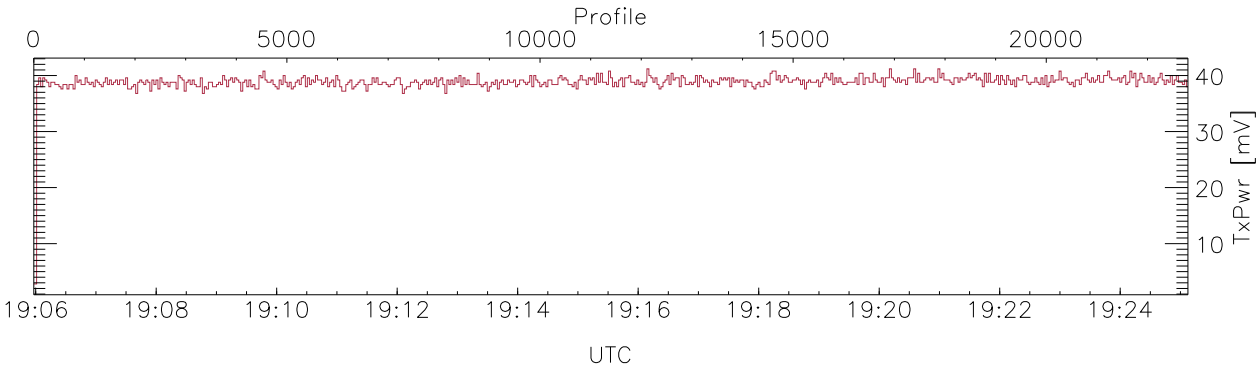
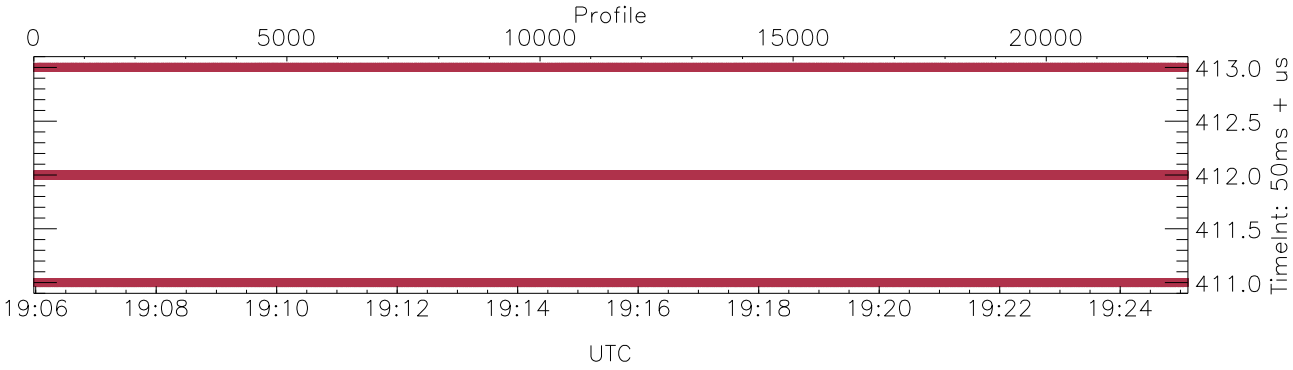
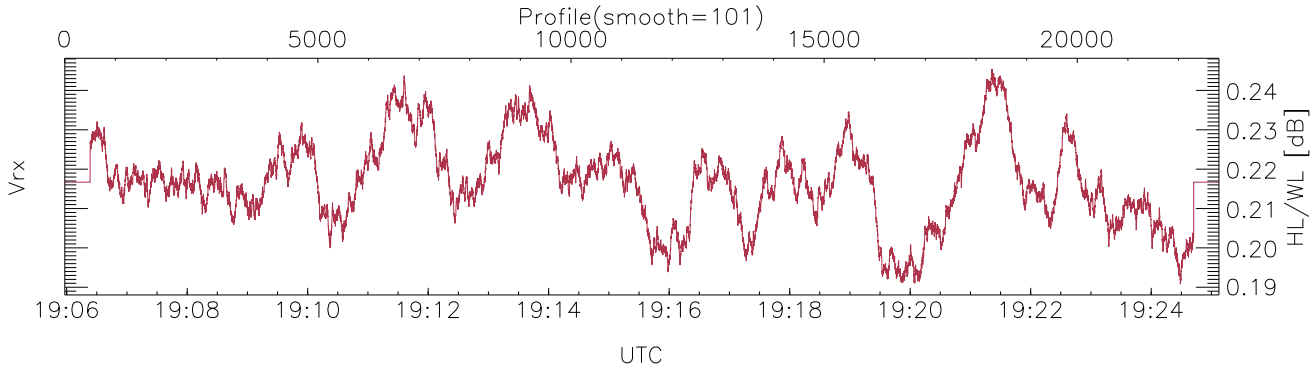
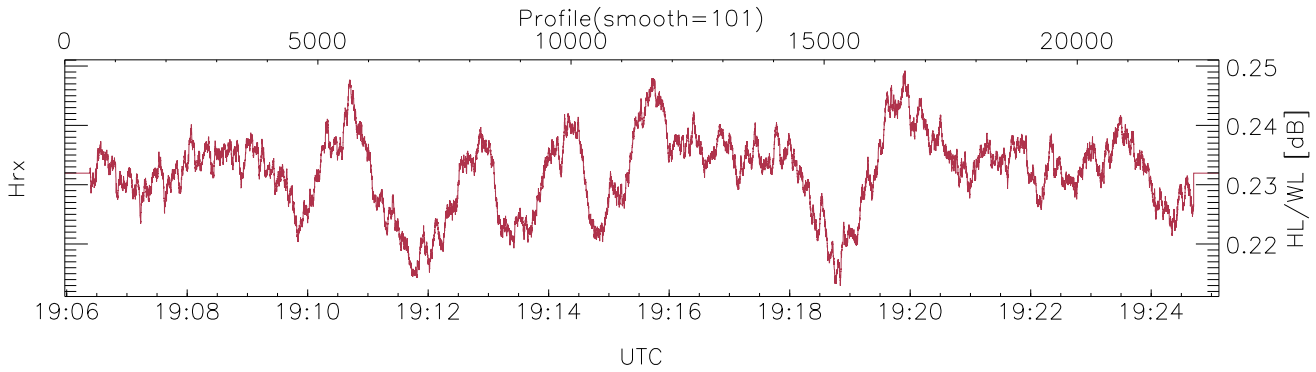


