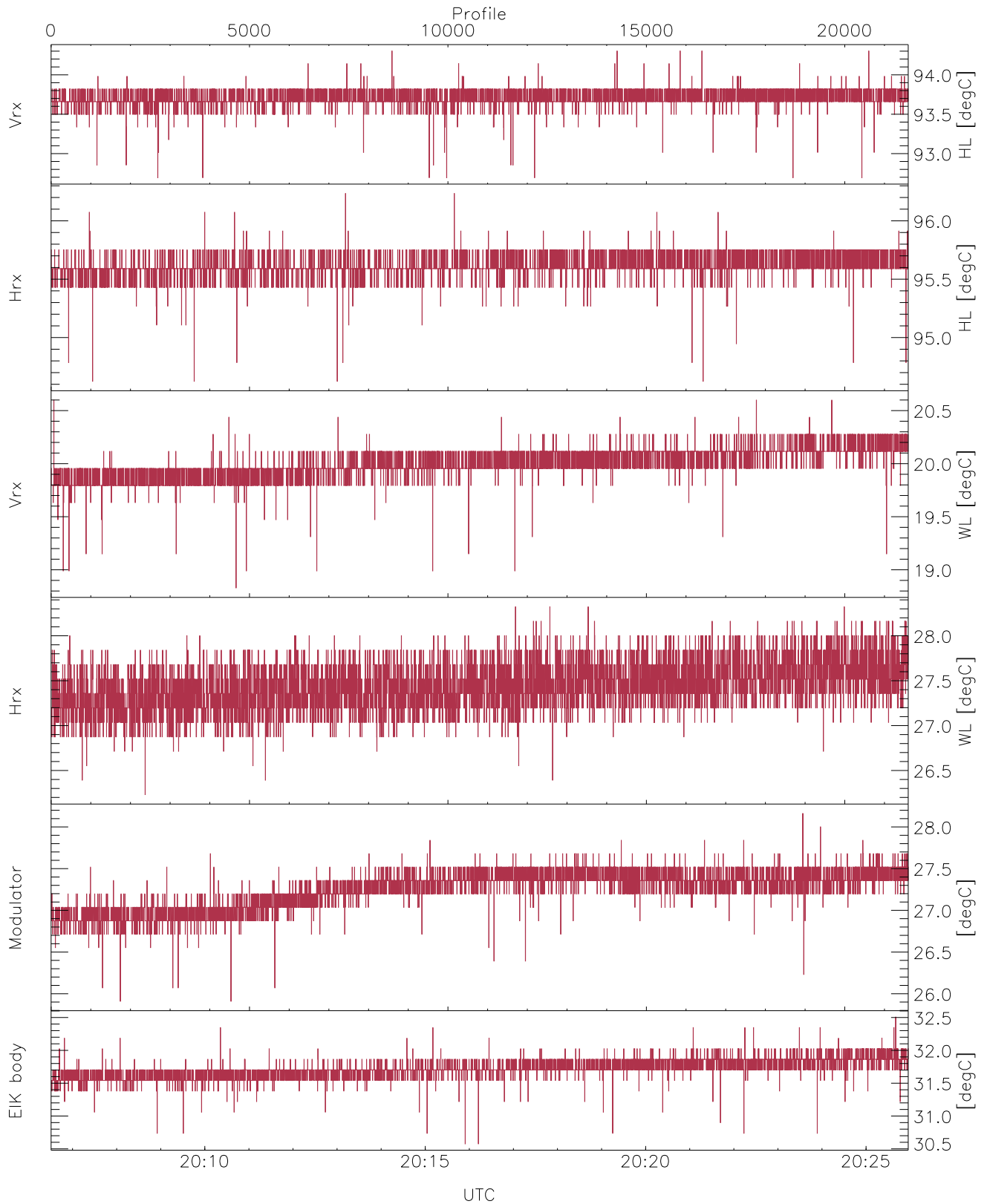


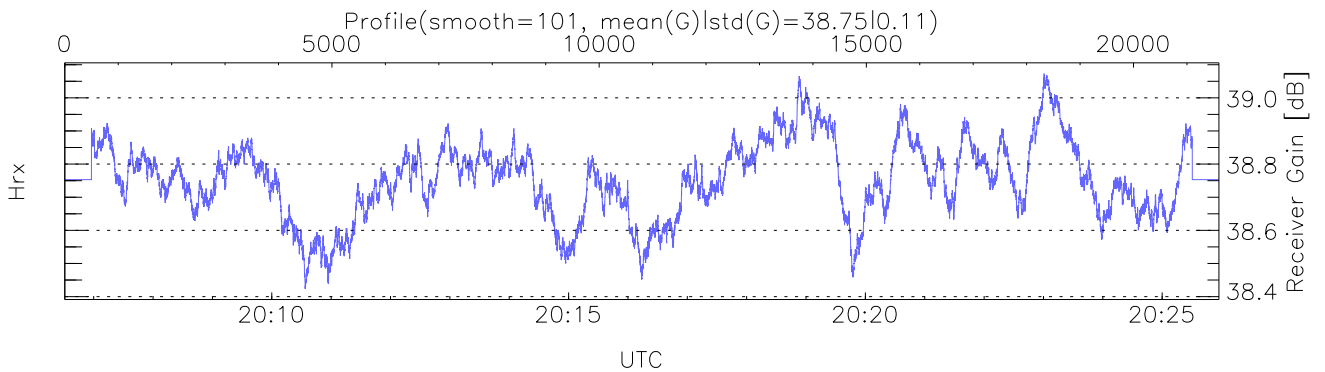
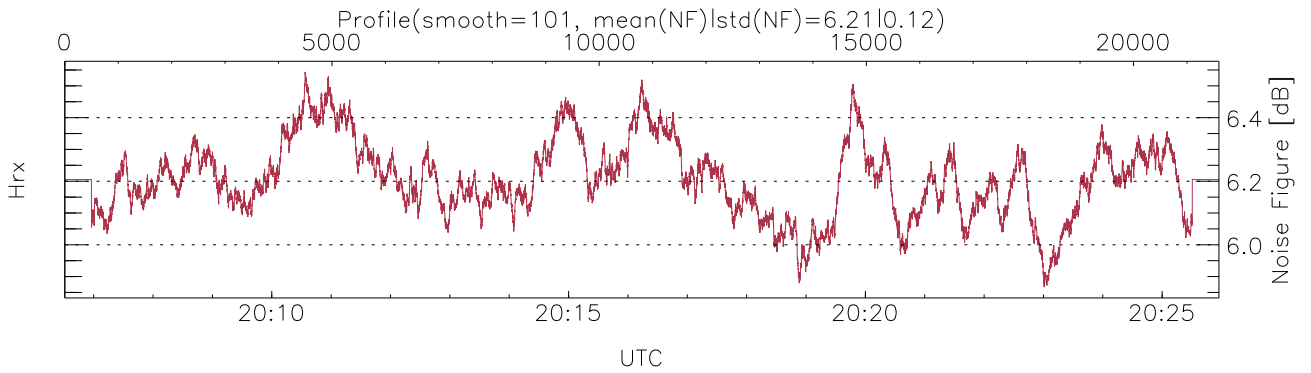
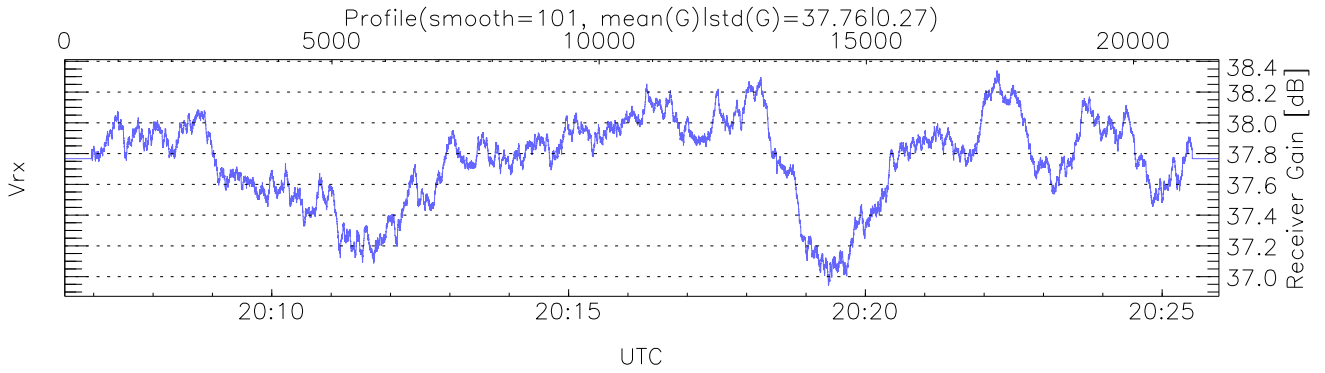
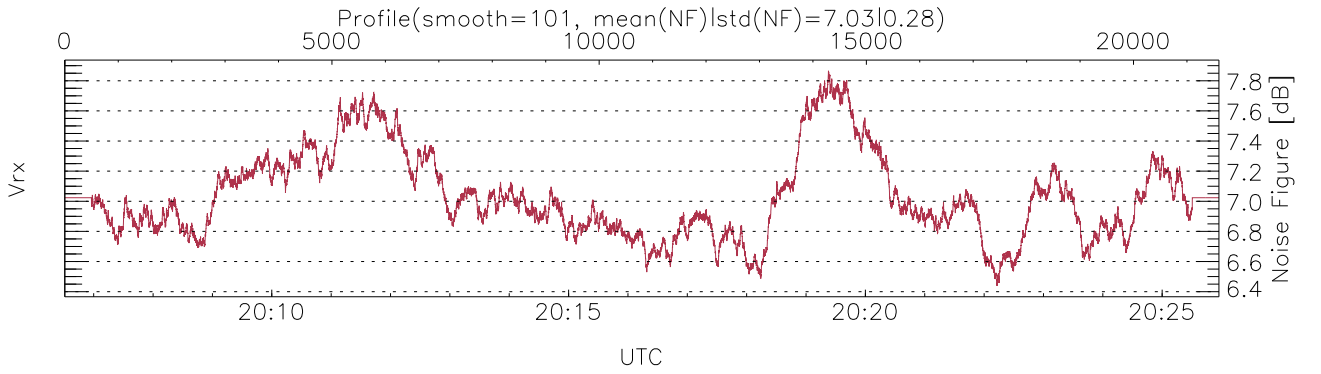
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:06:31-20:50:53, Dur: 2662.33s
 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): 21600/49291, 0-21599/20:06:31-20:25:57
