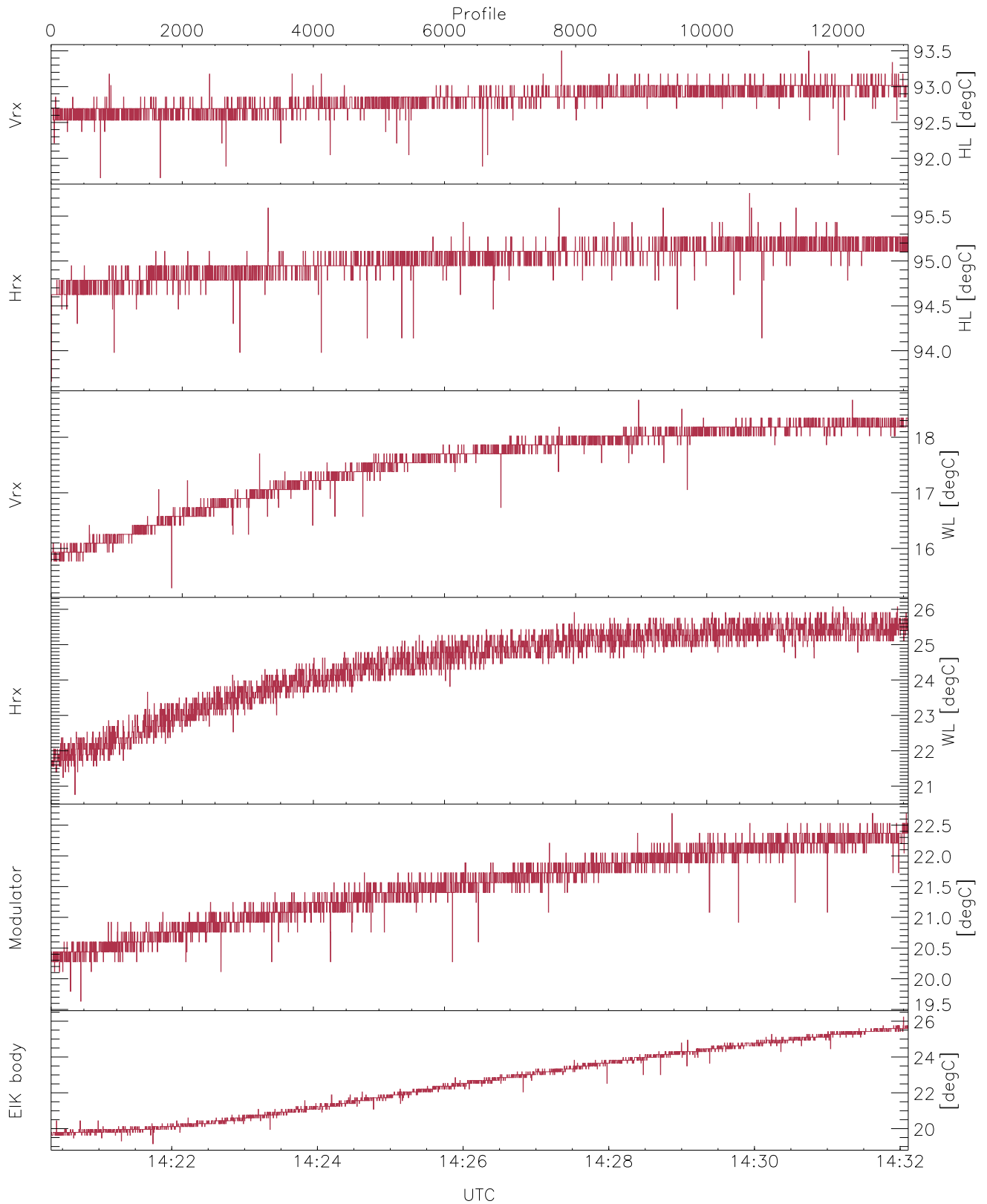


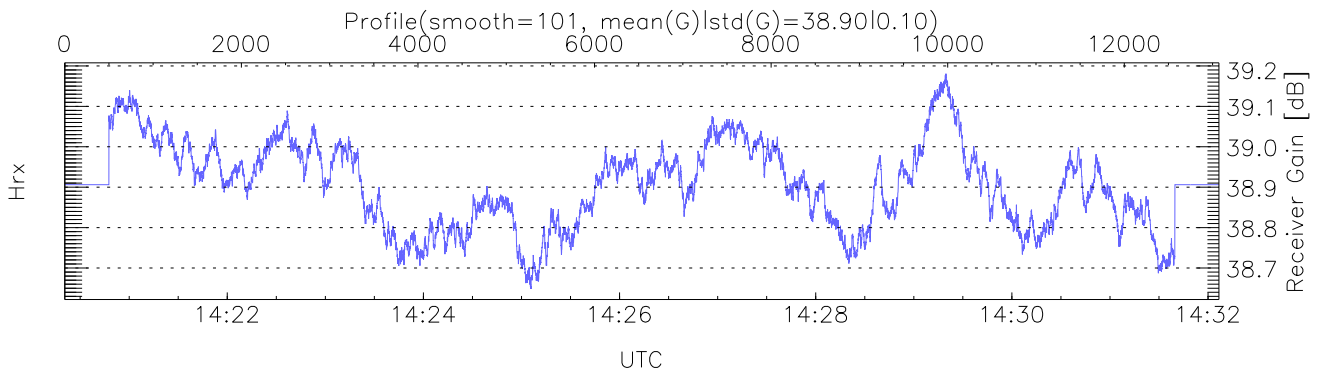
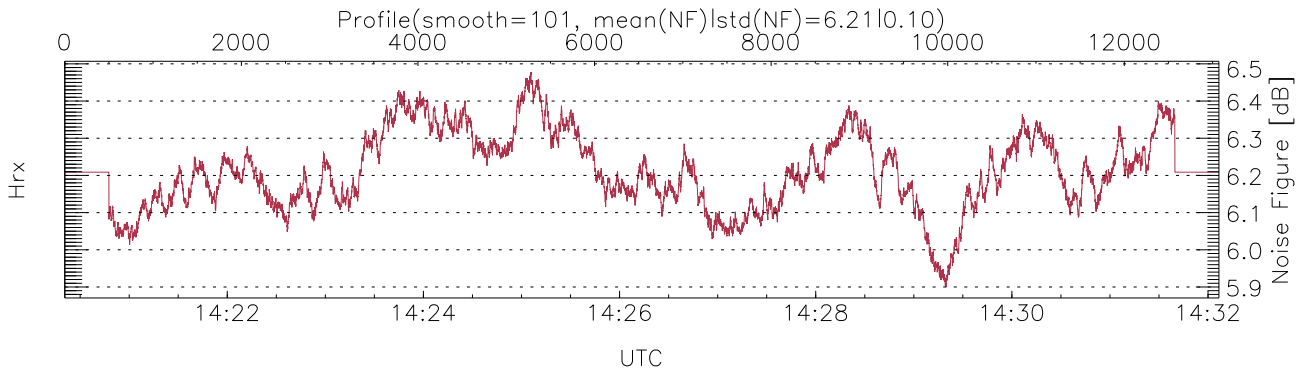
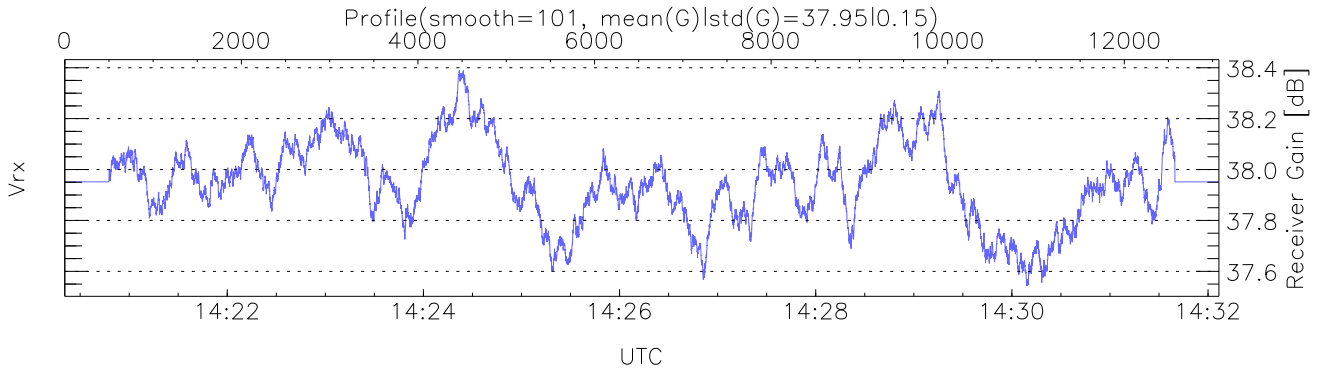
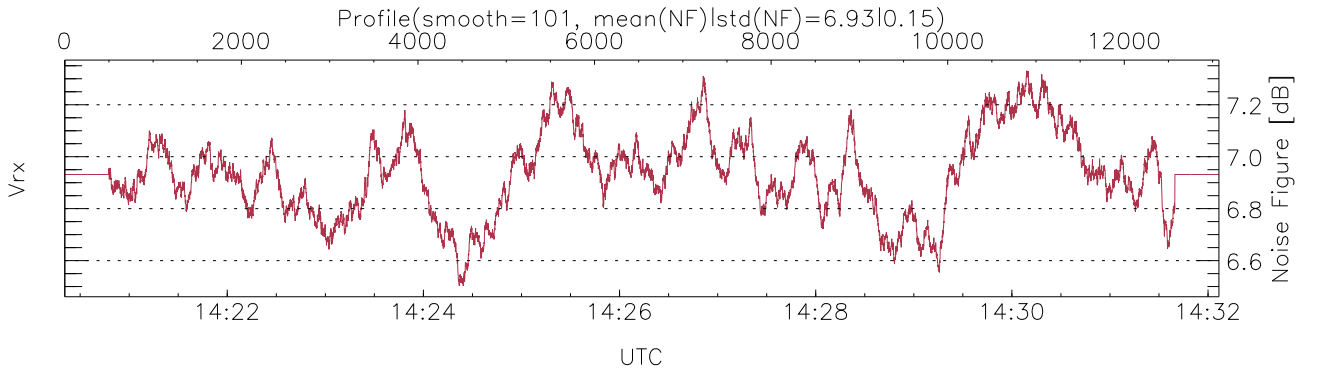
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:20:21-14:32:07, Dur: 706.06s
 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): 13073/13073, 0-13072/14:20:21-14:32:07
