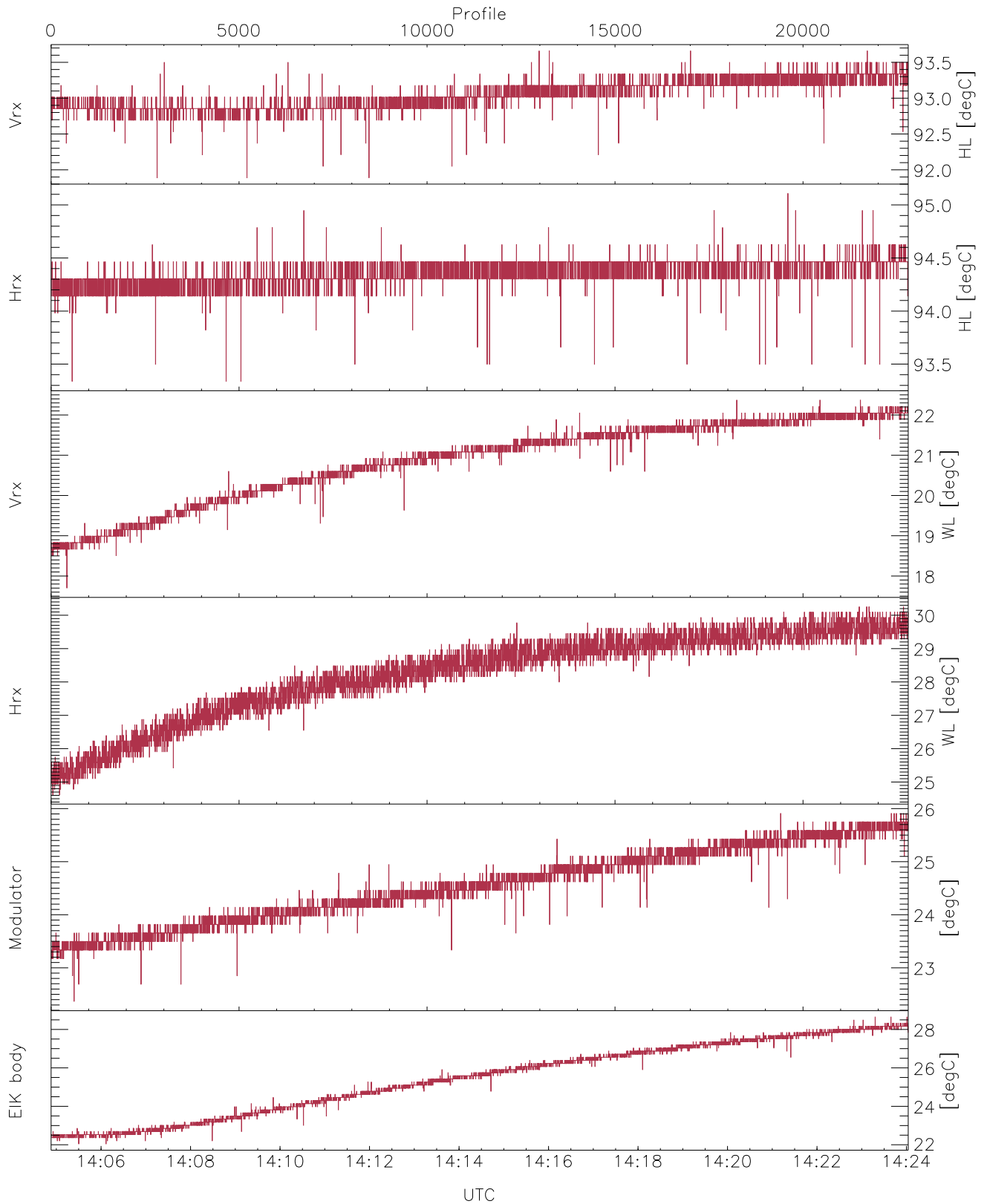


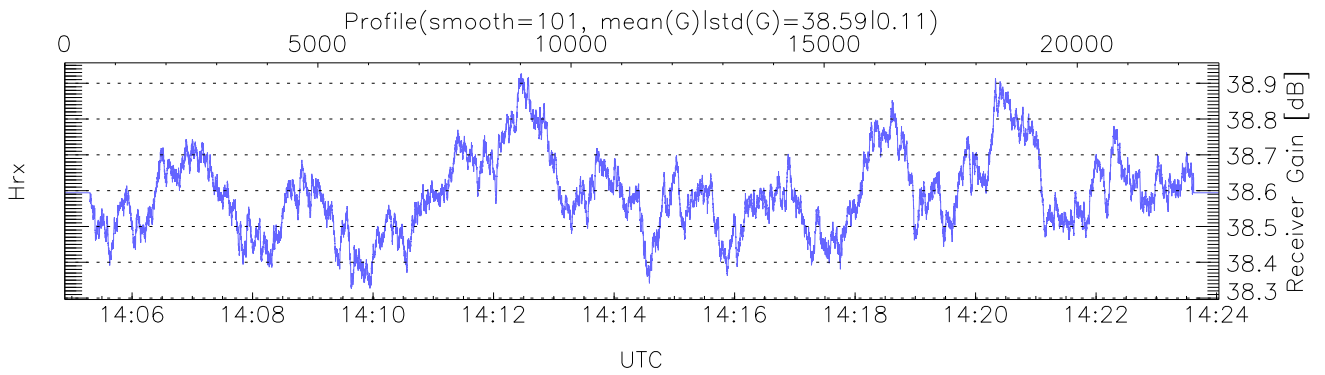
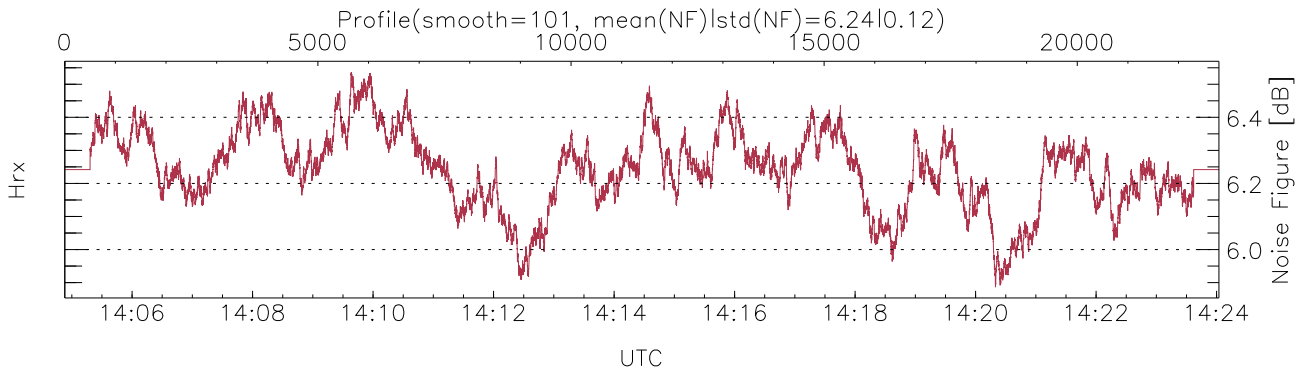
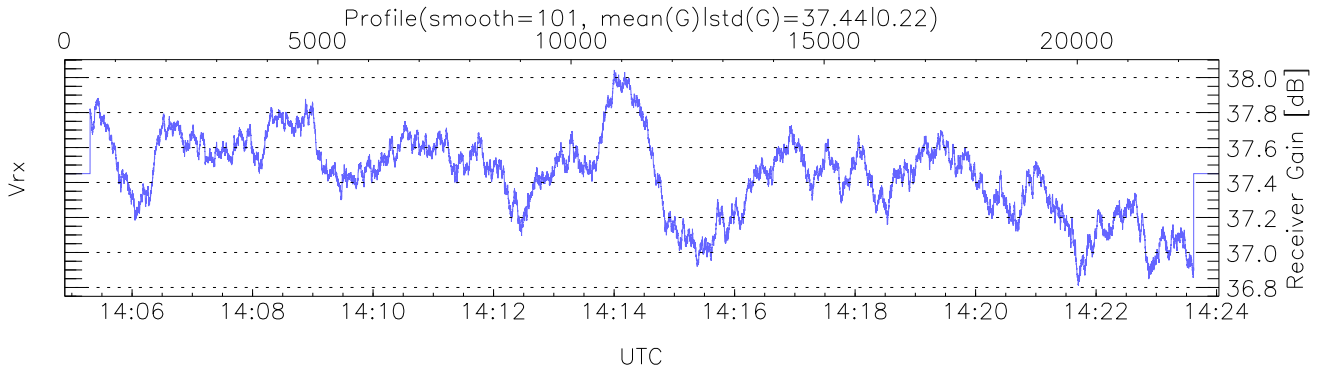
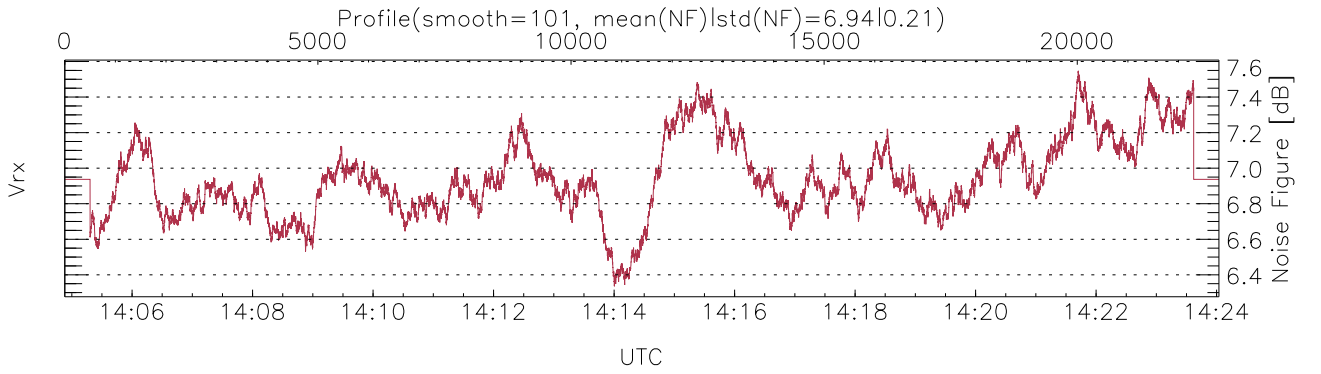
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:04:53-14:34:06, Dur: 1752.64s
 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): 22800/34767, 0-22799/14:04:53-14:24:02