 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



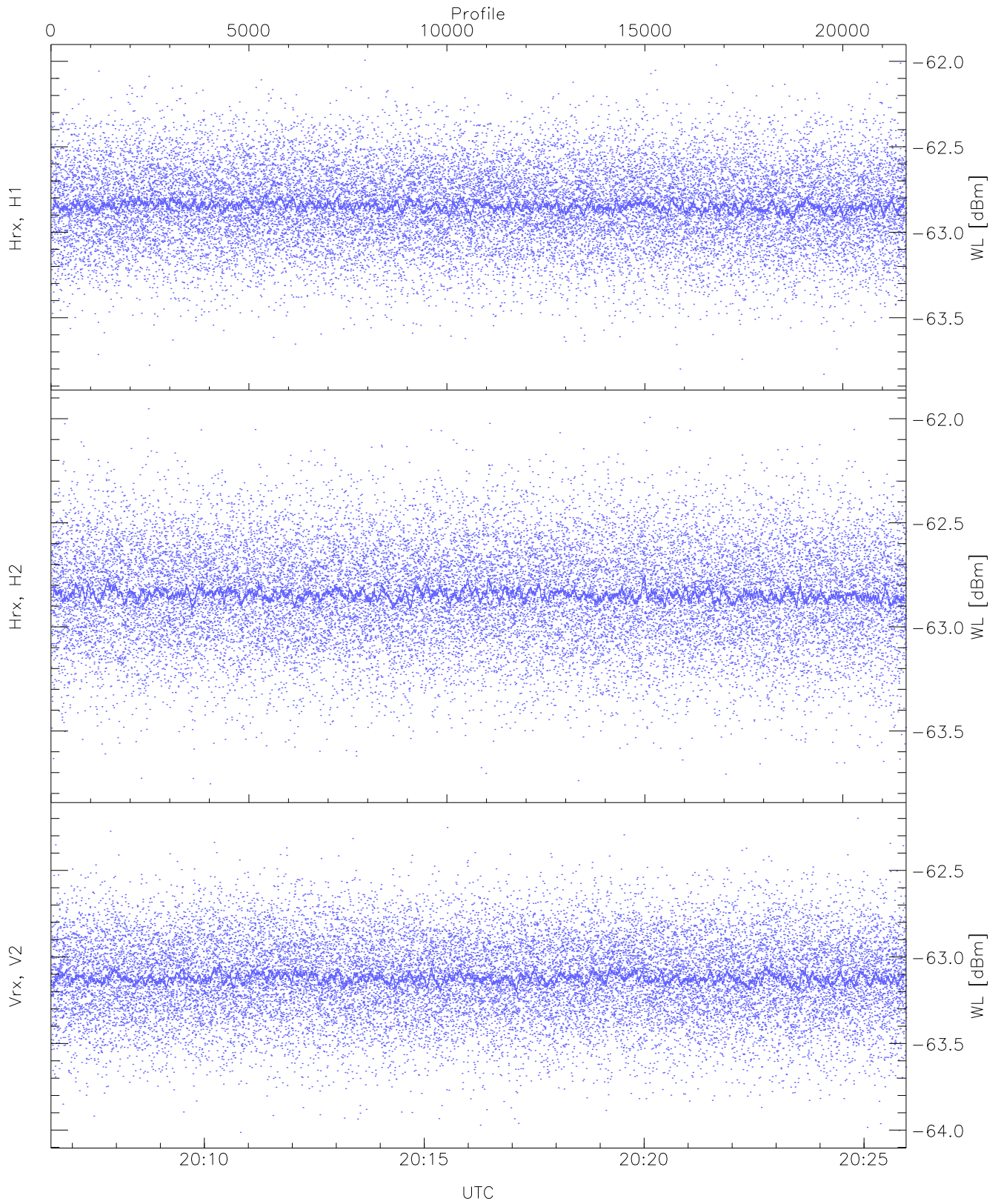
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,18,26,25,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,20,28,28,32
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT, CollT, BodyCurr, DeckF, OverDuty, HVPS (31,31,36,41,31,5)



