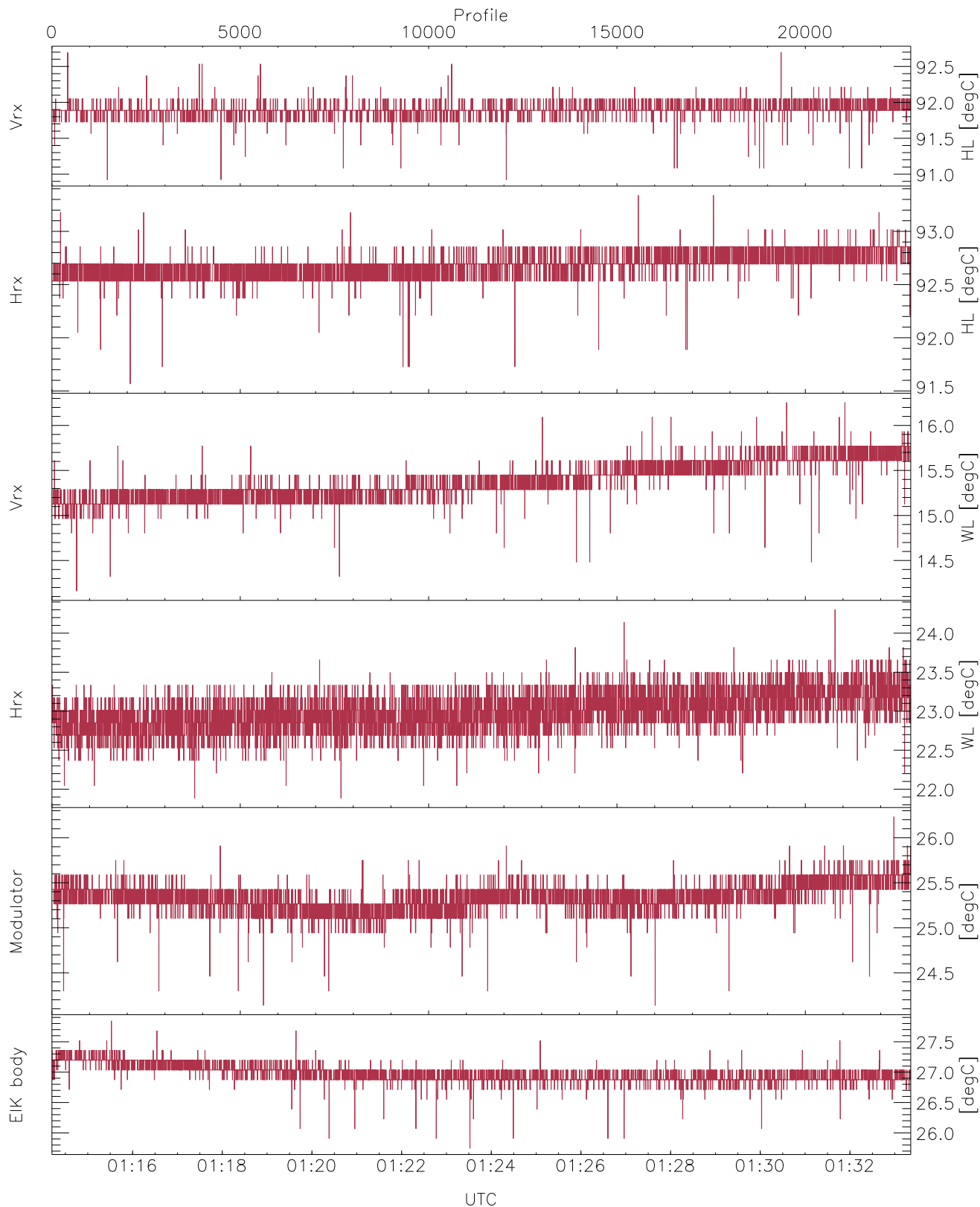


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

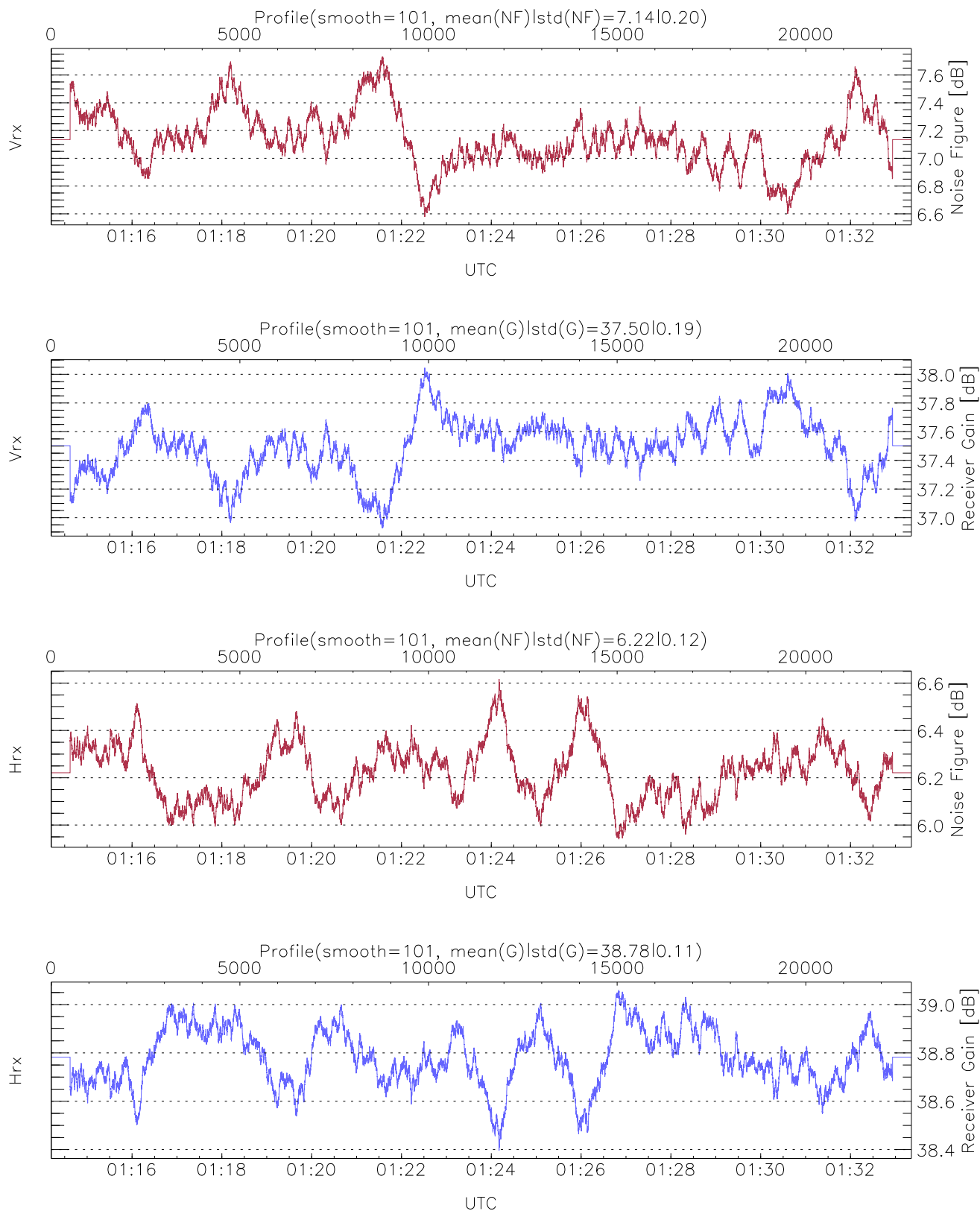
UTC: 01:14:12-01:45:01, Dur: 1848.48s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22800/36668, 0-22799/01:14:12-01:33:21
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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(-910|112,3,9x = no mirror|sidelup|error): 1