 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



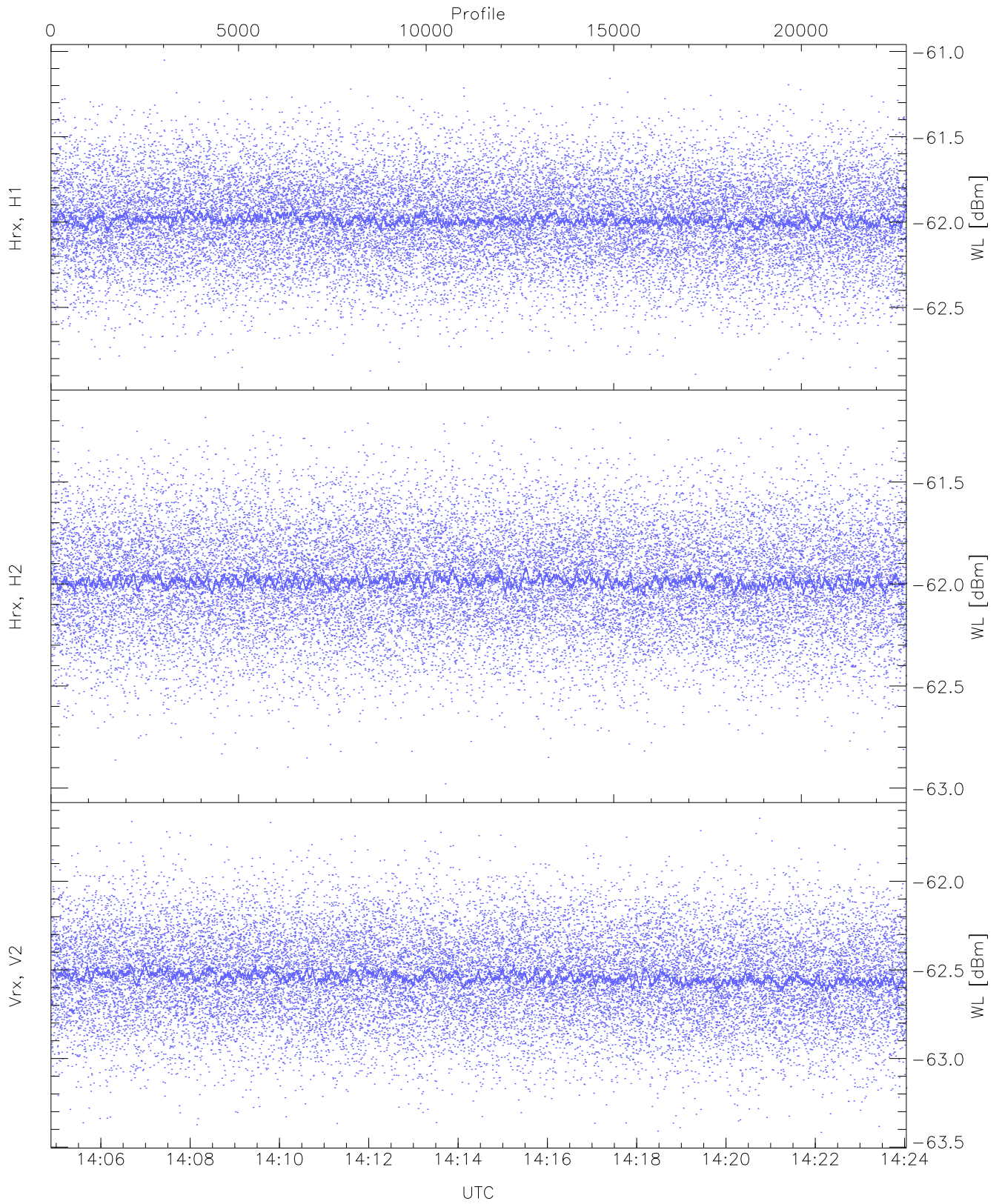
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,17,24,22,22`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,25,28`
`LOalarm(20,80,240,2.8,14.8 MHz): None`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (6,6,11,11,11,10)`



