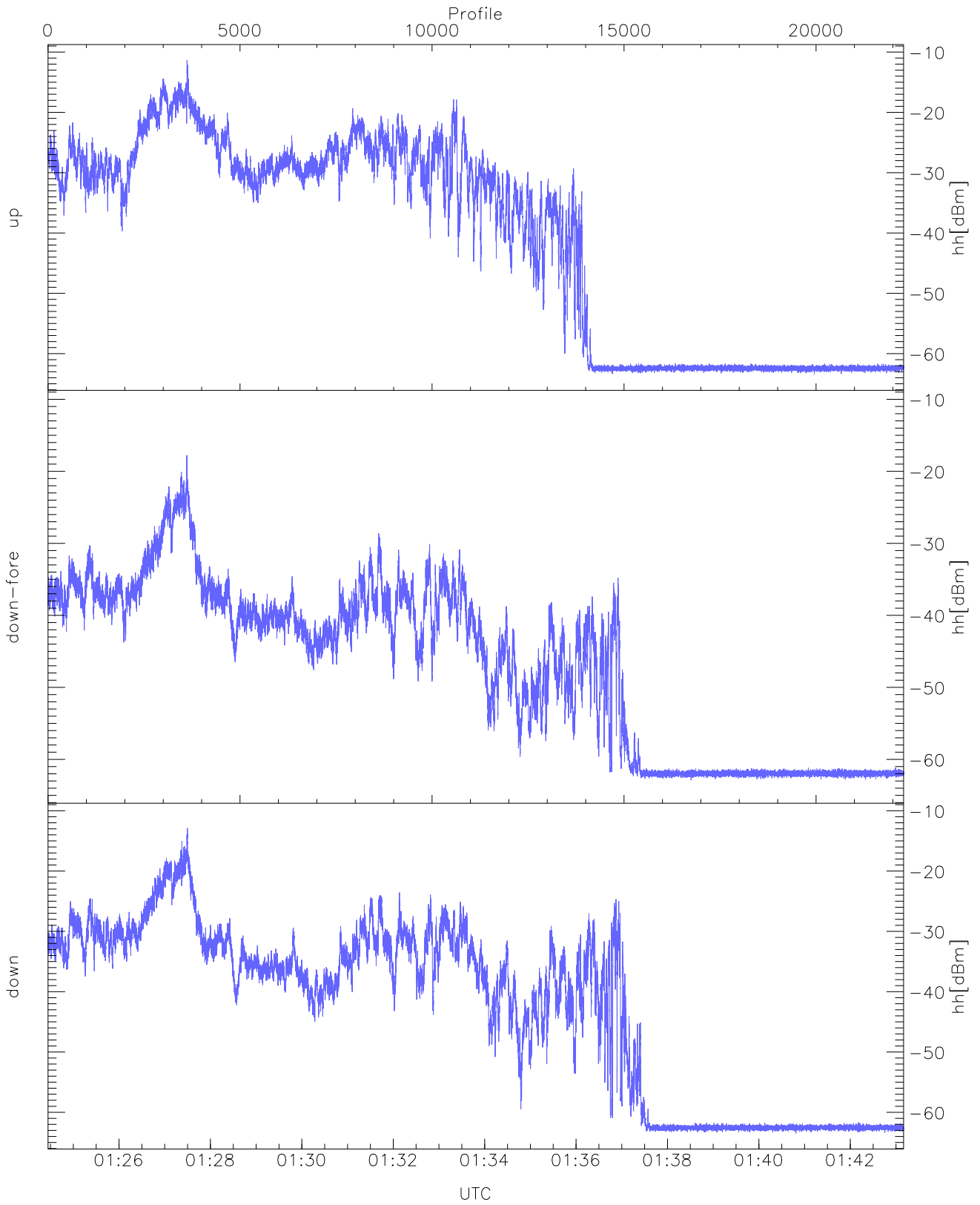
WCR2 CPP Averaged Received power for all recorded gates
blue: 012427-013348, 11141 profiles averaged
red: 013348-014310, 11141 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 012427-013348, 11141 profiles averaged
red: 013348-014310, 11141 profiles averaged