 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,rqs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



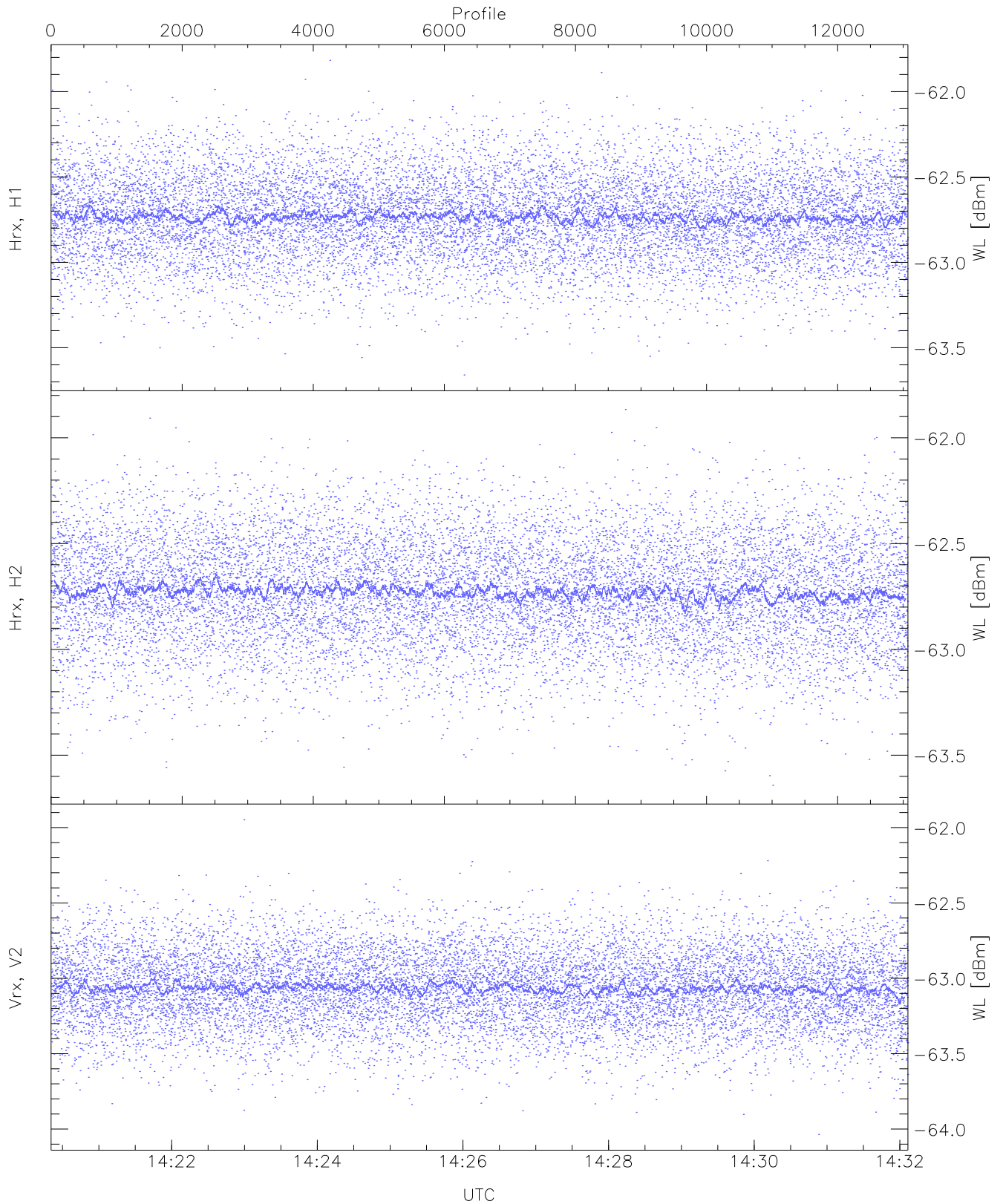
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,15,20,19,19
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,18,26,22,26
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
HVPS (14)



