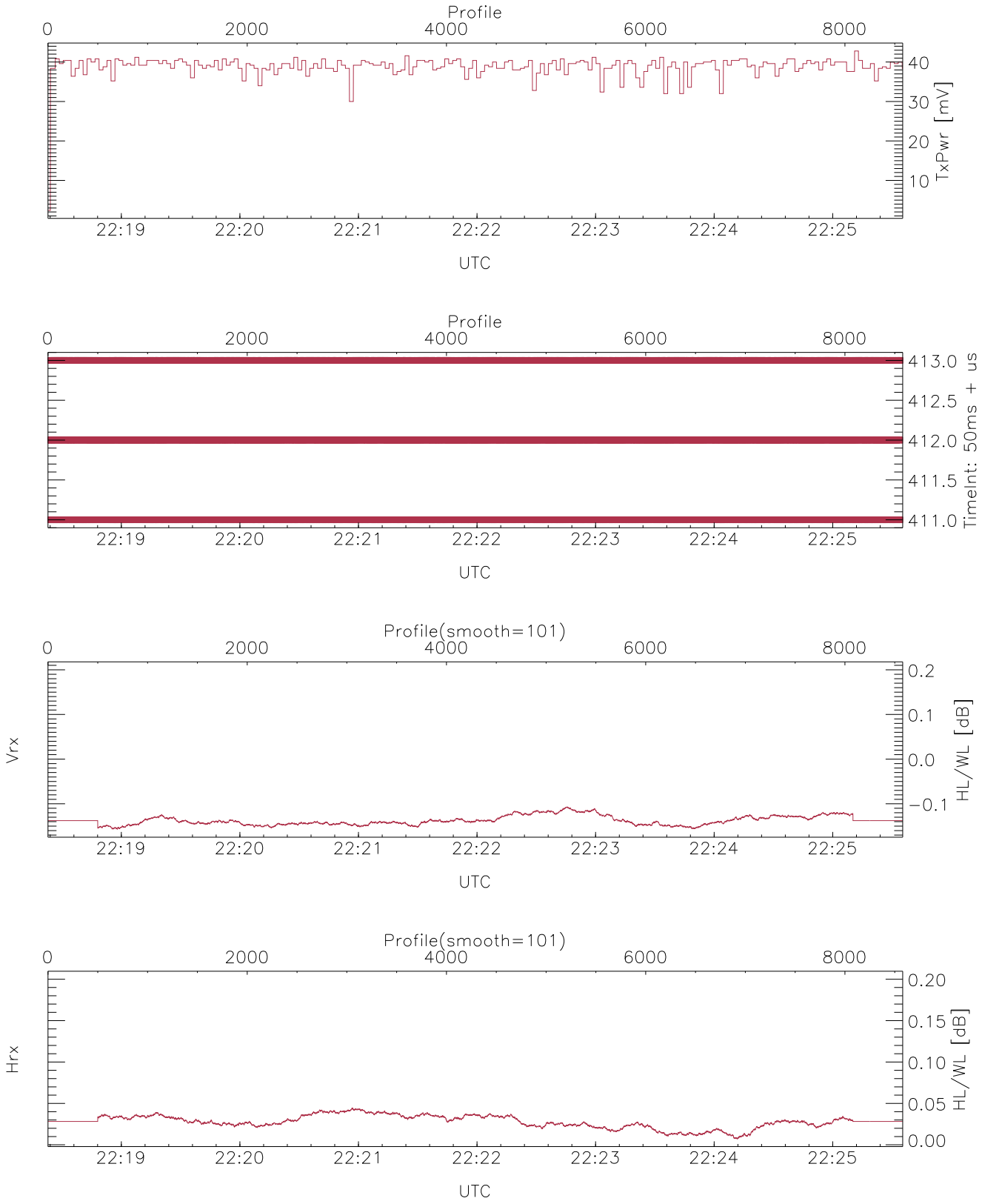
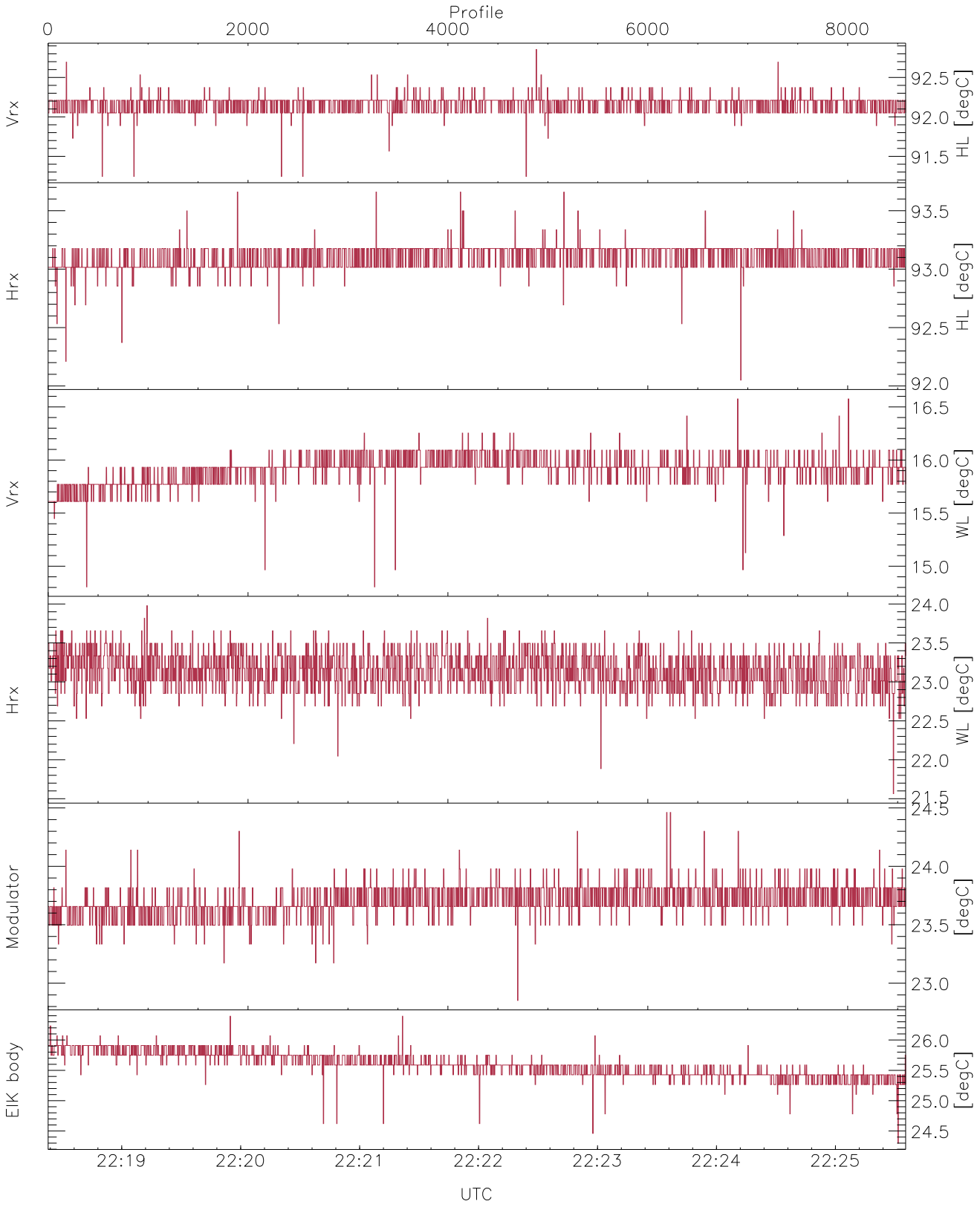


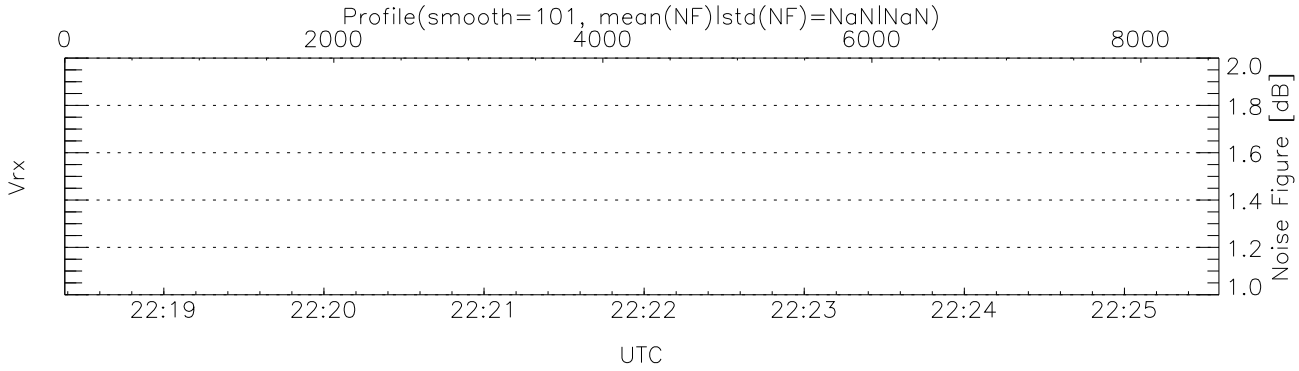
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

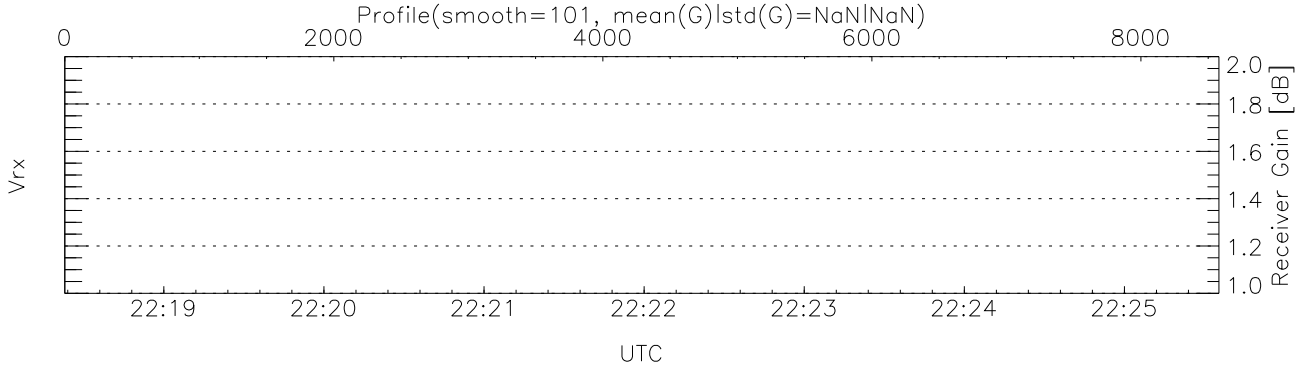