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

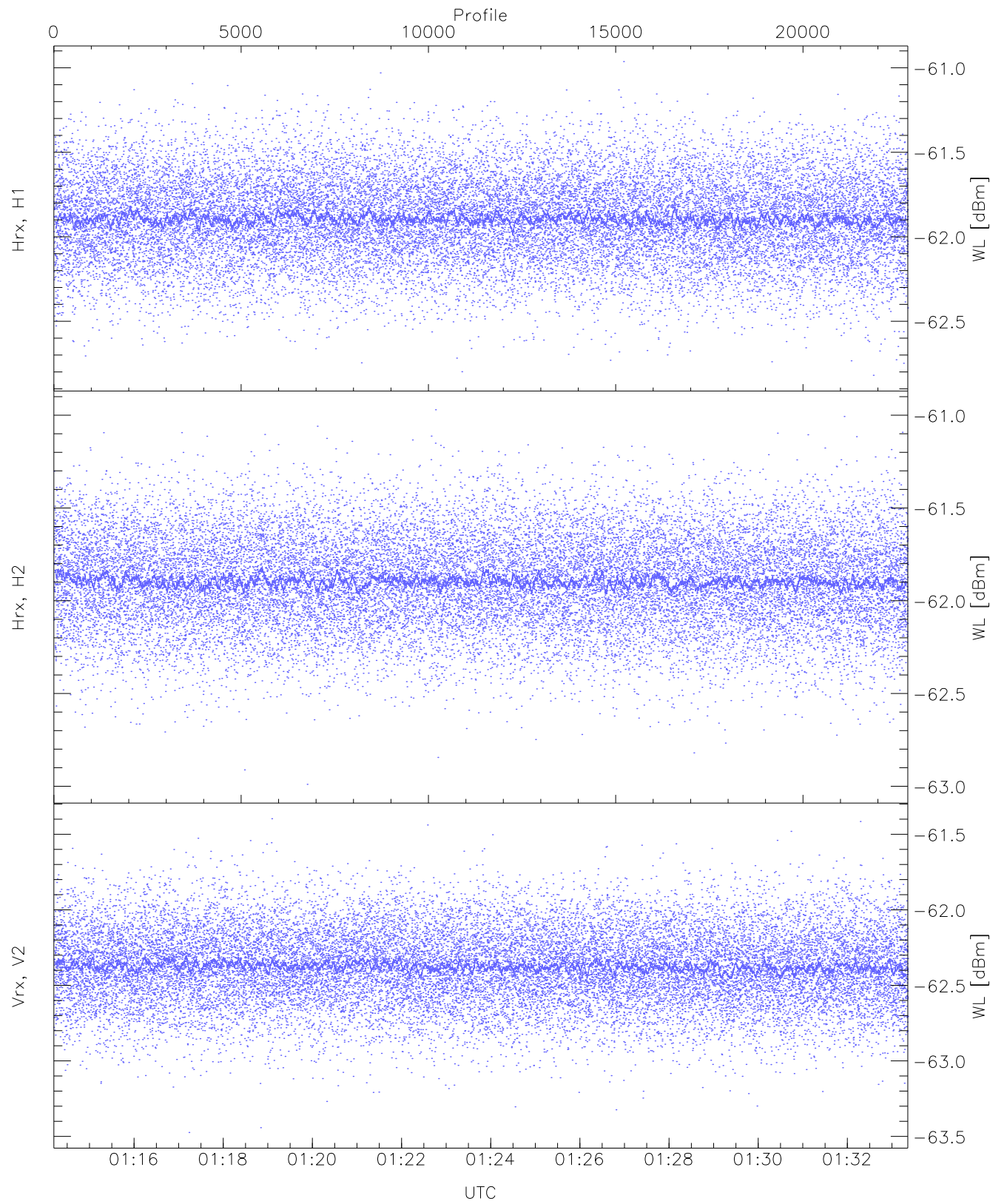
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,21,24,25
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,24,26,27
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (15,15,15,15,15,15)



