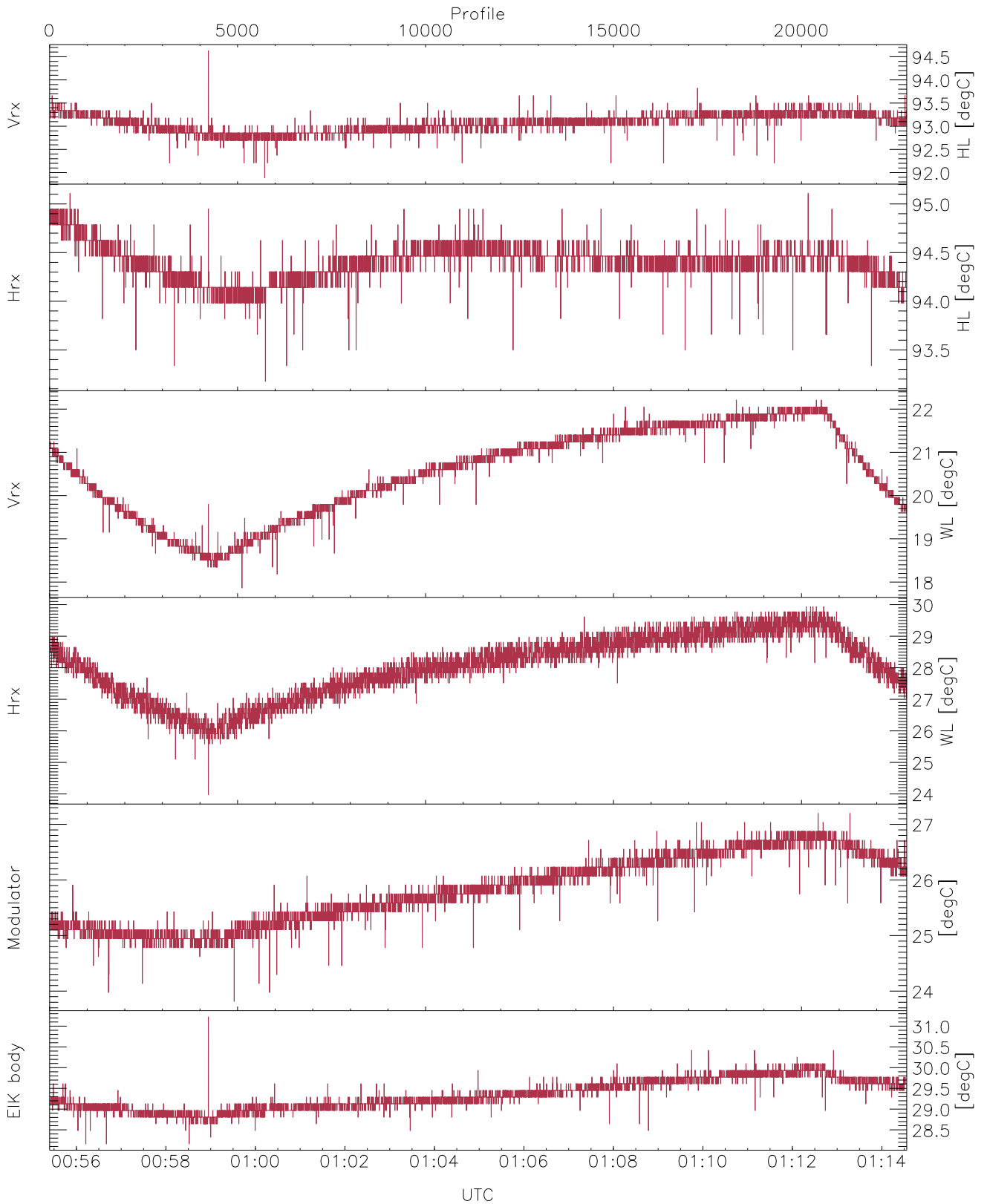


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

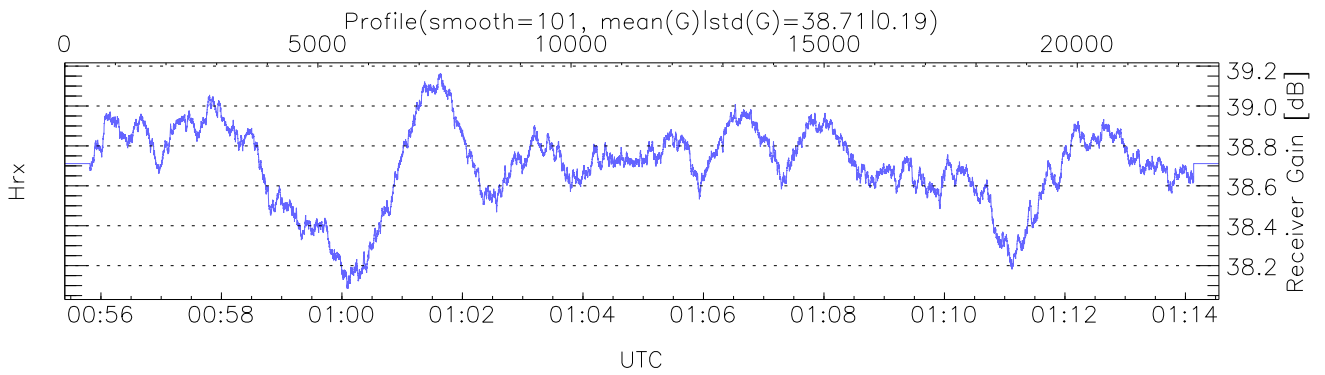
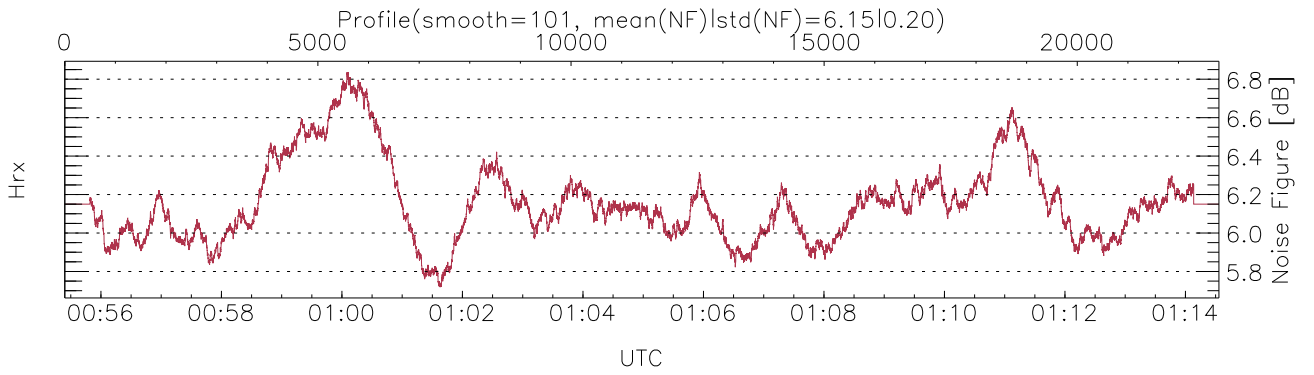
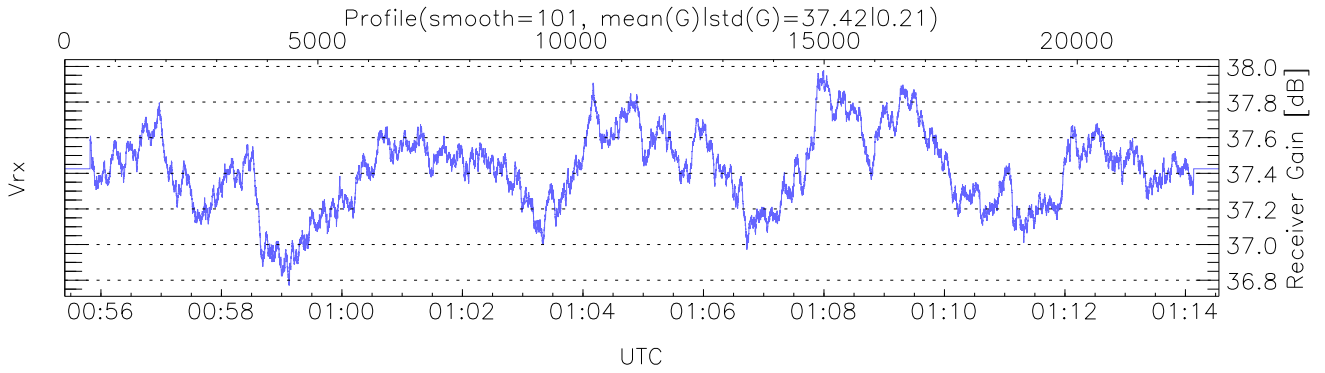
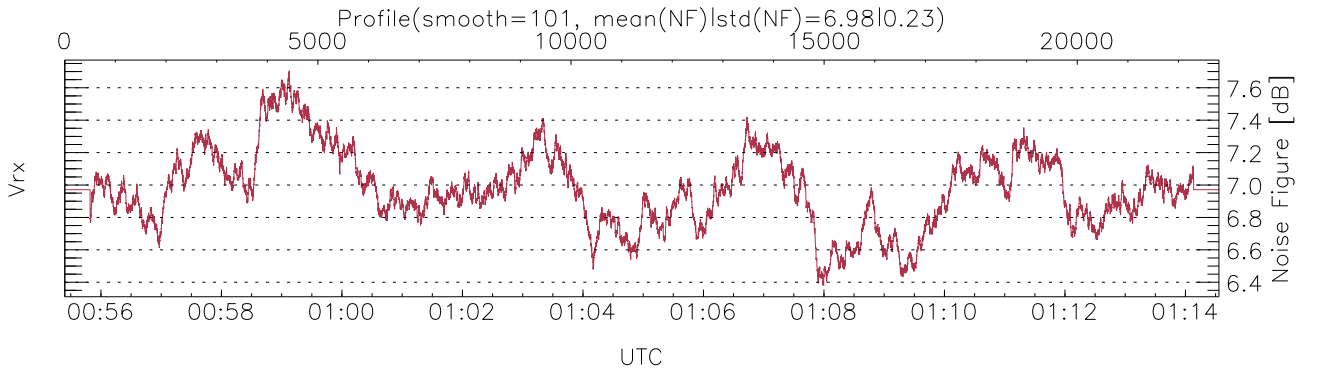
UTC: 00:55:24-01:24:25, Dur: 1740.60s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22800/34528, 0-22799/00:55:24-01:14:33