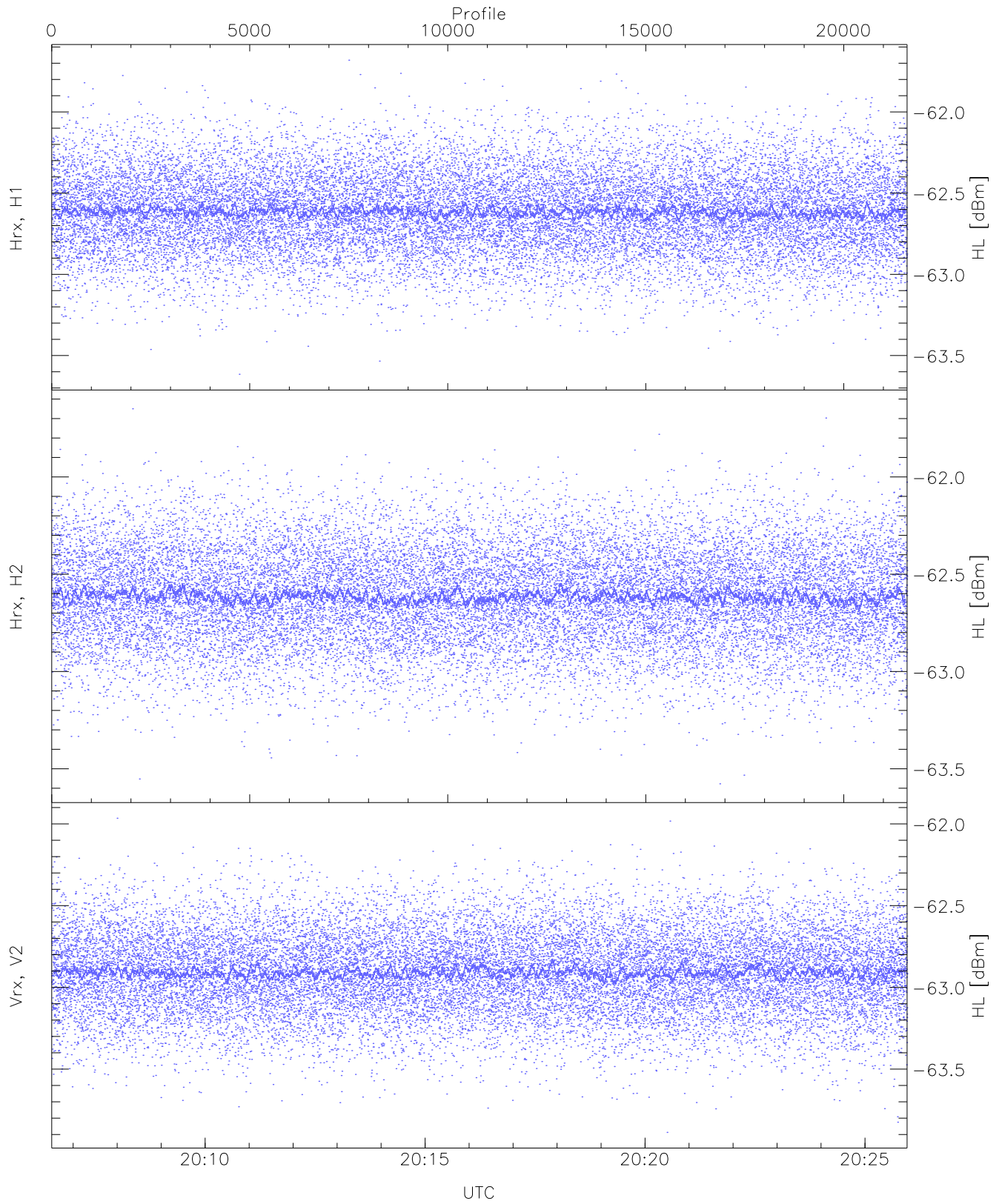
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1931 pixs, 56 gates, 1904 profs, 2 prods



