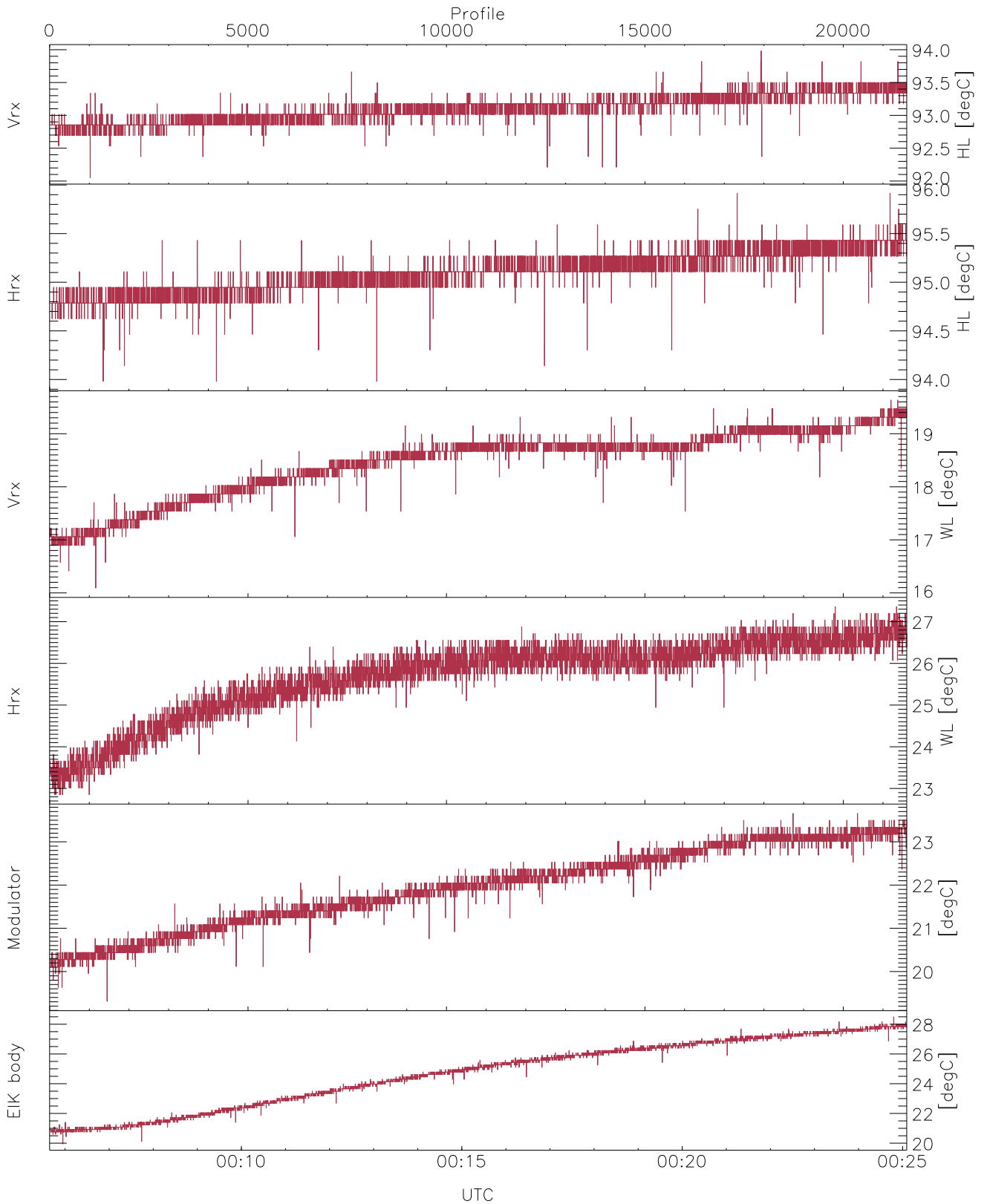


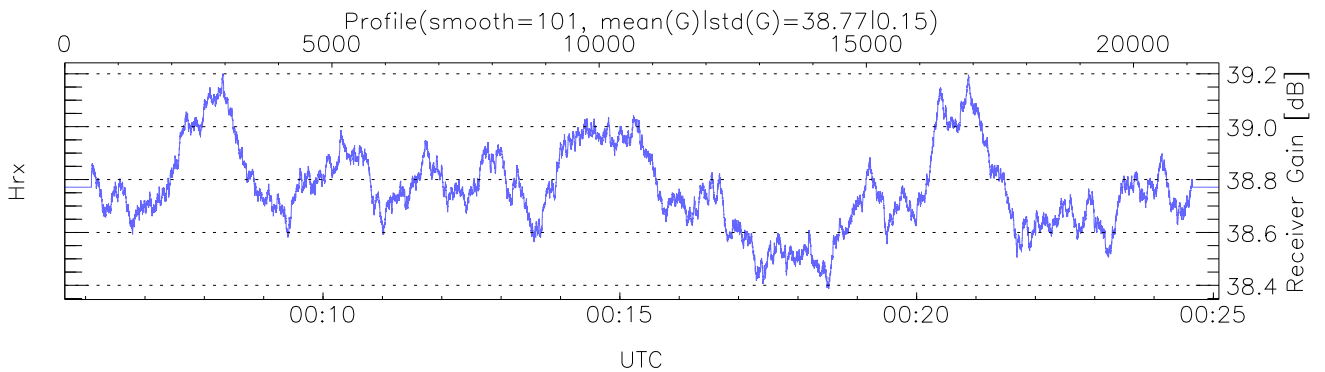
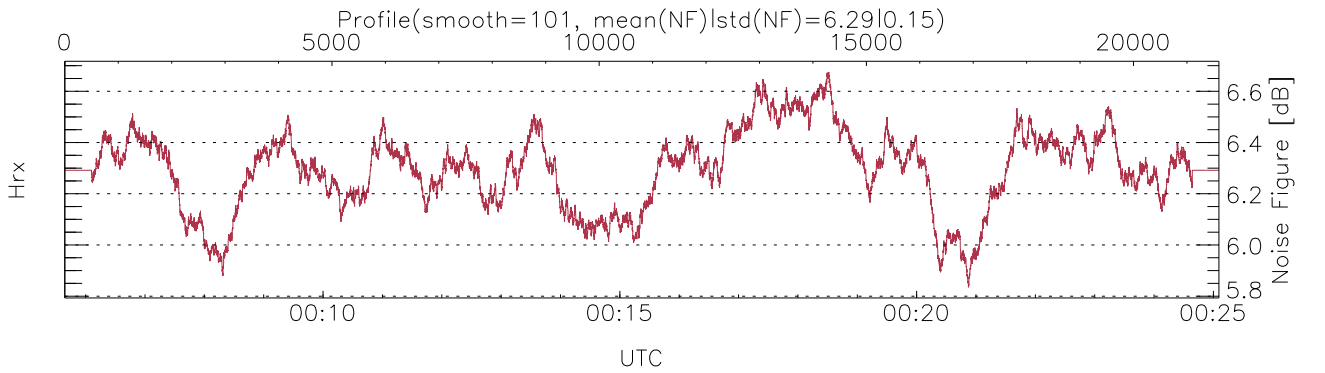
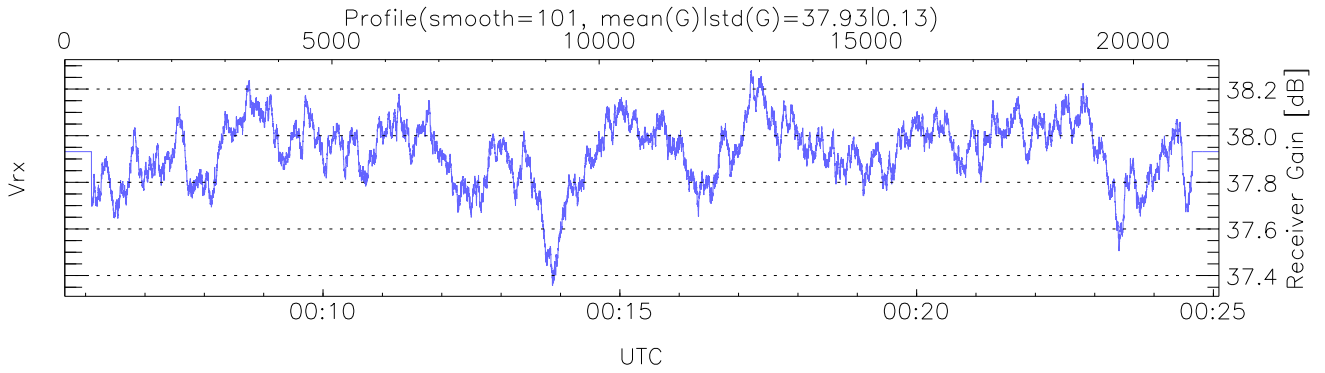
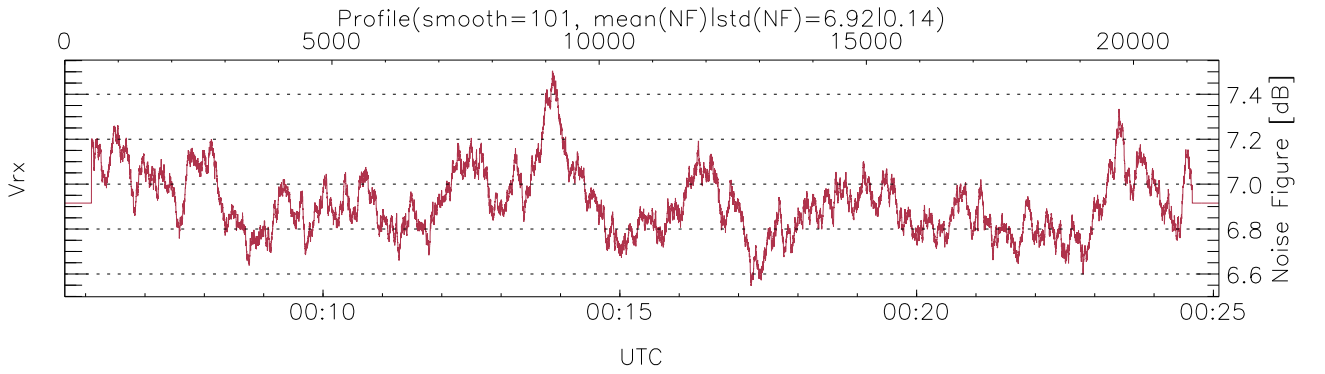
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:05:39-00:49:21, Dur: 2622.03s
 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): 21600/48545, 0-21599/00:05:39-00:25:06
