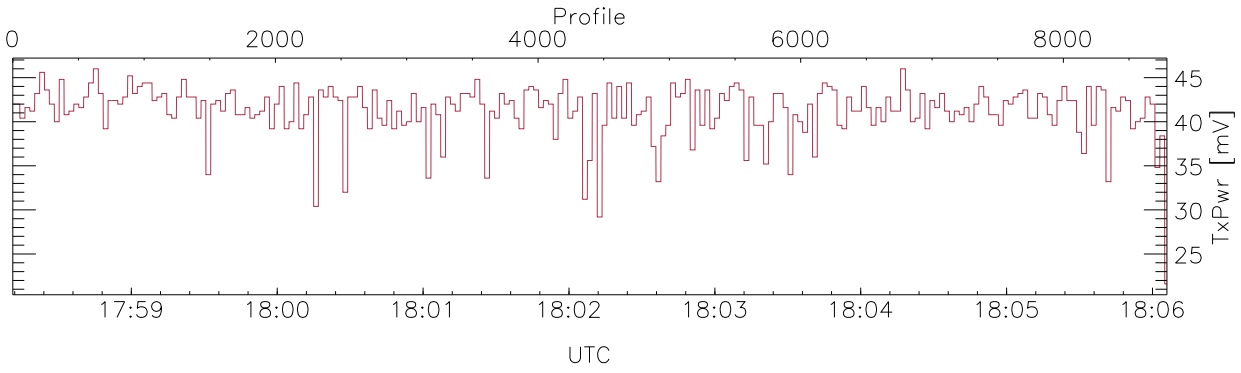
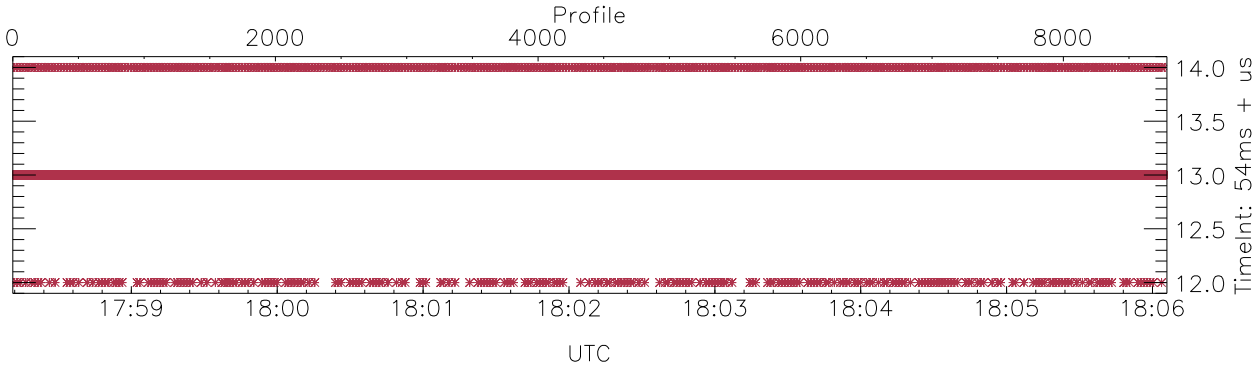
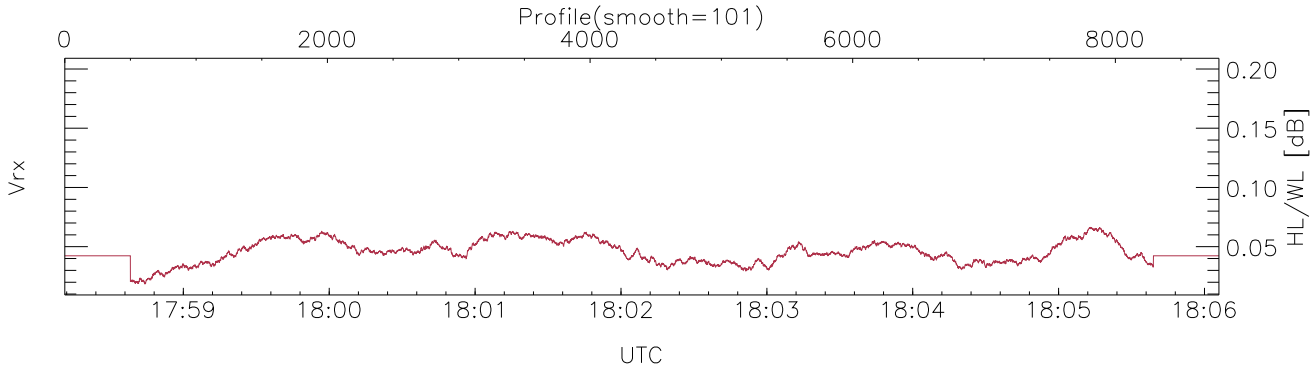
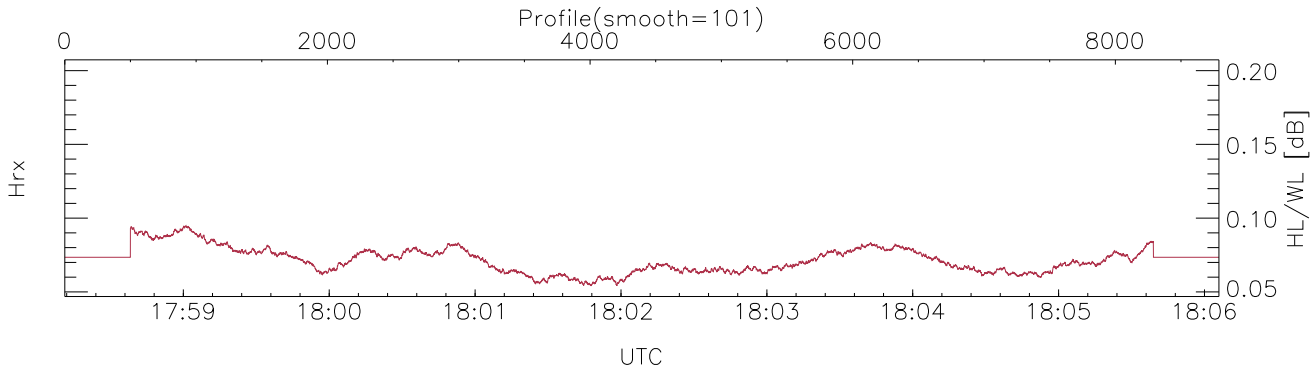