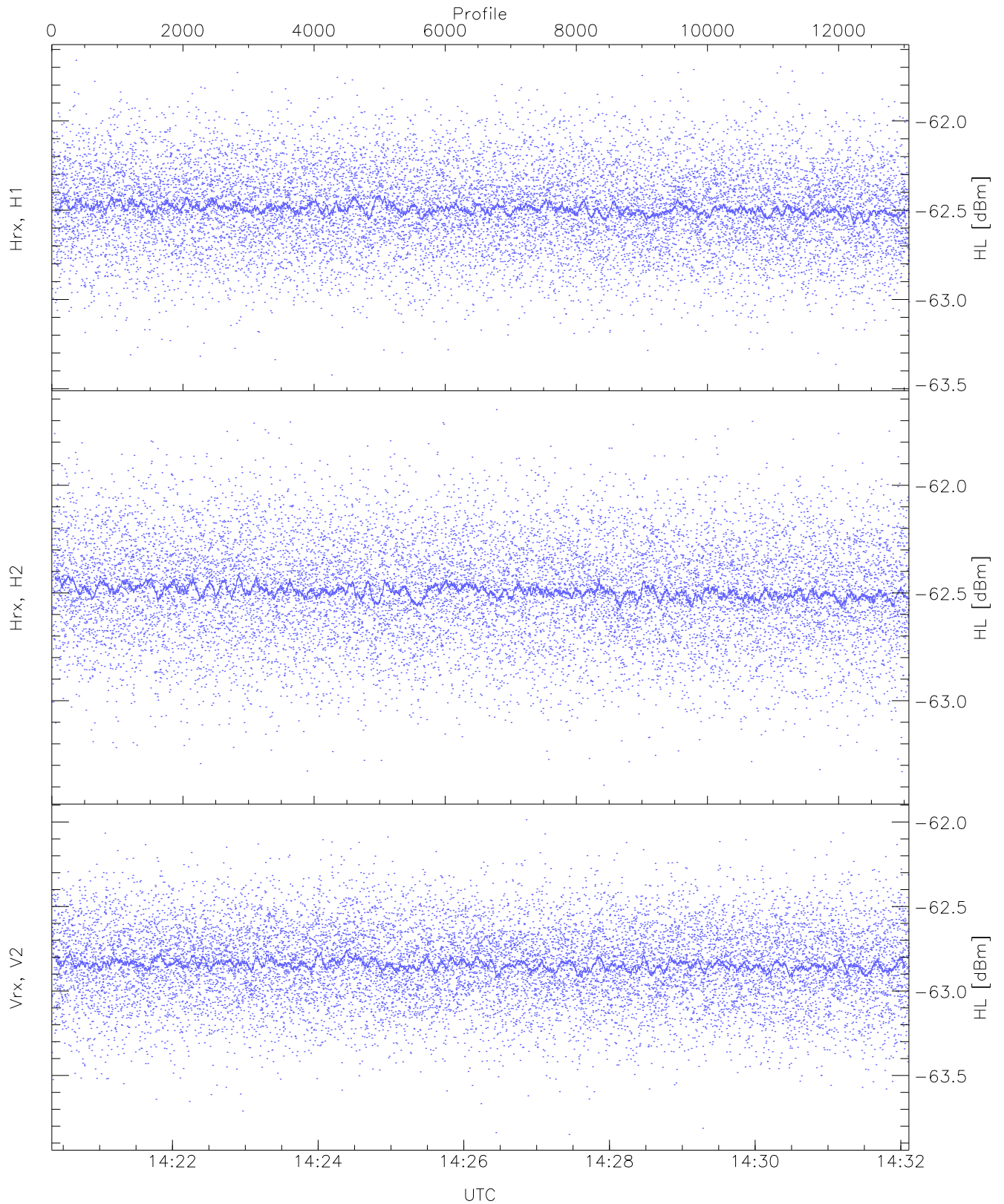
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1713 pixs, 43 gates, 1519 profs, 1 prods