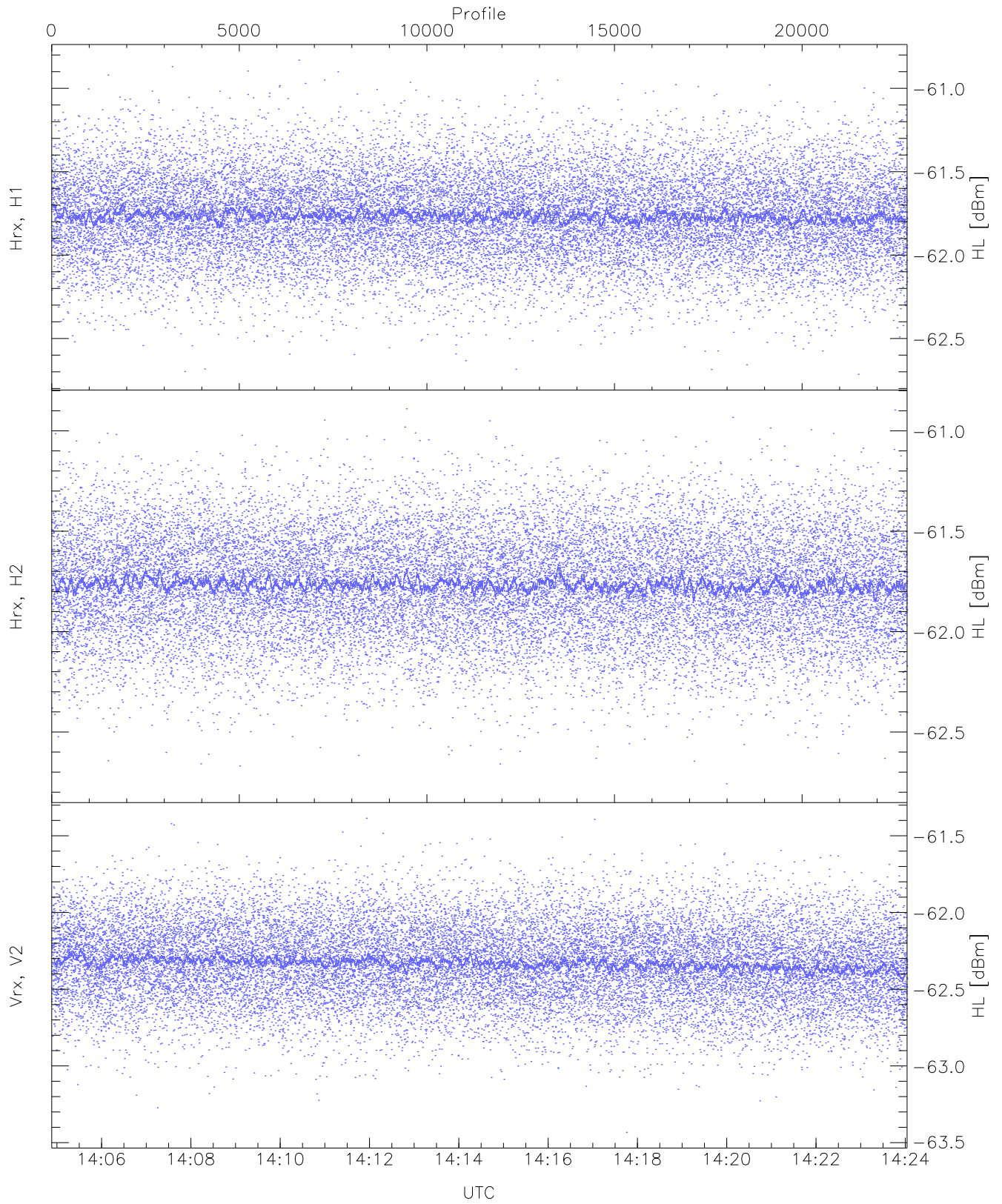
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 17037 pixs, 53 gates, 14492 profs, 2 prods