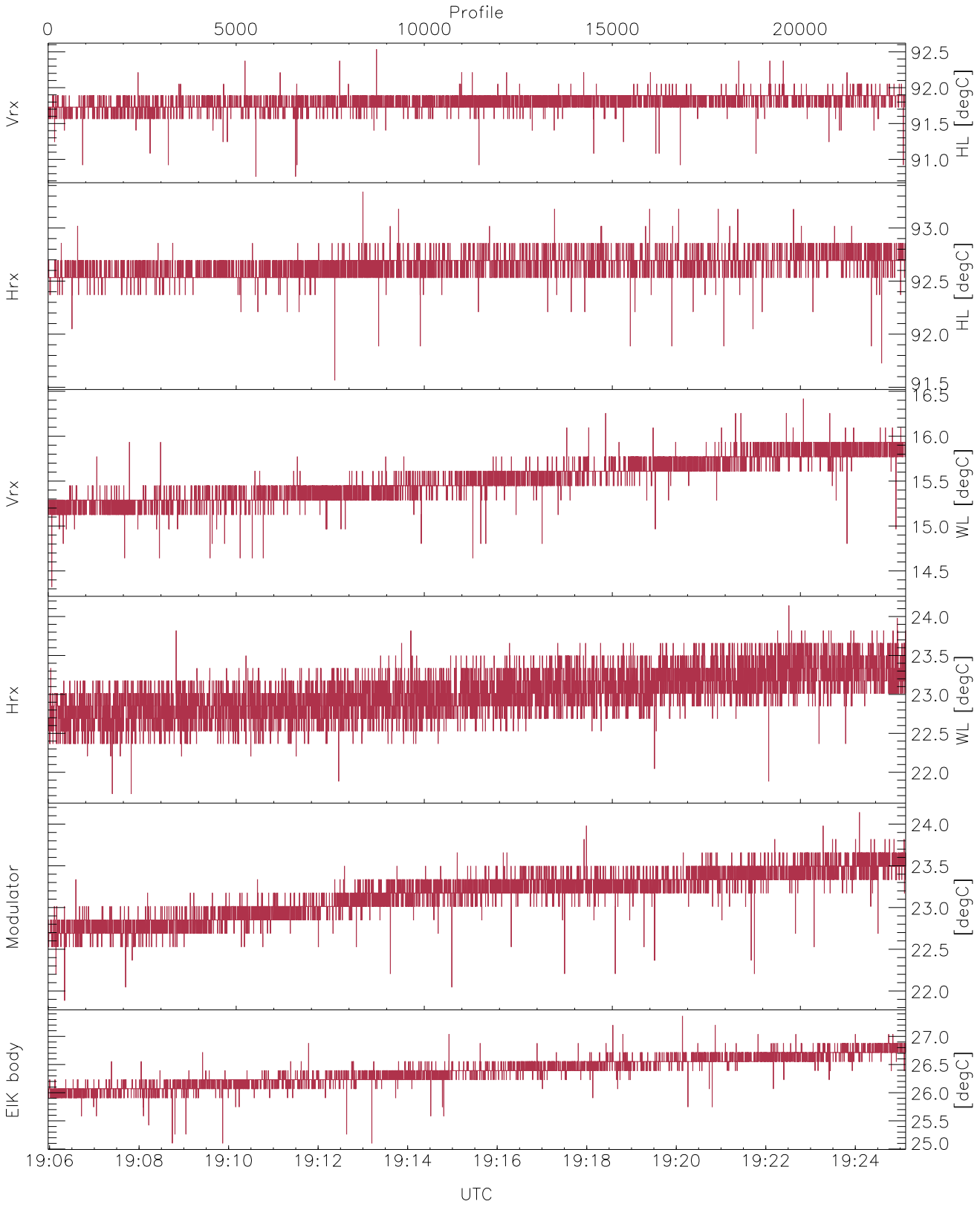






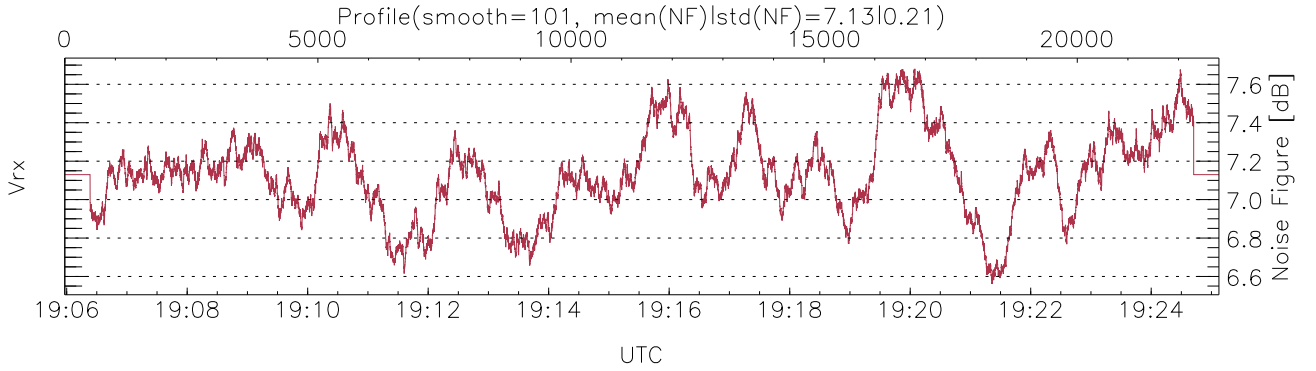
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

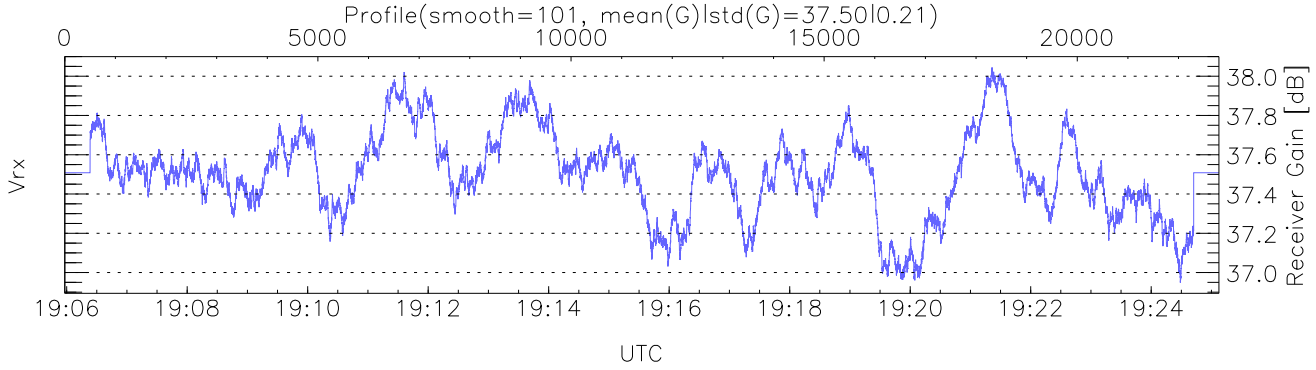
UTC: 19:05:58-19:33:22, Dur: 1643.40s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 22800/32600, 0-22799/19:05:58-19:25:07
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
Mirror(-9|0|1|2,3,9x = no mirror|sideluperror): 1