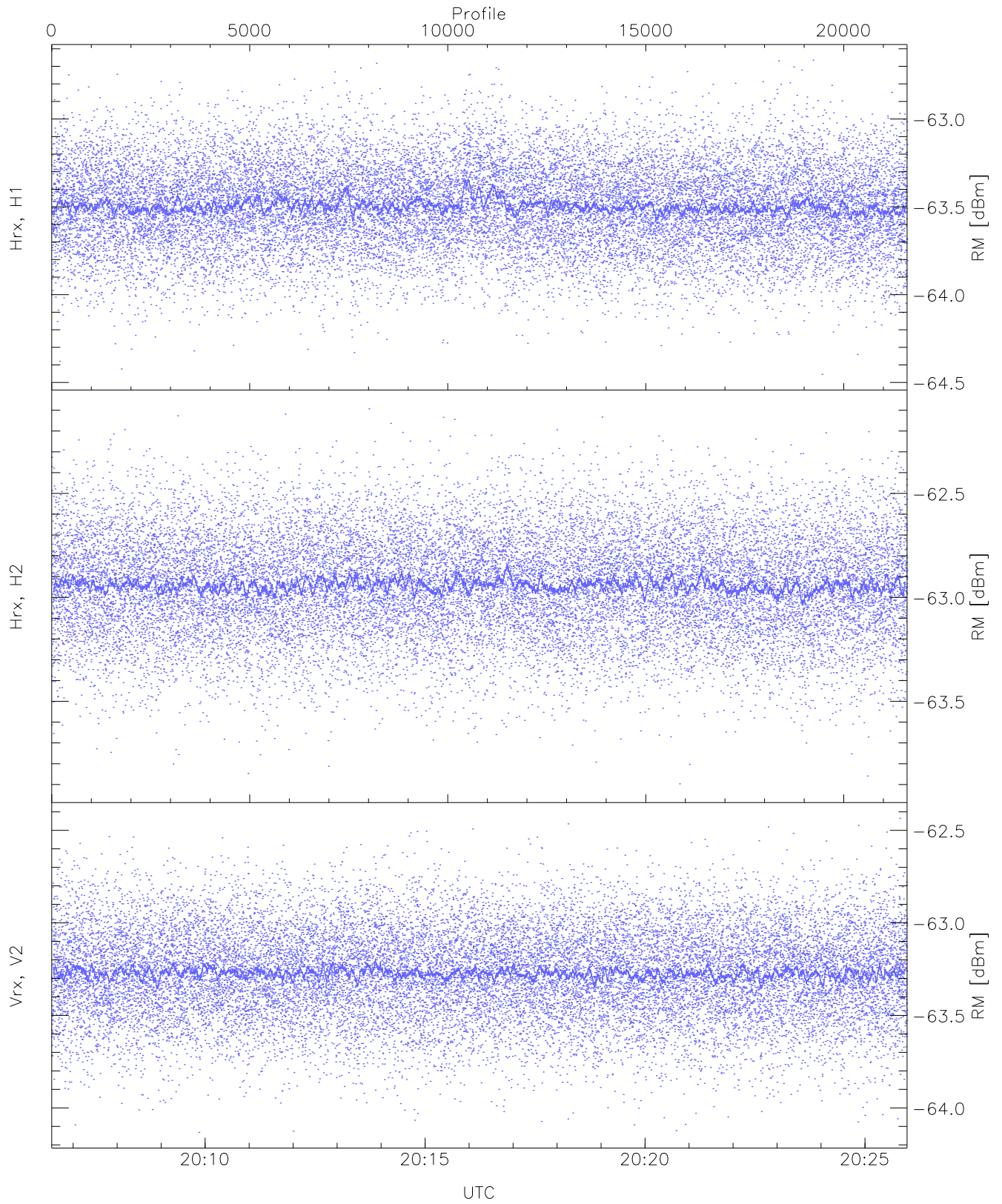
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.83	-61.99	-62.84	-62.85	-75.55
Hrx, H2(WL [dBm])	-63.75	-61.95	-62.84	-62.84	-75.53
Vrx, V2(WL [dBm])	-64.01	-62.20	-63.12	-63.12	-75.84



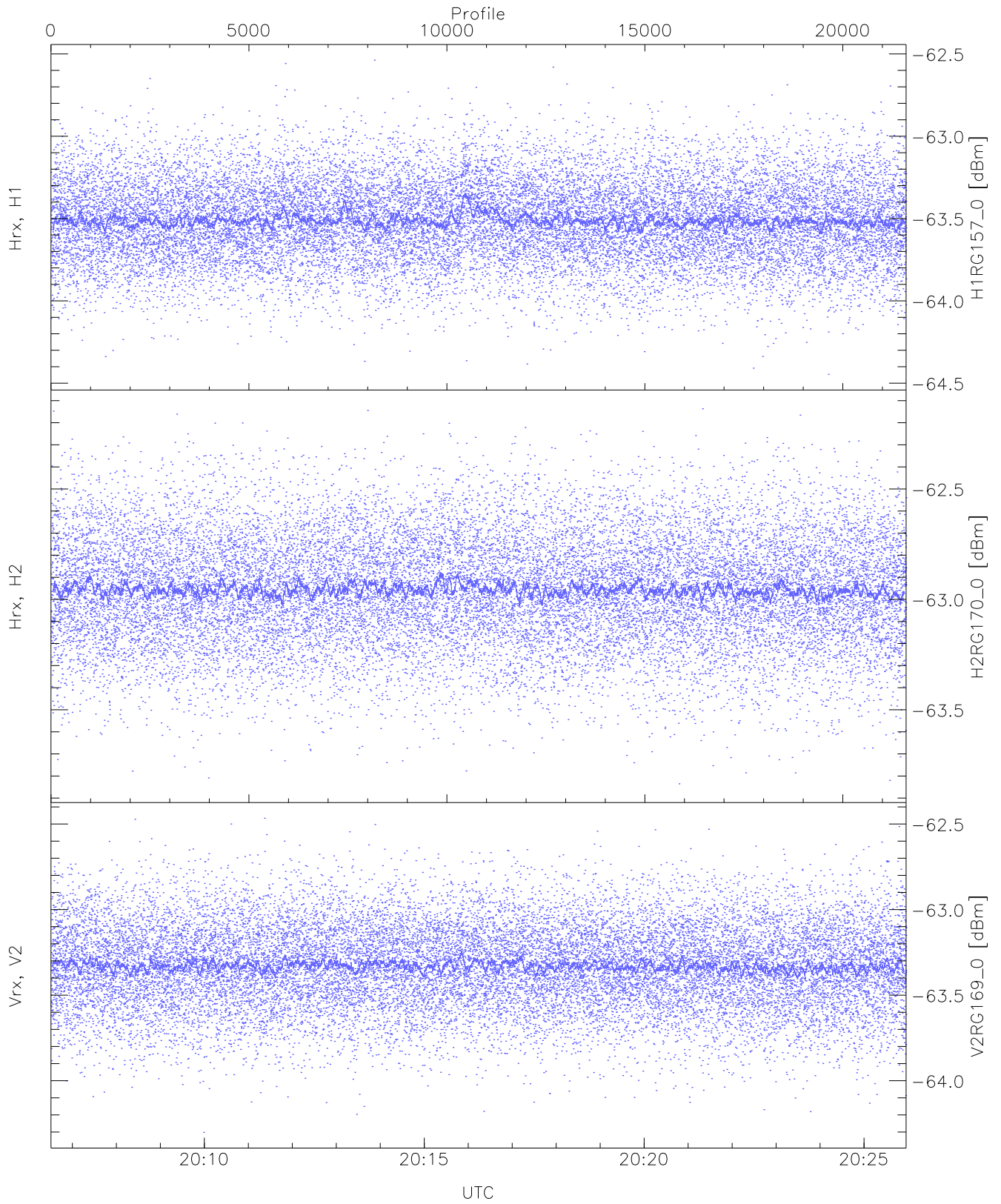
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.62	-61.68	-62.61	-62.62	-75.29
Hrx, H2 (HL [dBm])	-63.58	-61.65	-62.61	-62.62	-75.34
Vrx, V2 (HL [dBm])	-63.89	-61.97	-62.91	-62.91	-75.59