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

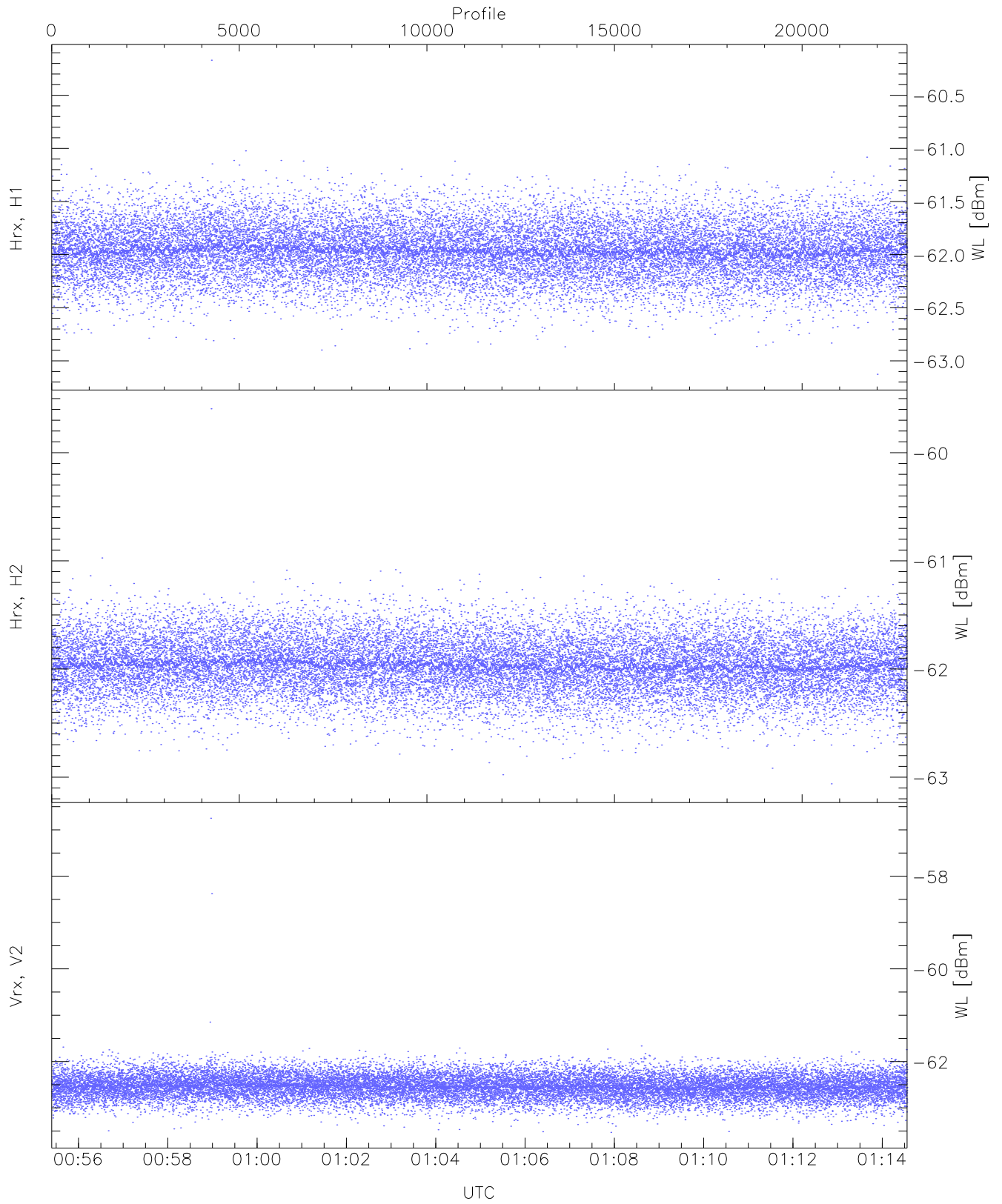
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,17,23,23,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,22,29,27,31
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (15,15,15,15,10,5)