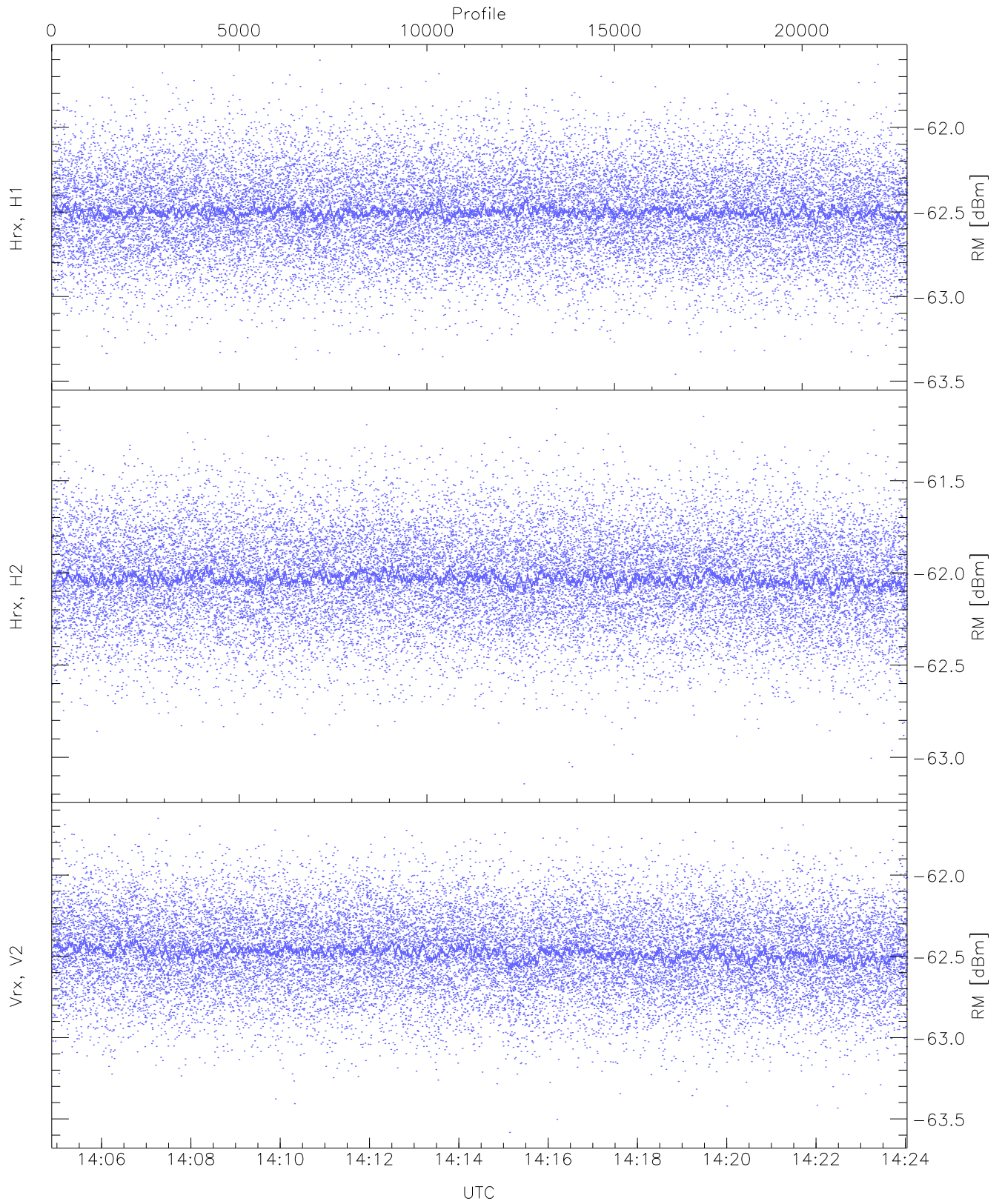
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.89	-61.05	-61.98	-61.99	-74.59
Hrx, H2(WL [dBm])	-62.98	-61.14	-61.98	-61.99	-74.56
Vrx, V2(WL [dBm])	-63.42	-61.64	-62.54	-62.54	-75.08



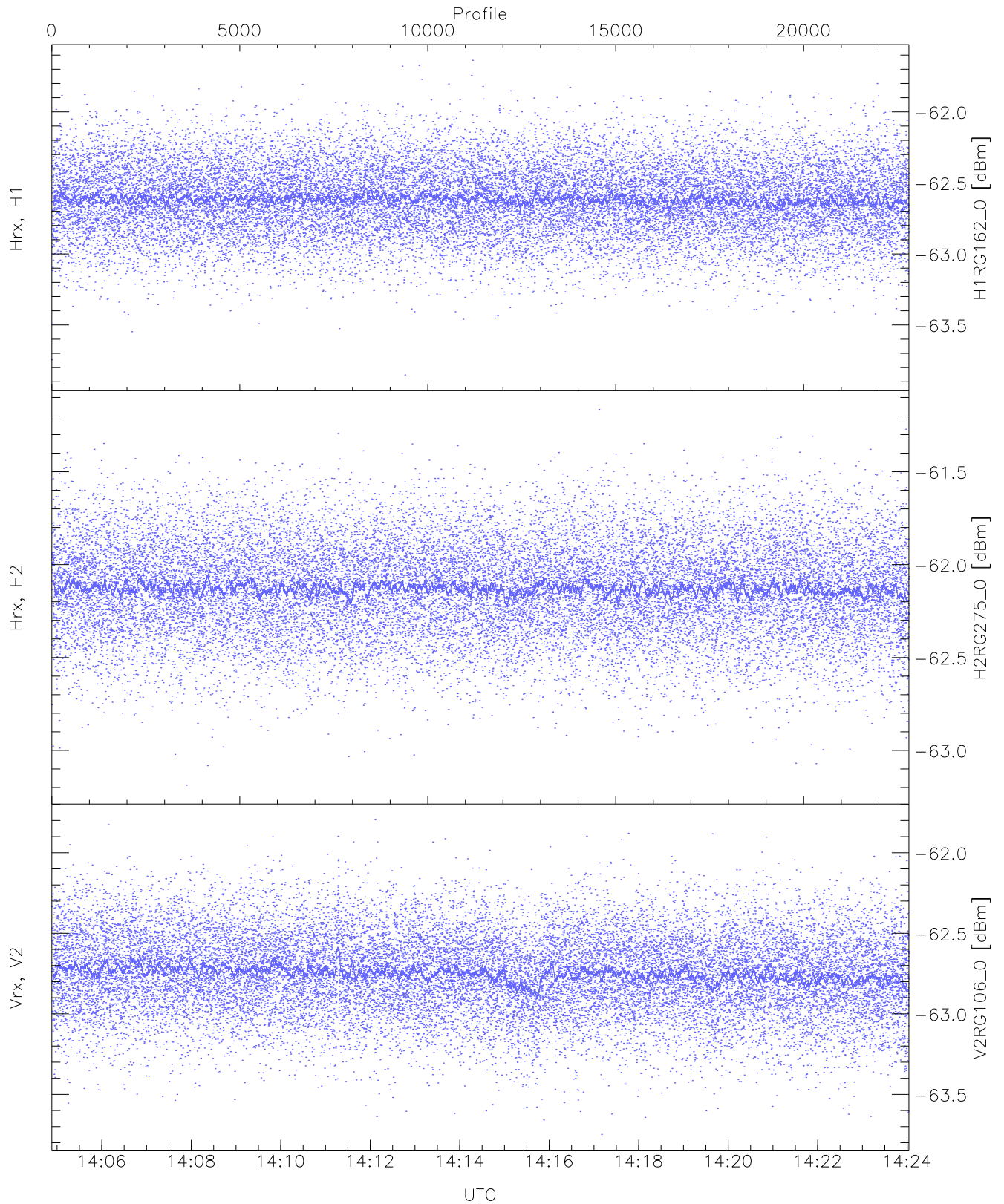
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.71	-60.83	-61.76	-61.77	-74.33
Hrx, H2 (HL [dBm])	-62.76	-60.89	-61.76	-61.77	-74.33
Vrx, V2 (HL [dBm])	-63.43	-61.39	-62.33	-62.33	-74.87