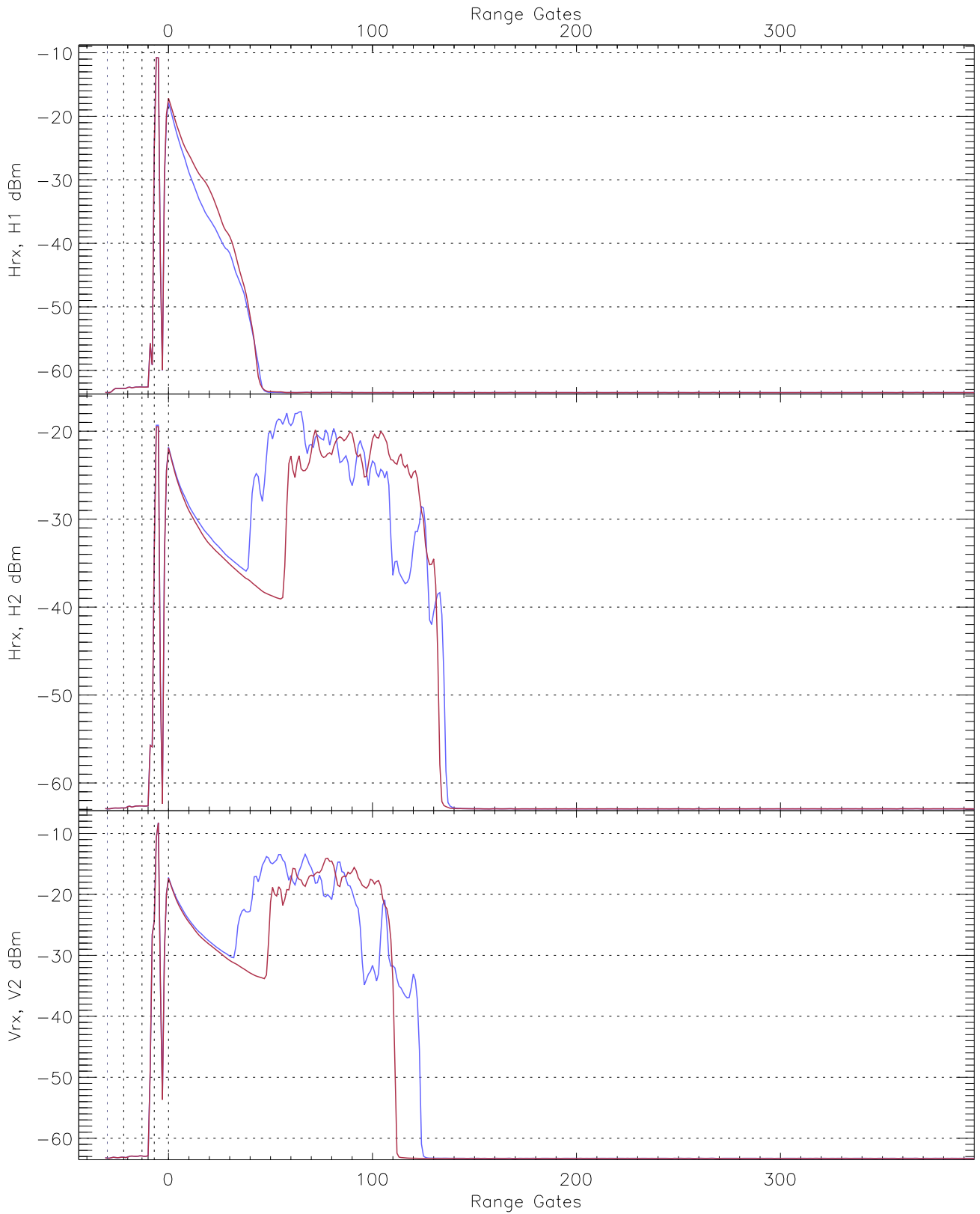
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.45	-62.67	-63.49	-63.50	-76.20
Hrx, H2 (RM [dBm])	-63.90	-62.09	-62.94	-62.94	-75.65
Vrx, V2 (RM [dBm])	-64.13	-62.43	-63.27	-63.27	-75.99