 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,rgs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



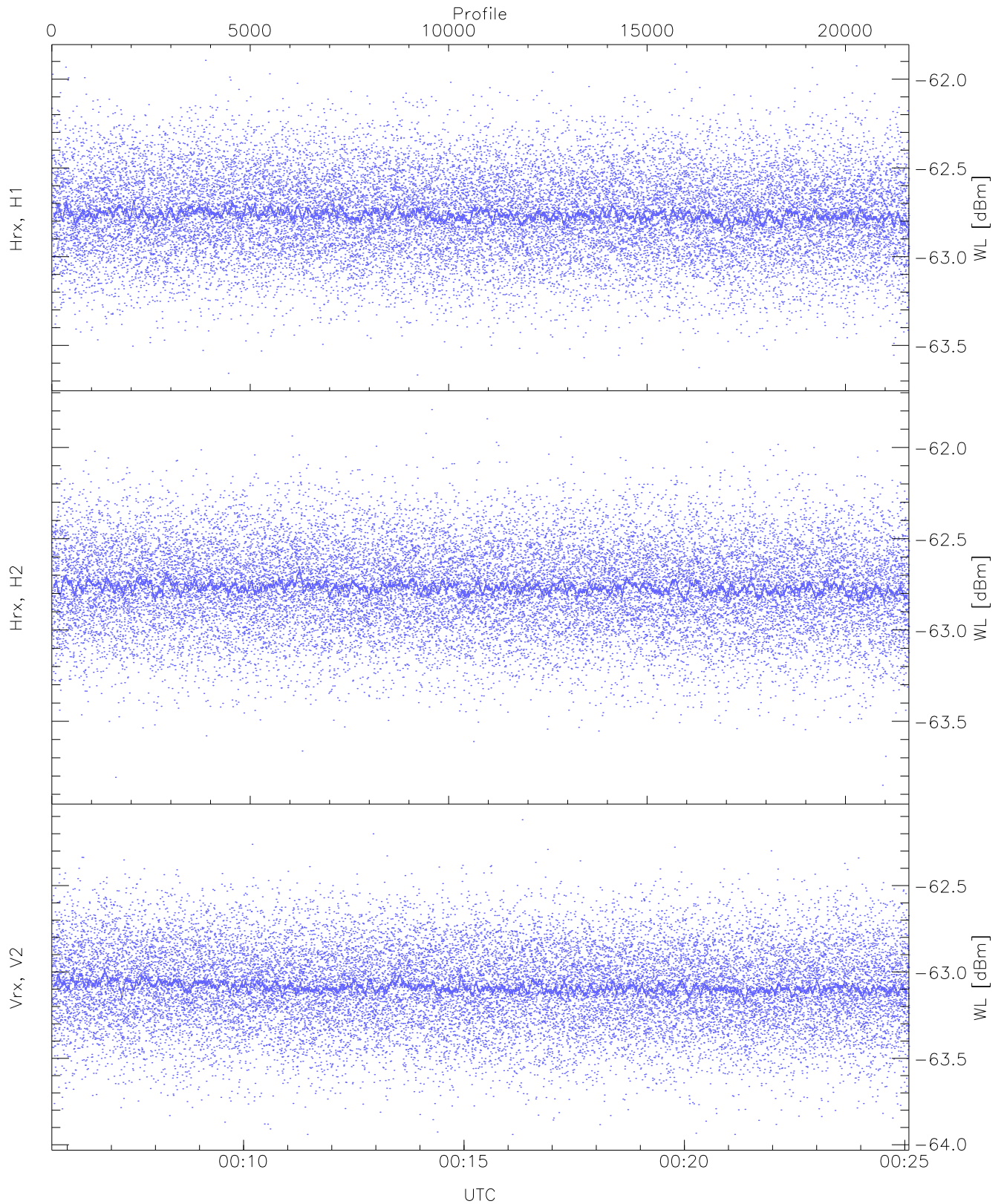
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,22,19,19
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,19,27,23,28
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (6,6,6,11,6,9)