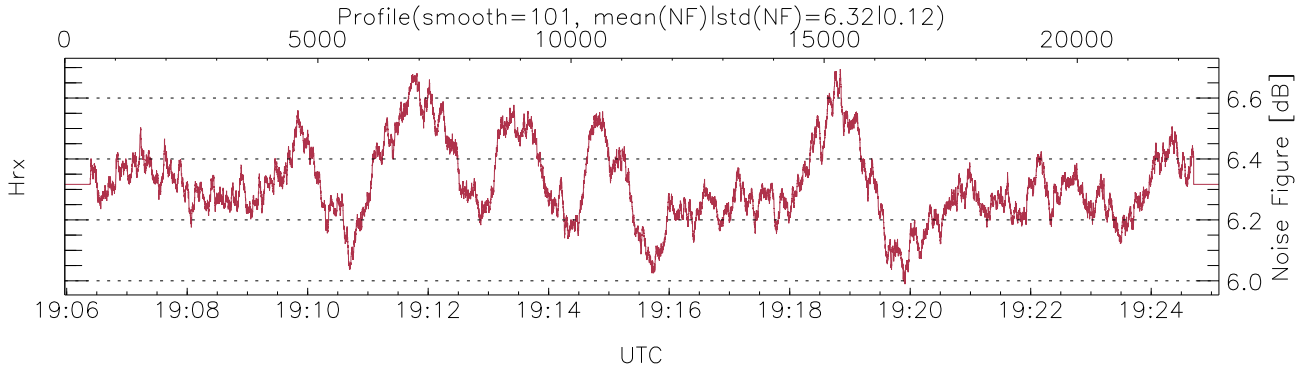


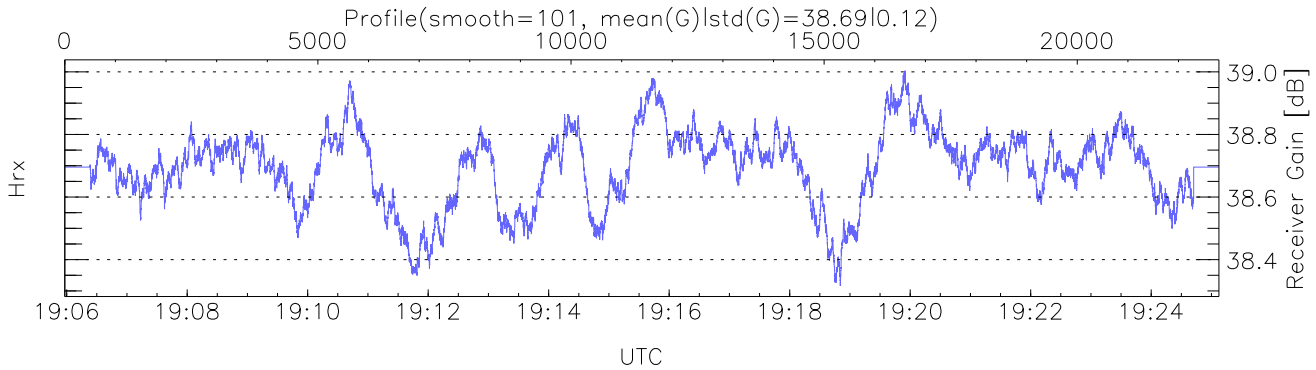
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,21,21,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,24,24,27
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
HVPS (32)