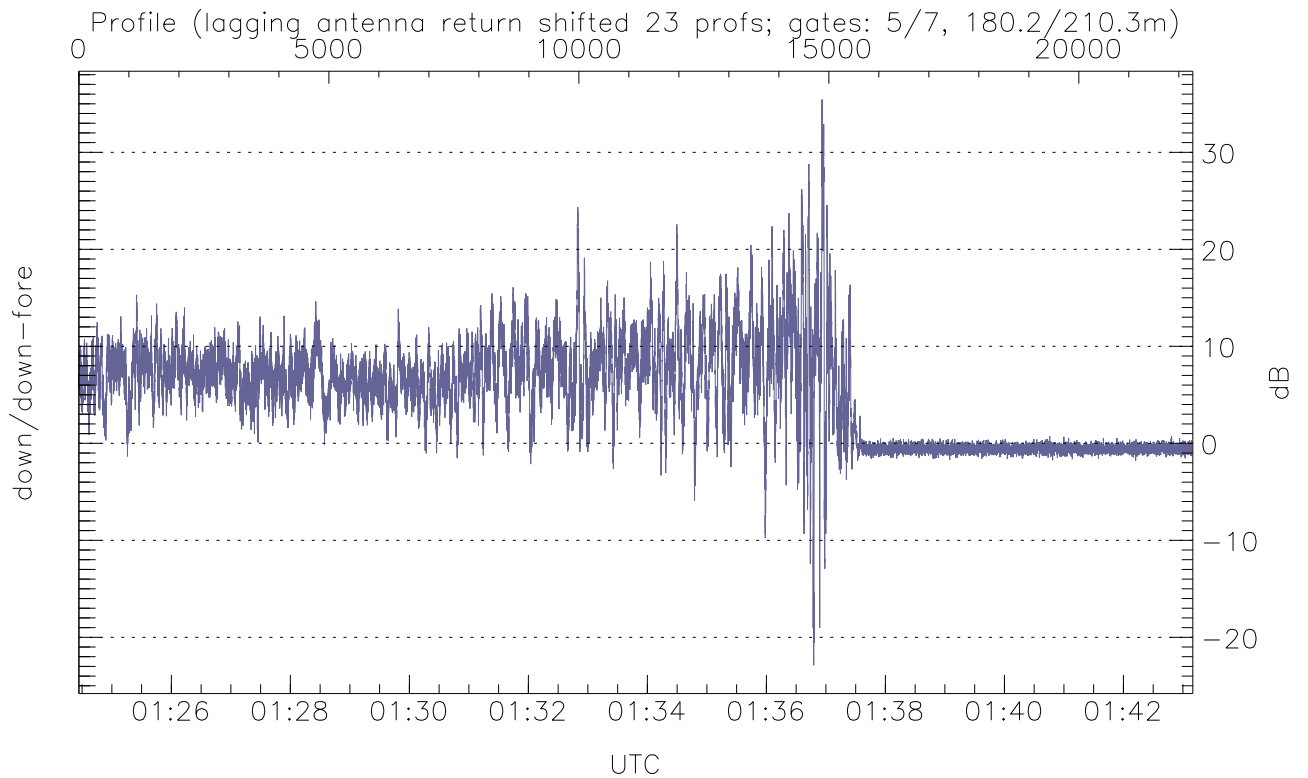
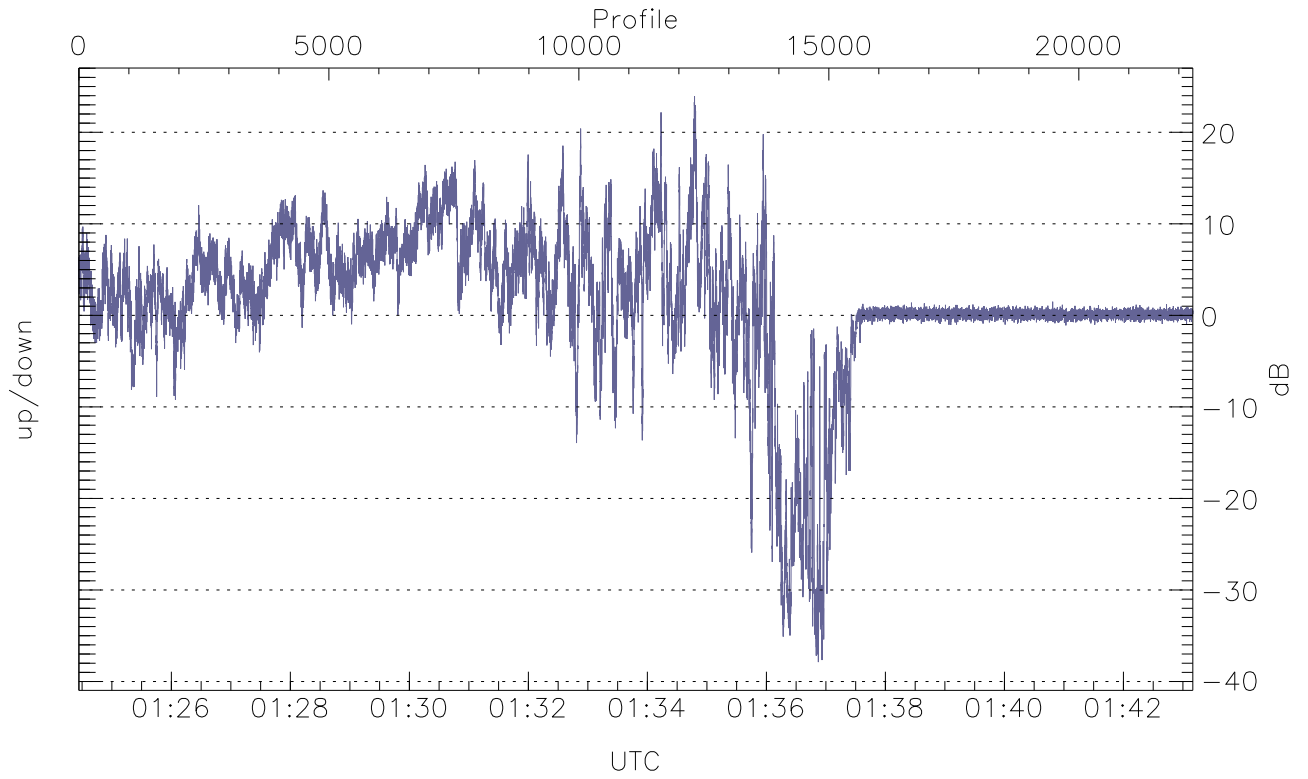