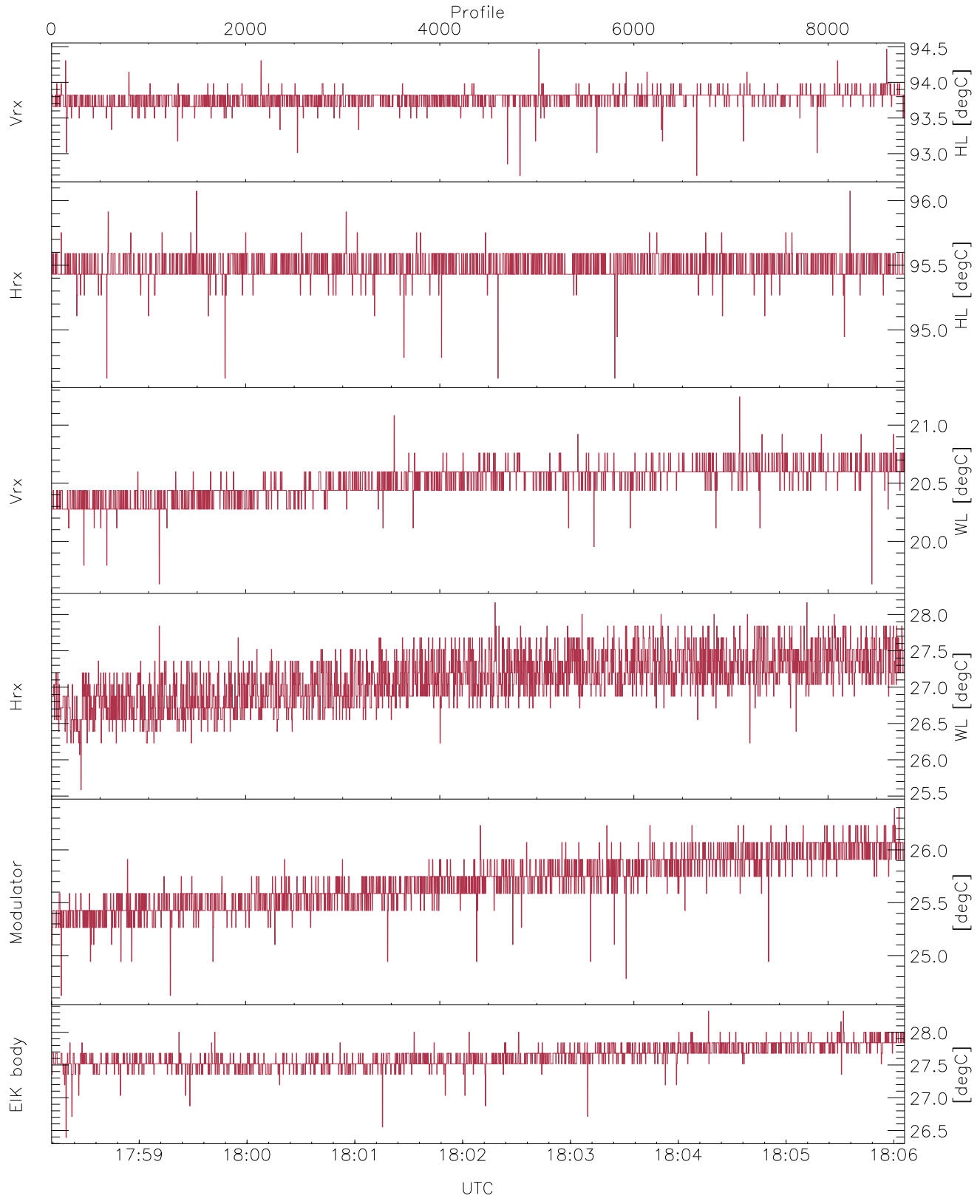






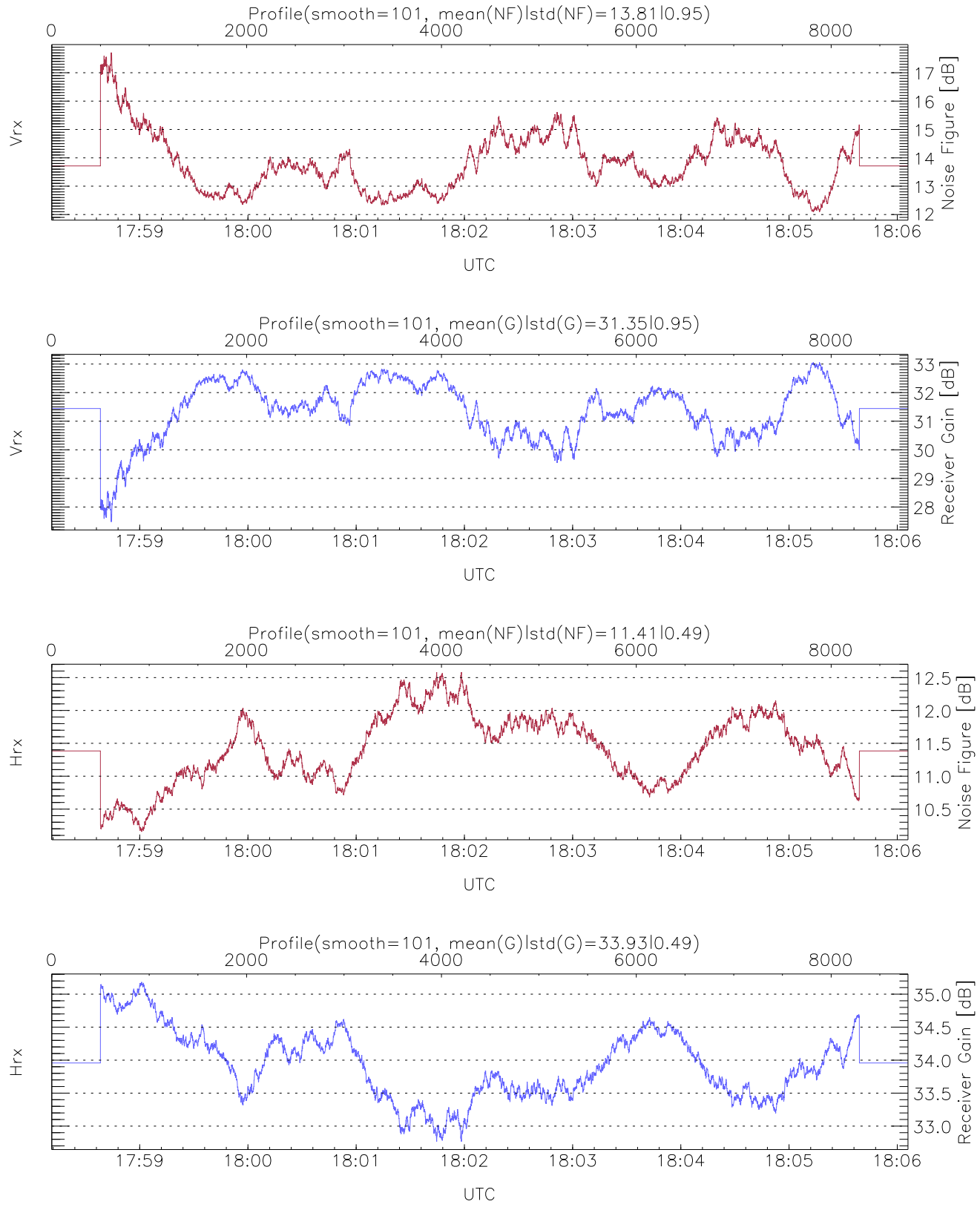
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:58:11-18:06:06, Dur: 474.72s
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): 8790/8790, 0-8789/17:58:11-18:06:06
AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
Pulse: 100ns, IFF: 10.0MHz, 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): 82,2951,7.5 m, Gates: 383, Aspect: 1.5
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1