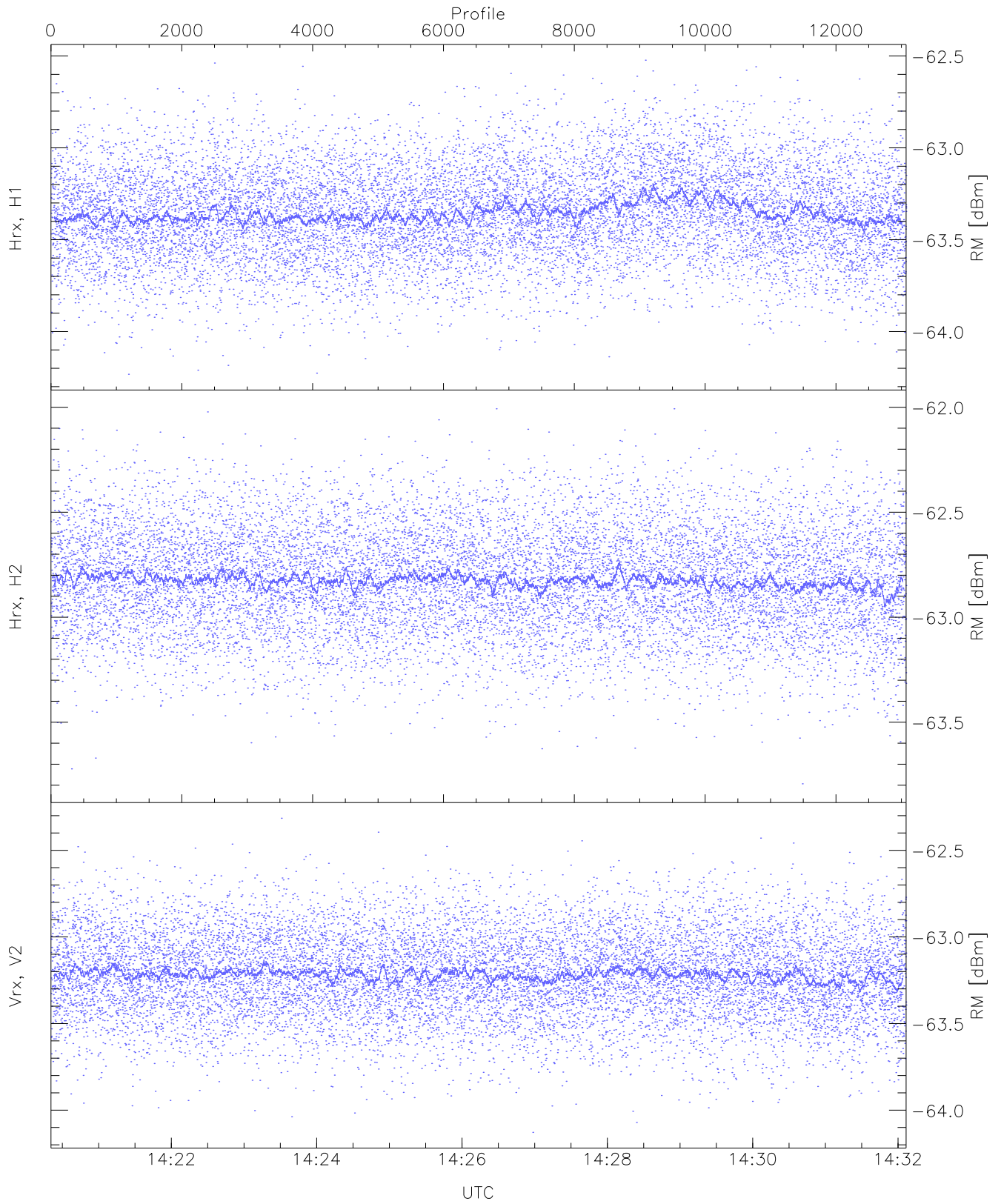
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.66	-61.82	-62.73	-62.74	-75.40
Hrx, H2(WL [dBm])	-63.64	-61.87	-62.73	-62.73	-75.39
Vrx, V2(WL [dBm])	-64.04	-61.95	-63.06	-63.07	-75.75



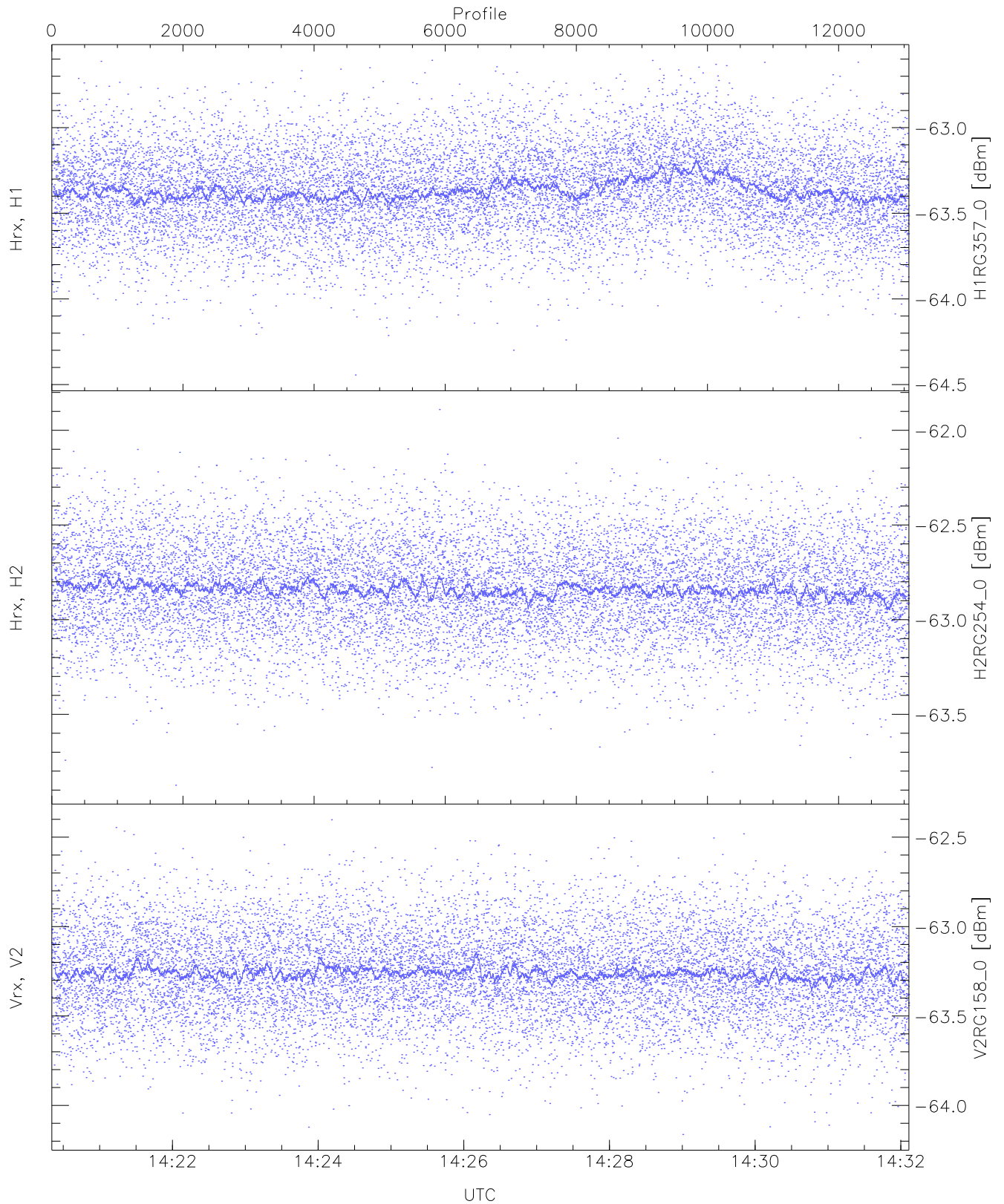
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.42	-61.66	-62.49	-62.49	-75.19
Hrx, H2 (HL [dBm])	-63.39	-61.65	-62.49	-62.49	-75.20
Vrx, V2 (HL [dBm])	-63.85	-61.99	-62.84	-62.84	-75.55