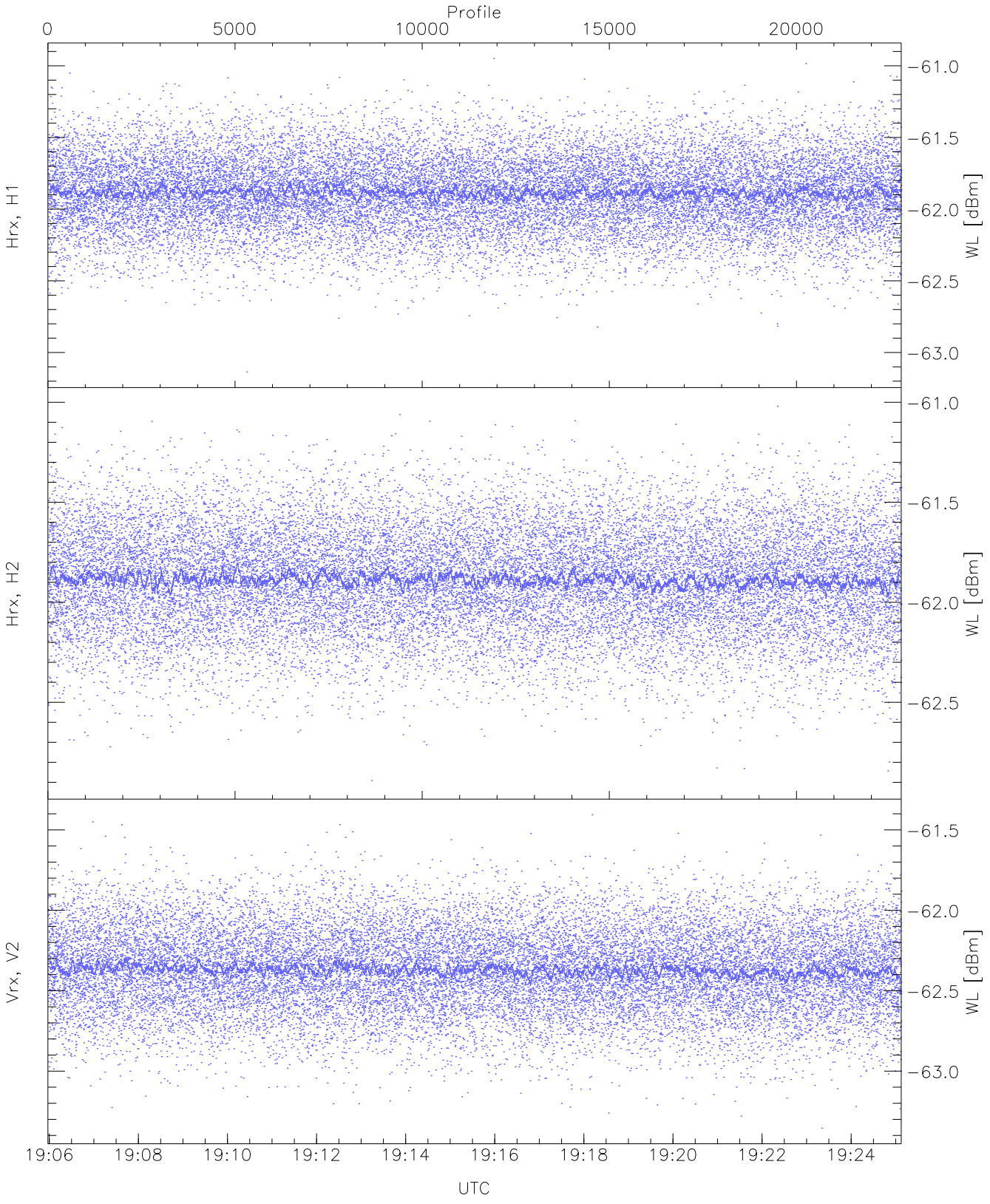






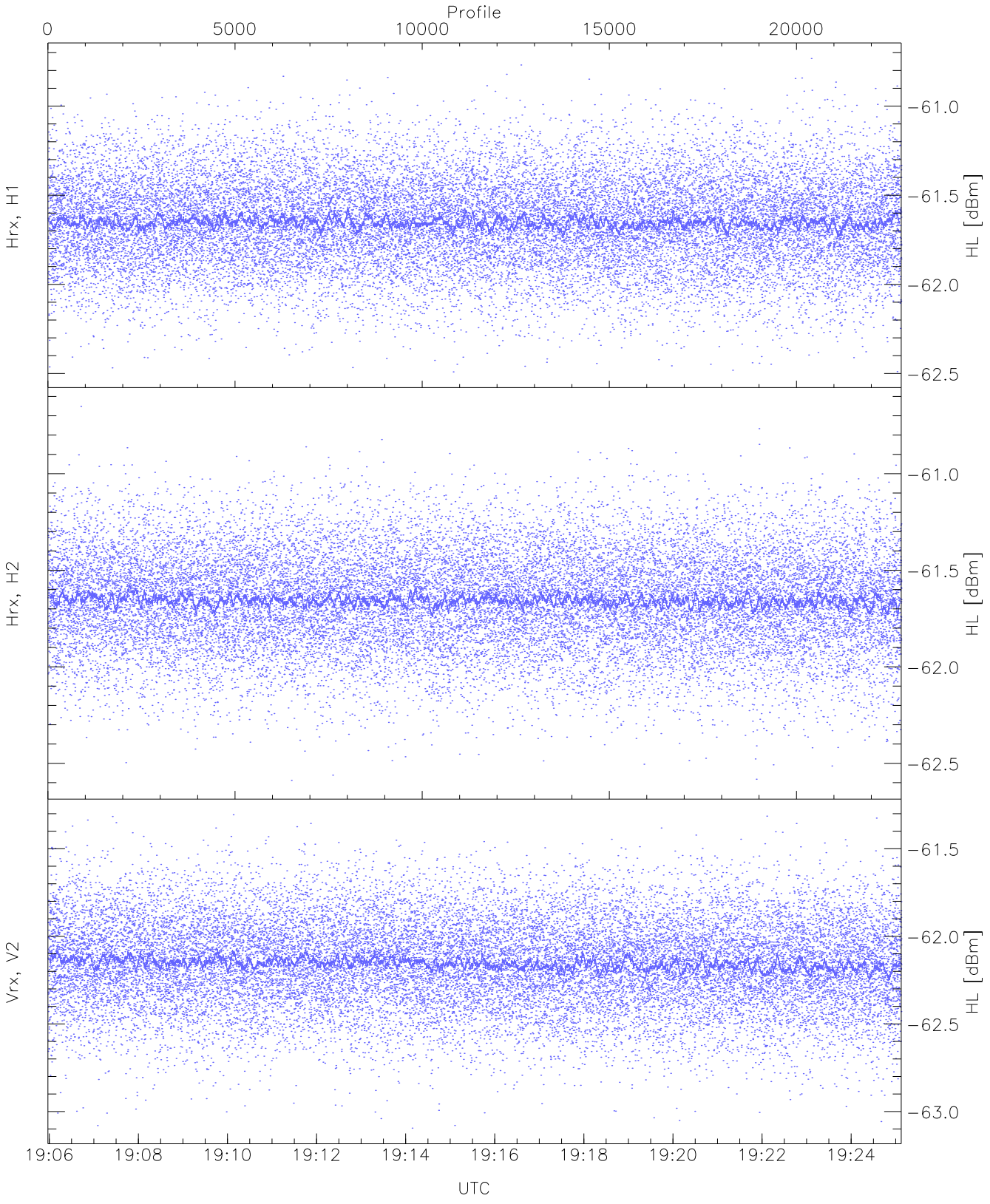
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 11722 pixs, 13 gates, 11695 profs, 1 prods



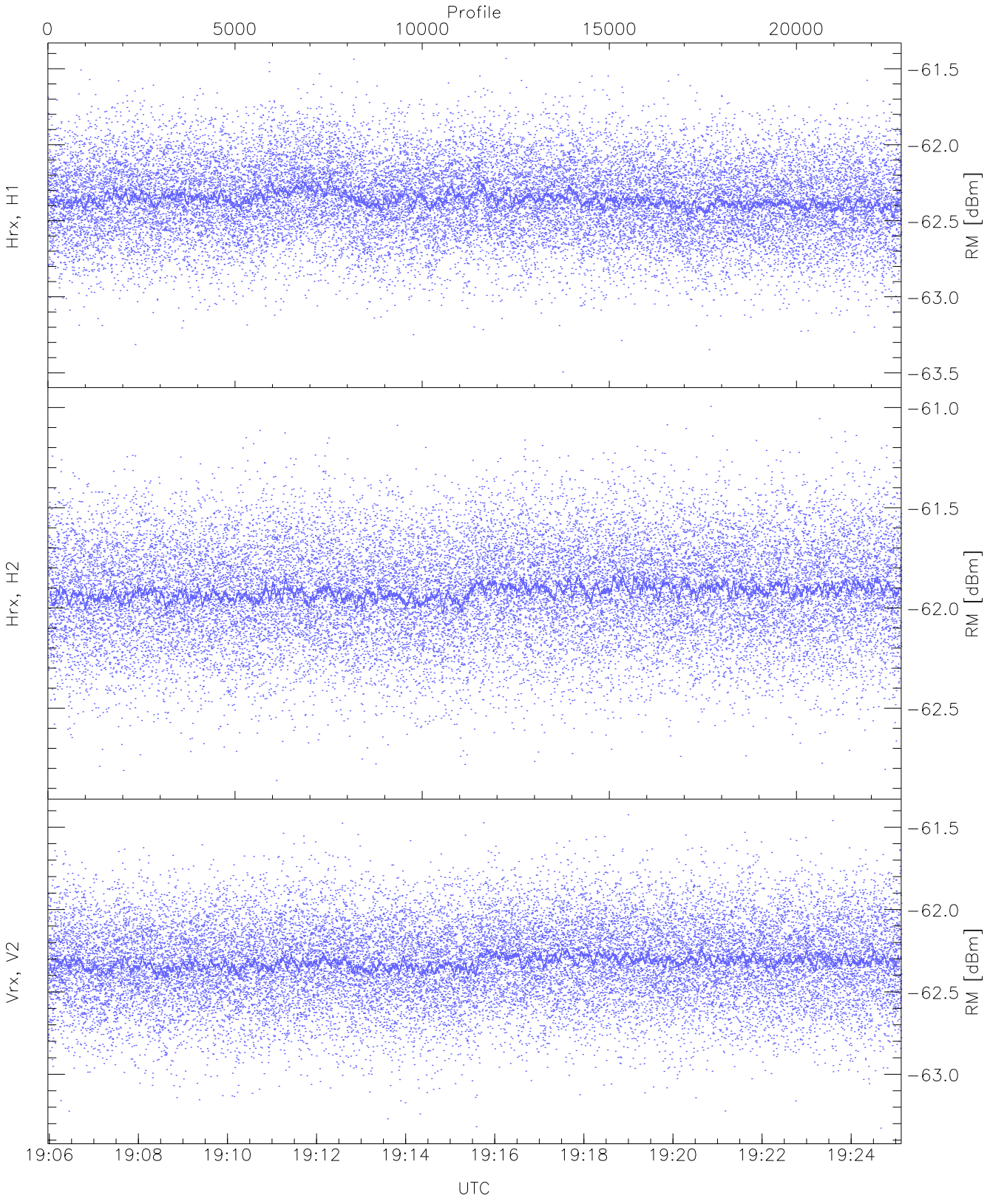
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.14	-60.95	-61.88	-61.88	-74.45
Hrx, H2(WL [dBm])	-62.89	-61.02	-61.88	-61.88	-74.46
Vrx, V2(WL [dBm])	-63.35	-61.41	-62.37	-62.37	-74.90