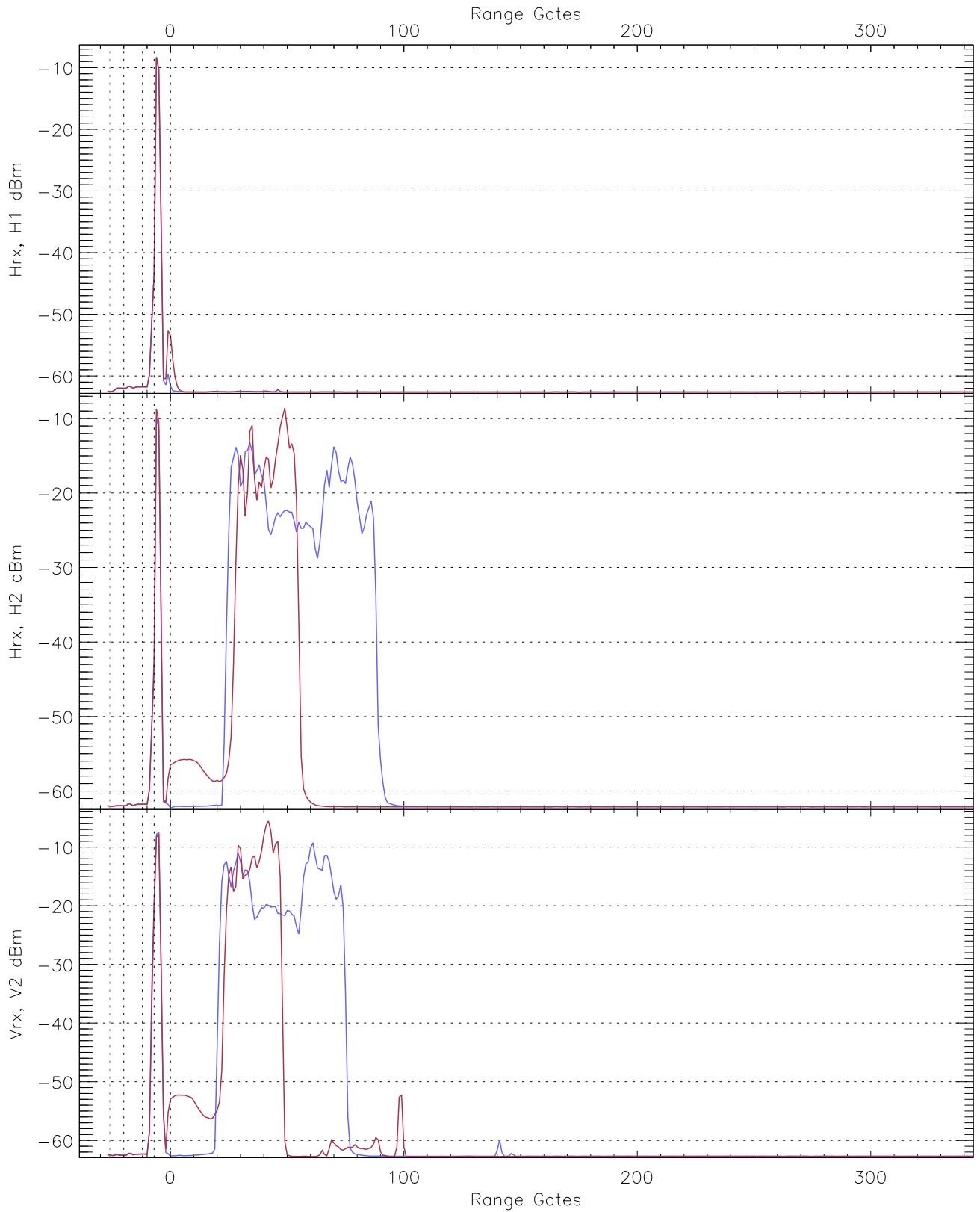
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.46	-61.60	-62.50	-62.50	-75.04
Hrx, H2(RM [dBm])	-63.14	-61.11	-62.03	-62.03	-74.58
Vrx, V2(RM [dBm])	-63.58	-61.65	-62.47	-62.48	-75.02