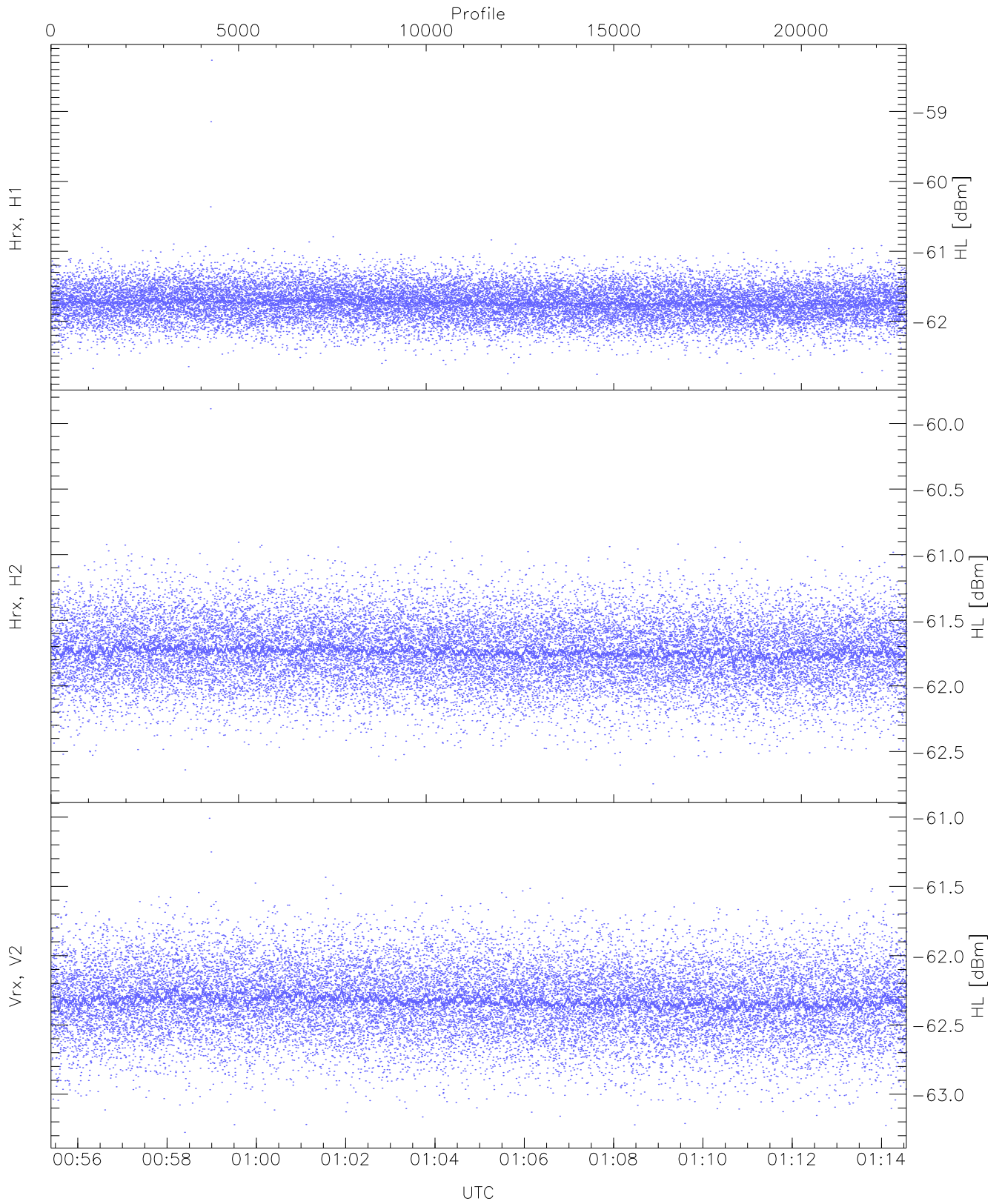
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 14307 pixs, 33 gates, 10125 profs, 2 prods