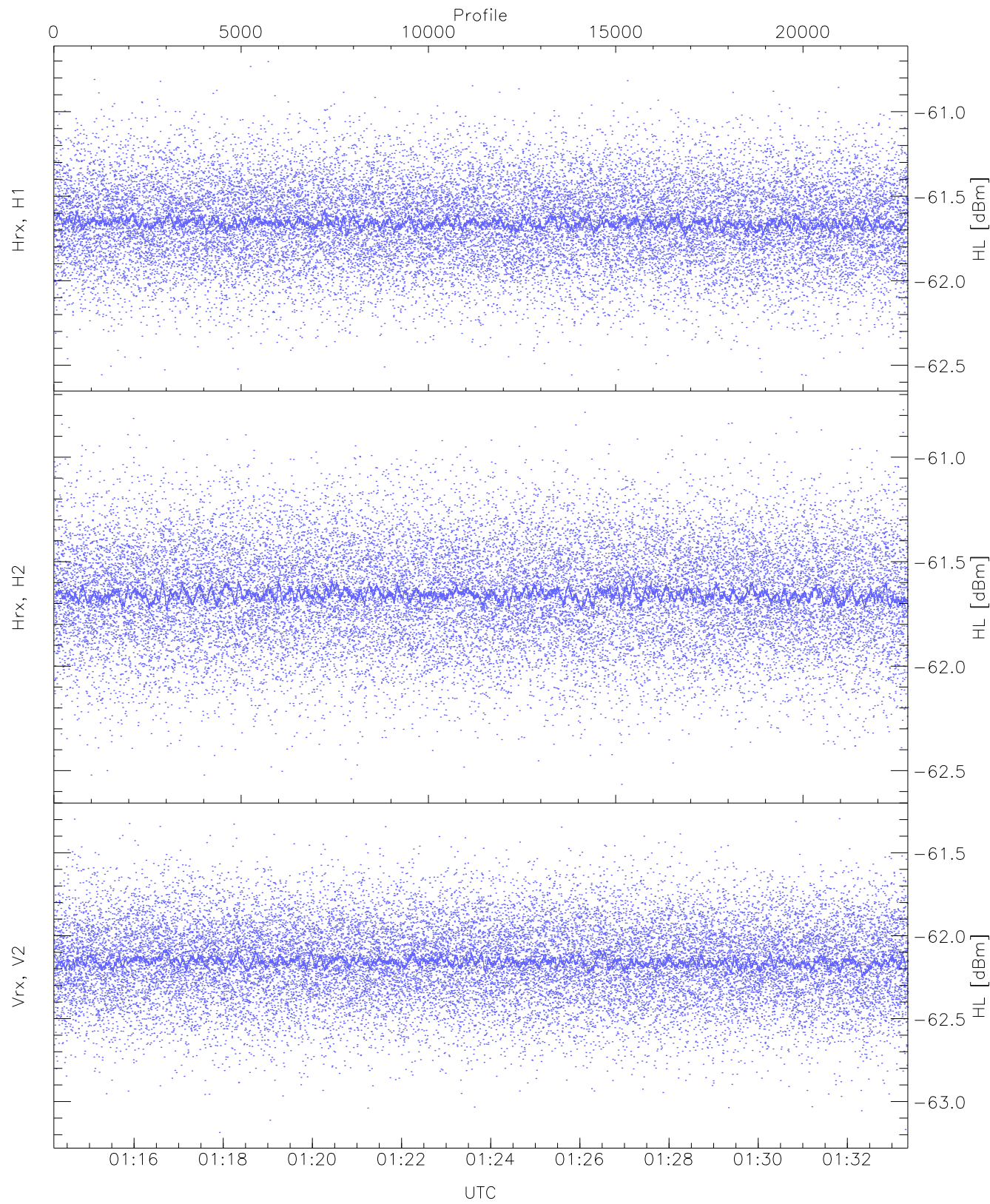
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 3254 pixs, 23 gates, 3248 profs, 1 prods



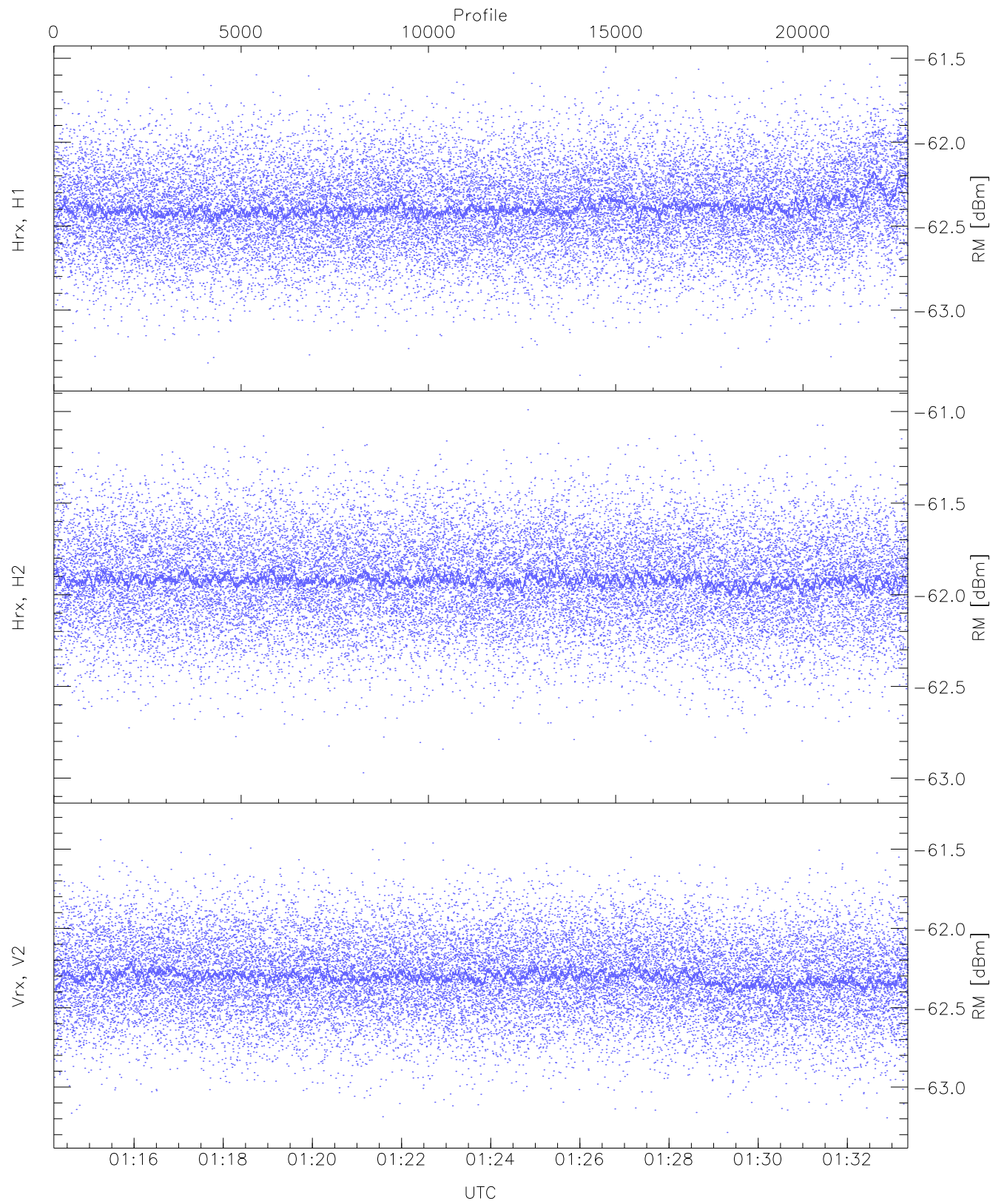
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.82	-60.96	-61.89	-61.90	-74.48
Hrx, H2(WL [dBm])	-62.99	-60.97	-61.89	-61.90	-74.50
Vrx, V2(WL [dBm])	-63.47	-61.40	-62.37	-62.38	-74.93