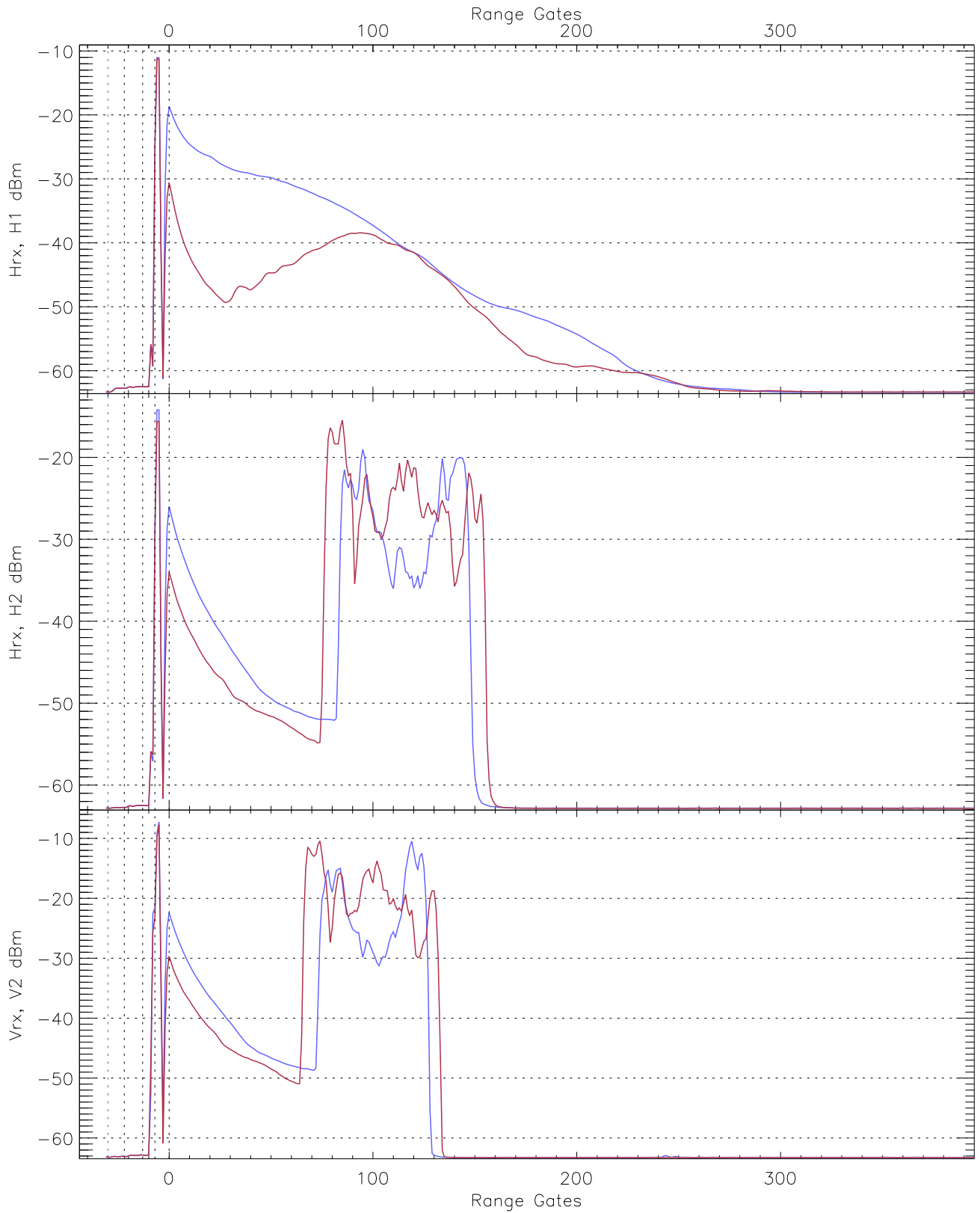
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.23	-62.52	-63.35	-63.36	-75.94
Hrx, H2 (RM [dBm])	-63.79	-62.01	-62.82	-62.83	-75.51
Vrx, V2 (RM [dBm])	-64.13	-62.31	-63.22	-63.22	-75.92