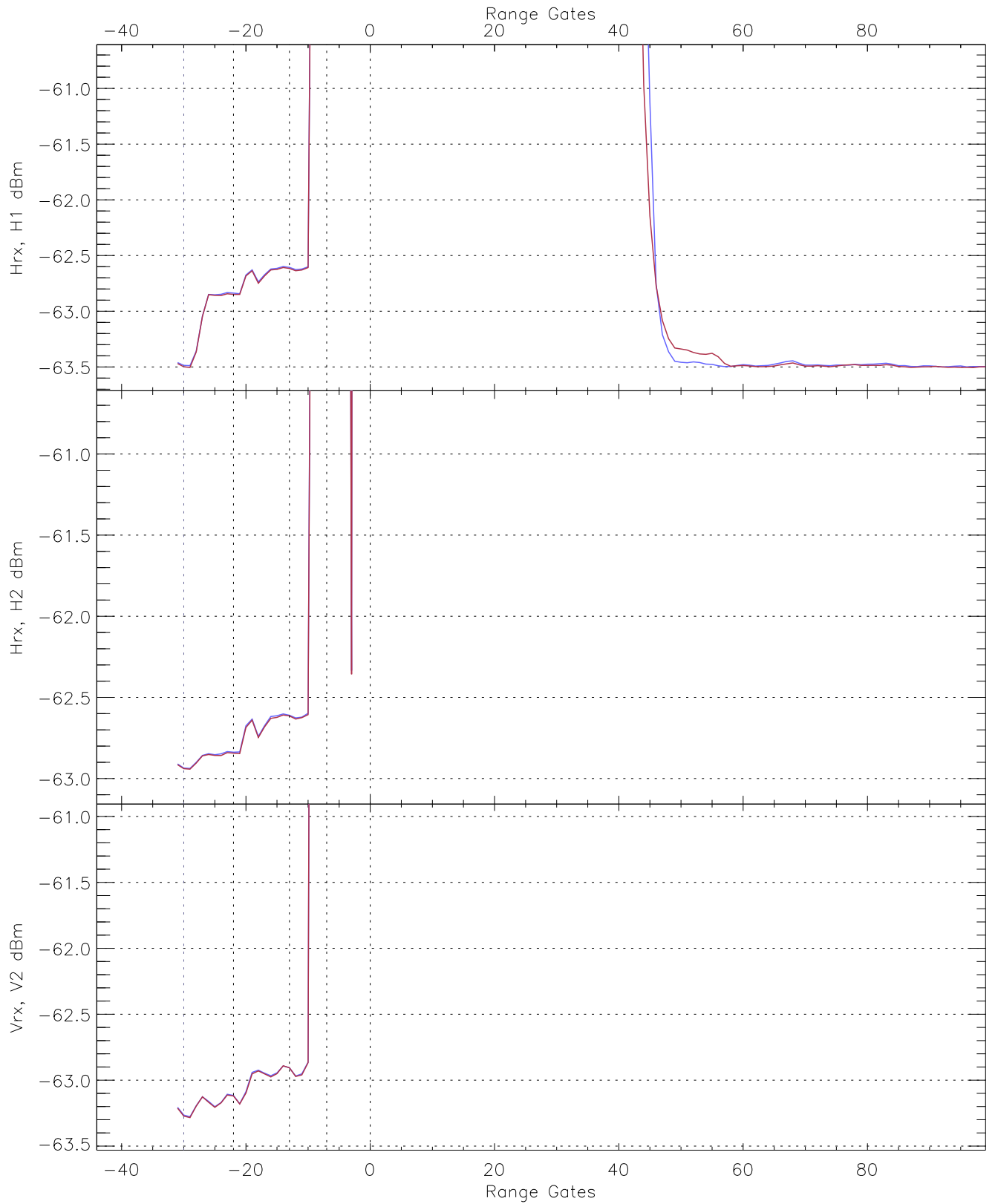


WCR2 CPP "Best" estimate Receivers Noise Power

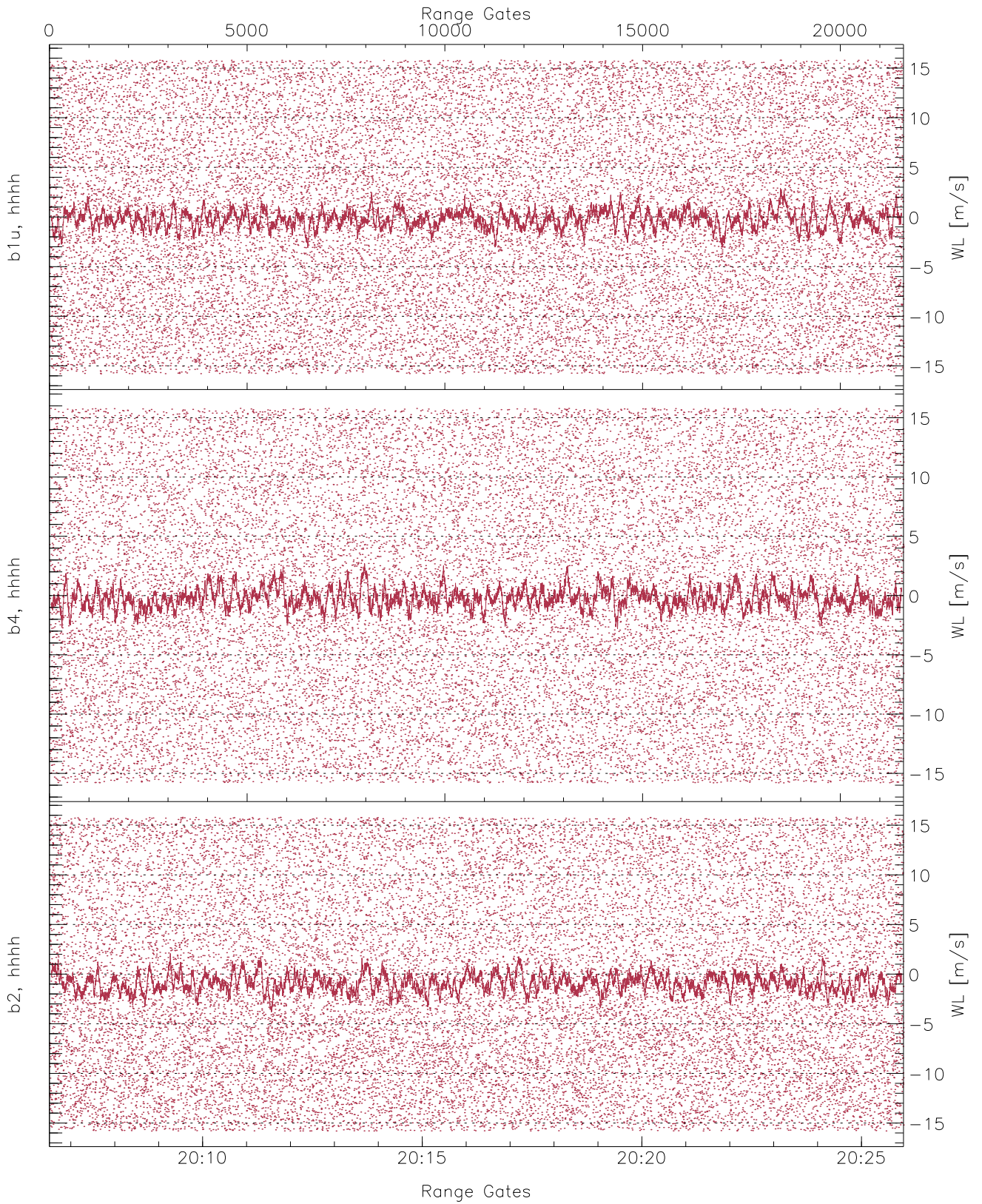
	Min	Max	Mean	Median	StDev
H1RG157_0 [dBm]	-64.45	-62.54	-63.51	-63.51	-76.18
H2RG170_0 [dBm]	-63.84	-62.14	-62.95	-62.96	-75.64
V2RG169_0 [dBm]	-64.30	-62.47	-63.33	-63.33	-76.00