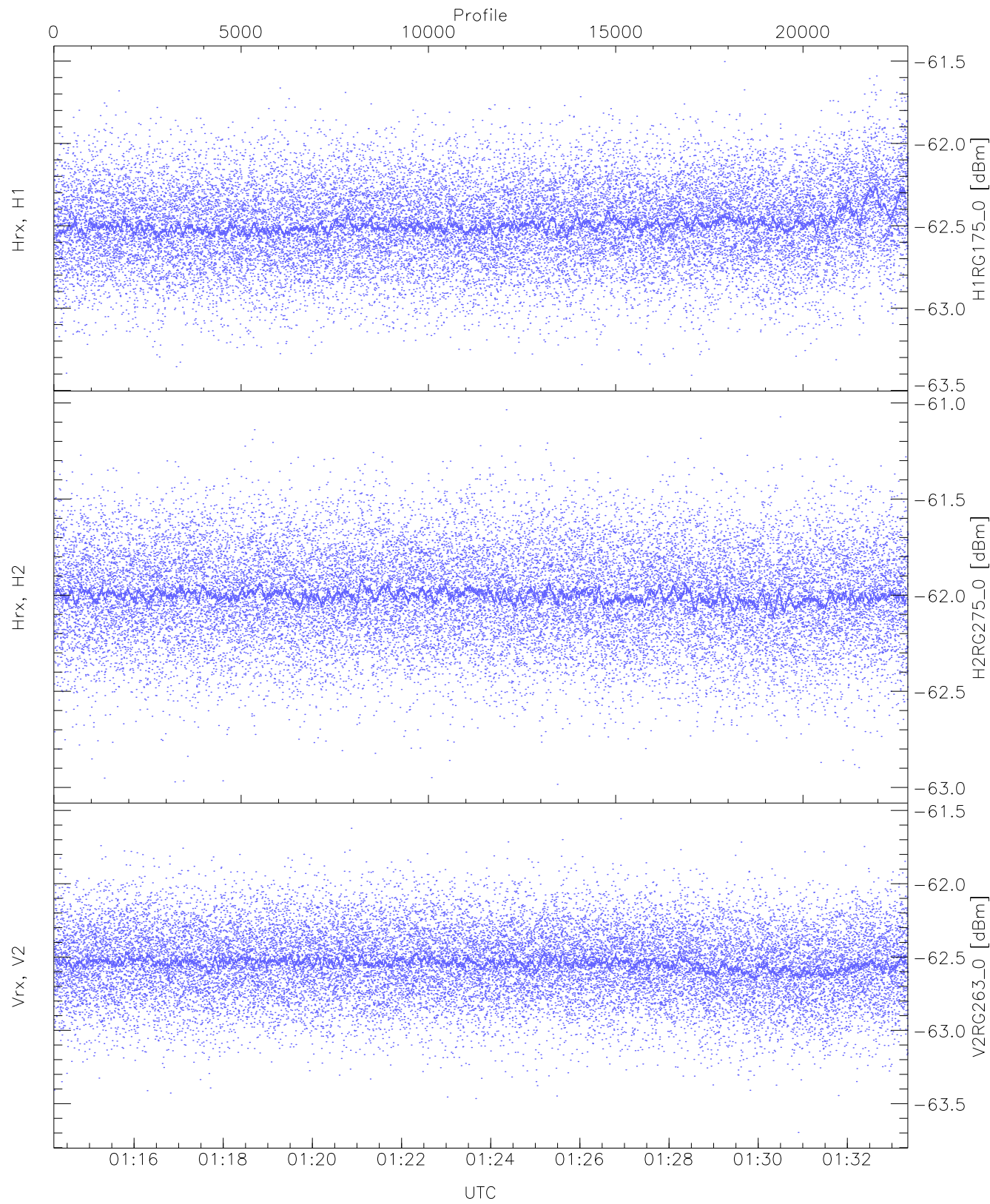
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.56	-60.70	-61.65	-61.66	-74.22
Hrx, H2(HL [dBm])	-62.57	-60.77	-61.65	-61.66	-74.22
Vrx, V2(HL [dBm])	-63.19	-61.29	-62.15	-62.16	-74.74