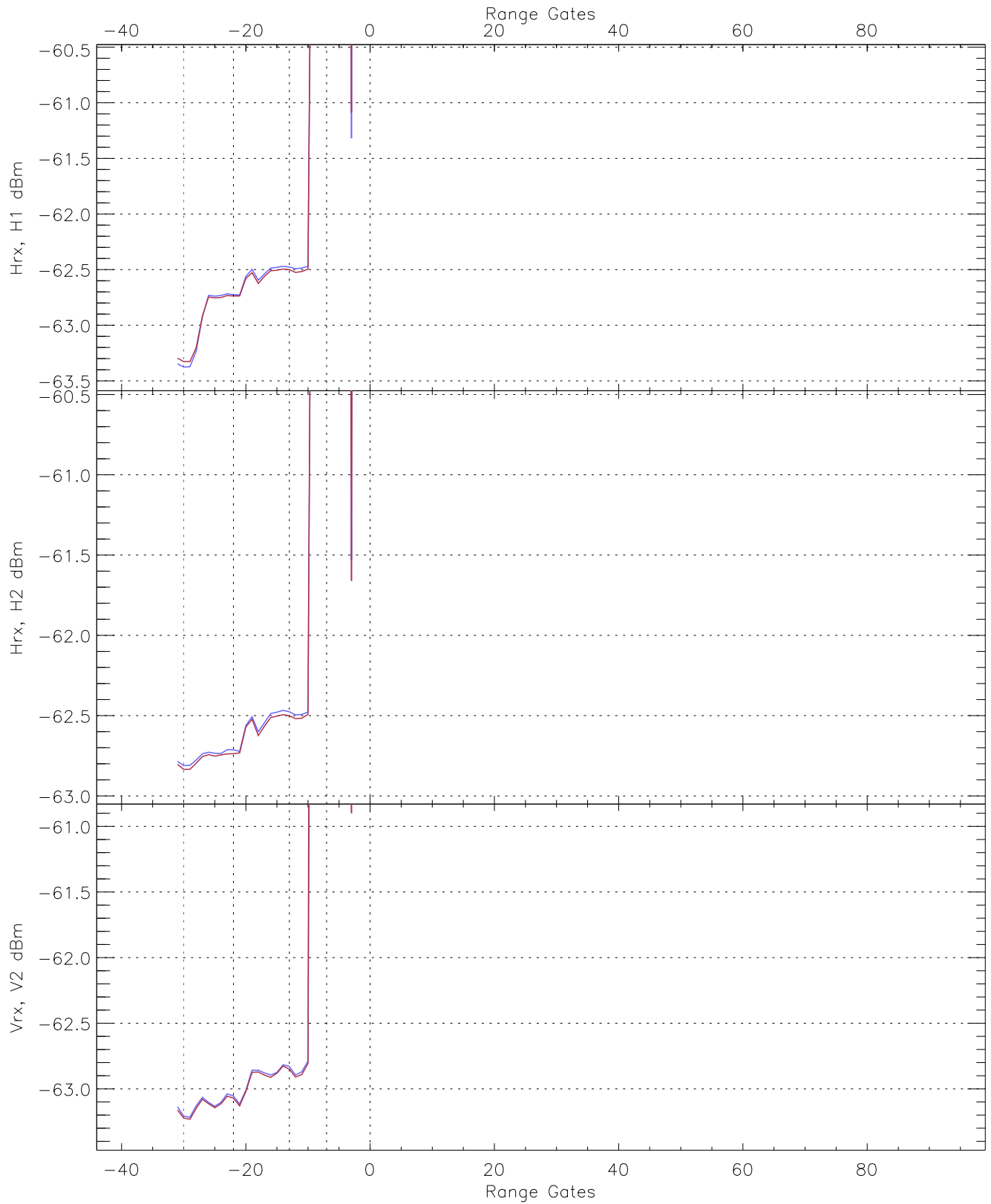


WCR2 CPP "Best" estimate Receivers Noise Power

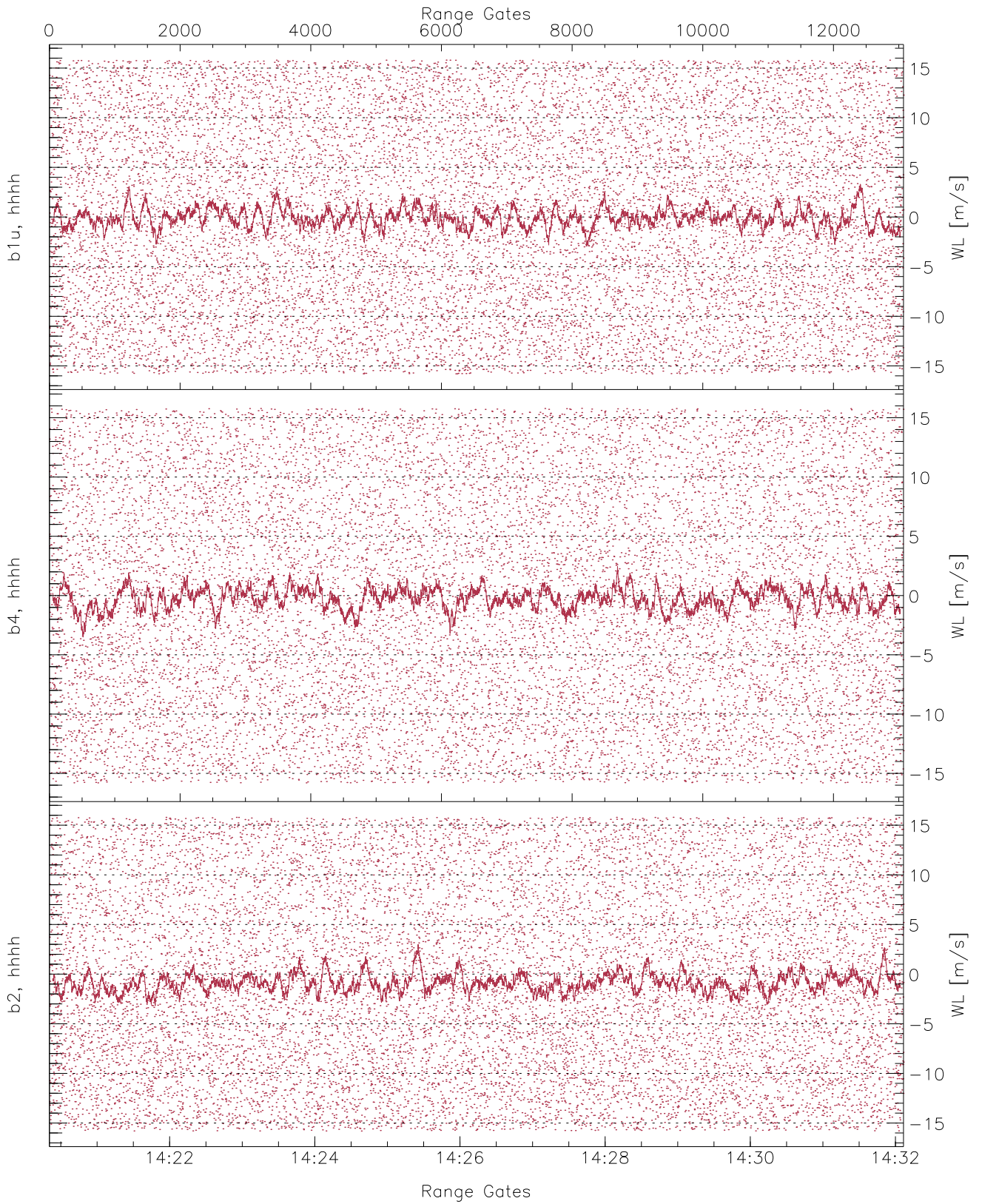
	Min	Max	Mean	Median	StDev
H1RG357_0 [dBm]	-64.44	-62.61	-63.36	-63.37	-76.01
H2RG254_0 [dBm]	-63.87	-61.89	-62.84	-62.84	-75.53
V2RG158_0 [dBm]	-64.16	-62.40	-63.26	-63.27	-75.93