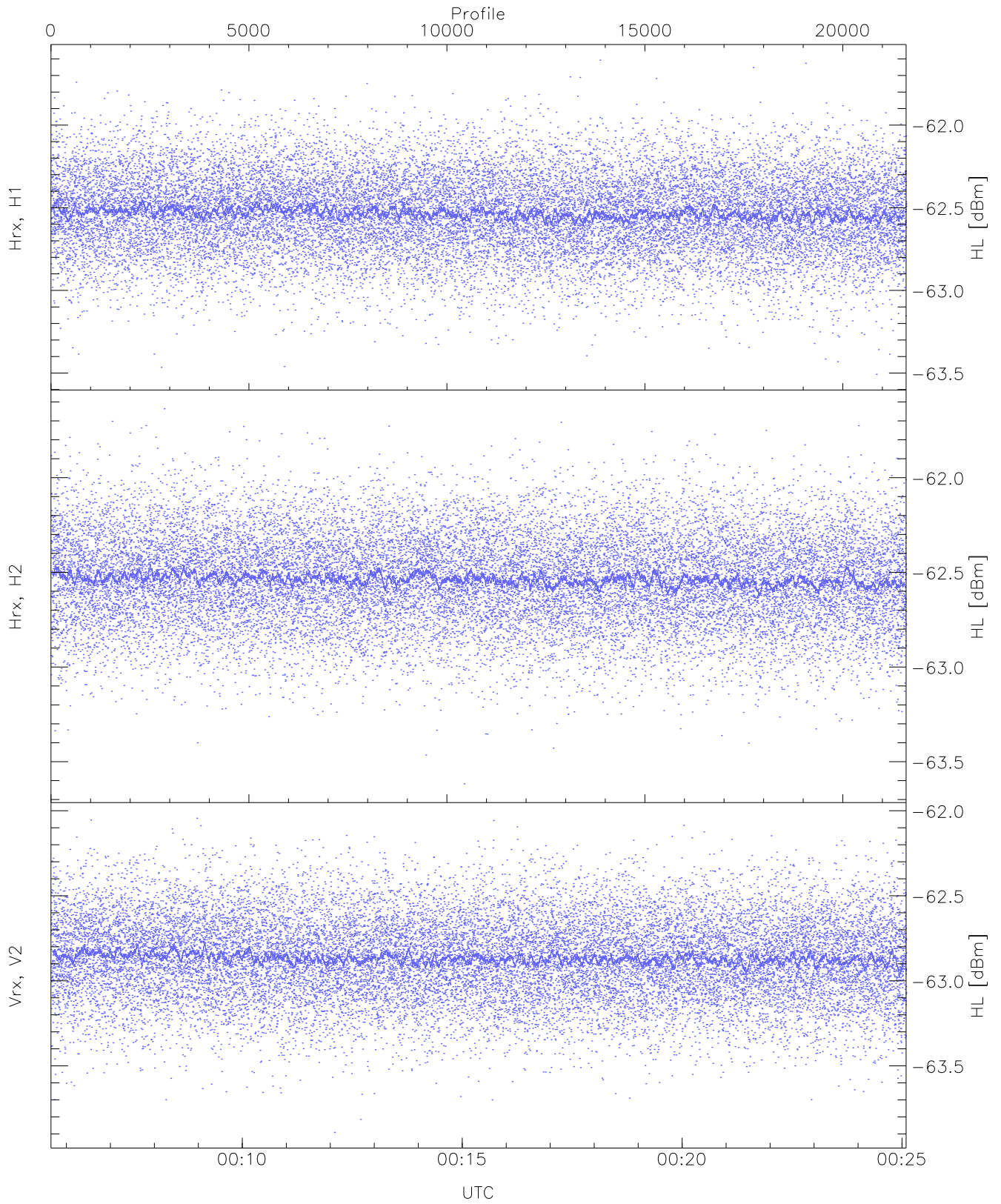
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2908 pixs, 59 gates, 2713 profs, 2 prods