UTC: 22:18:23-22:25:35, Dur: 432.54s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 8581/8581, 0-8580/22:18:23-22:25:35
AcqTime: 50.4ms, Rate: 279KB/s, Averages: 168
Pulse: 100ns, IFF: 10.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 82,2650,7.5 m, Gates: 343, Aspect: 1.7
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1

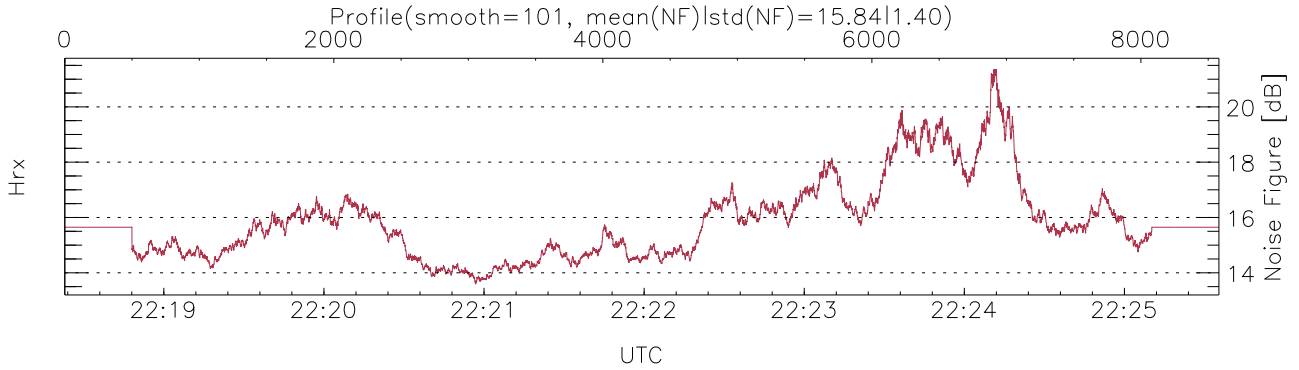


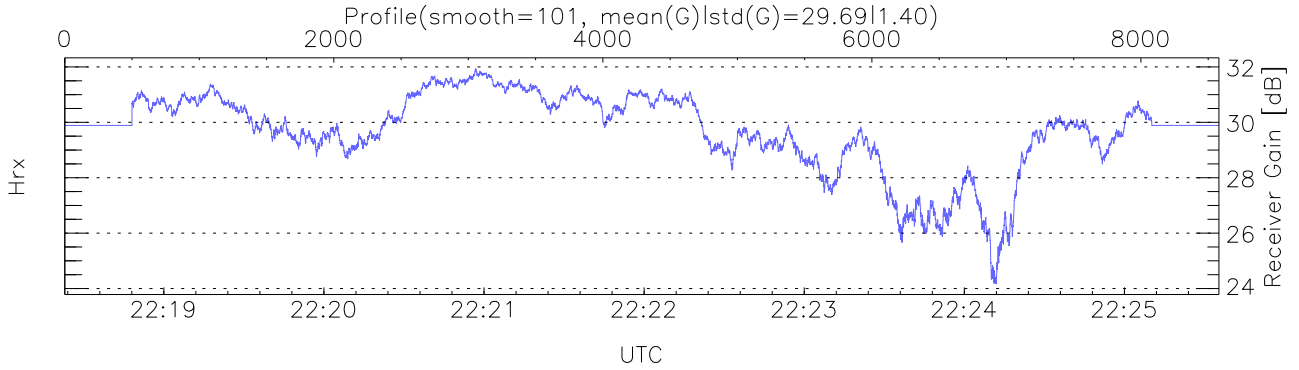