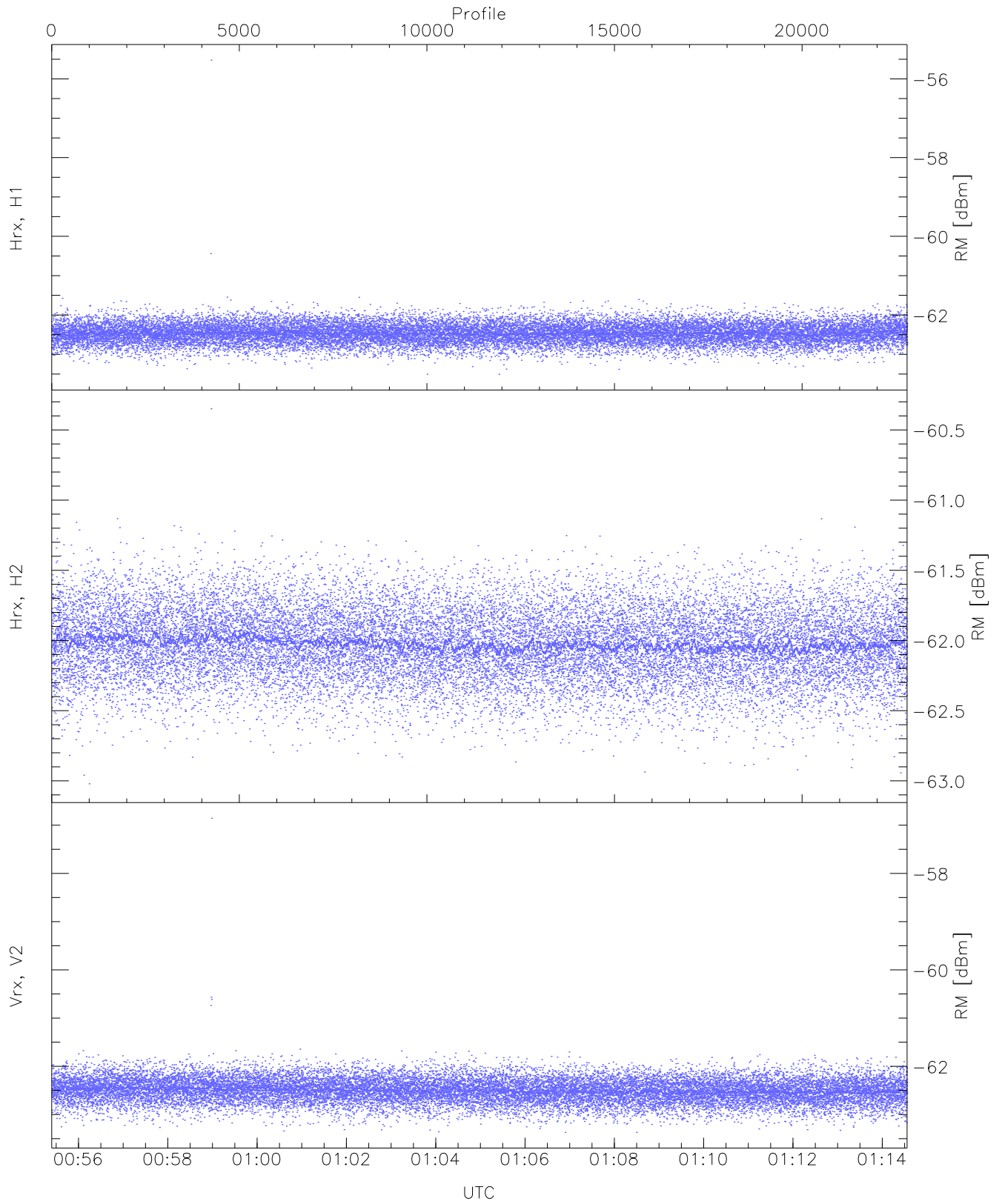
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.13	-60.17	-61.96	-61.96	-74.51
Hrx, H2 (WL [dBm])	-63.06	-59.59	-61.96	-61.97	-74.49
Vrx, V2 (WL [dBm])	-63.53	-56.75	-62.53	-62.54	-74.81



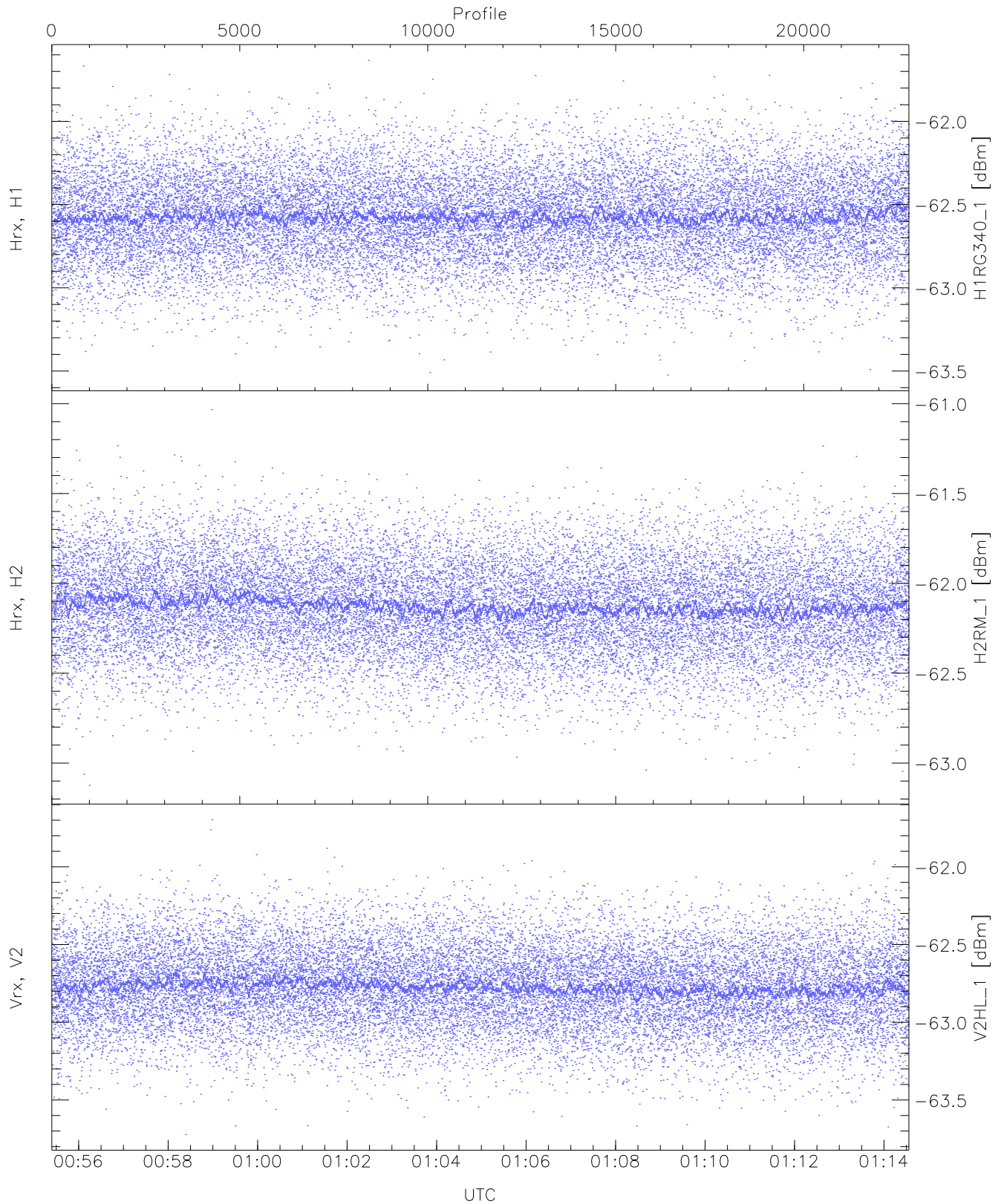
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.76	-58.27	-61.73	-61.74	-74.23
Hrx, H2 (HL [dBm])	-62.75	-59.89	-61.74	-61.74	-74.34
Vrx, V2 (HL [dBm])	-63.28	-61.01	-62.32	-62.33	-74.88