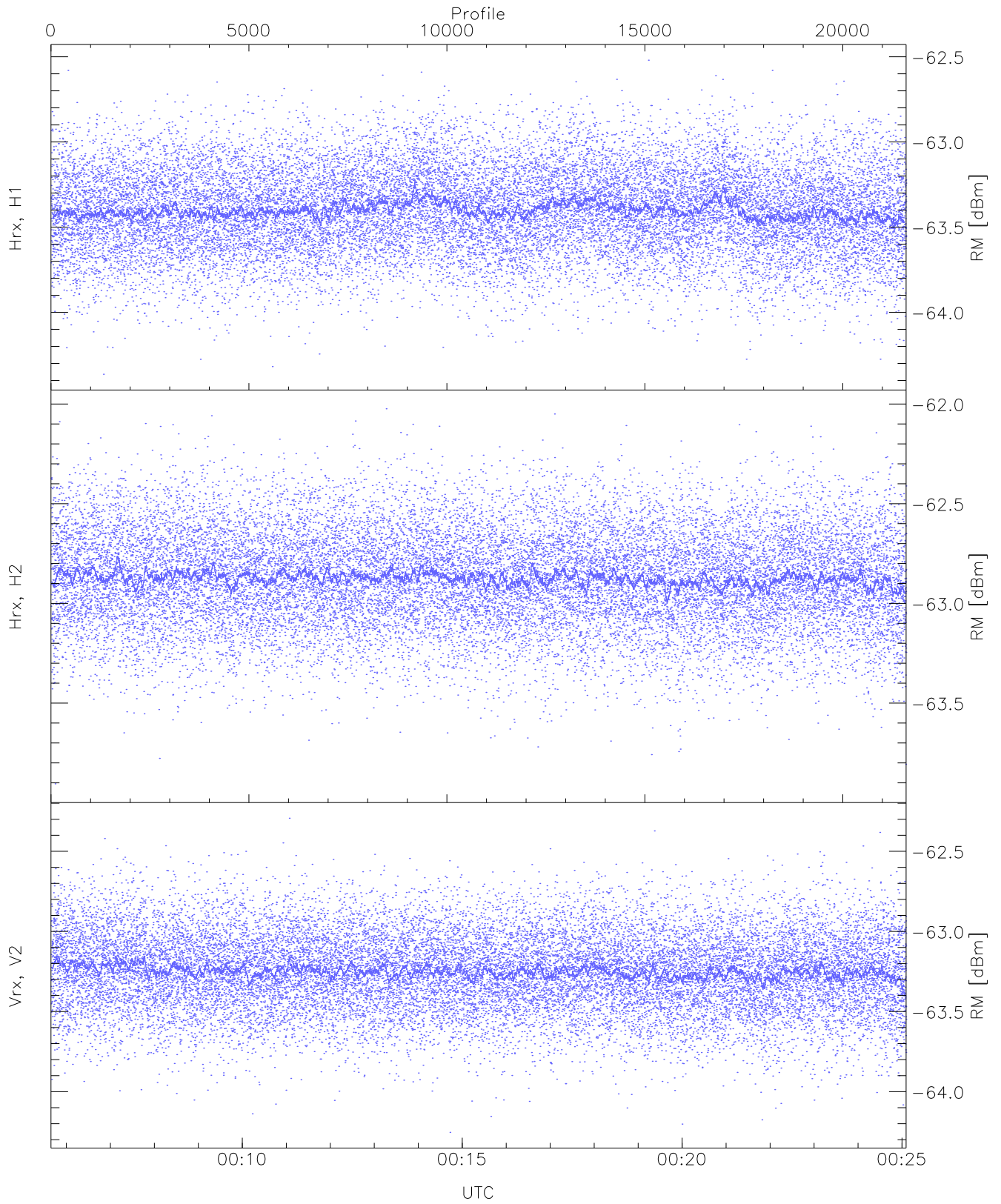
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.67	-61.89	-62.76	-62.77	-75.45
Hrx, H2(WL [dBm])	-63.85	-61.79	-62.76	-62.77	-75.44
Vrx, V2(WL [dBm])	-63.94	-62.12	-63.08	-63.09	-75.79



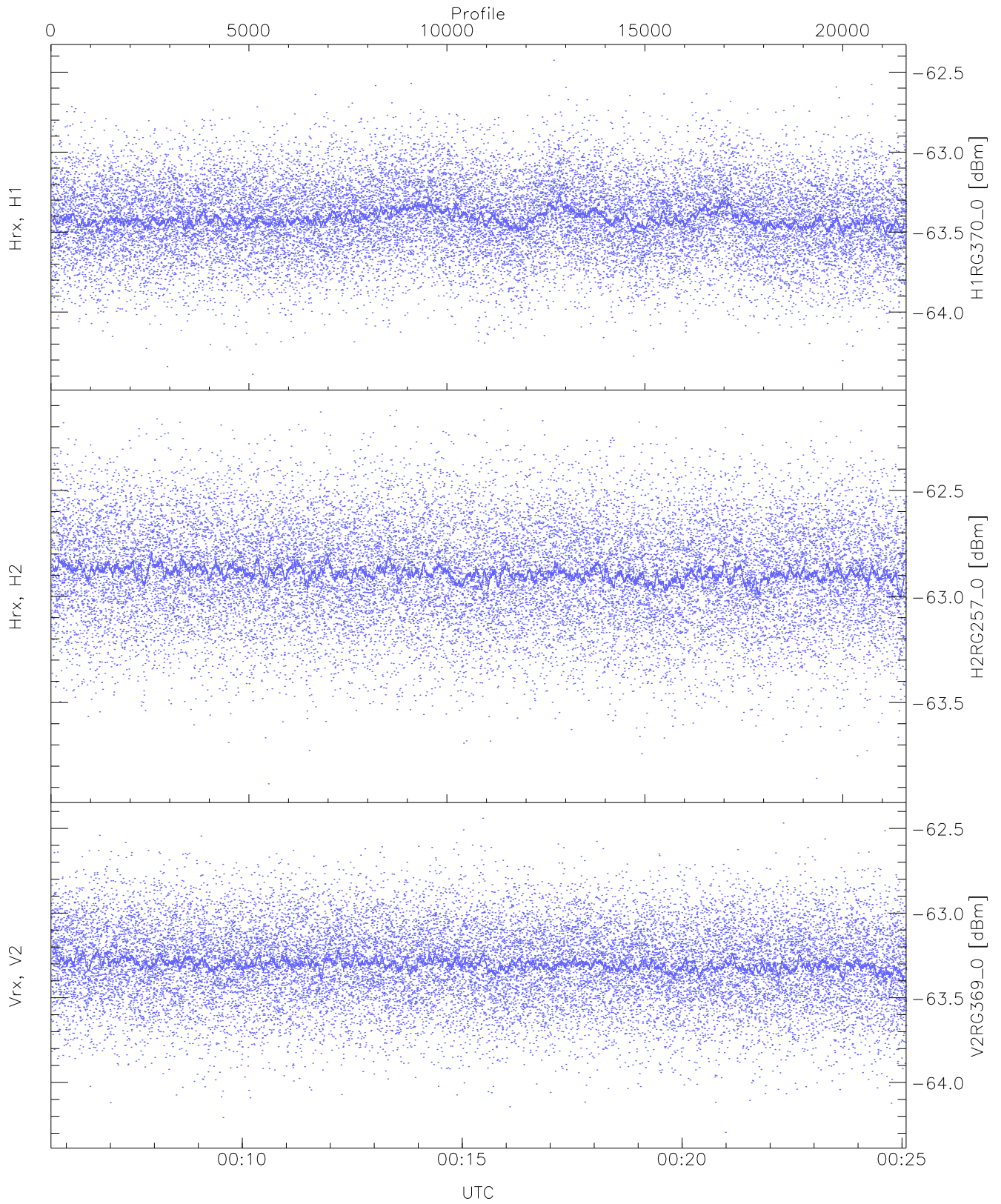
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.51	-61.61	-62.53	-62.53	-75.23
Hrx, H2 (HL [dBm])	-63.62	-61.64	-62.53	-62.54	-75.25
Vrx, V2 (HL [dBm])	-63.89	-62.04	-62.86	-62.87	-75.52