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,14,21,22,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,23,24,26
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty (10,10,10,10,10)
WARNING: <VrxHLn>-<VrxWLn> < 0.05dB for 1 pwr prods.
WARNING: <HrxHLn>-<HrxWLn> < 0.05dB for 2 pwr prods.



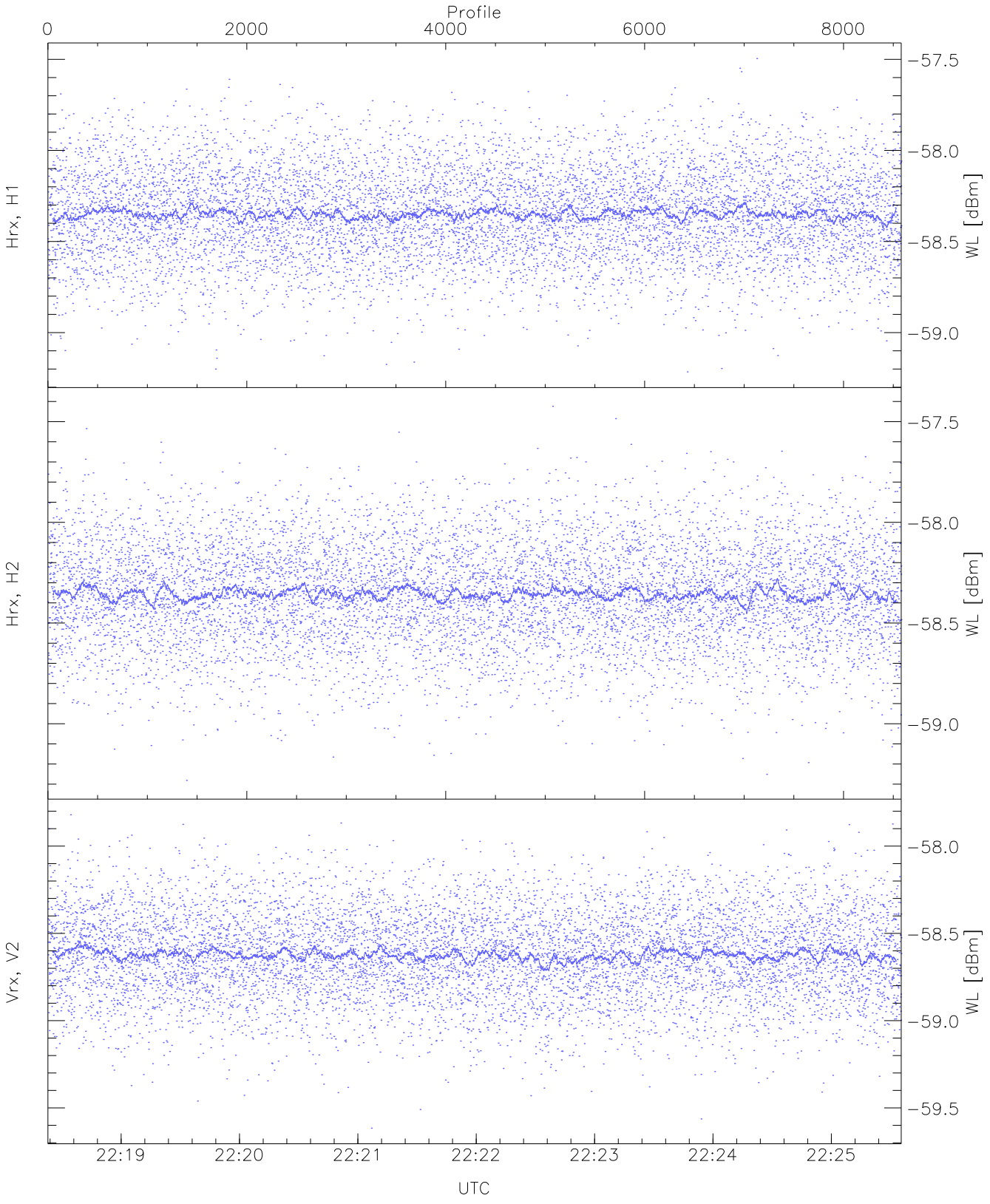






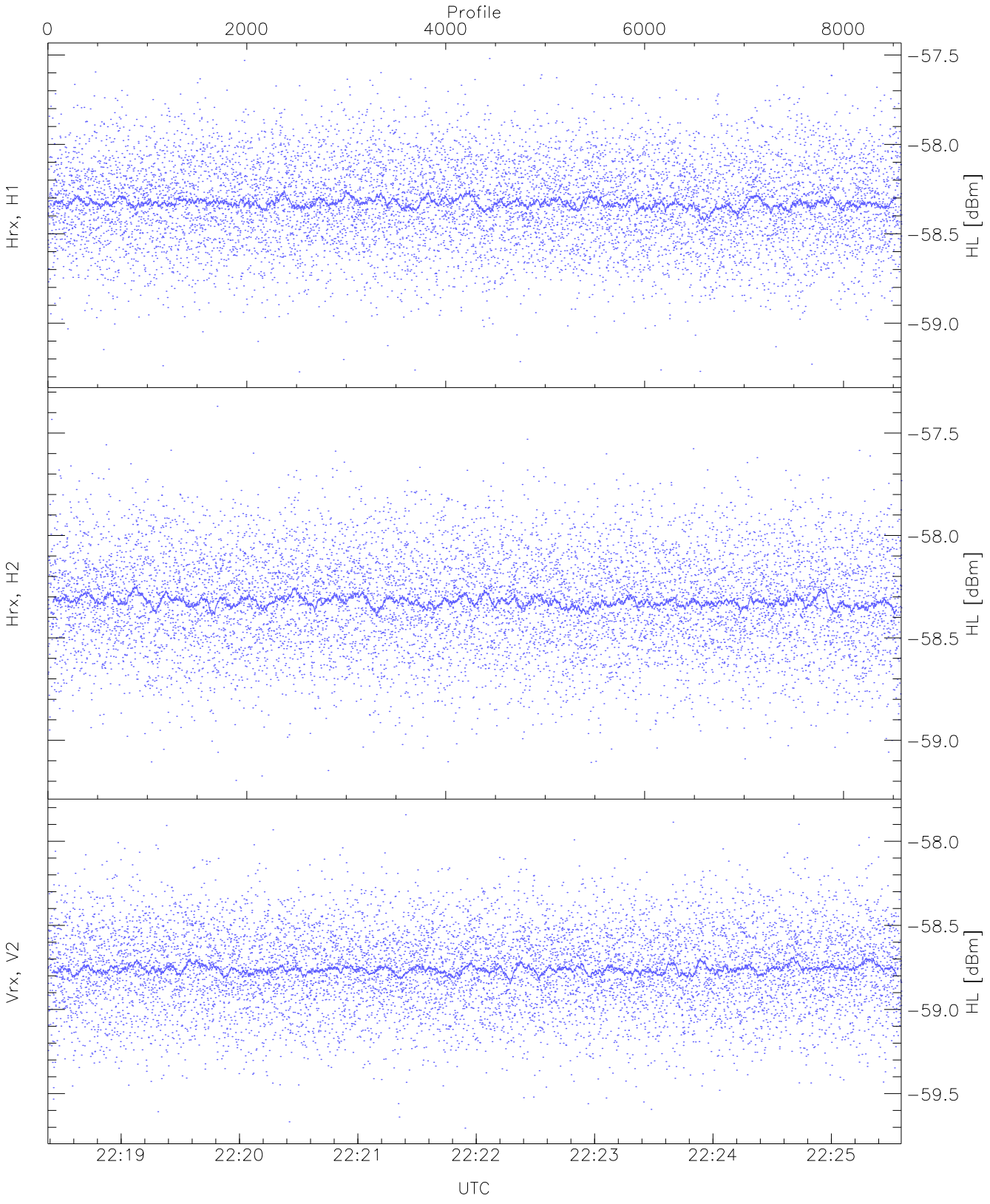
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prods