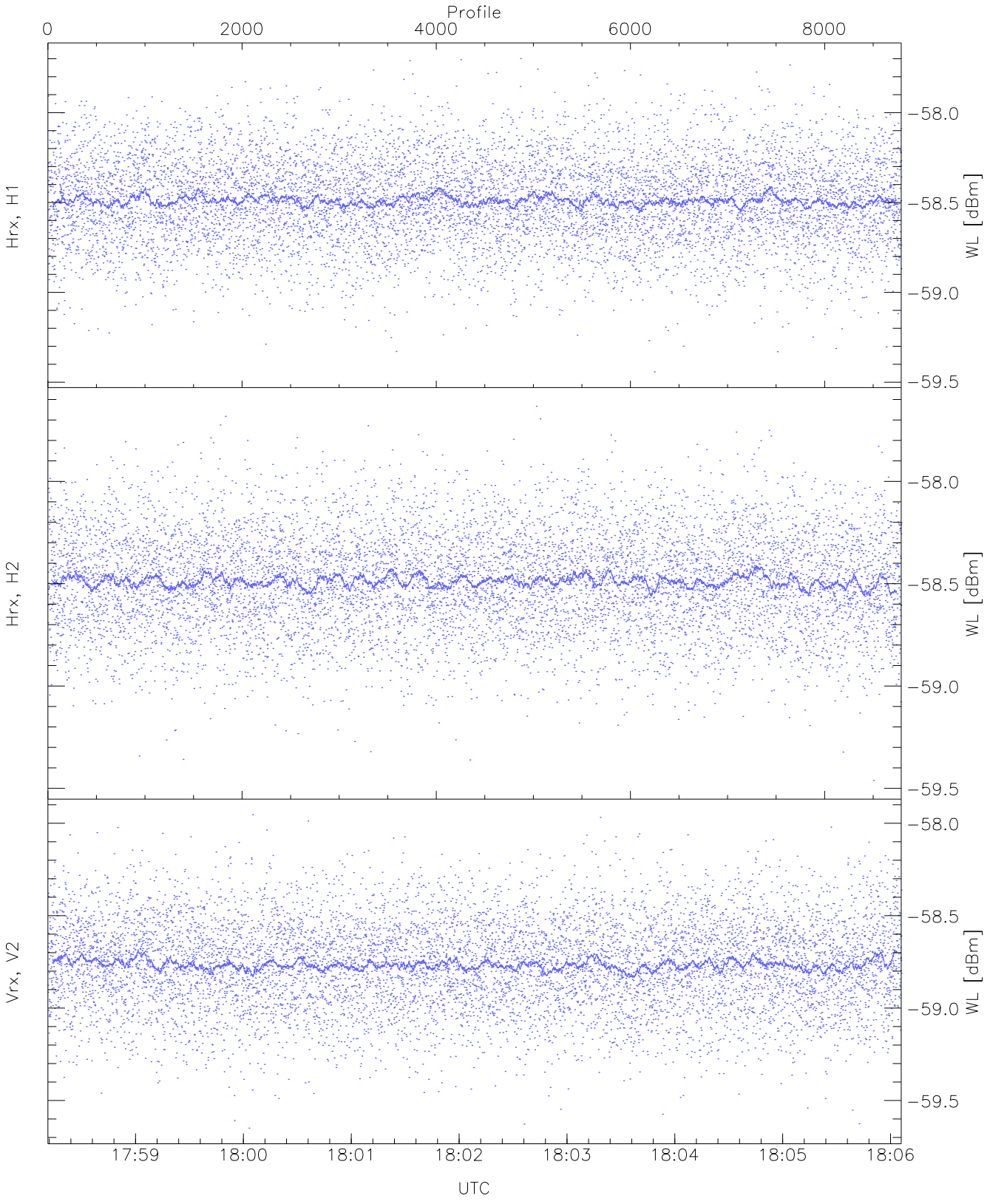
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,25,24,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,28,26,28
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty (5,5,5,10,10)
WARNING: <VrxHLn>-<VrxWLn> < 0.05dB for 1 pwr prods.



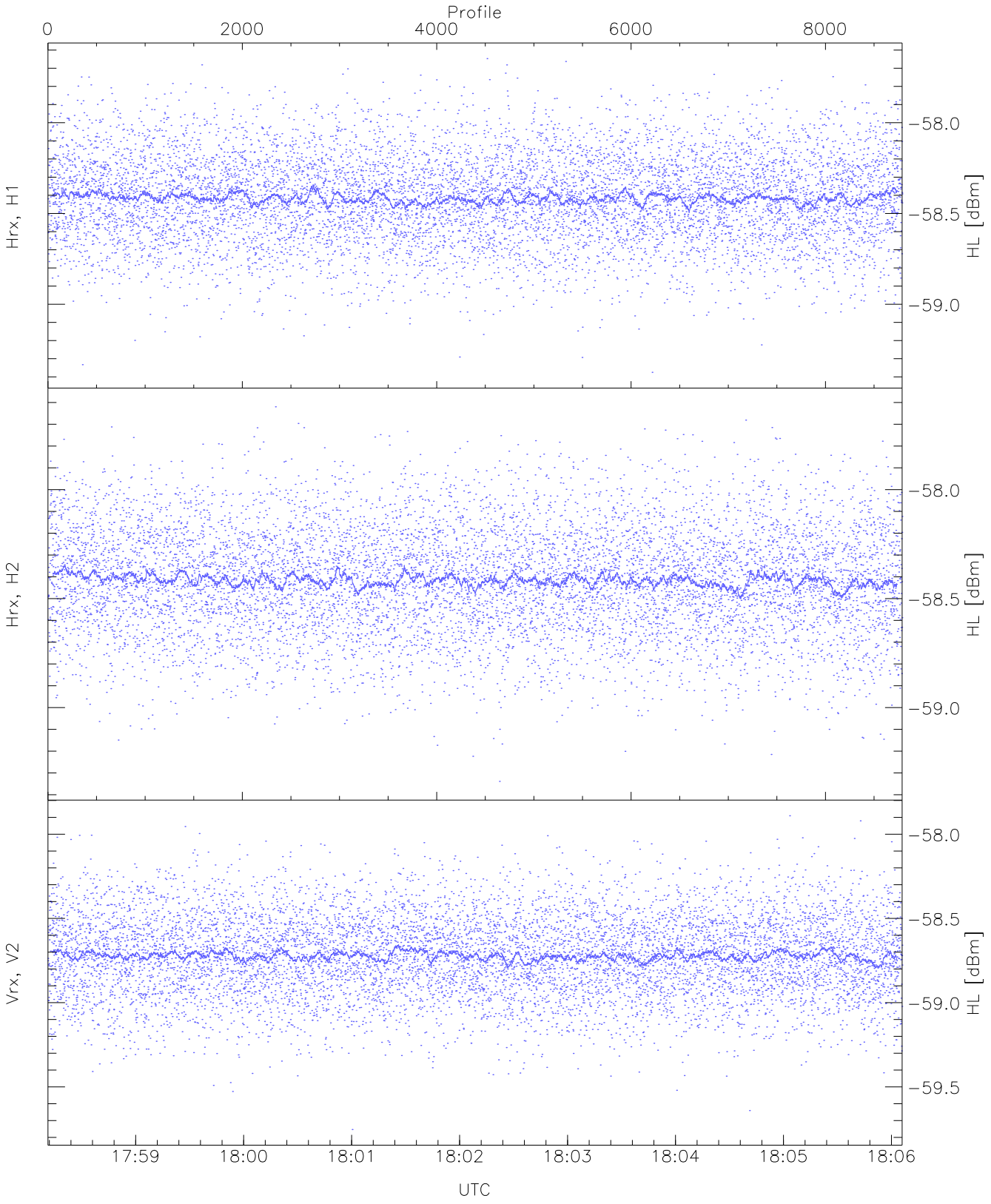
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 693 pixs, 58 gates, 666 profs, 2 prods