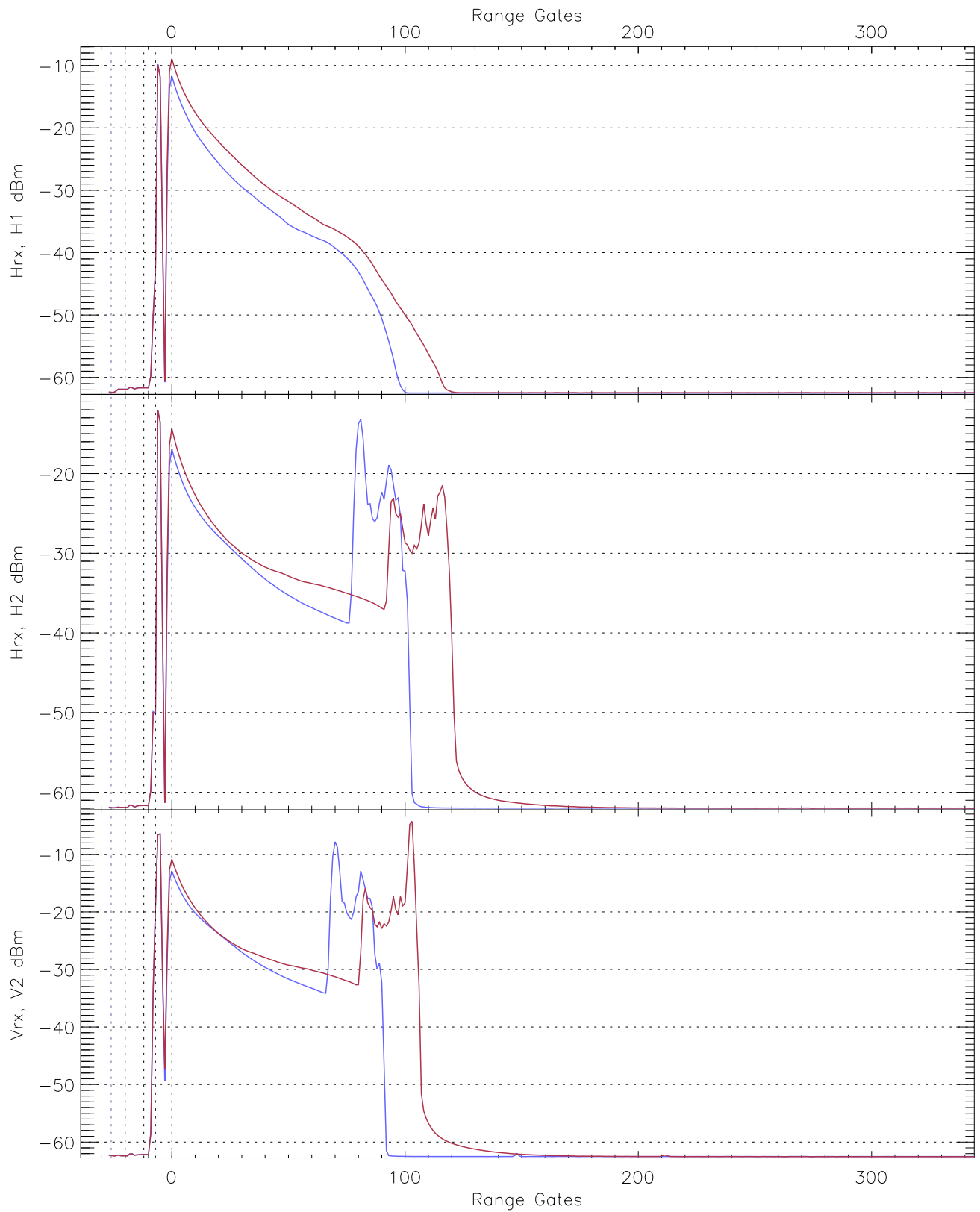
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.39	-61.52	-62.39	-62.39	-74.90
Hrx, H2(RM [dBm])	-63.03	-60.99	-61.92	-61.92	-74.50
Vrx, V2(RM [dBm])	-63.29	-61.31	-62.30	-62.31	-74.86