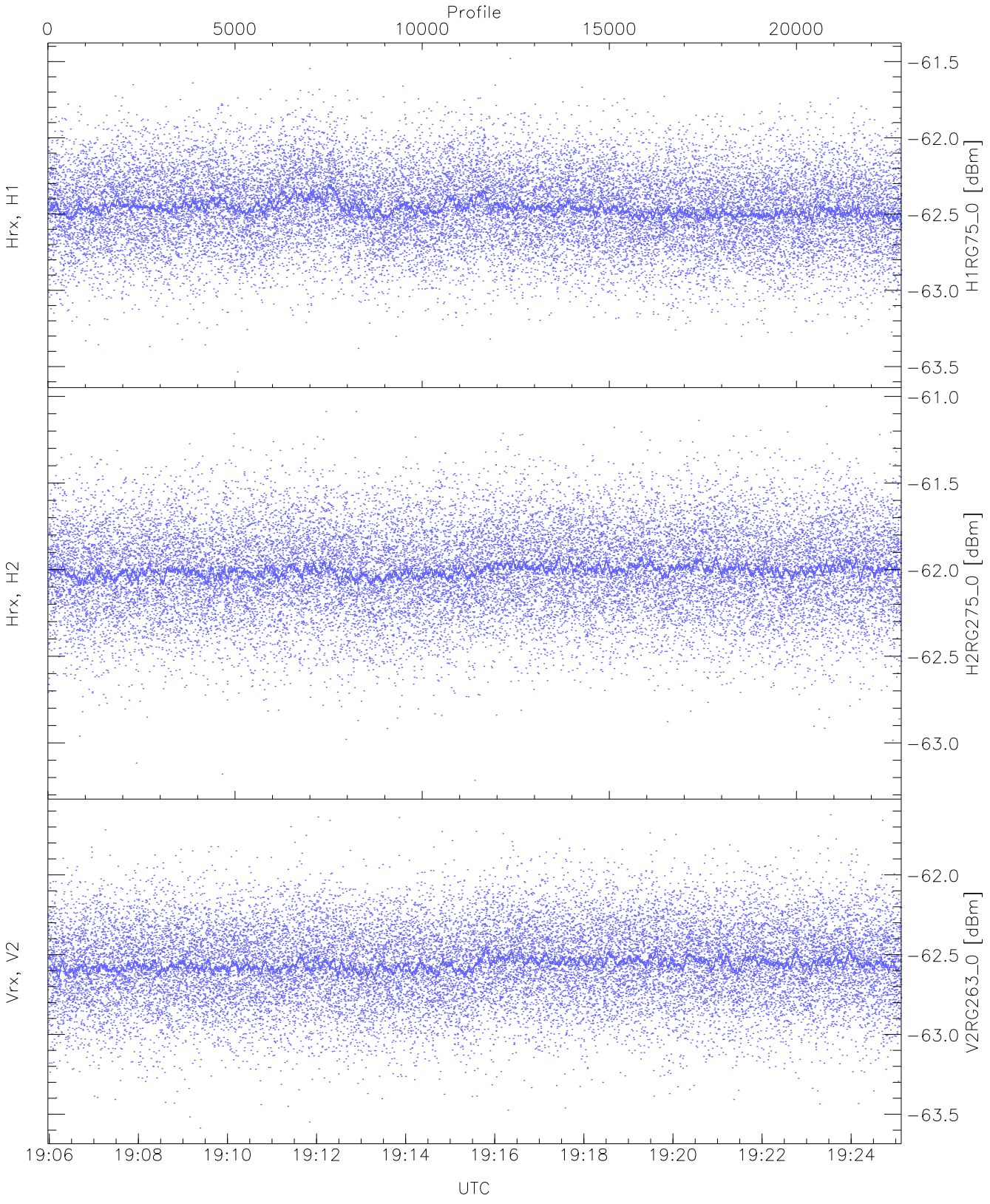
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.49	-60.73	-61.65	-61.65	-74.24
Hrx, H2(HL [dBm])	-62.59	-60.65	-61.65	-61.65	-74.23
Vrx, V2(HL [dBm])	-63.09	-61.31	-62.15	-62.15	-74.70



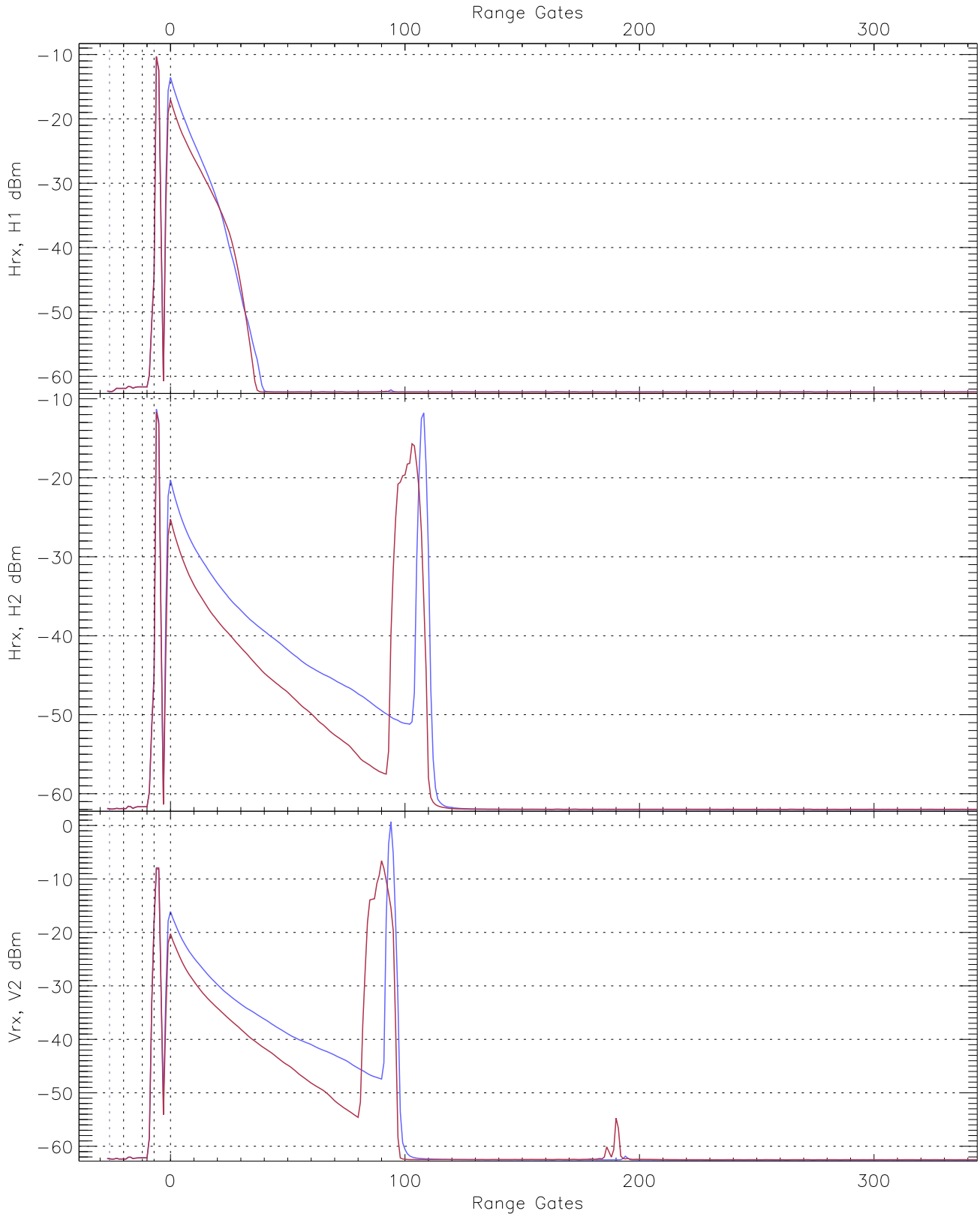
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.49	-61.43	-62.36	-62.36	-74.82
Hrx, H2(RM [dBm])	-62.86	-60.99	-61.92	-61.92	-74.50
Vrx, V2(RM [dBm])	-63.33	-61.42	-62.32	-62.32	-74.87