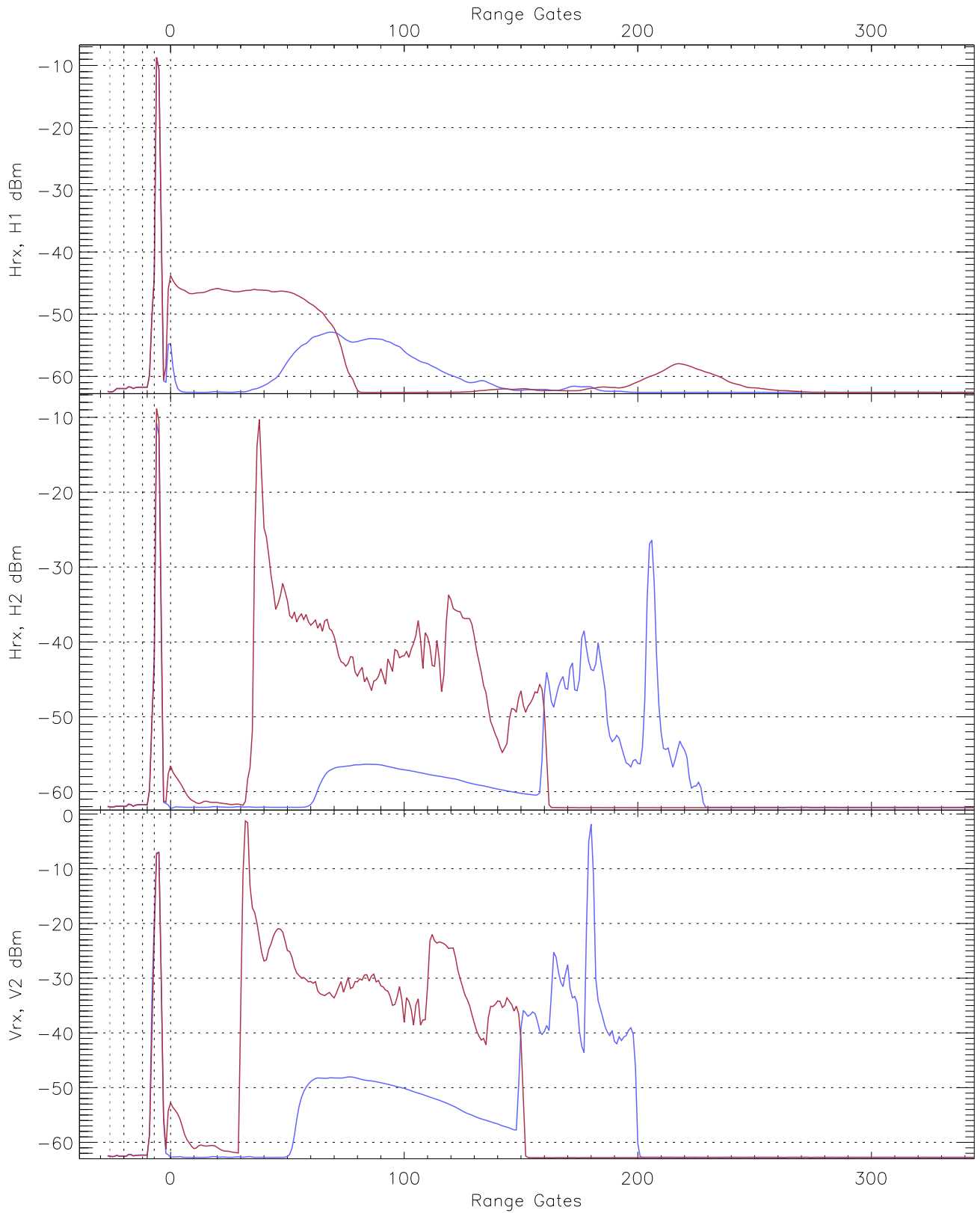
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.51	-55.52	-62.46	-62.47	-74.56
Hrx, H2 (RM [dBm])	-63.02	-60.35	-62.02	-62.03	-74.55
Vrx, V2 (RM [dBm])	-63.37	-56.86	-62.50	-62.50	-74.83