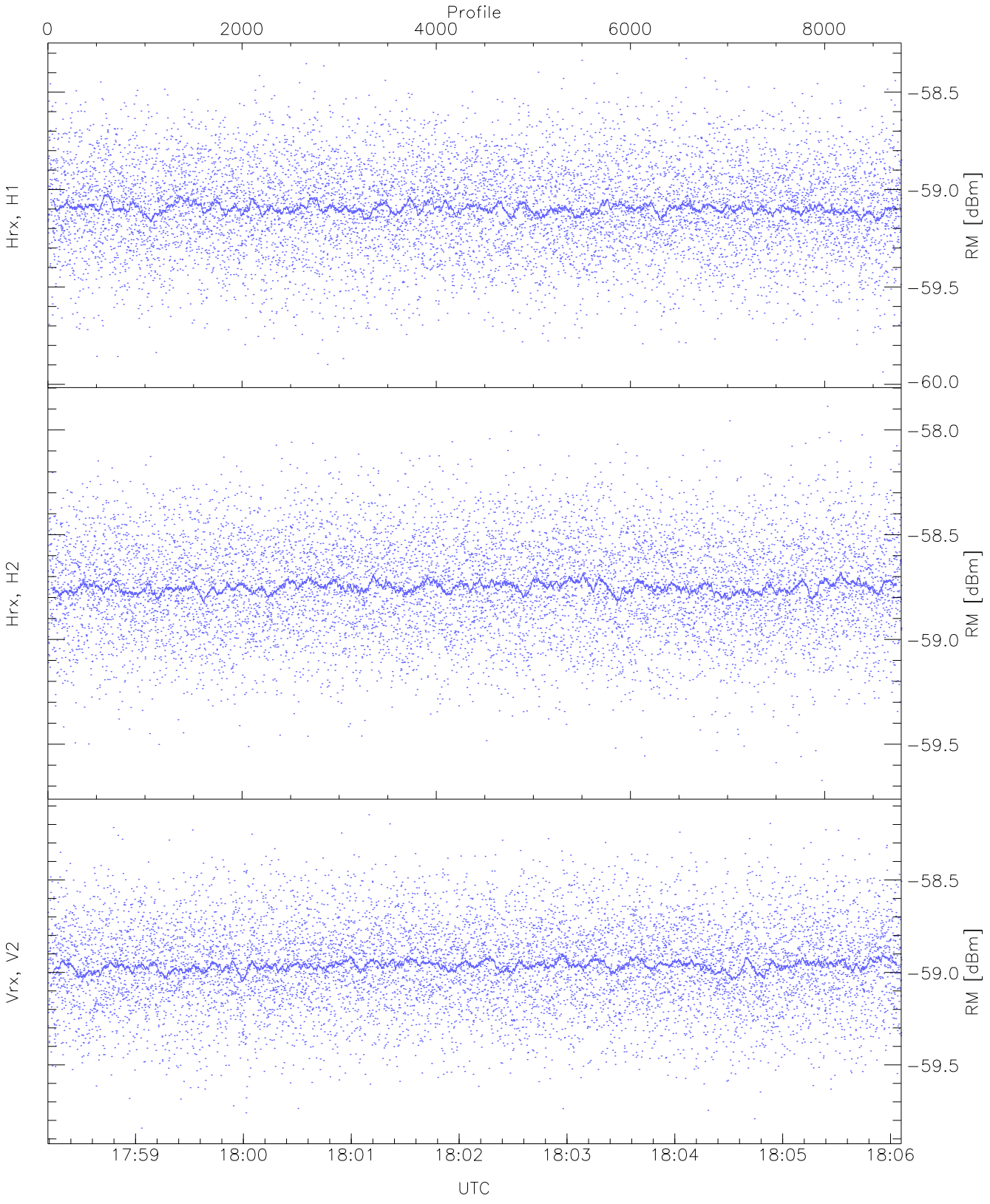
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-59.44	-57.70	-58.49	-58.49	-71.25
Hrx, H2(WL [dBm])	-59.46	-57.63	-58.48	-58.49	-71.18
Vrx, V2(WL [dBm])	-59.65	-57.95	-58.76	-58.76	-71.47



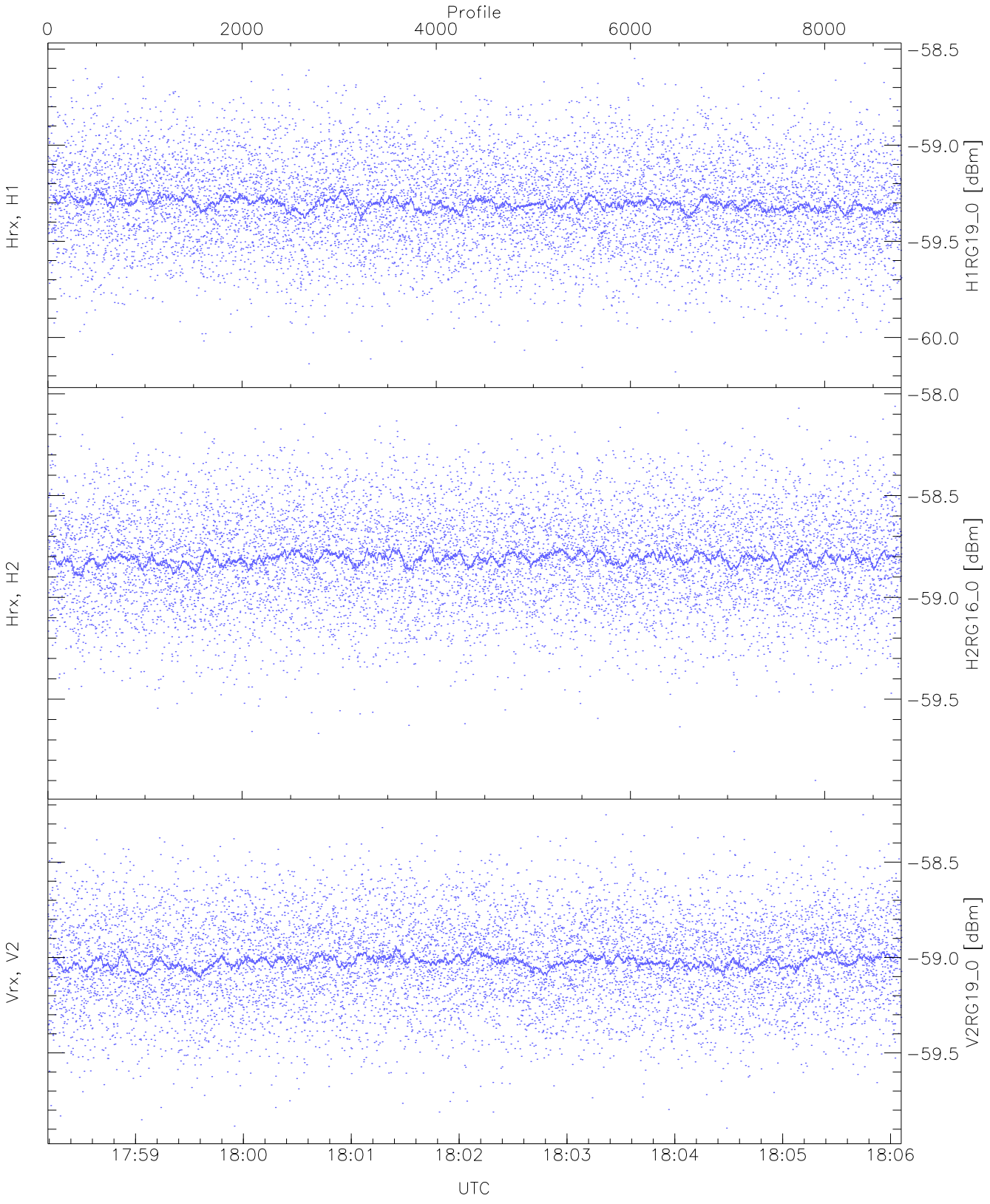
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-59.38	-57.65	-58.41	-58.42	-71.17
Hrx, H2(HL [dBm])	-59.34	-57.62	-58.41	-58.42	-71.13
Vrx, V2(HL [dBm])	-59.75	-57.89	-58.72	-58.72	-71.46