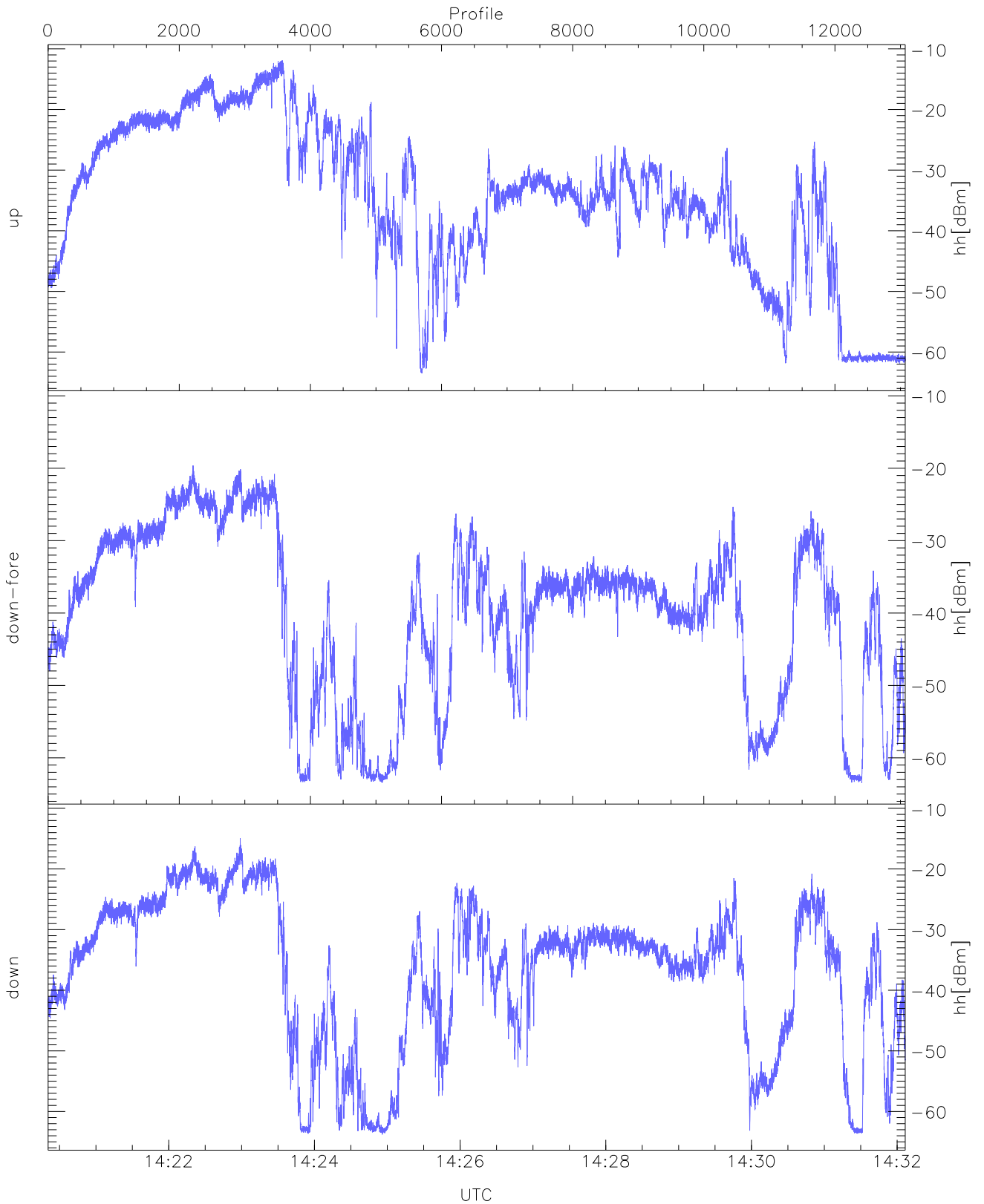
WCR2 CPP Averaged Received power for all recorded gates
blue: 142021-142614, 6537 profiles averaged
red: 142614-143207, 6537 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 142021-142614, 6537 profiles averaged
red: 142614-143207, 6537 profiles averaged

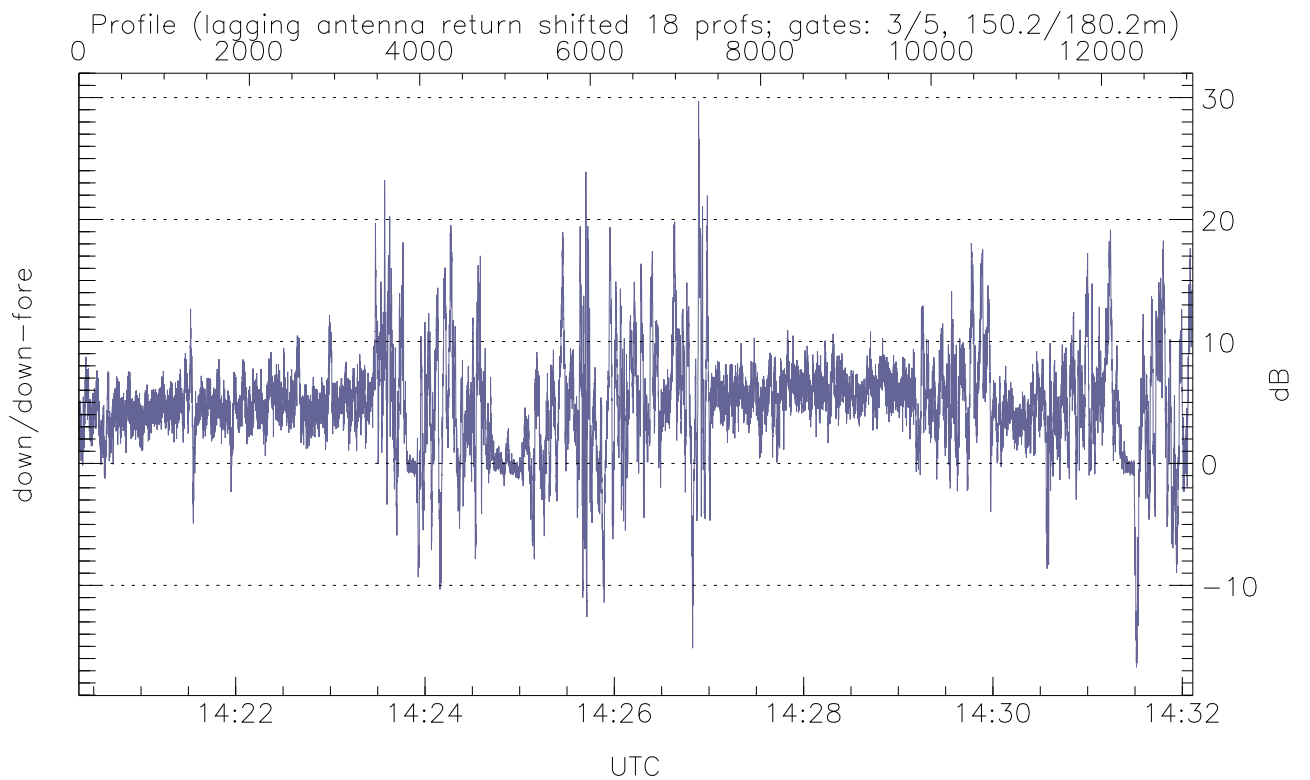
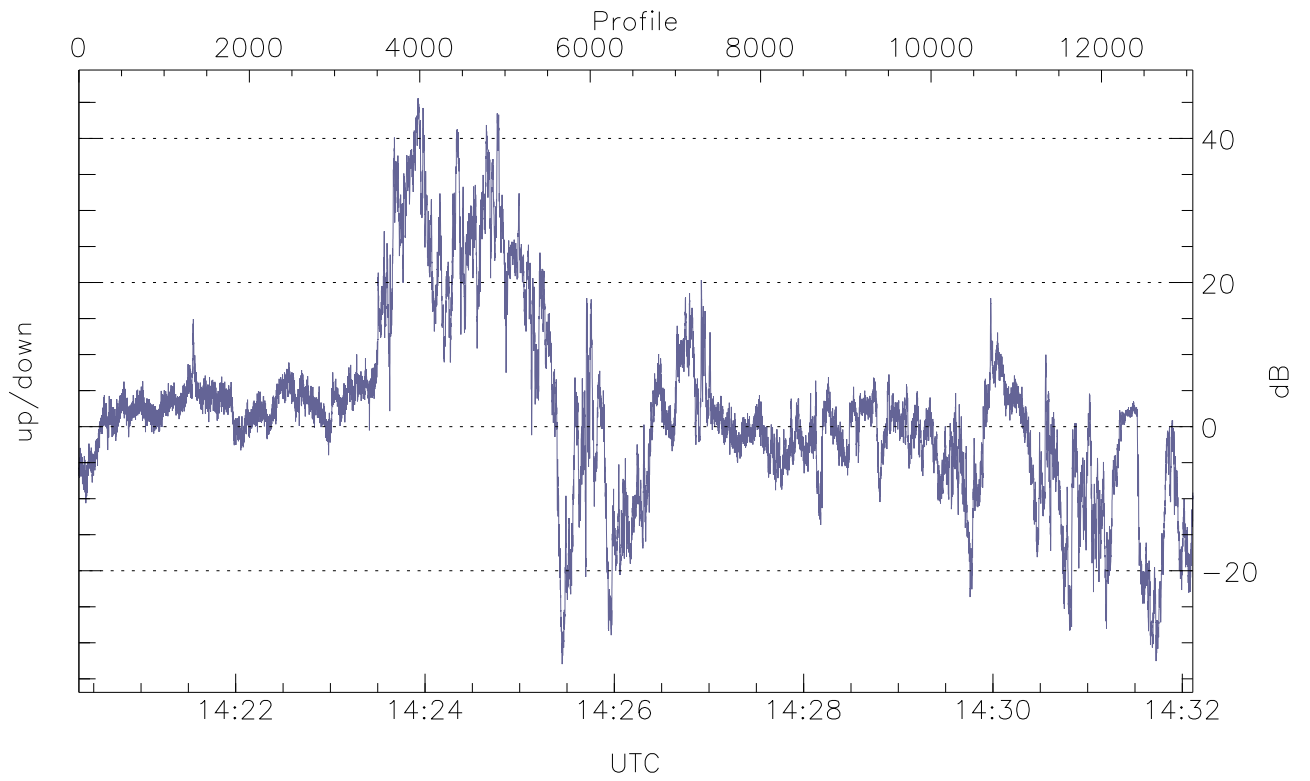