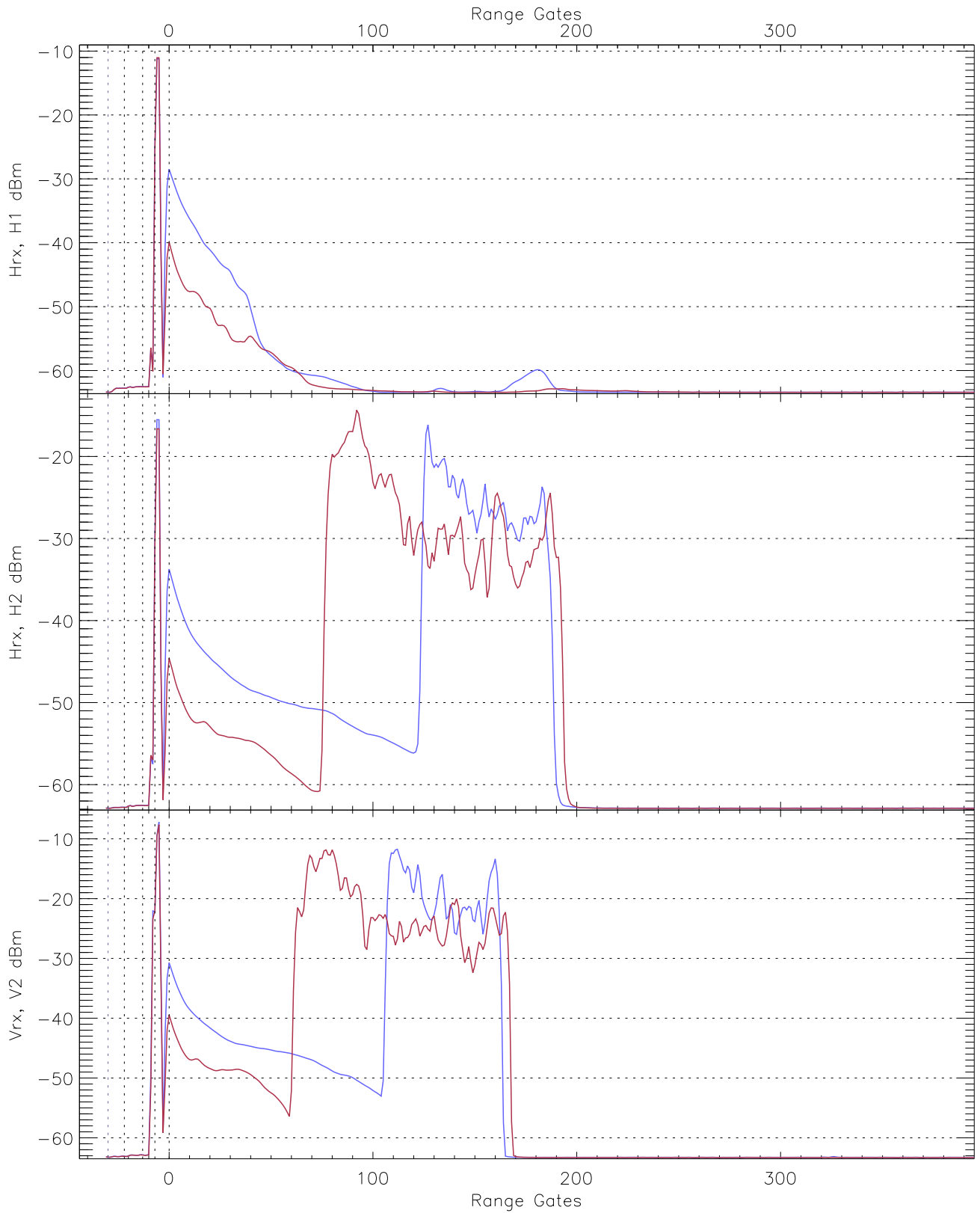
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.36	-62.52	-63.40	-63.40	-76.03
Hrx, H2 (RM [dBm])	-63.90	-62.02	-62.87	-62.88	-75.60
Vrx, V2 (RM [dBm])	-64.25	-62.29	-63.25	-63.25	-75.93