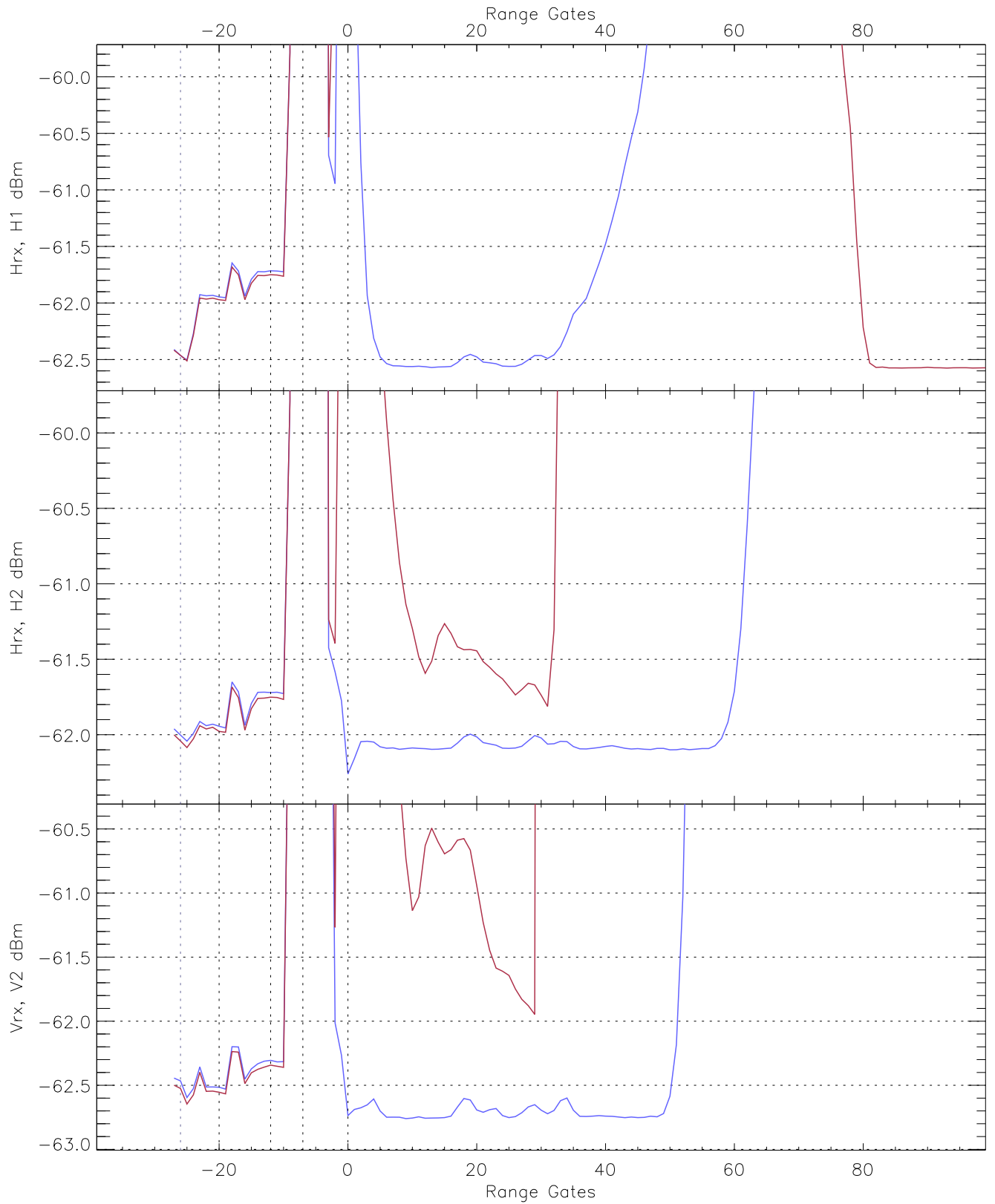


WCR2 CPP "Best" estimate Receivers Noise Power

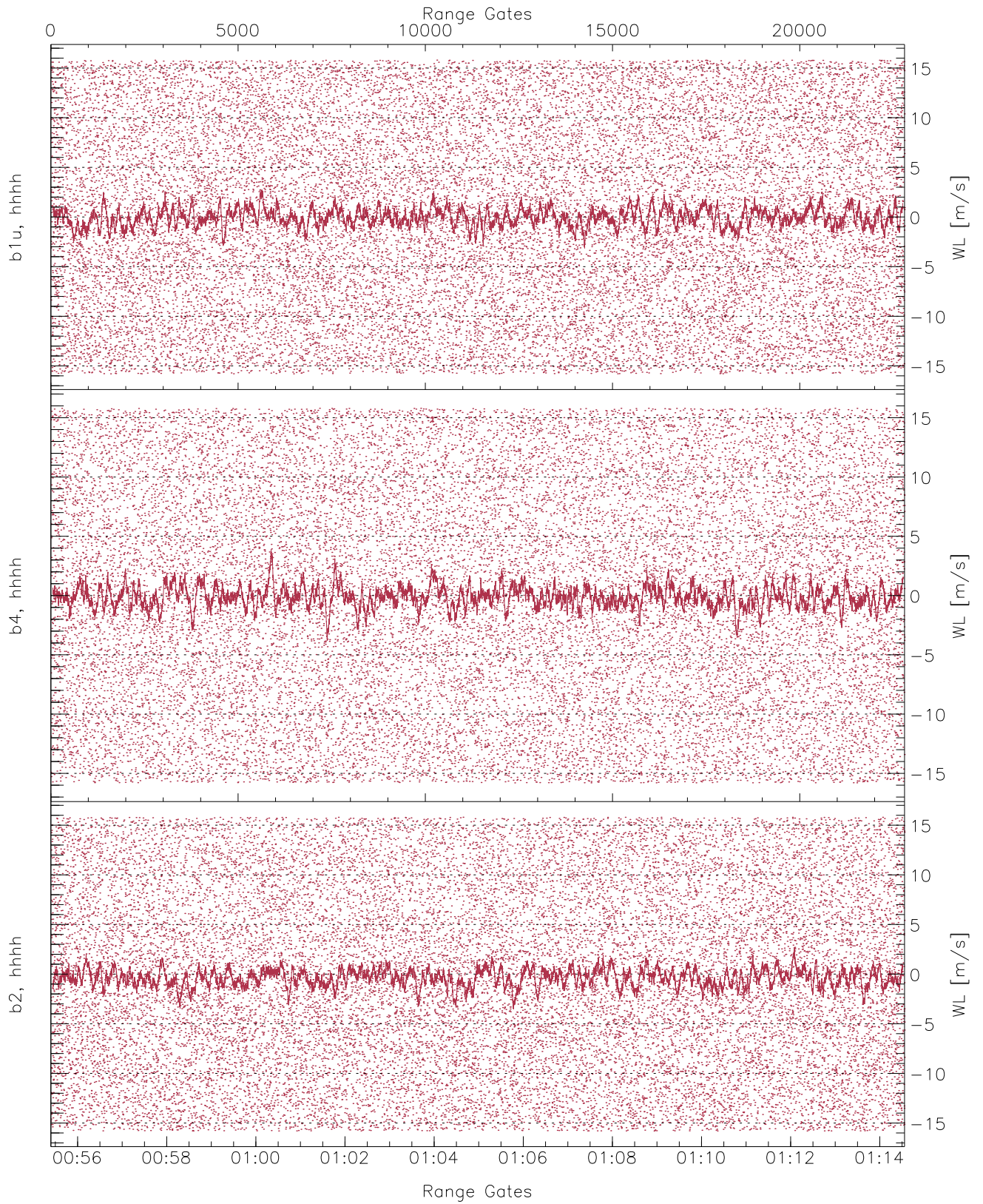
	Min	Max	Mean	Median	StDev
H1RG340_1 [dBm]	-63.52	-61.63	-62.57	-62.58	-75.08
H2RM_1 [dBm]	-63.12	-61.03	-62.12	-62.13	-74.66
V2HL_1 [dBm]	-63.72	-61.70	-62.77	-62.78	-75.33