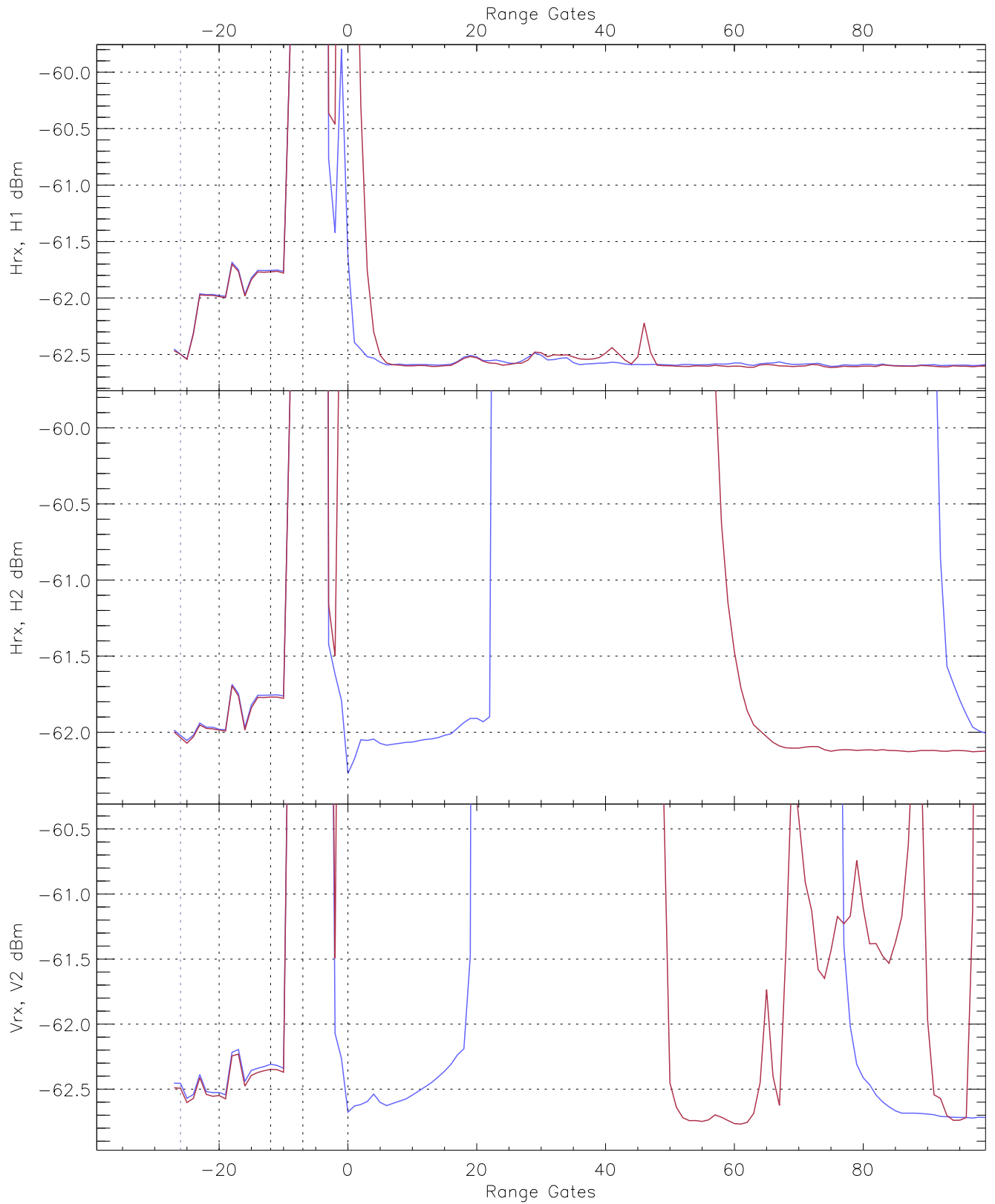


WCR2 CPP "Best" estimate Receivers Noise Power

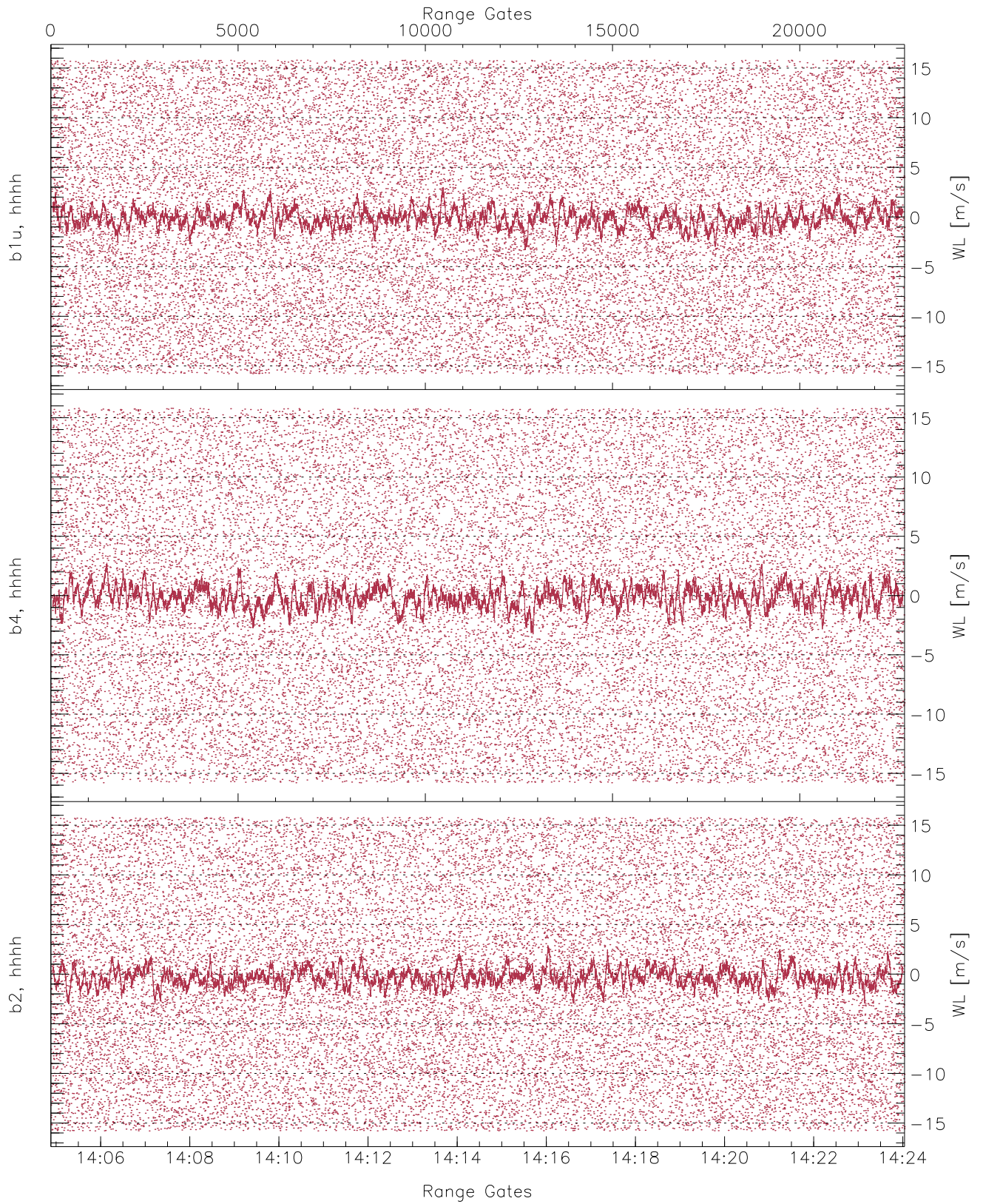
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.85	-61.64	-62.61	-62.62	-75.15
H2RG275_0 [dBm]	-63.19	-61.16	-62.13	-62.13	-74.66
V2RG106_0 [dBm]	-63.75	-61.80	-62.75	-62.75	-75.26