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



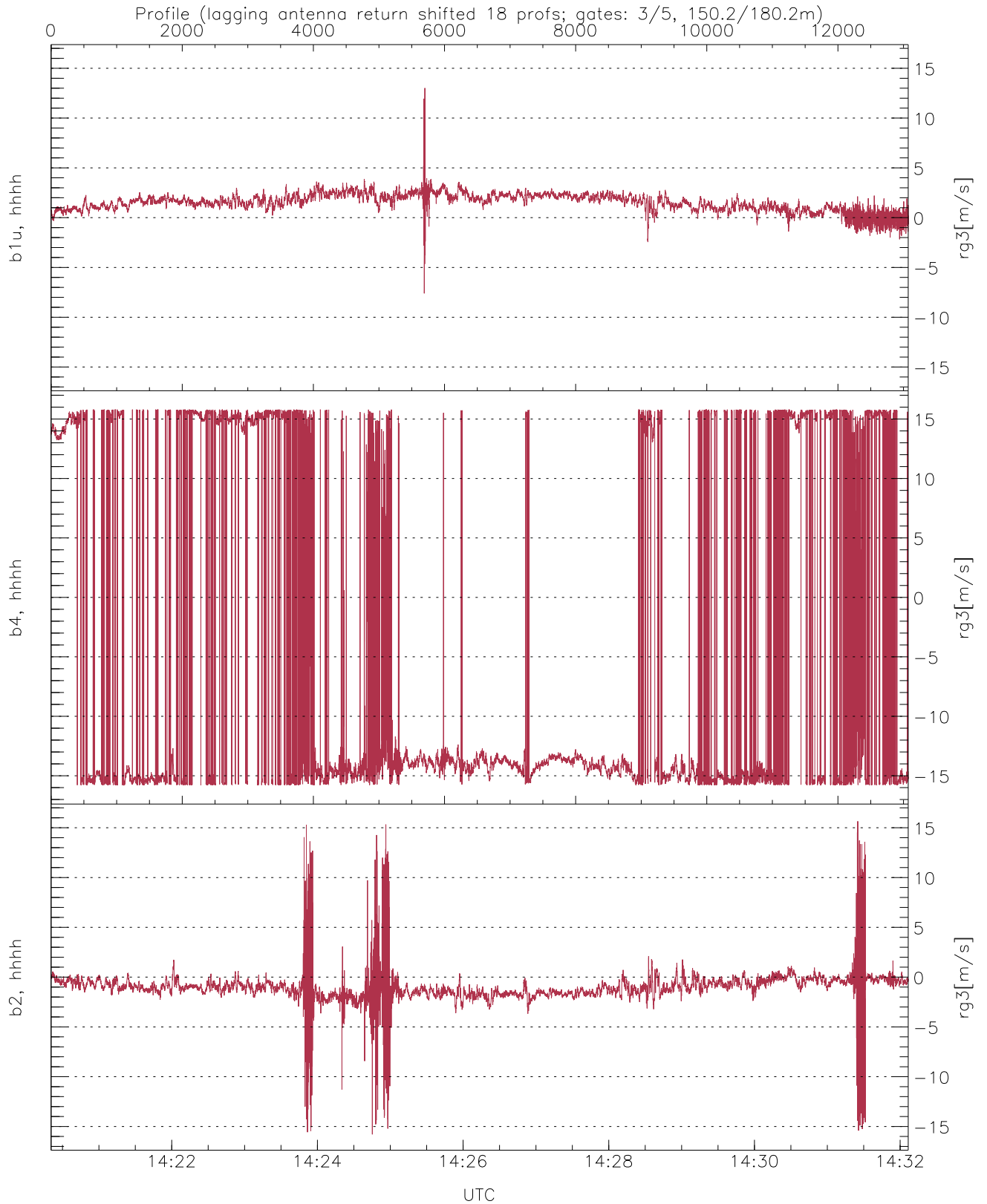
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.51	-11.89	-23.99
down-fore(hh[dBm])	-63.47	-19.61	-31.31
down(hh[dBm])	-63.79	-14.94	-27.84



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

	Min	Max	Mean
up/down (dB)	-32.95	45.57	2.15
down/down-fore (dB)	-16.72	29.68	4.79



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-7.60	13.02	1.53	0.87
b4, hhhh(rg3[m/s])	-15.80	15.80	-5.07	13.77
b2, hhhh(rg3[m/s])	-15.79	15.66	-1.05	1.60