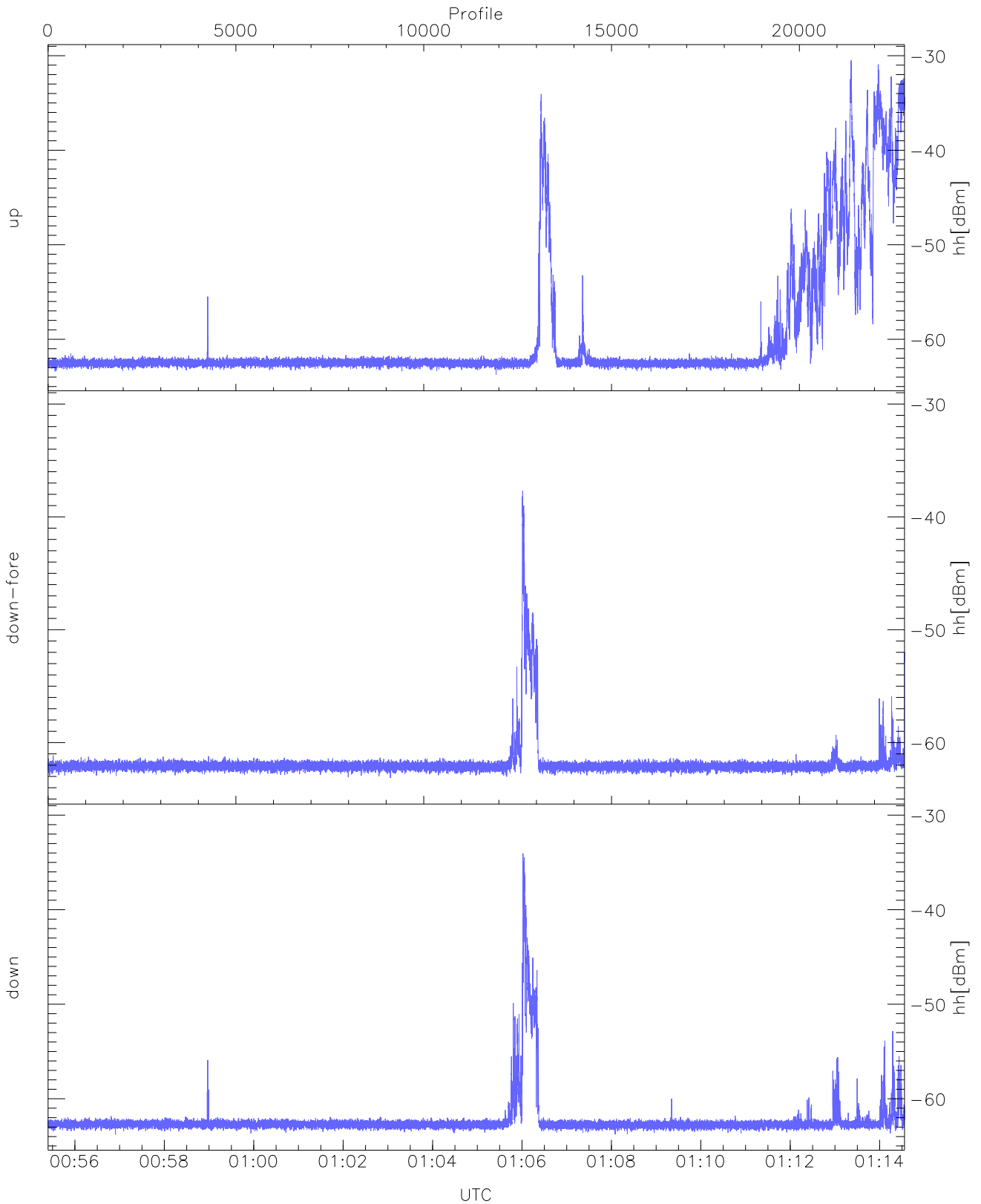
WCR2 CPP Averaged Received power for all recorded gates
blue: 005524-010459, 11401 profiles averaged
red: 010459-011433, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 005524-010459, 11401 profiles averaged
red: 010459-011433, 11400 profiles averaged

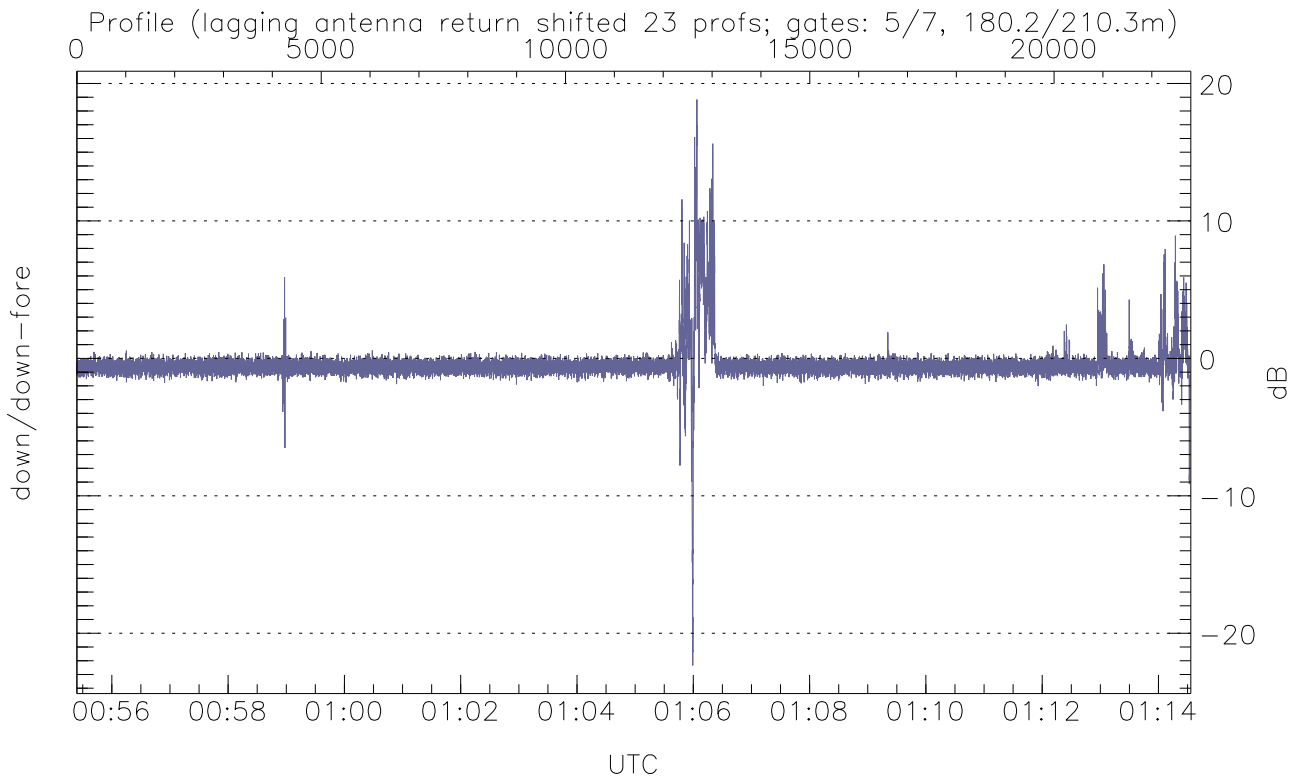
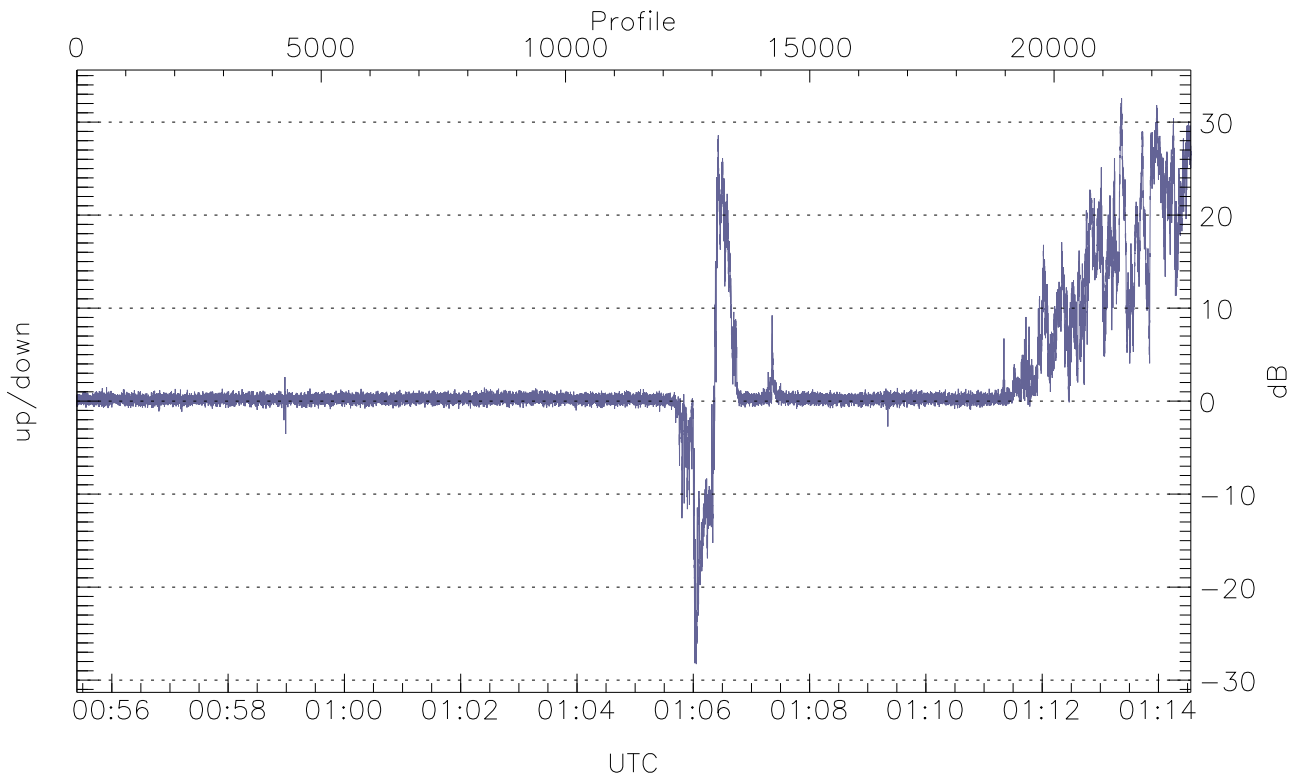