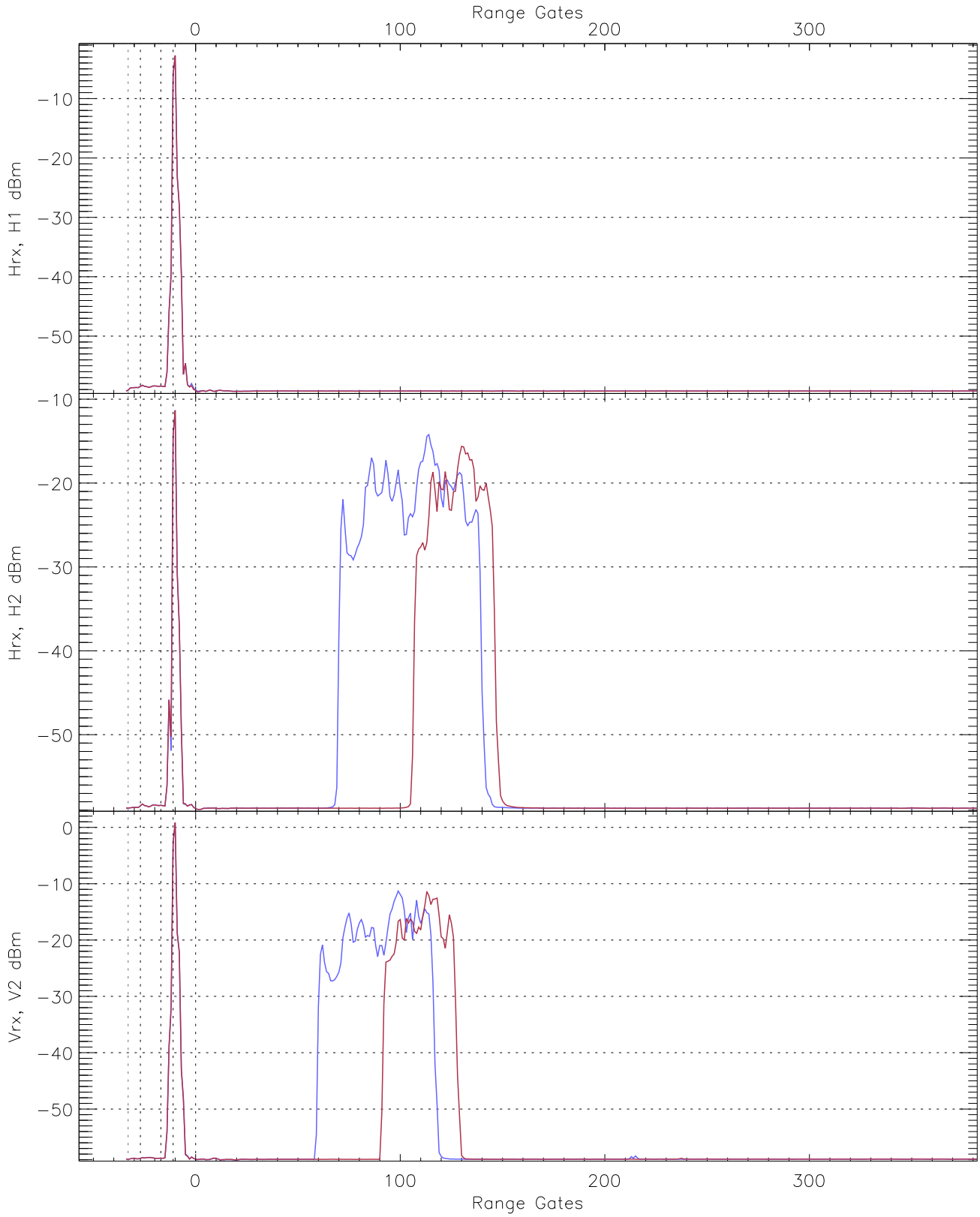
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-59.94	-58.33	-59.09	-59.10	-71.84
Hrx, H2(RM [dBm])	-59.67	-57.89	-58.75	-58.75	-71.47
Vrx, V2(RM [dBm])	-59.84	-58.15	-58.96	-58.96	-71.68