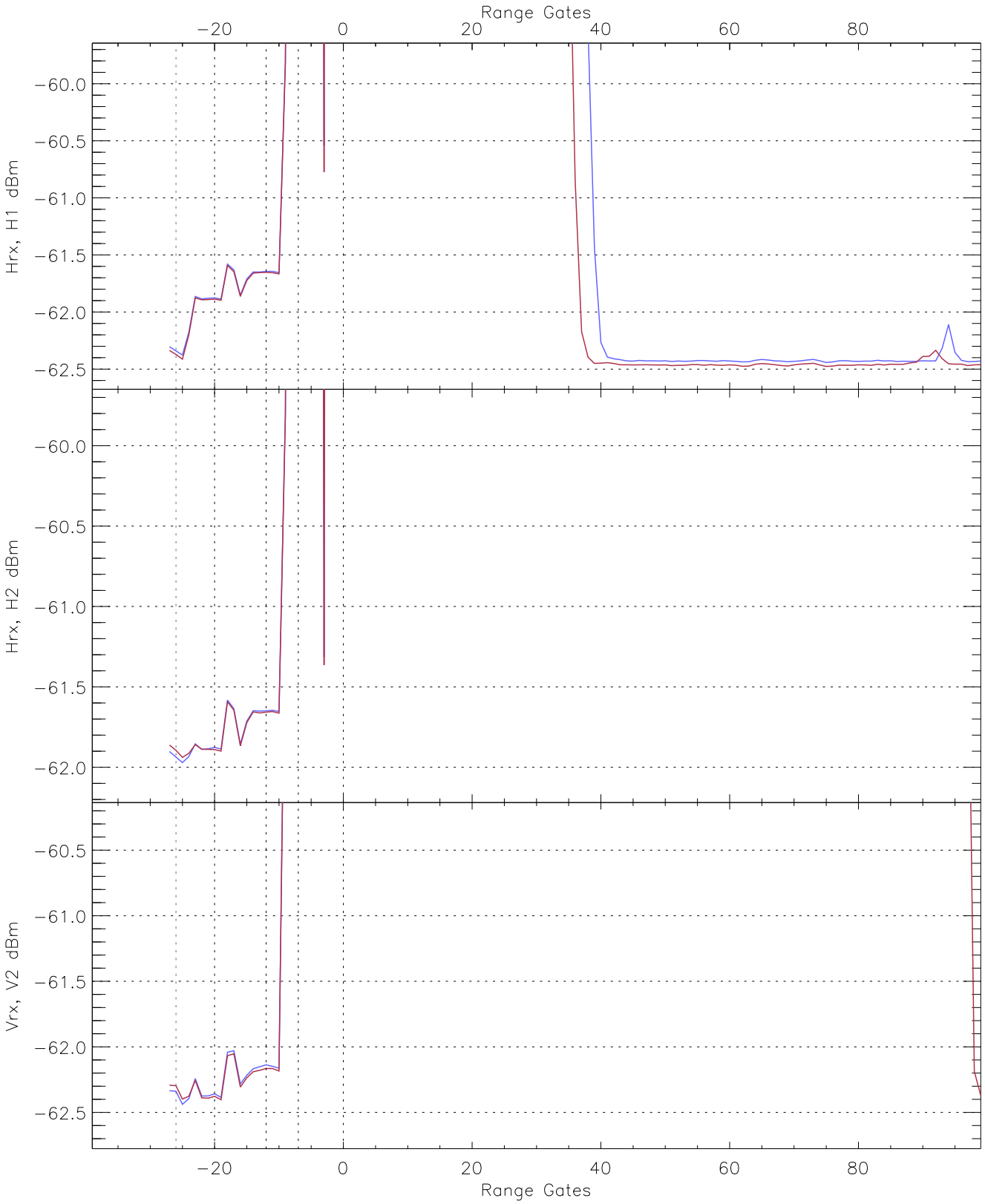


WCR2 CPP "Best" estimate Receivers Noise Power

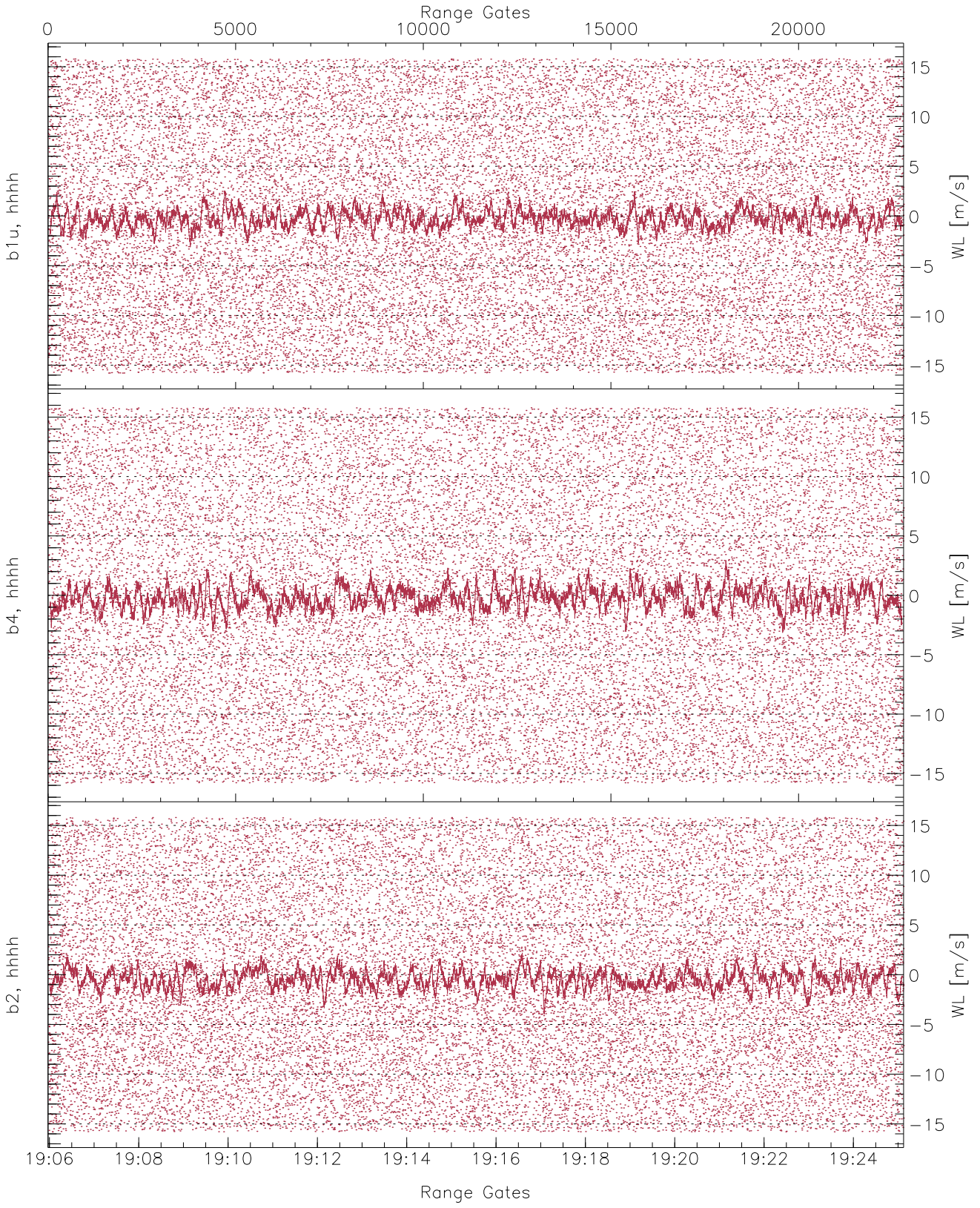
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.54	-61.48	-62.46	-62.46	-74.98
H2RG275_0 [dBm]	-63.22	-61.06	-62.00	-62.01	-74.53
V2RG263_0 [dBm]	-63.59	-61.62	-62.56	-62.56	-75.10