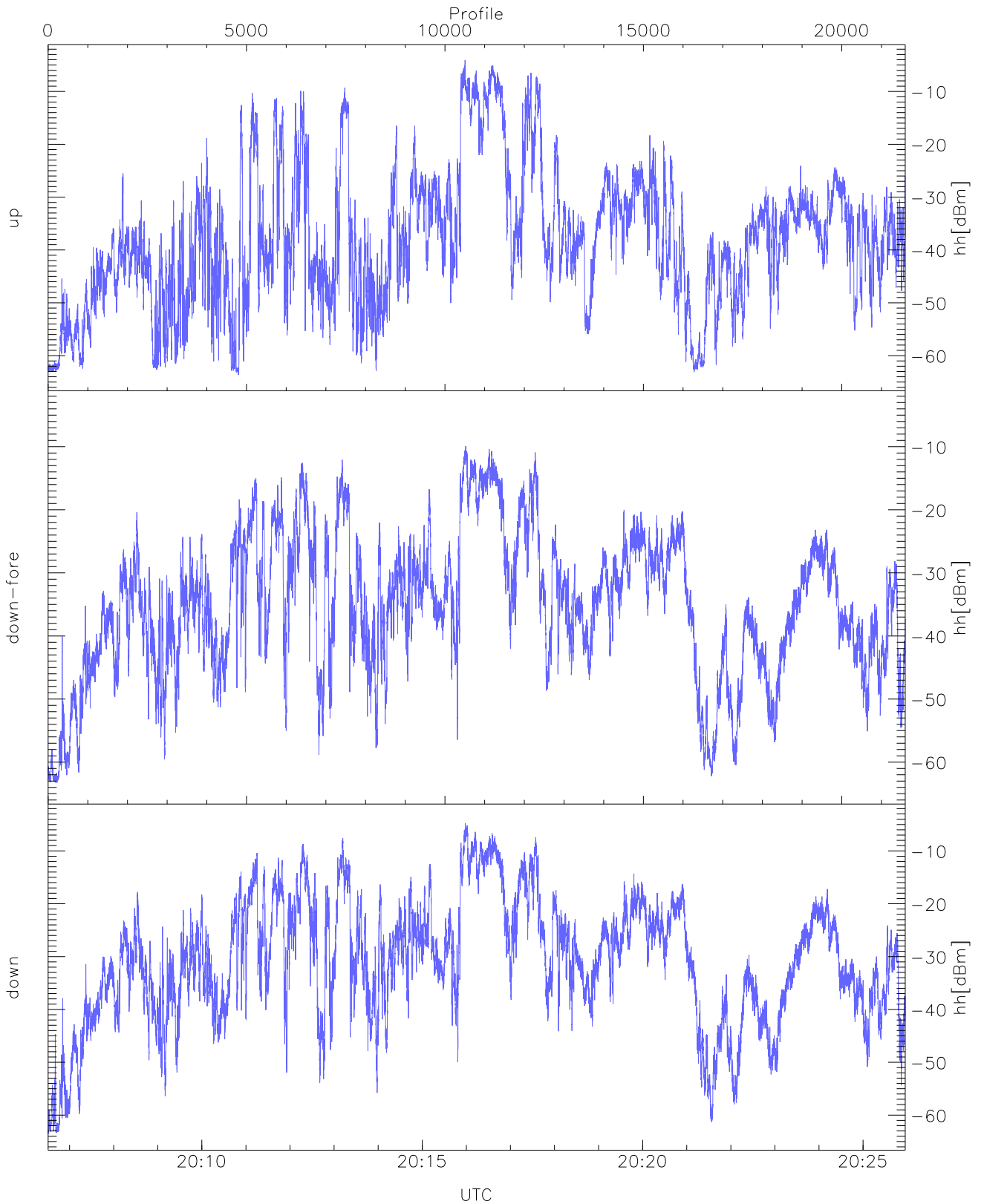
WCR2 CPP Averaged Received power for all recorded gates
blue: 200631-201614, 10801 profiles averaged
red: 201614-202557, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 200631-201614, 10801 profiles averaged
red: 201614-202557, 10800 profiles averaged

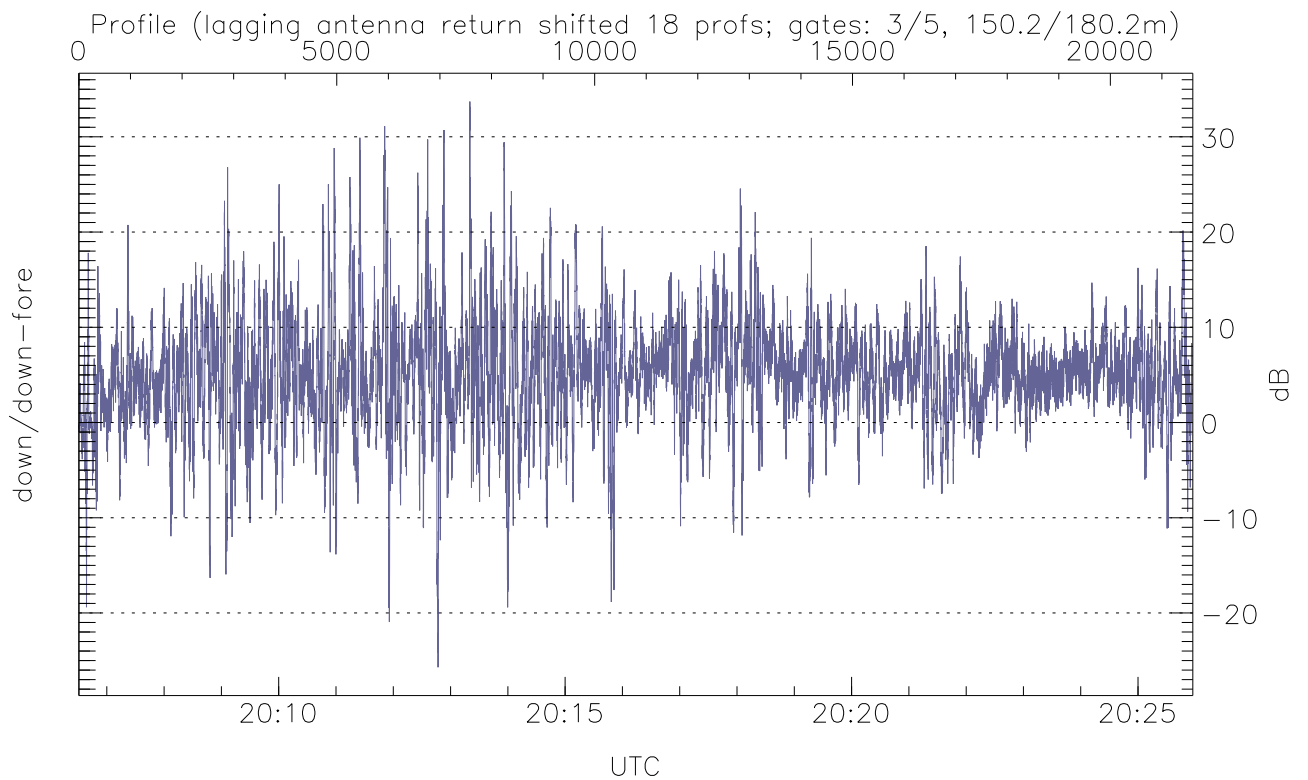
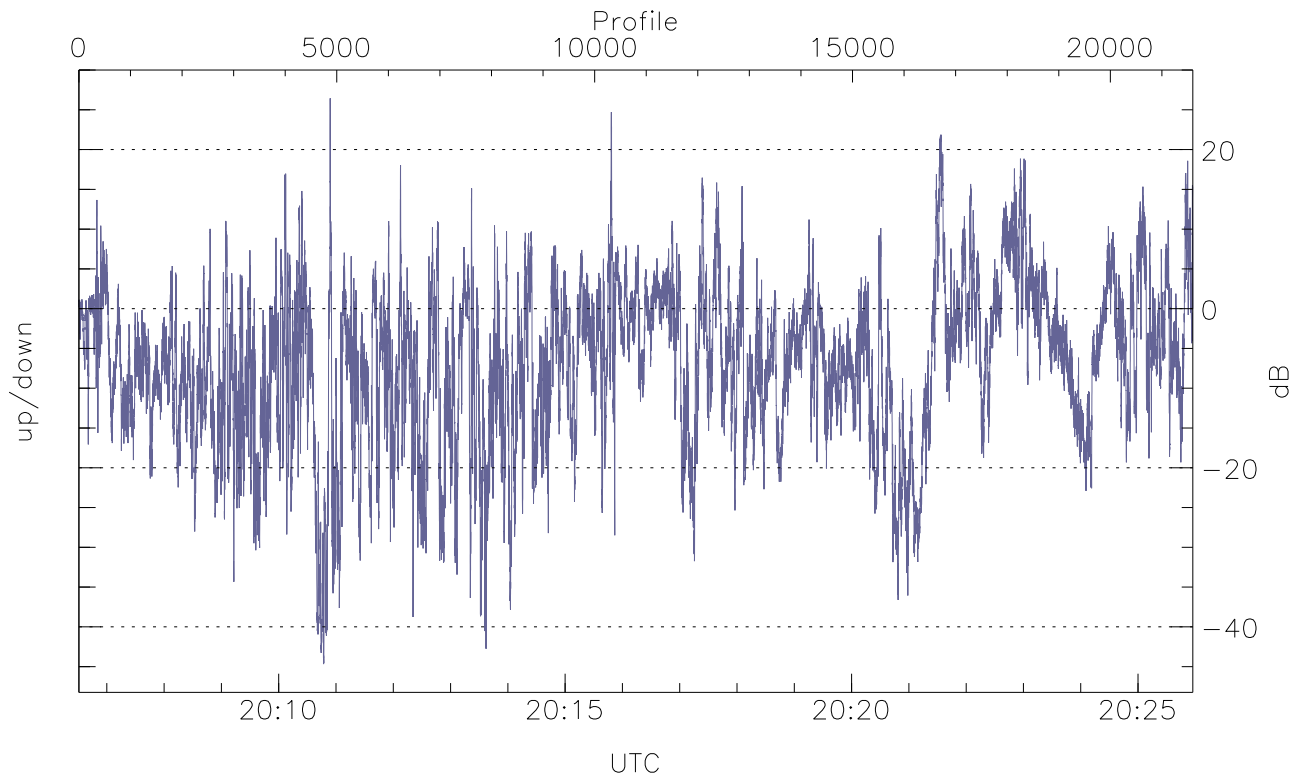