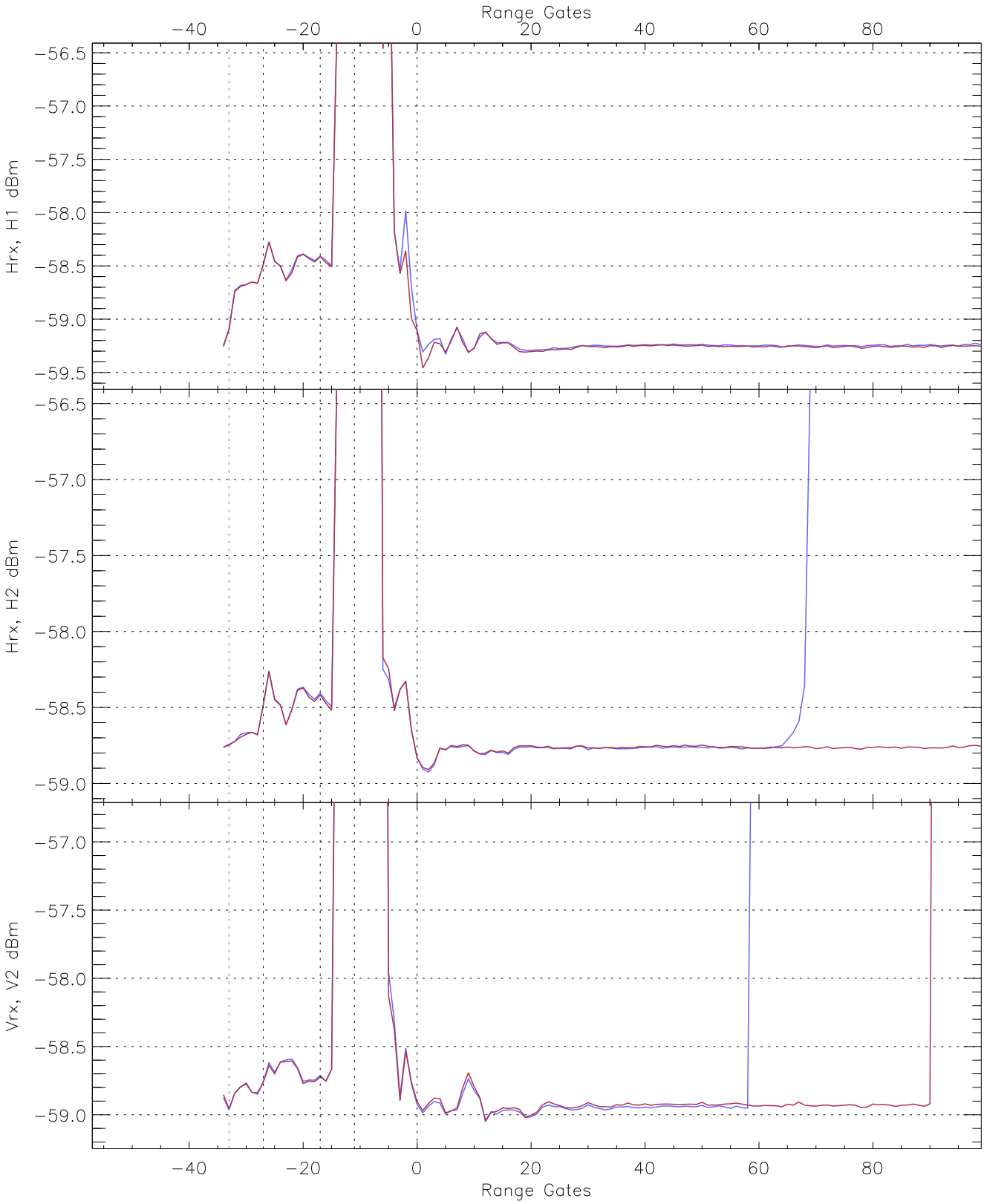


WCR2 CPP "Best" estimate Receivers Noise Power

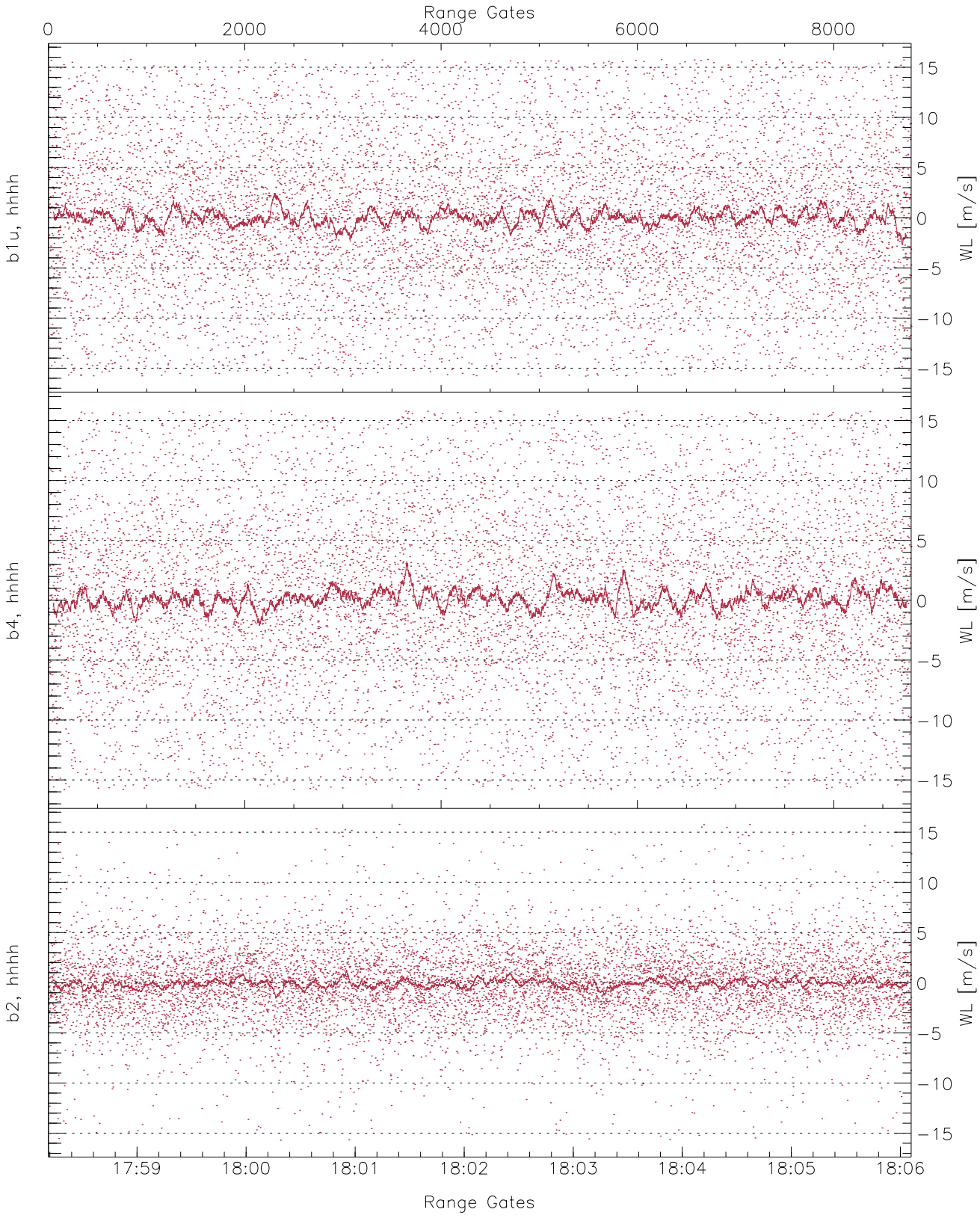
	Min	Max	Mean	Median	StDev
H1RG19_0 [dBm]	-60.18	-58.55	-59.30	-59.31	-72.07
H2RG16_0 [dBm]	-59.90	-58.06	-58.80	-58.81	-71.51
V2RG19_0 [dBm]	-59.89	-58.25	-59.02	-59.02	-71.79