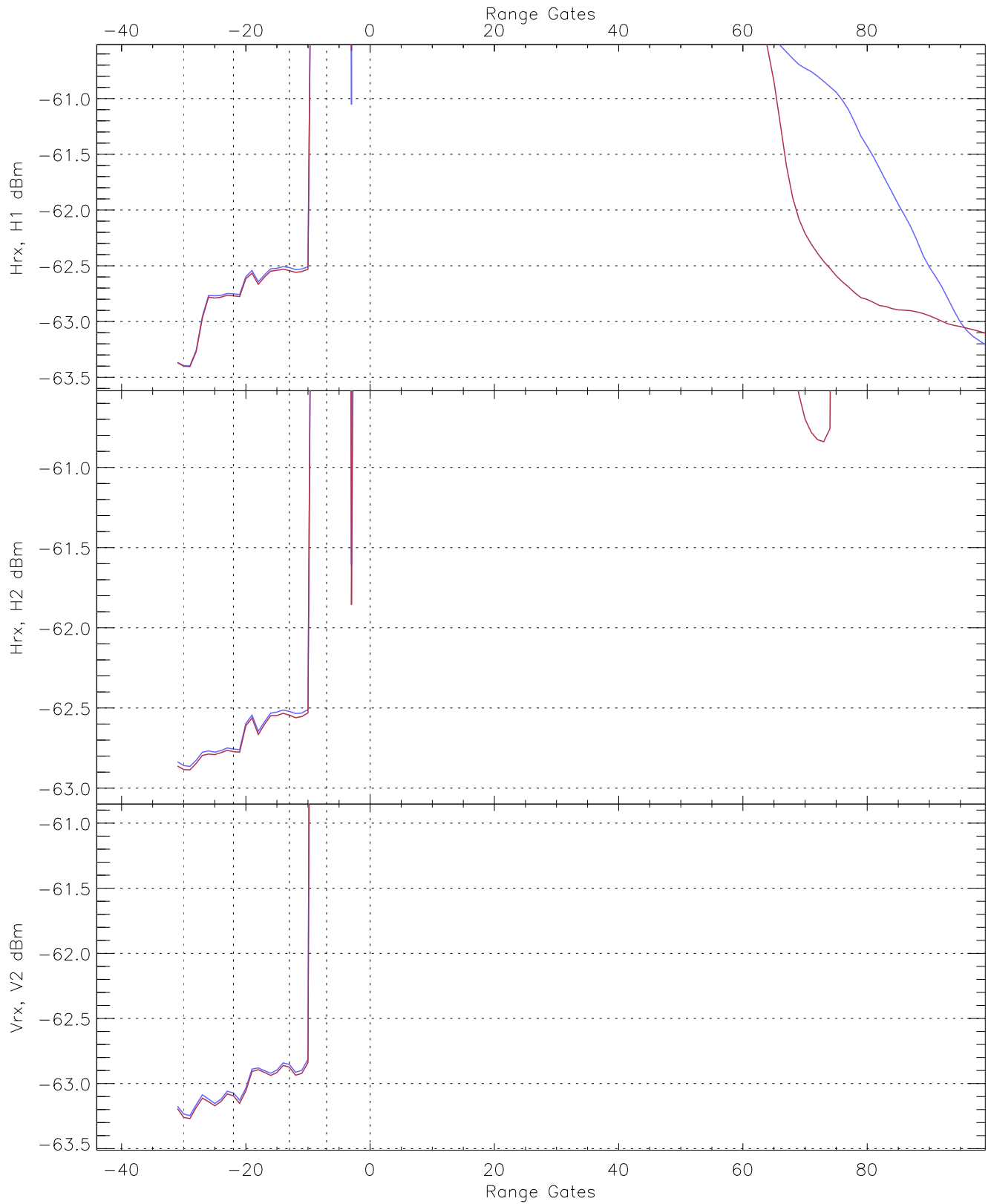


WCR2 CPP "Best" estimate Receivers Noise Power

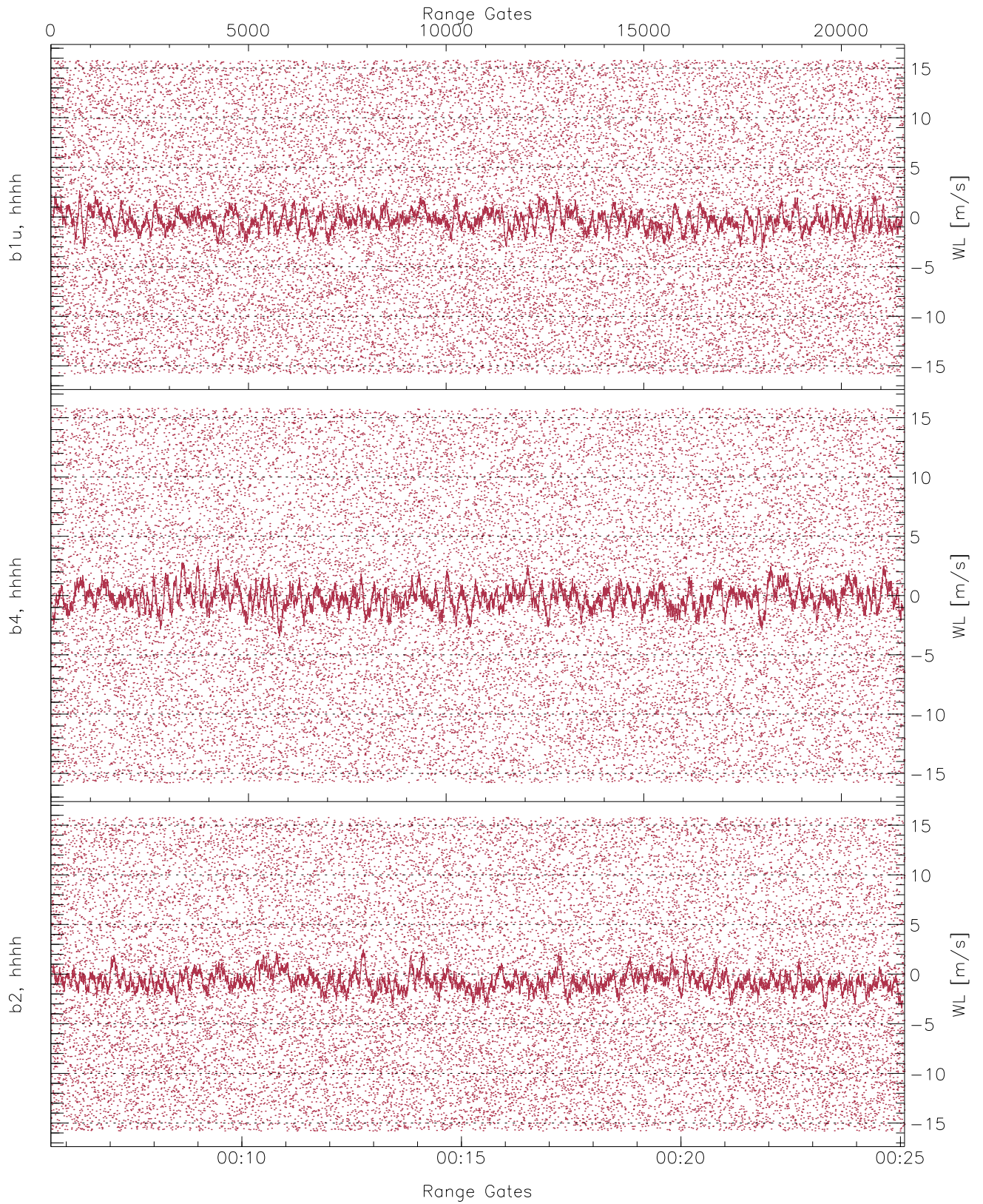
	Min	Max	Mean	Median	StDev
H1RG370_0 [dBm]	-64.39	-62.43	-63.41	-63.41	-76.08
H2RG257_0 [dBm]	-63.88	-62.12	-62.89	-62.89	-75.60
V2RG369_0 [dBm]	-64.29	-62.44	-63.30	-63.30	-76.02