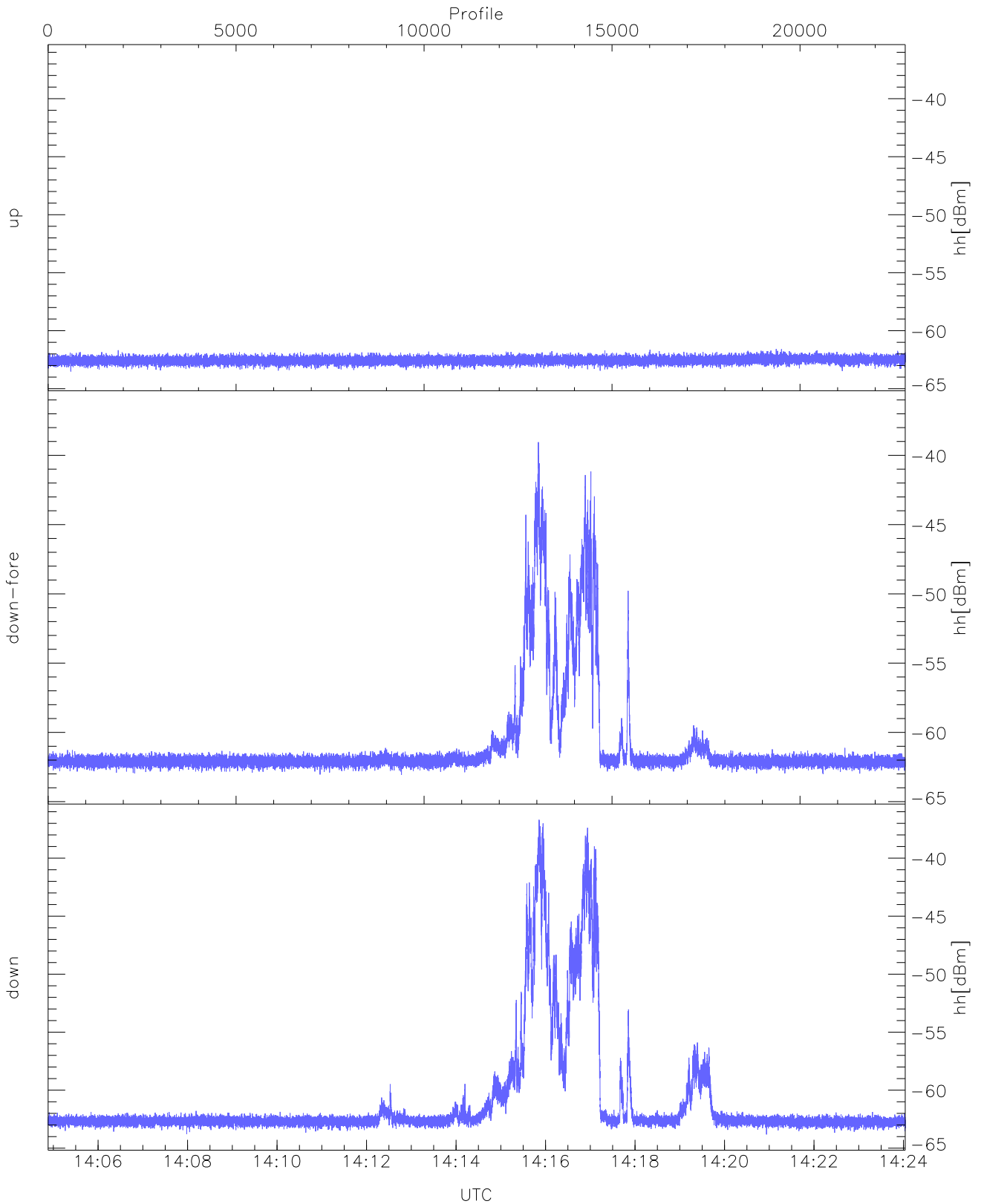
WCR2 CPP Averaged Received power for all recorded gates
blue: 140453-141428, 11401 profiles averaged
red: 141428-142402, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 140453-141428, 11401 profiles averaged
red: 141428-142402, 11400 profiles averaged

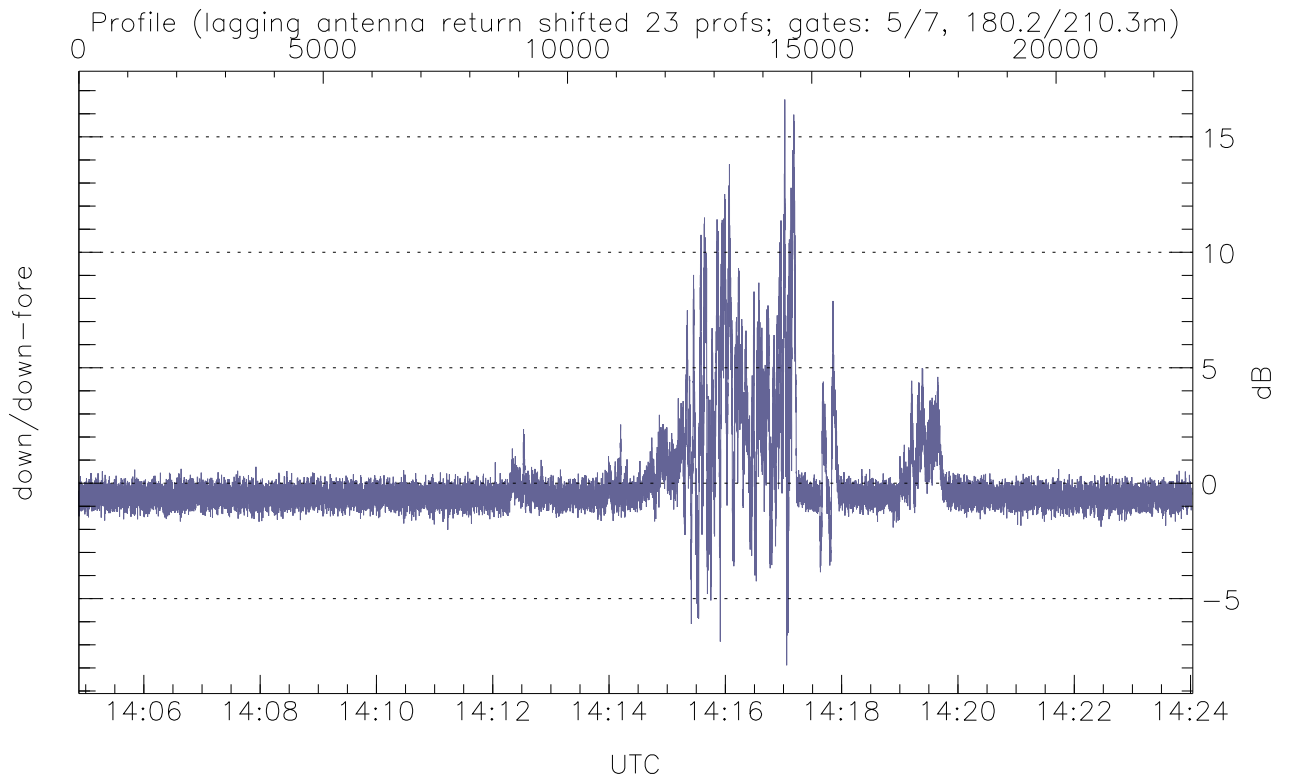
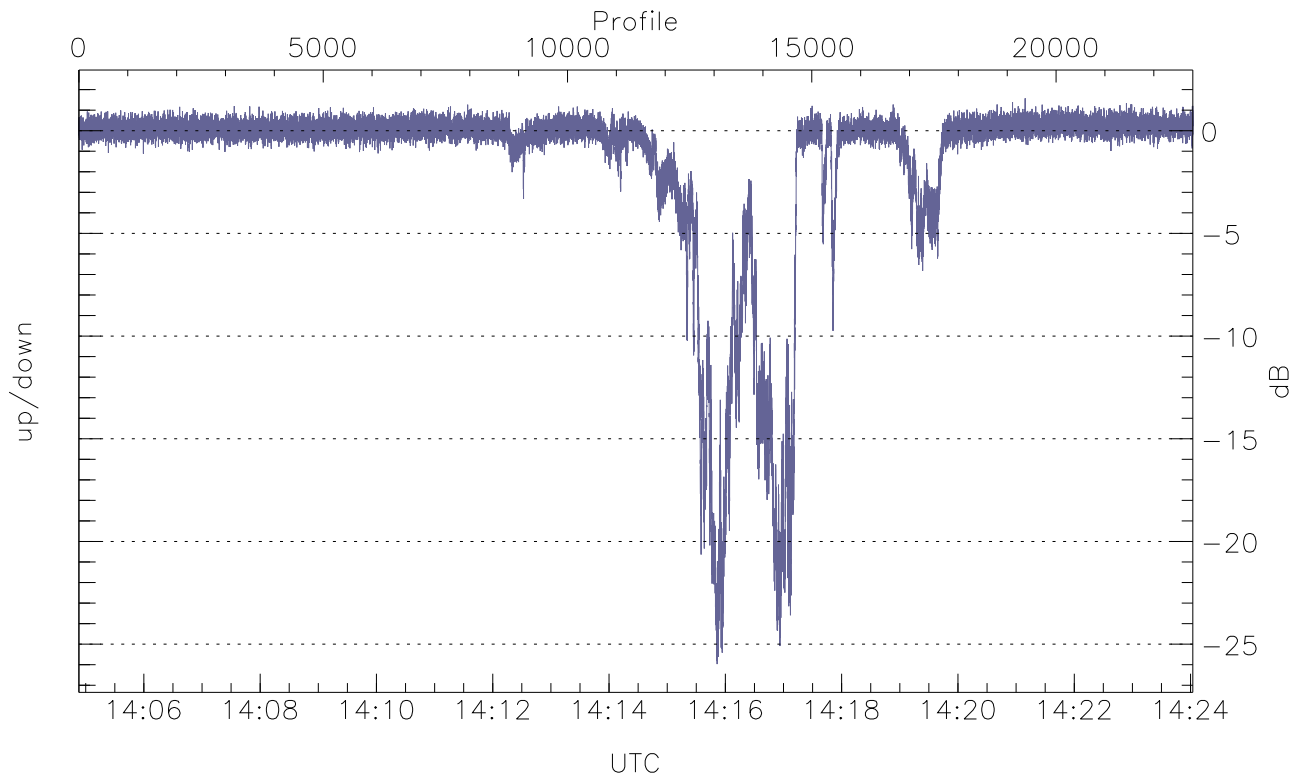