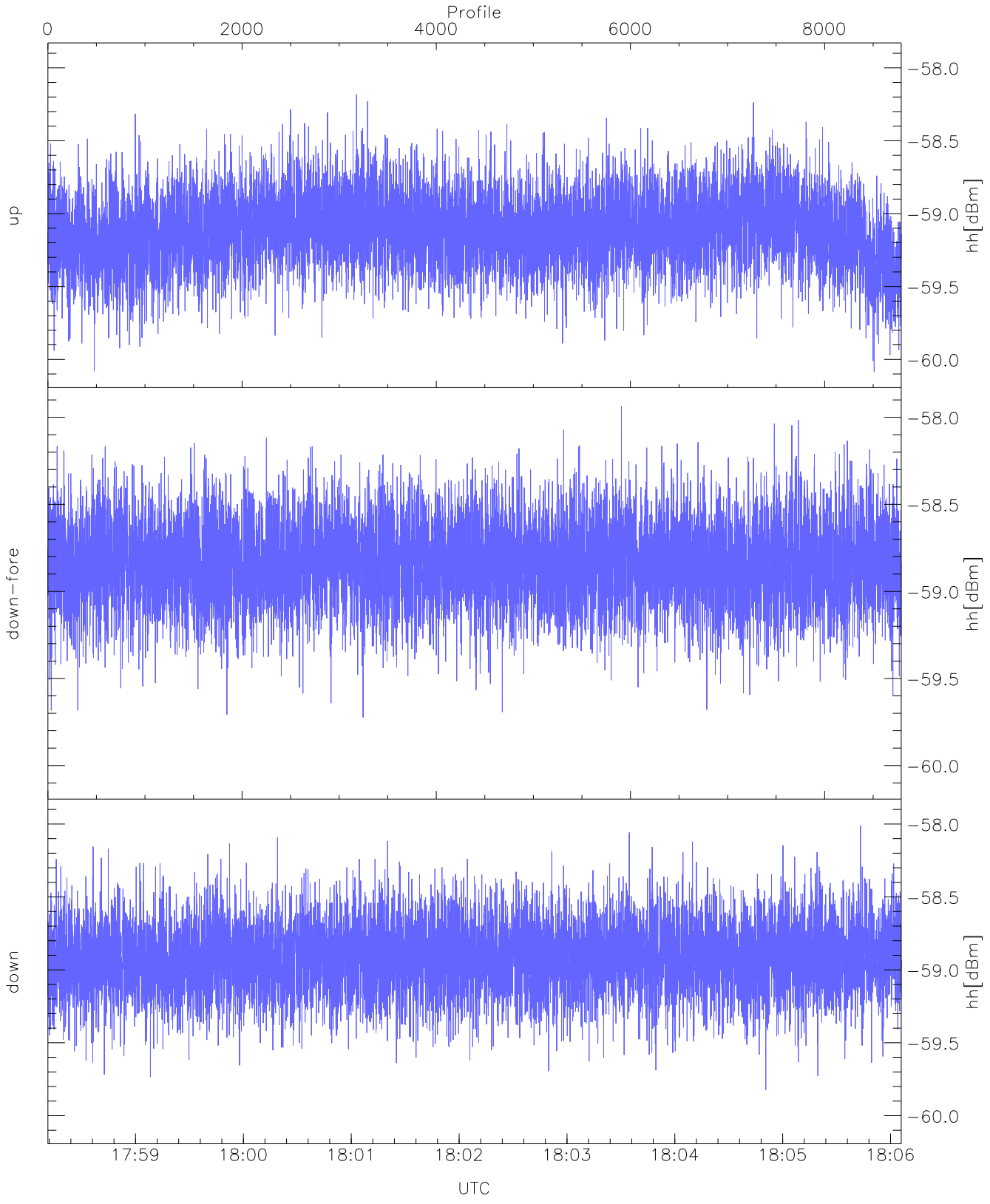
WCR2 CPP Averaged Received power for all recorded gates
blue: 175811-180209, 4396 profiles averaged
red: 180209-180606, 4395 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 175811-180209, 4396 profiles averaged
red: 180209-180606, 4395 profiles averaged