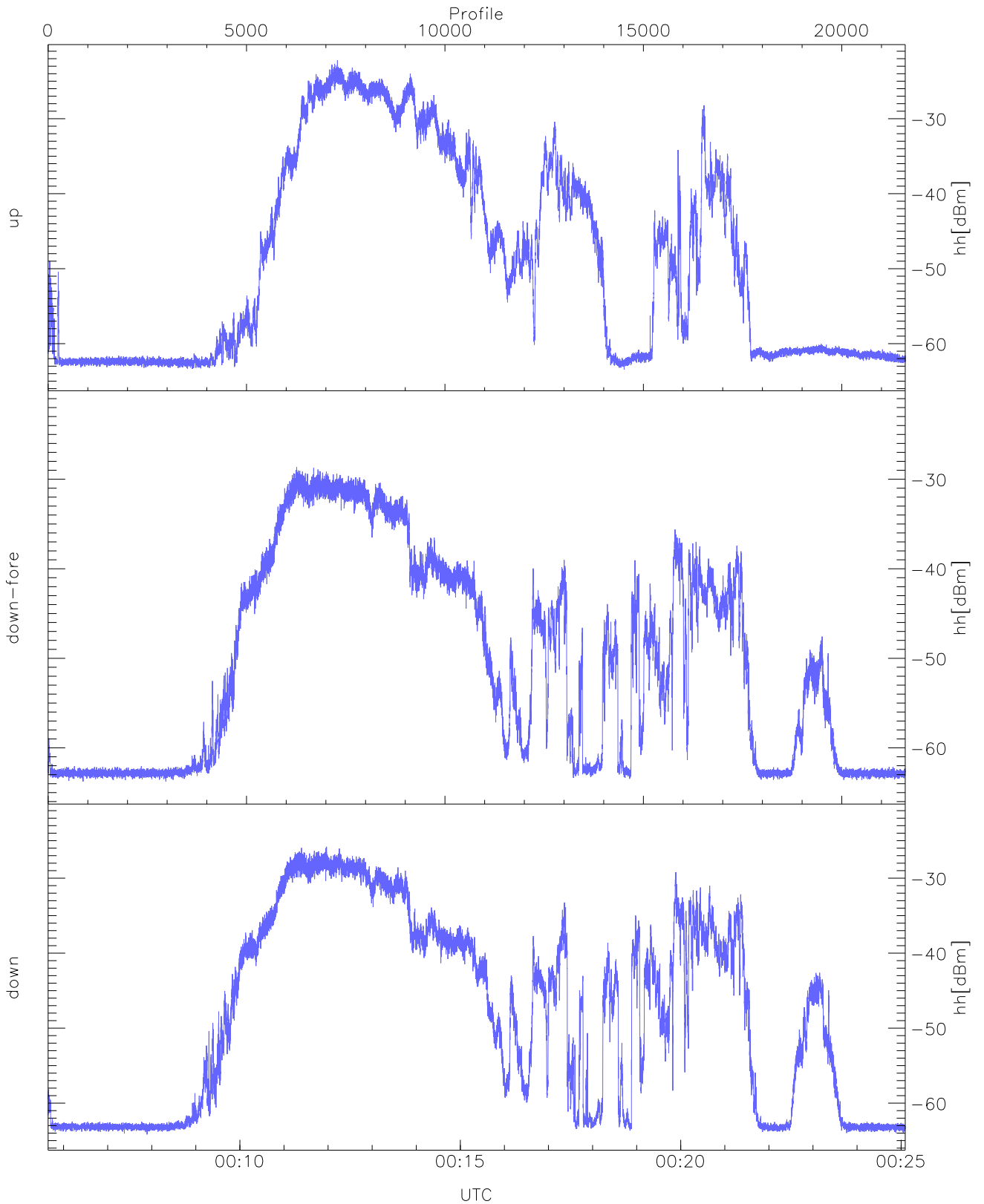
WCR2 CPP Averaged Received power for all recorded gates
blue: 000539-001522, 10801 profiles averaged
red: 001522-002506, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 000539-001522, 10801 profiles averaged
red: 001522-002506, 10800 profiles averaged

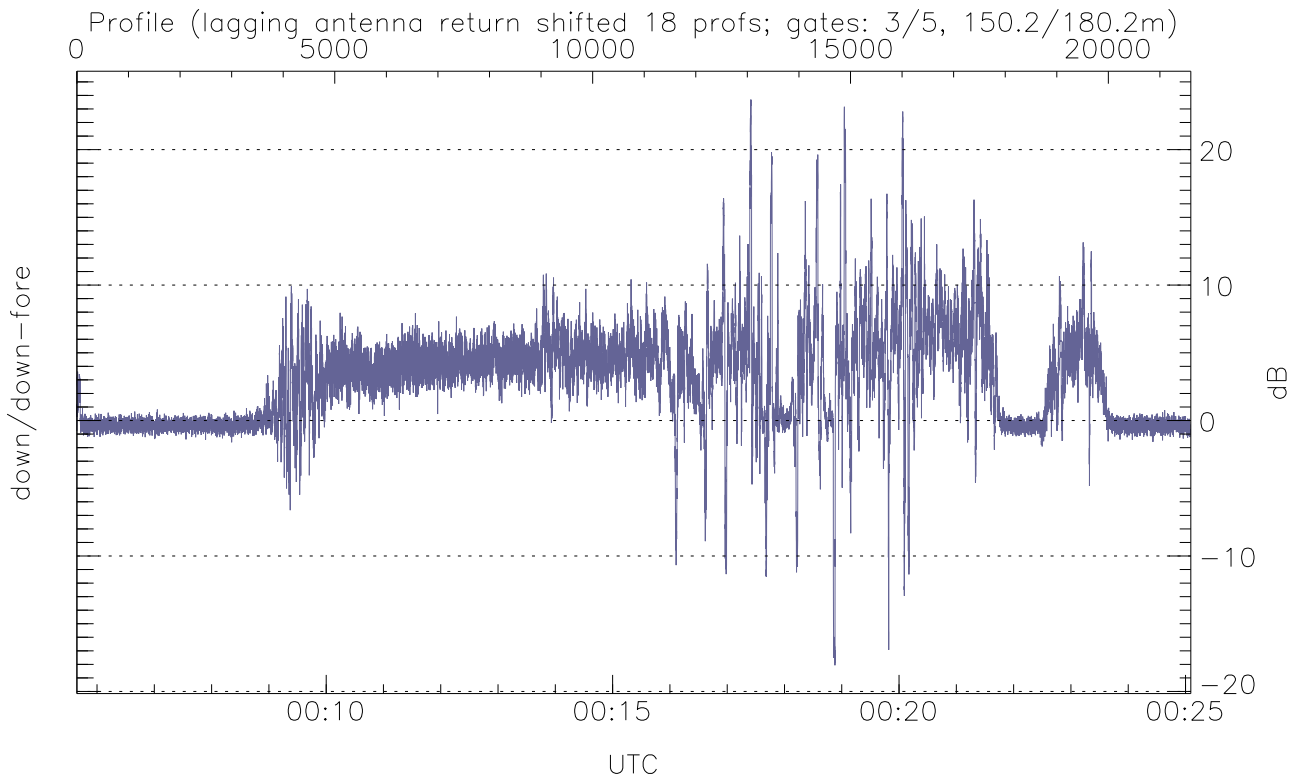
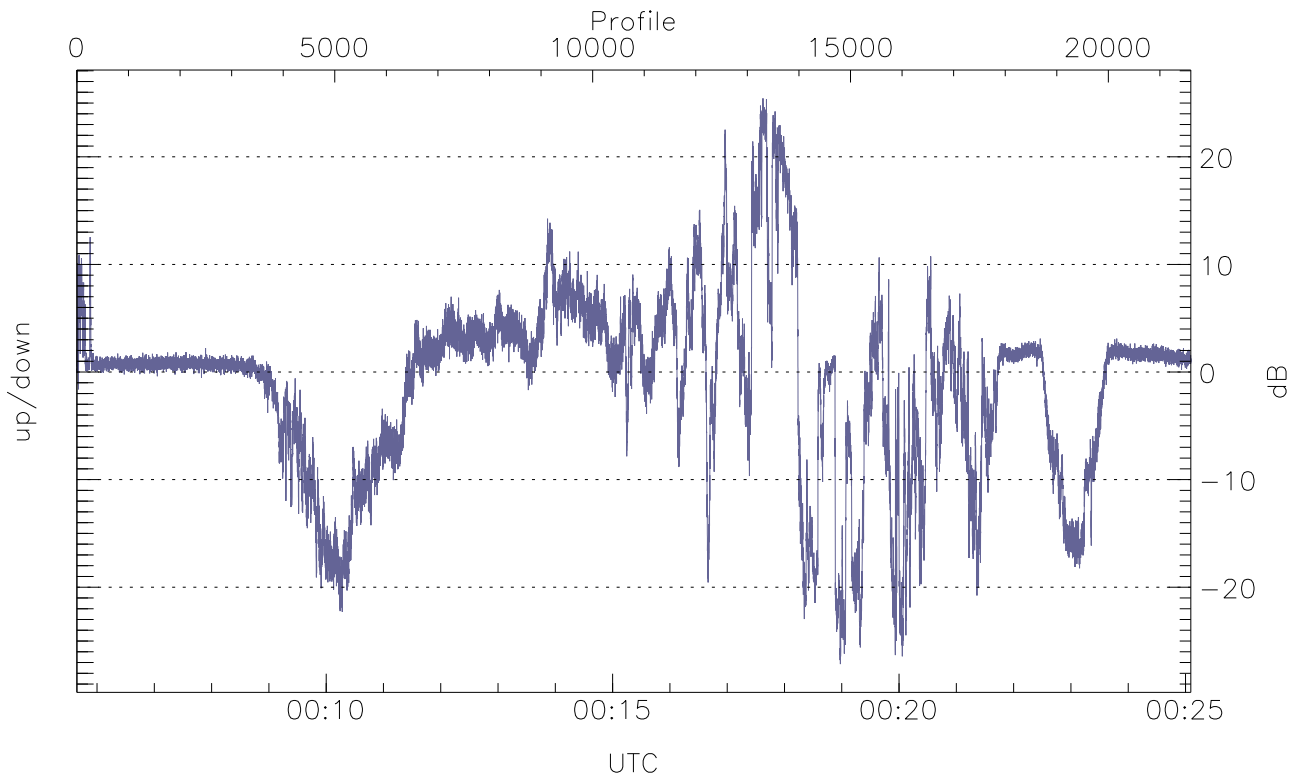