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



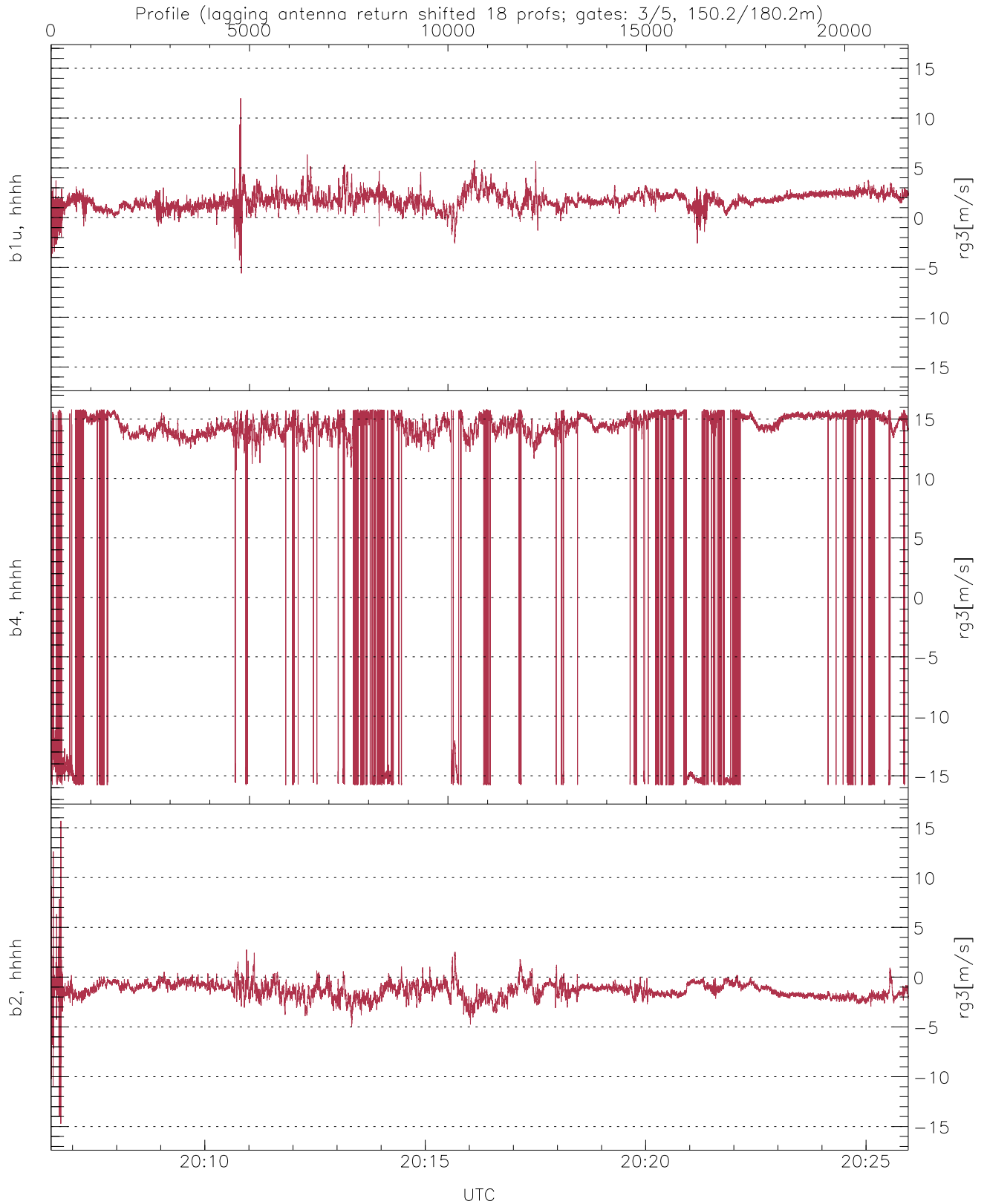
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.66	-4.11	-20.86
down-fore(hh[dBm])	-63.28	-9.90	-24.49
down(hh[dBm])	-63.52	-4.77	-20.07



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

	Min	Max	Mean
up/down (dB)	-44.68	26.45	-7.00
down/down-fore (dB)	-25.70	33.71	5.17



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-5.60	12.00	1.71	0.84
b4, hhhh(rg3[m/s])	-15.80	15.80	10.80	9.87
b2, hhhh(rg3[m/s])	-14.71	15.69	-1.33	0.83