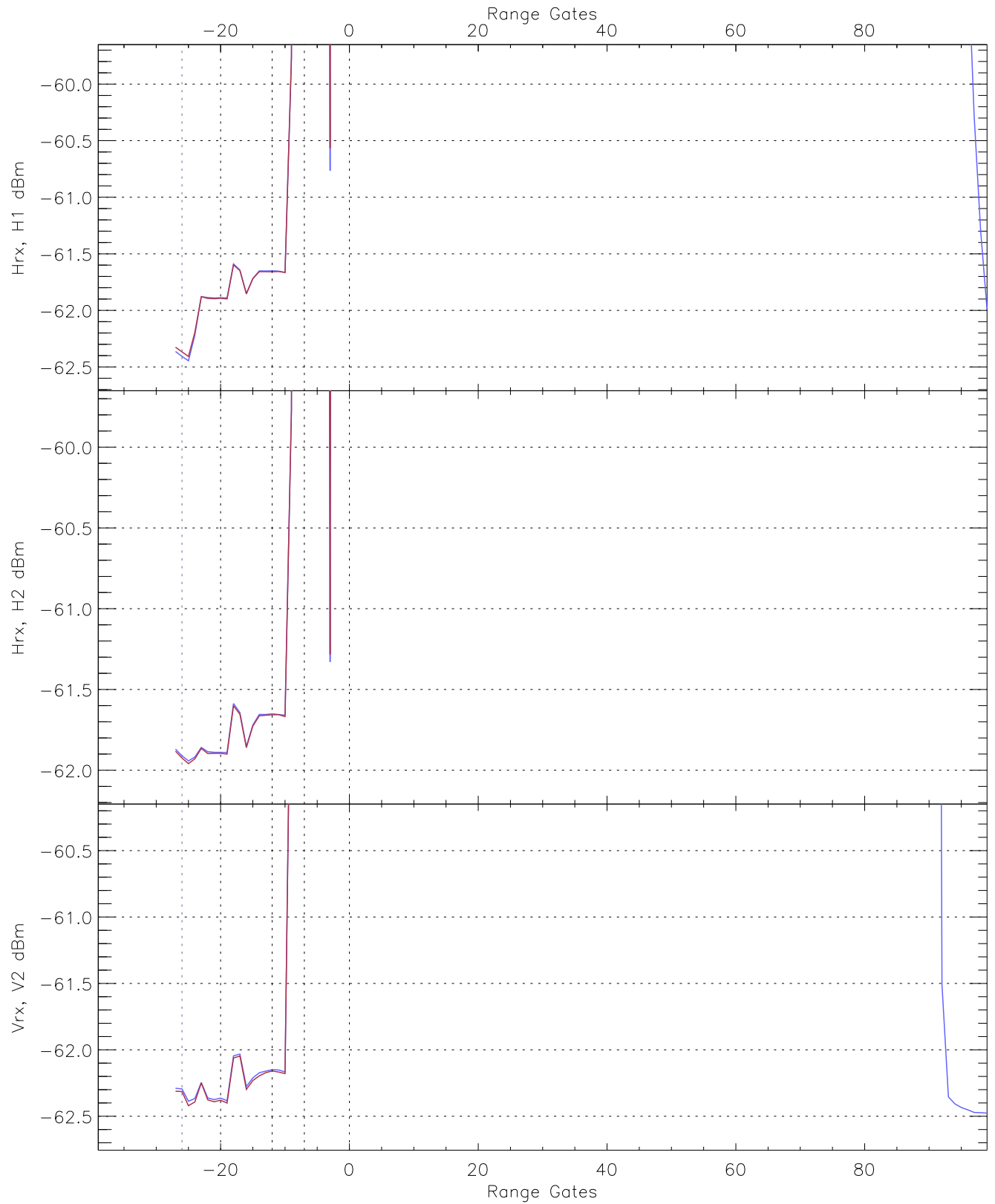


WCR2 CPP "Best" estimate Receivers Noise Power

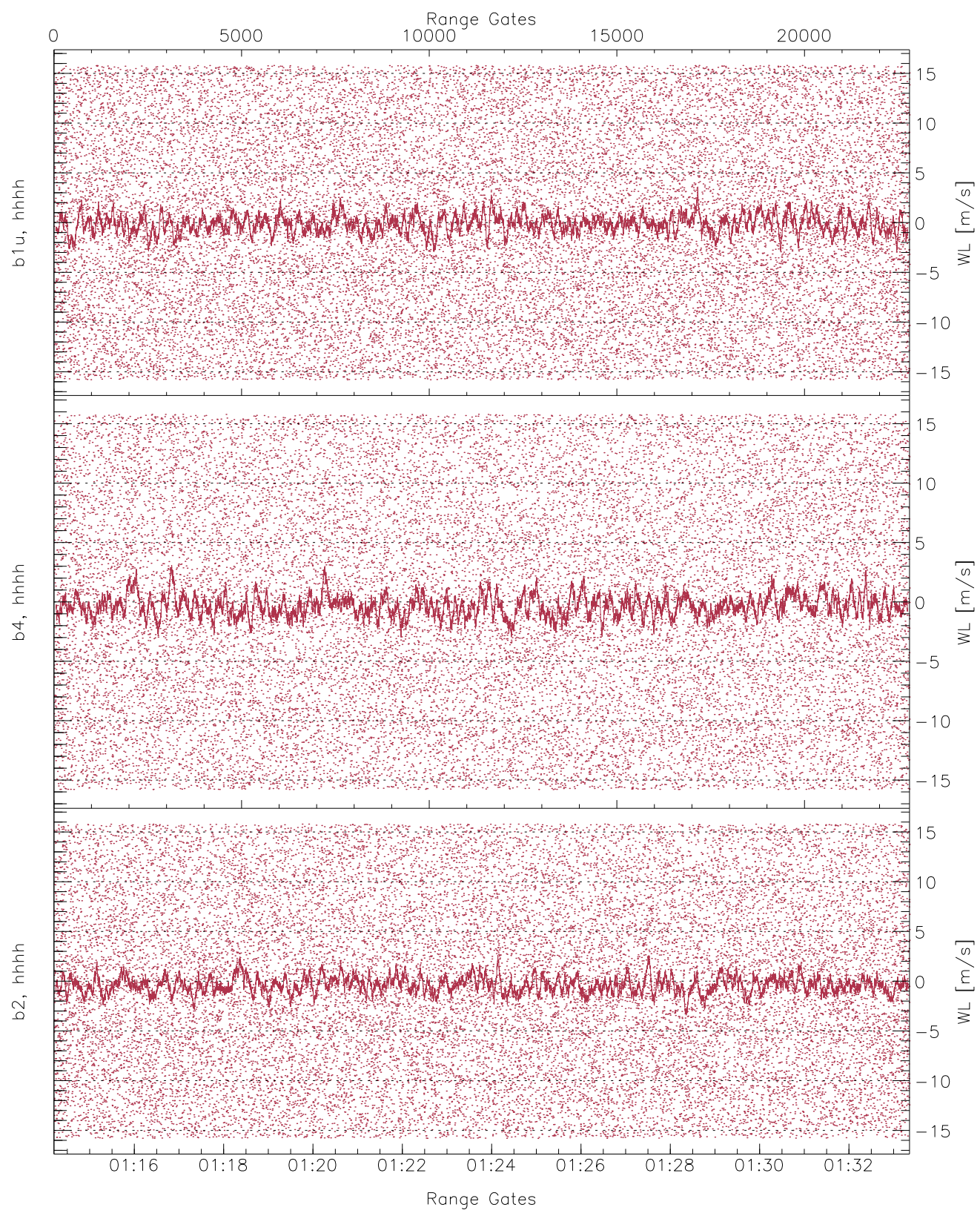
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.41	-61.50	-62.49	-62.49	-74.98
H2RG275_0 [dBm]	-62.98	-61.04	-62.00	-62.00	-74.58
V2RG263_0 [dBm]	-63.70	-61.56	-62.54	-62.55	-75.08



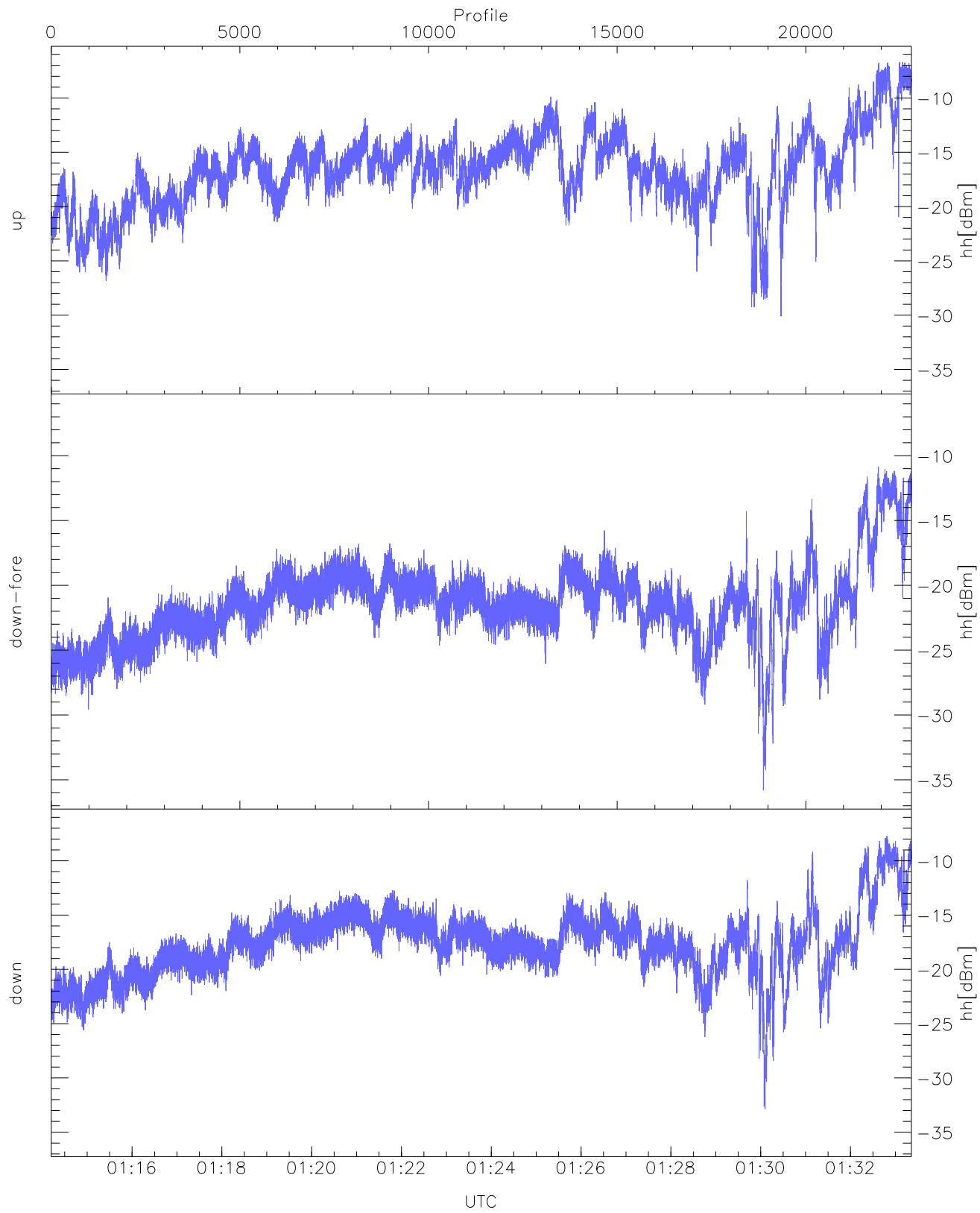
WCR2 CPP Averaged Received power for all recorded gates
blue: 011412-012347, 11401 profiles averaged
red: 012347-013321, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
 blue: 011412-012347, 11401 profiles averaged
 red: 012347-013321, 11400 profiles averaged