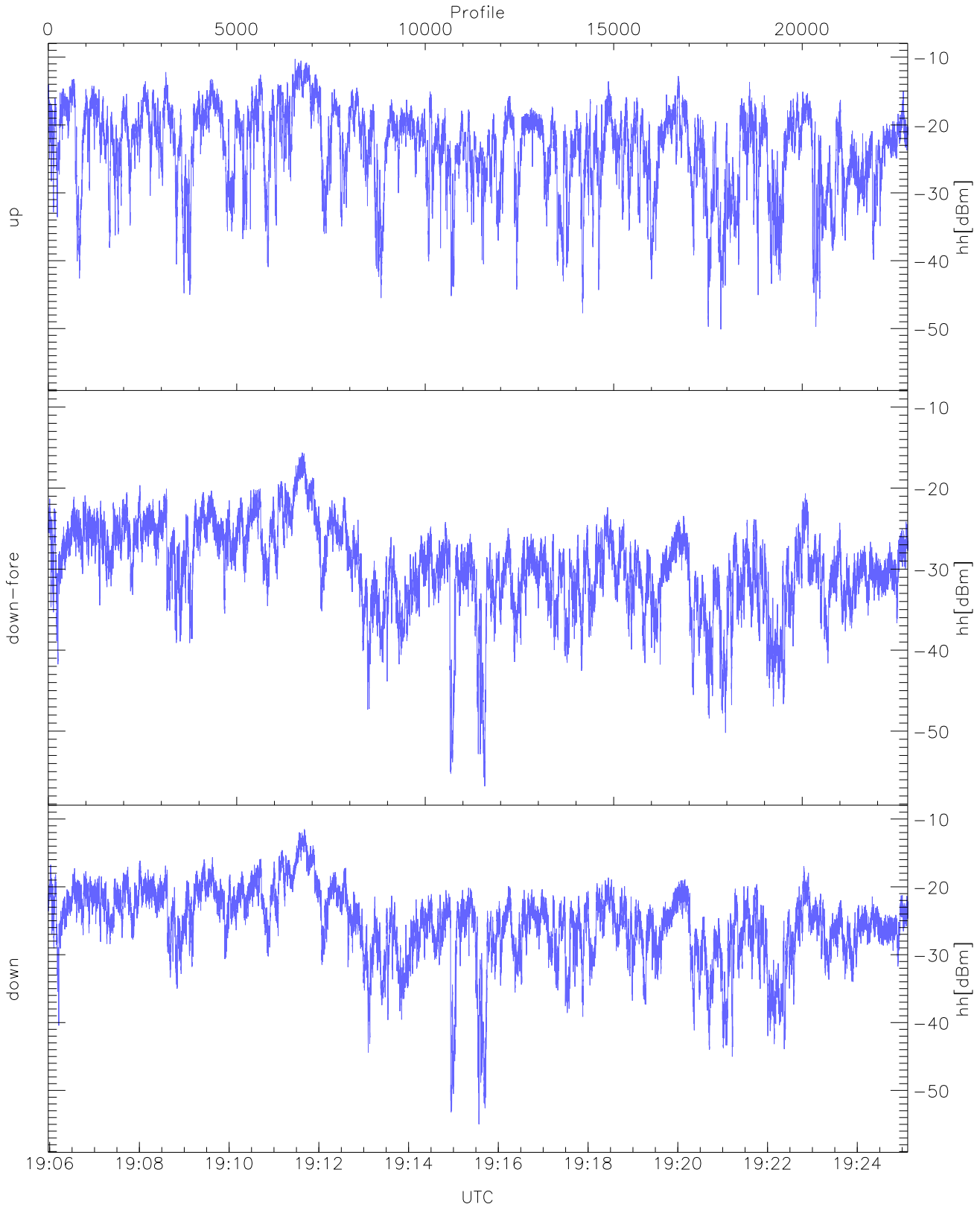
WCR2 CPP Averaged Received power for all recorded gates
blue: 190558-191533, 11401 profiles averaged
red: 191533-192507, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 190558-191533, 11401 profiles averaged
red: 191533-192507, 11400 profiles averaged