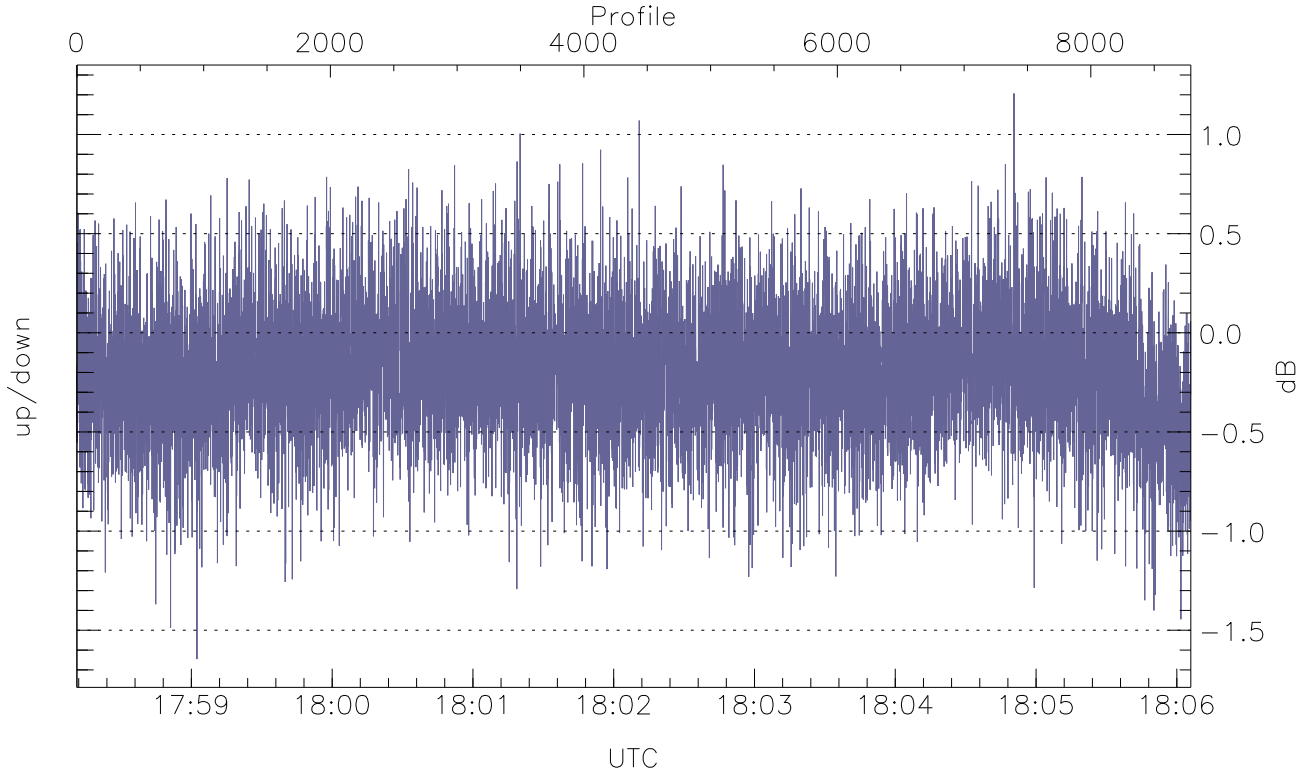


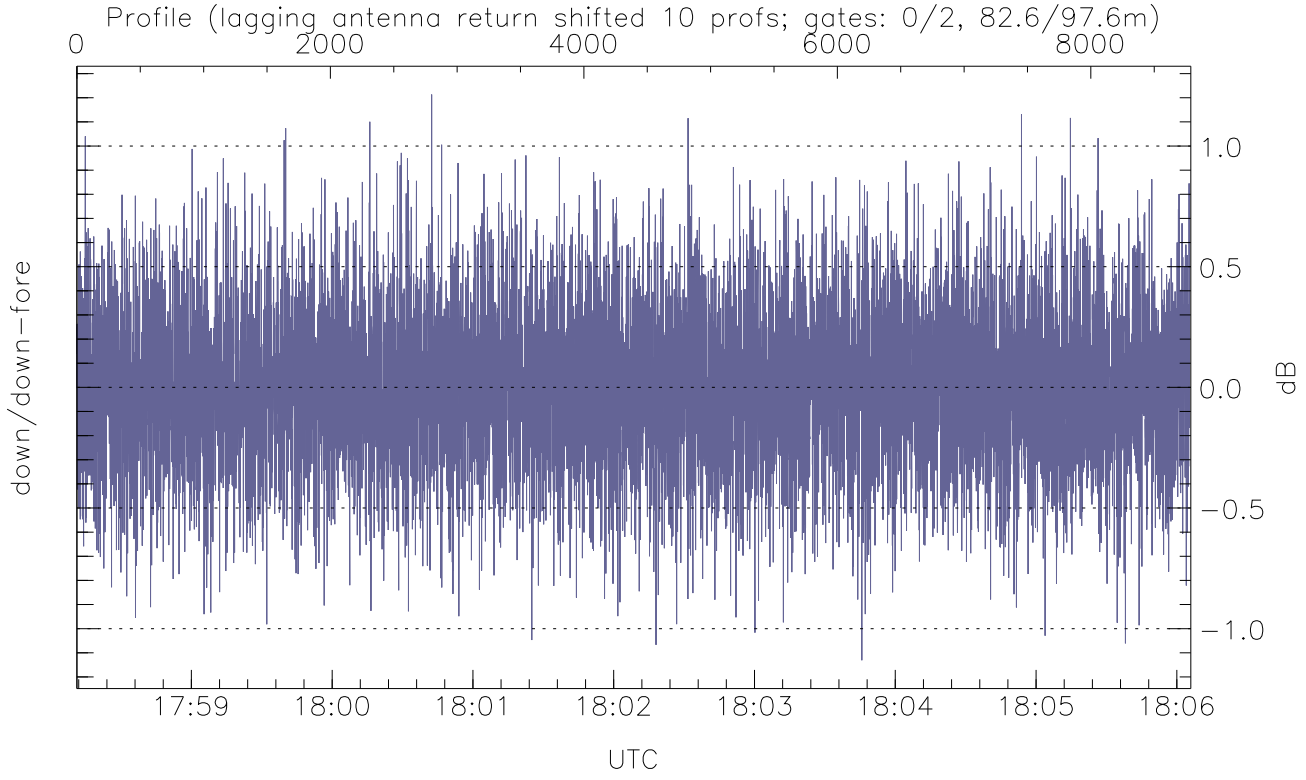
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR2 CPP Received Power Products for Range gate 0 (82.6 m)

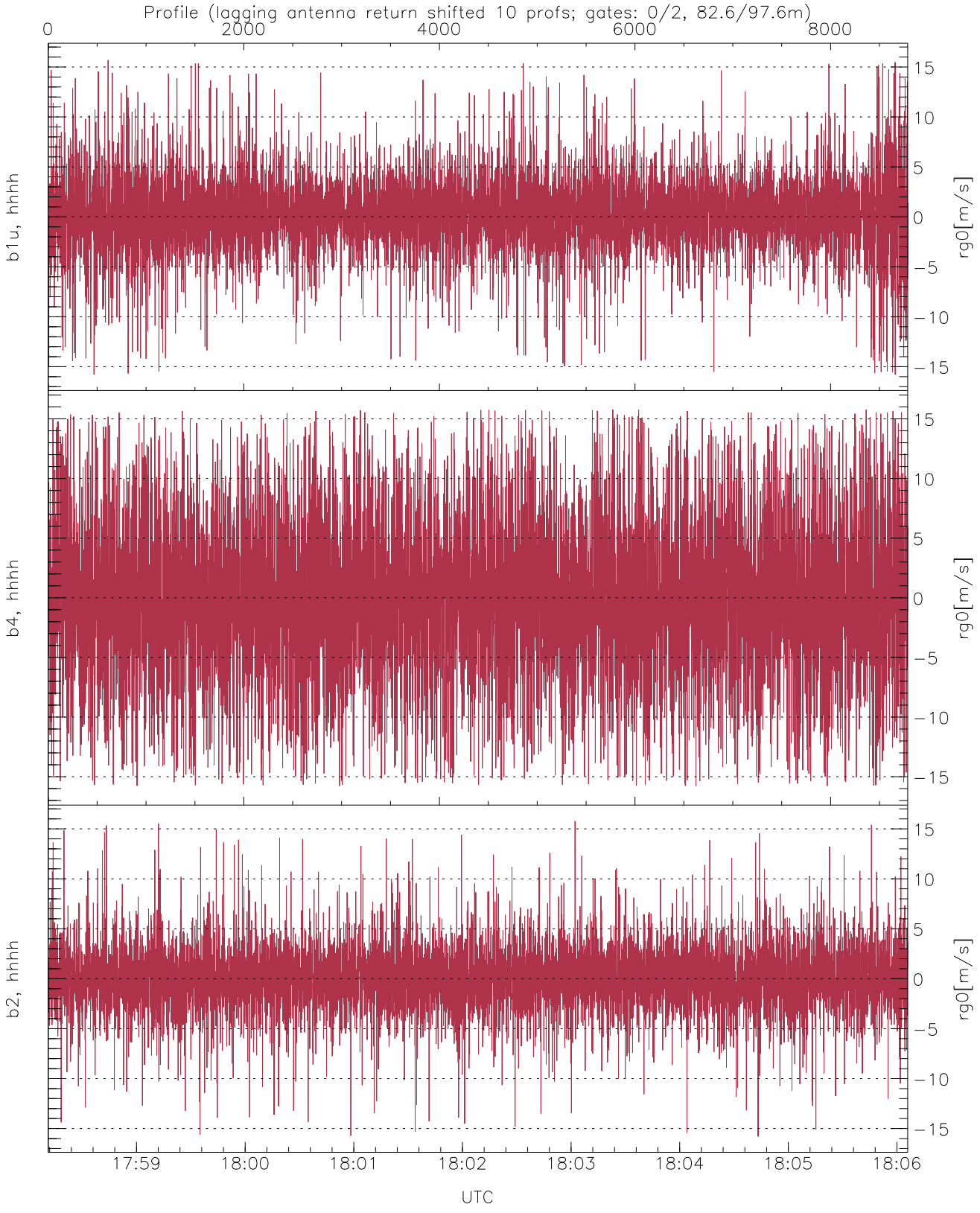
	Min	Max	Mean
up(hh[dBm])	-60.09	-58.18	-59.11
down-fore(hh[dBm])	-59.72	-57.94	-58.83
down(hh[dBm])	-59.82	-58.01	-58.91





WCR2 Beam pairs Received Power Ratio(s); RangeGate: 0 (82 m)

	Min	Max	Mean
up/down(dB)	-1.65	1.21	-0.19
down/down-fore(dB)	-1.13	1.21	0.00



WCR2 CPP Doppler Velocity Products at 82.6 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.79	15.69	0.28	3.63
b4, hhhh(rg0[m/s])	-15.79	15.78	0.04	6.06
b2, hhhh(rg0[m/s])	-15.80	15.78	0.04	3.16