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



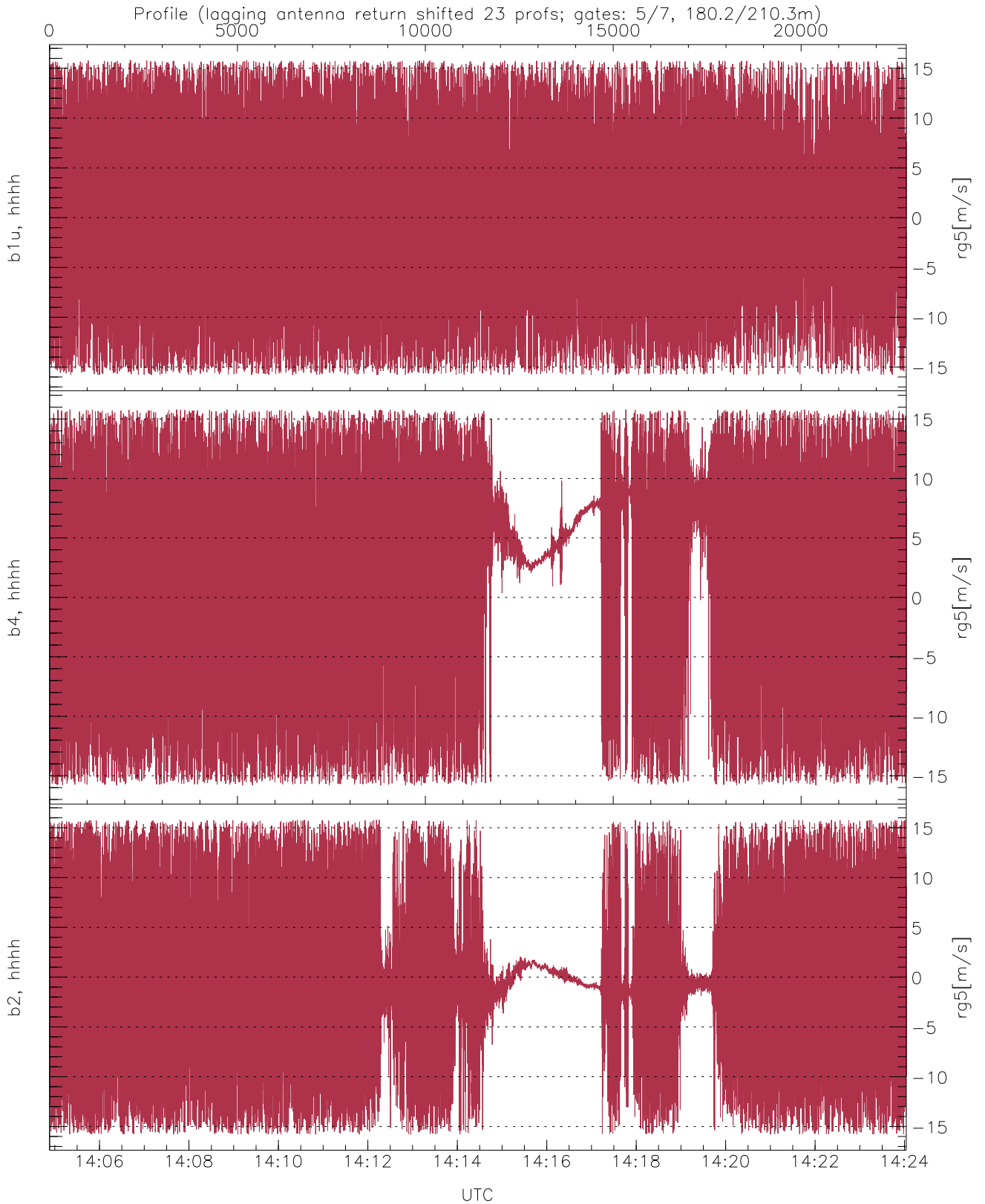
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.51	-61.58	-62.54
down-fore(hh[dBm])	-63.07	-39.05	-57.89
down(hh[dBm])	-63.82	-36.69	-54.93



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

	Min	Max	Mean
up/down (dB)	-25.97	1.58	-1.50
down/down-fore (dB)	-7.89	16.62	0.01



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	-0.19	8.51
b4, hhhh(rg5[m/s])	-15.80	15.80	1.33	8.50
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.43	7.62