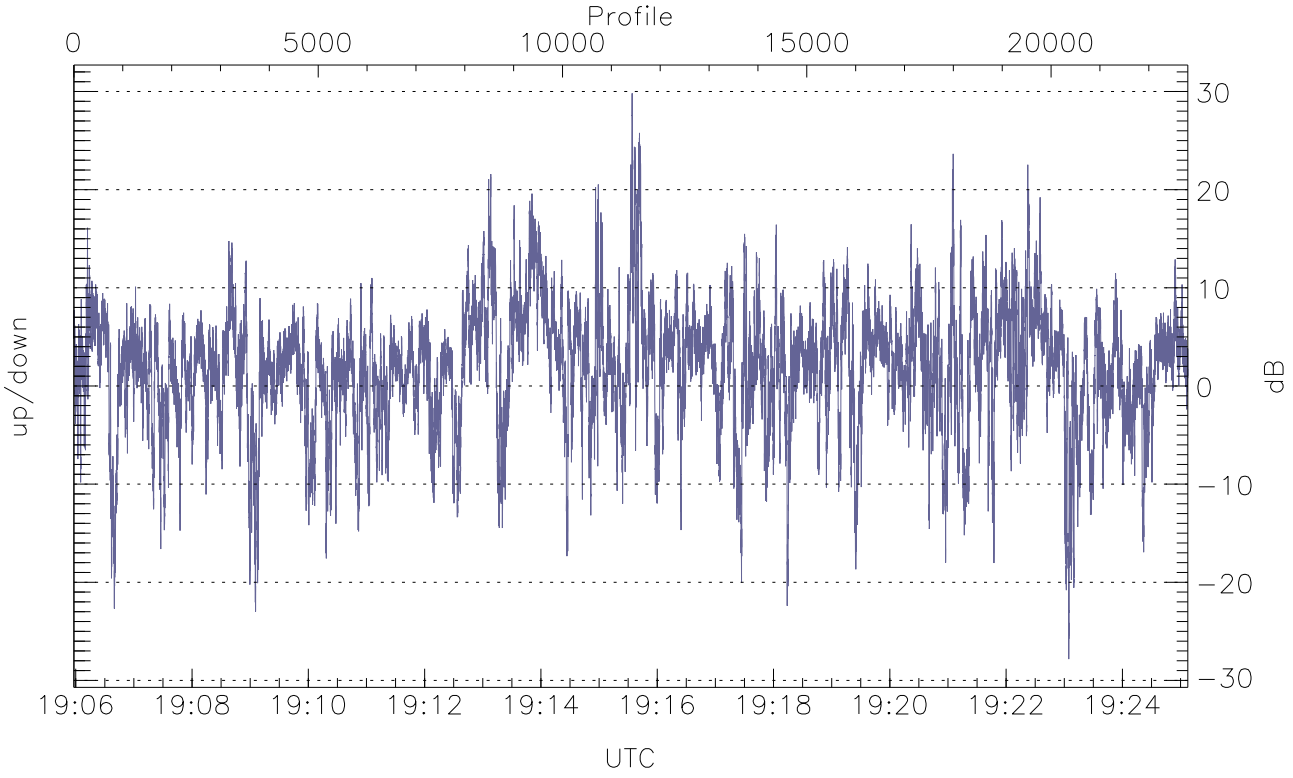


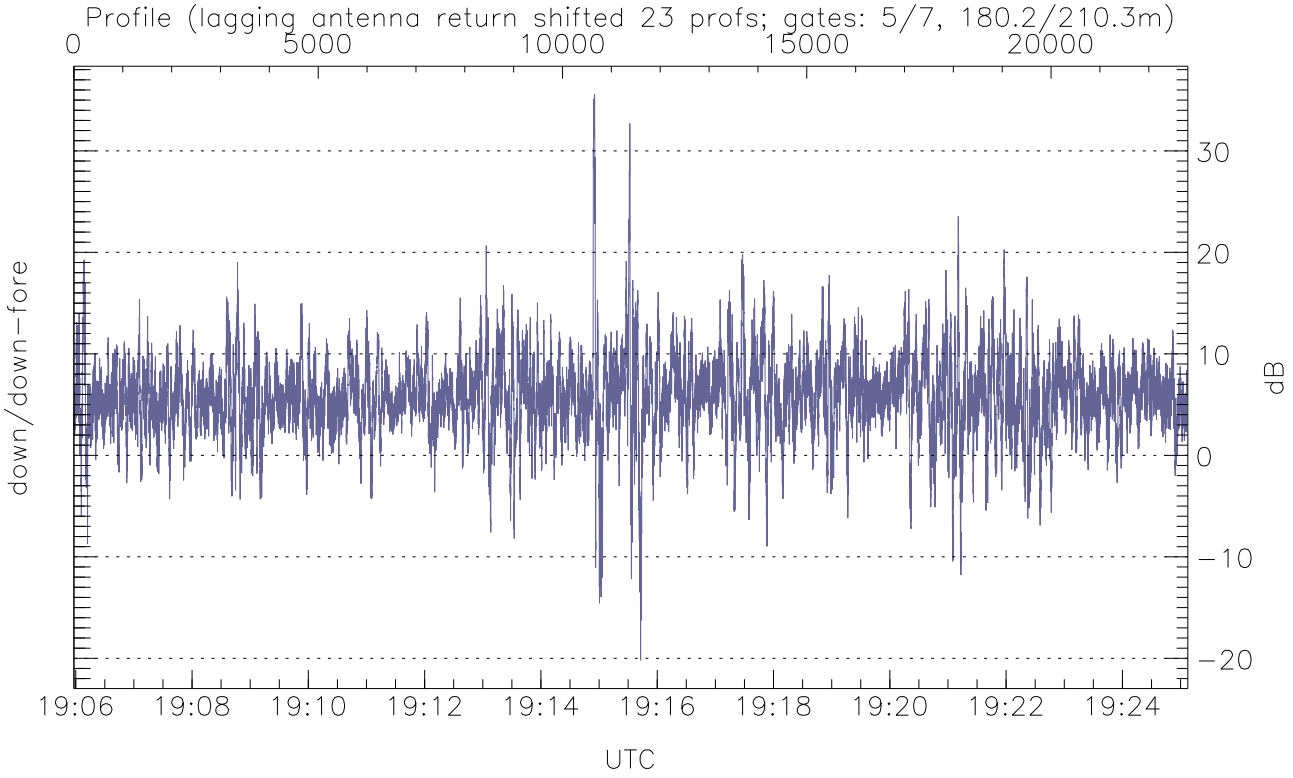
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

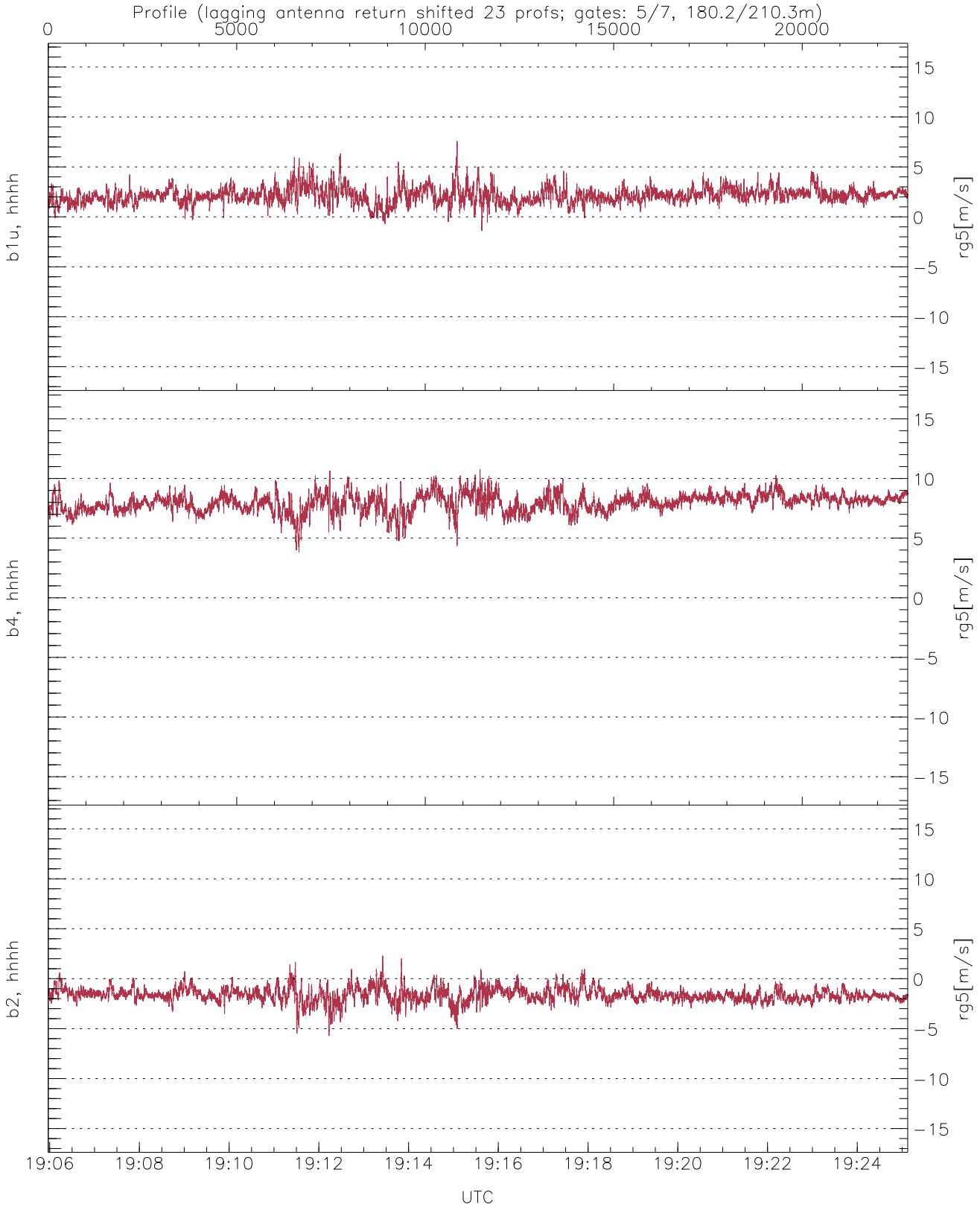
	Min	Max	Mean
up(hh[dBm])	-50.12	-10.28	-20.45
down-fore(hh[dBm])	-56.80	-15.62	-27.15
down(hh[dBm])	-54.99	-11.51	-22.95





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

	Min	Max	Mean
up/down(dB)	-27.83	29.82	1.82
down/down-fore(dB)	-20.19	35.55	5.84



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.39	7.58	2.13	0.80
b4, hhhh(rg5[m/s])	3.80	10.78	7.95	0.76
b2, hhhh(rg5[m/s])	-5.72	2.30	-1.62	0.70