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



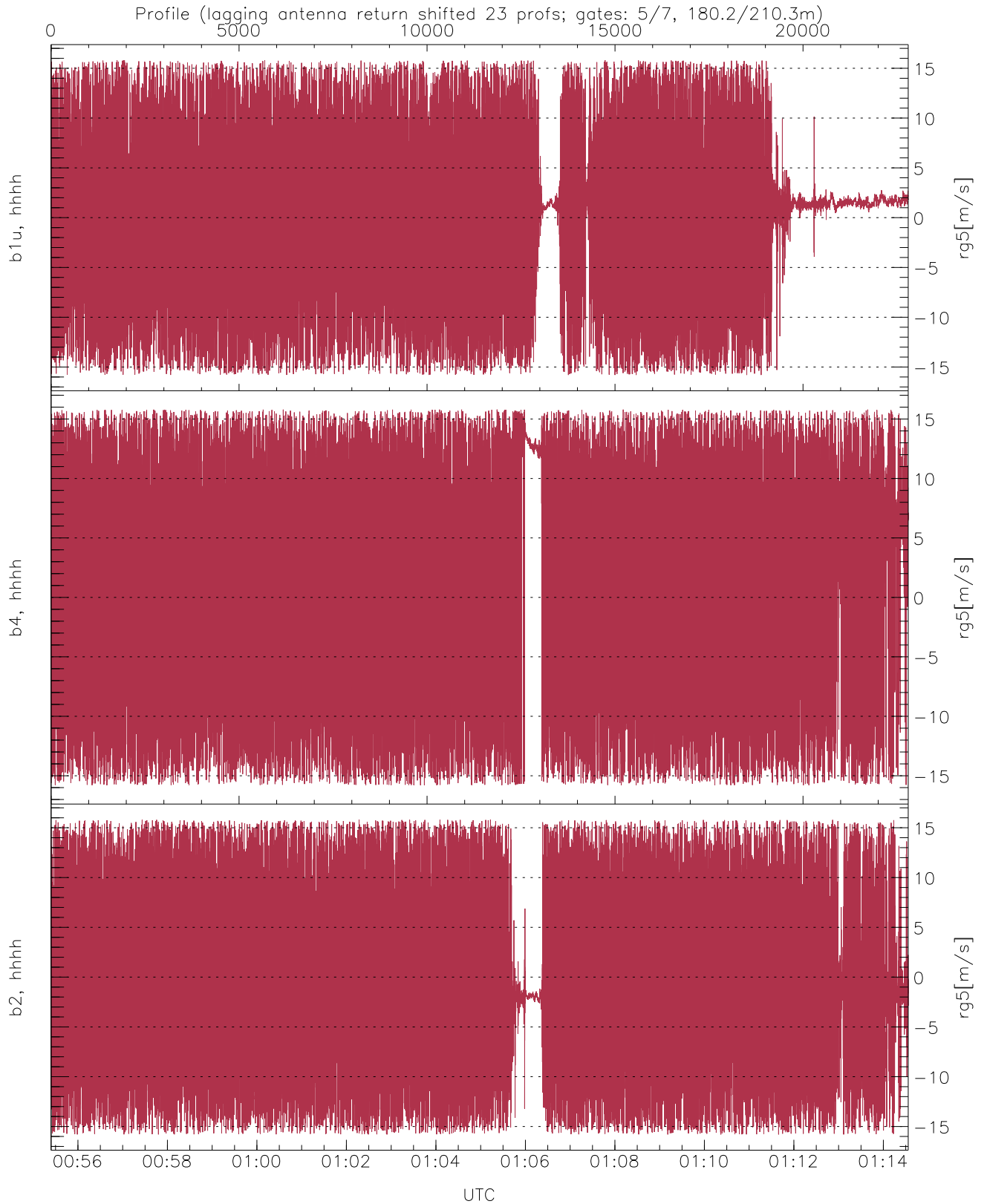
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.76	-30.49	-48.95
down-fore(hh[dBm])	-63.13	-37.70	-60.48
down(hh[dBm])	-63.78	-34.05	-59.03



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

	Min	Max	Mean
up/down (dB)	-28.27	32.56	2.40
down/down-fore (dB)	-22.33	18.83	-0.43



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	0.14	7.46
b4, hhhh(rg5[m/s])	-15.80	15.80	0.46	9.14
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.61	8.70