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



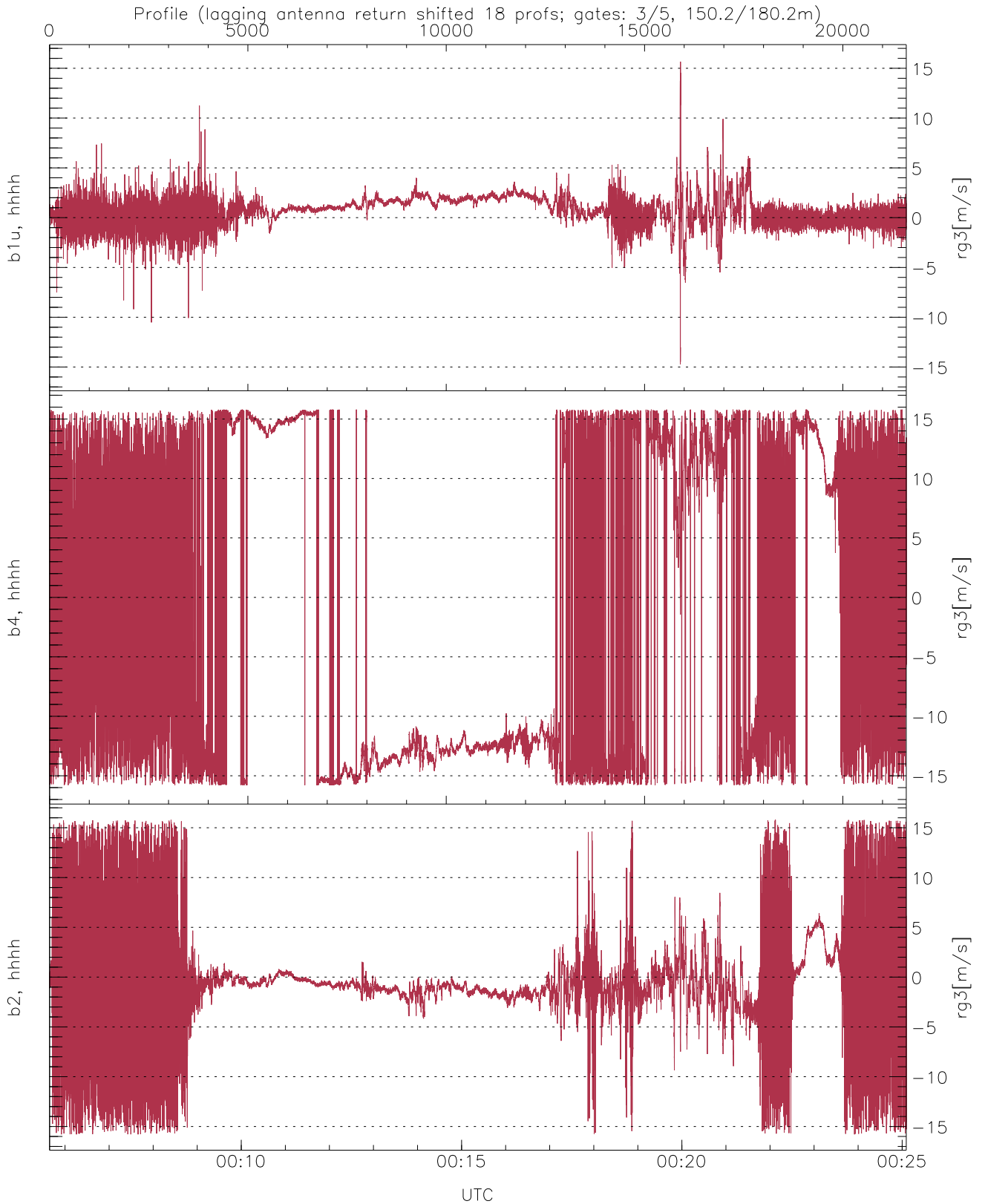
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.44	-22.21	-34.05
down-fore(hh[dBm])	-63.76	-28.66	-39.14
down(hh[dBm])	-64.18	-25.81	-36.27



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

	Min	Max	Mean
up/down (dB)	-27.14	25.44	-0.96
down/down-fore (dB)	-18.07	23.70	2.96



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-14.73	15.67	0.71	1.41
b4, hhhh(rg3[m/s])	-15.80	15.80	-1.33	12.41
b2, hhhh(rg3[m/s])	-15.79	15.80	-0.67	4.83