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



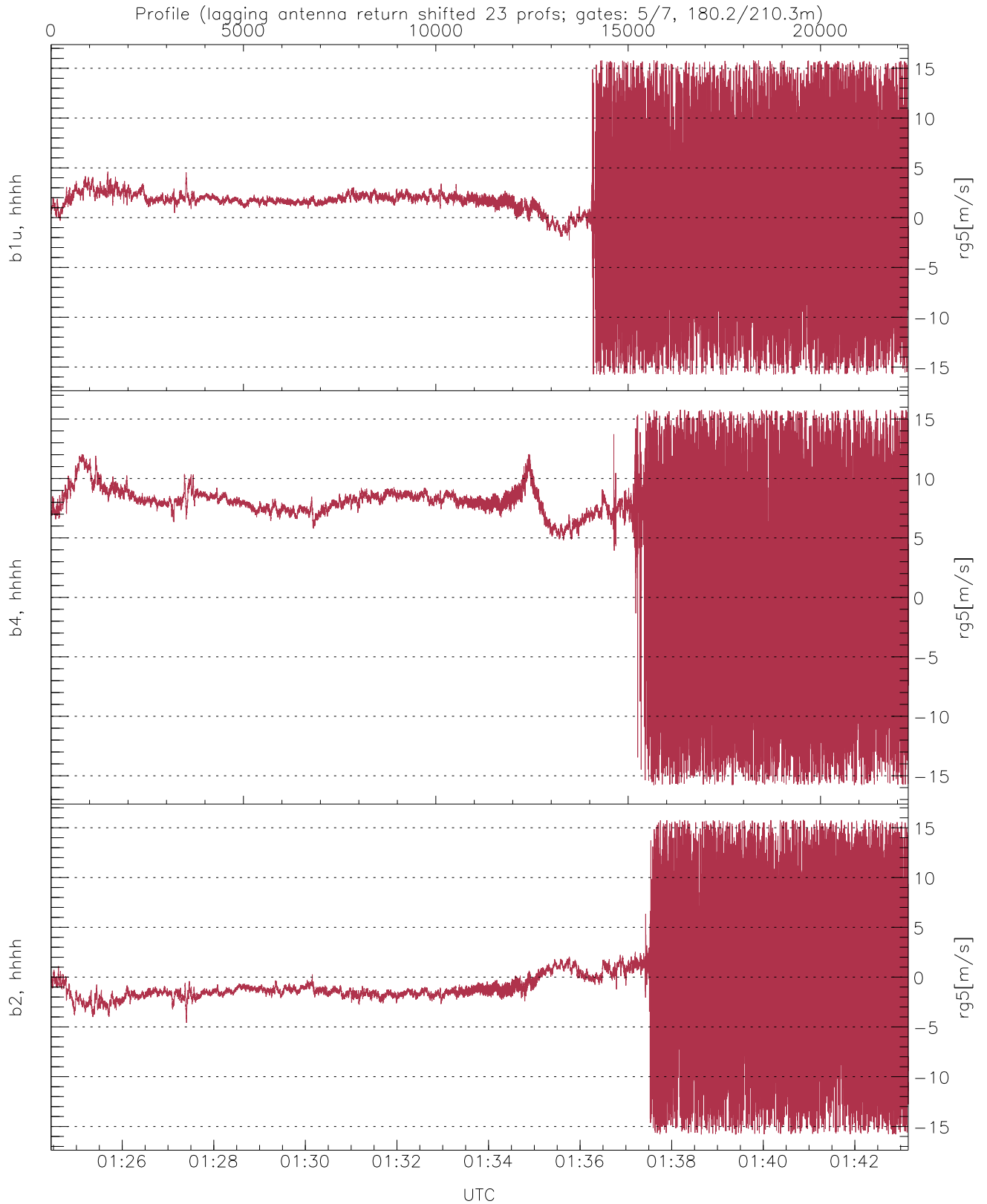
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.42	-11.36	-27.16
down-fore(hh[dBm])	-62.86	-17.76	-36.43
down(hh[dBm])	-63.48	-12.86	-30.81



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

	Min	Max	Mean
up/down (dB)	-37.88	23.93	1.63
down/down-fore (dB)	-22.88	35.44	5.08



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	1.00	5.27
b4, hhhh(rg5[m/s])	-15.80	15.79	5.53	6.38
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.91	5.02