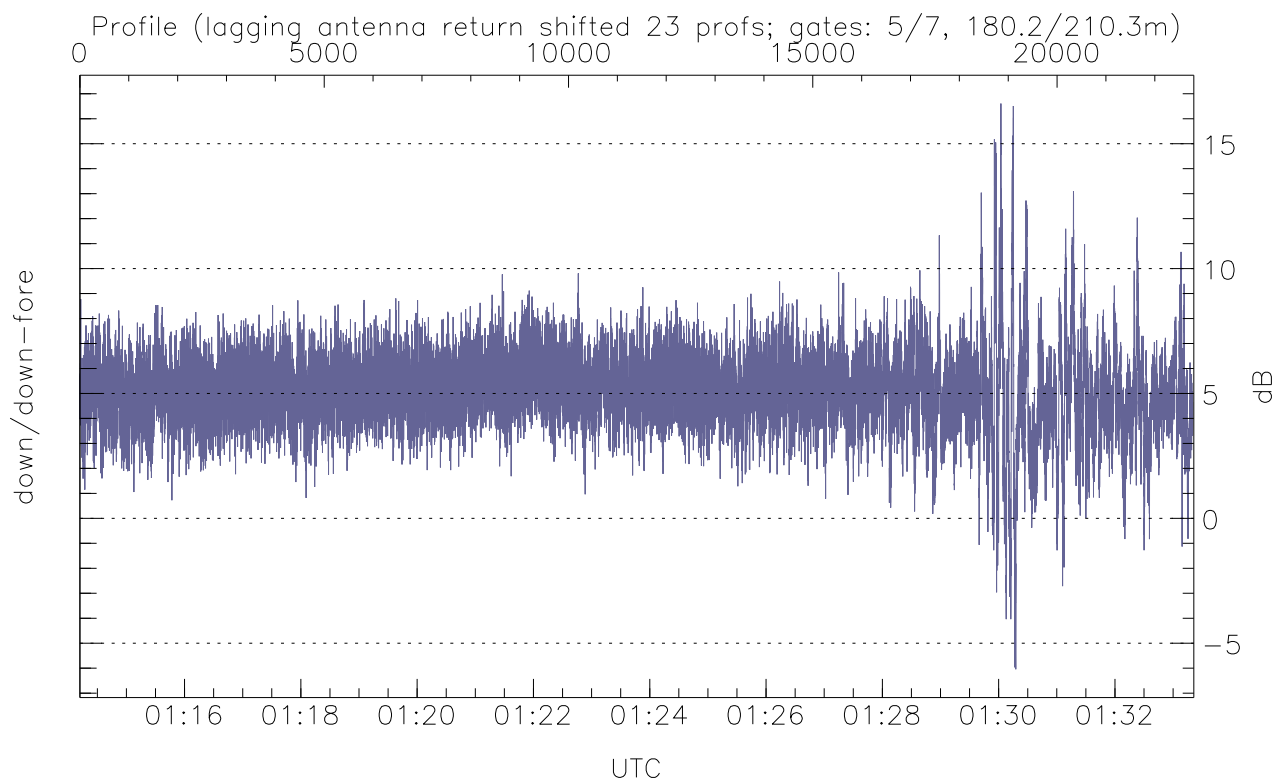
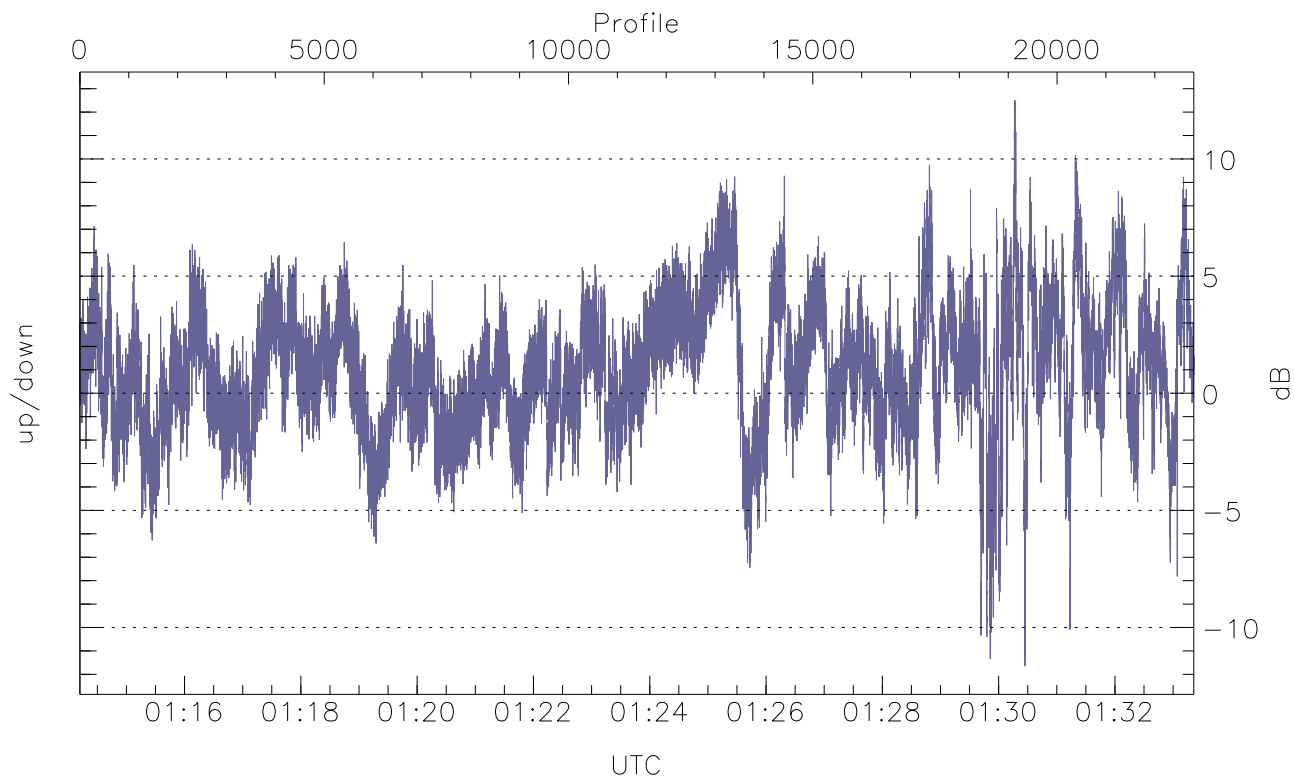


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



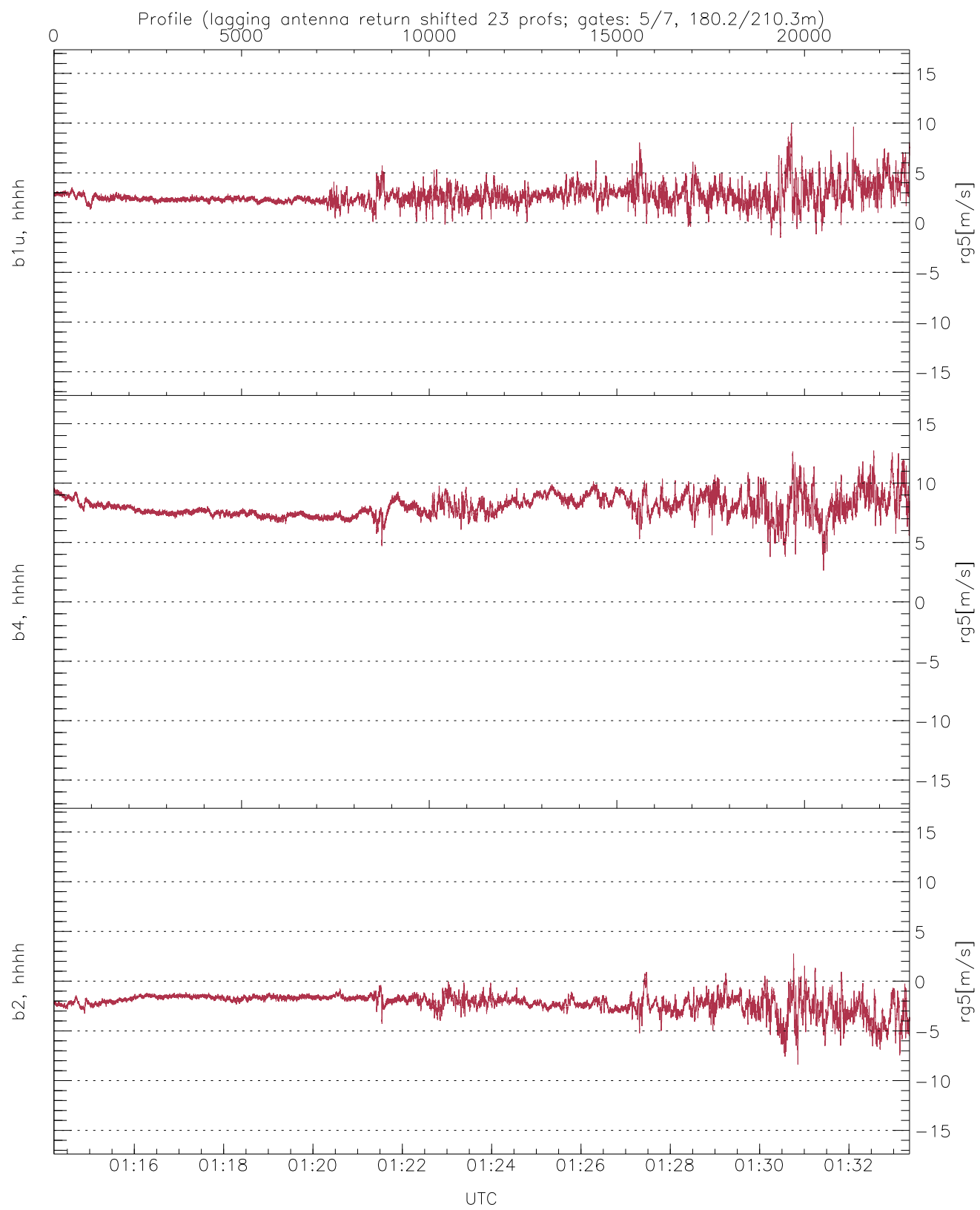
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-30.11	-6.69	-15.32
down-fore(hh[dBm])	-35.80	-10.86	-20.28
down(hh[dBm])	-32.87	-7.71	-16.58



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

	Min	Max	Mean
up/down(dB)	-11.65	12.50	1.03
down/down-fore(dB)	-6.04	16.61	5.11



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.55	10.01	2.72	1.04
b4, hhhh(rg5[m/s])	2.64	12.74	8.03	0.97
b2, hhhh(rg5[m/s])	-8.39	2.75	-2.20	0.95