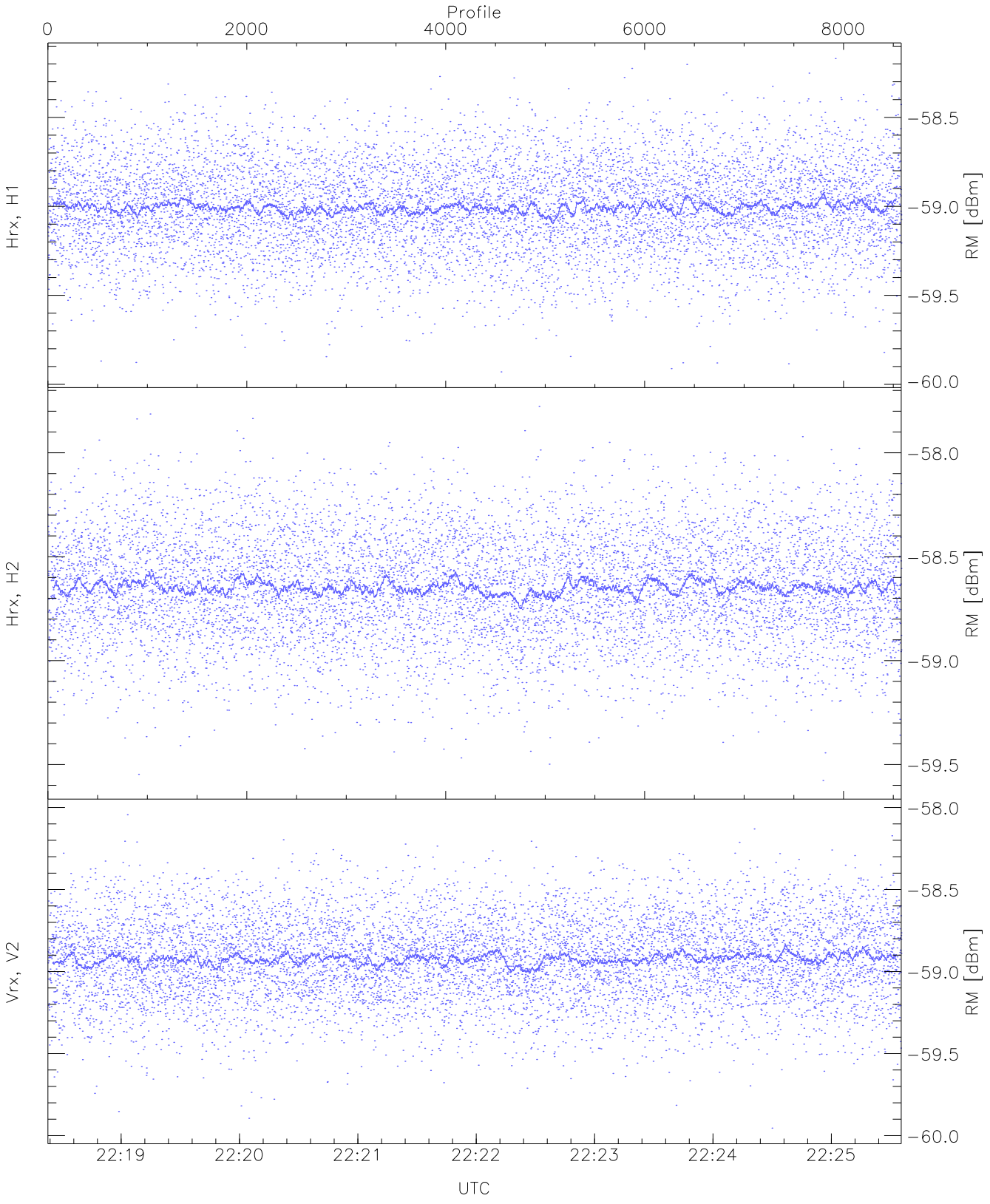
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-59.22	-57.50	-58.35	-58.35	-70.99
Hrx, H2(WL [dBm])	-59.28	-57.42	-58.35	-58.36	-70.95
Vrx, V2(WL [dBm])	-59.62	-57.82	-58.62	-58.62	-71.23



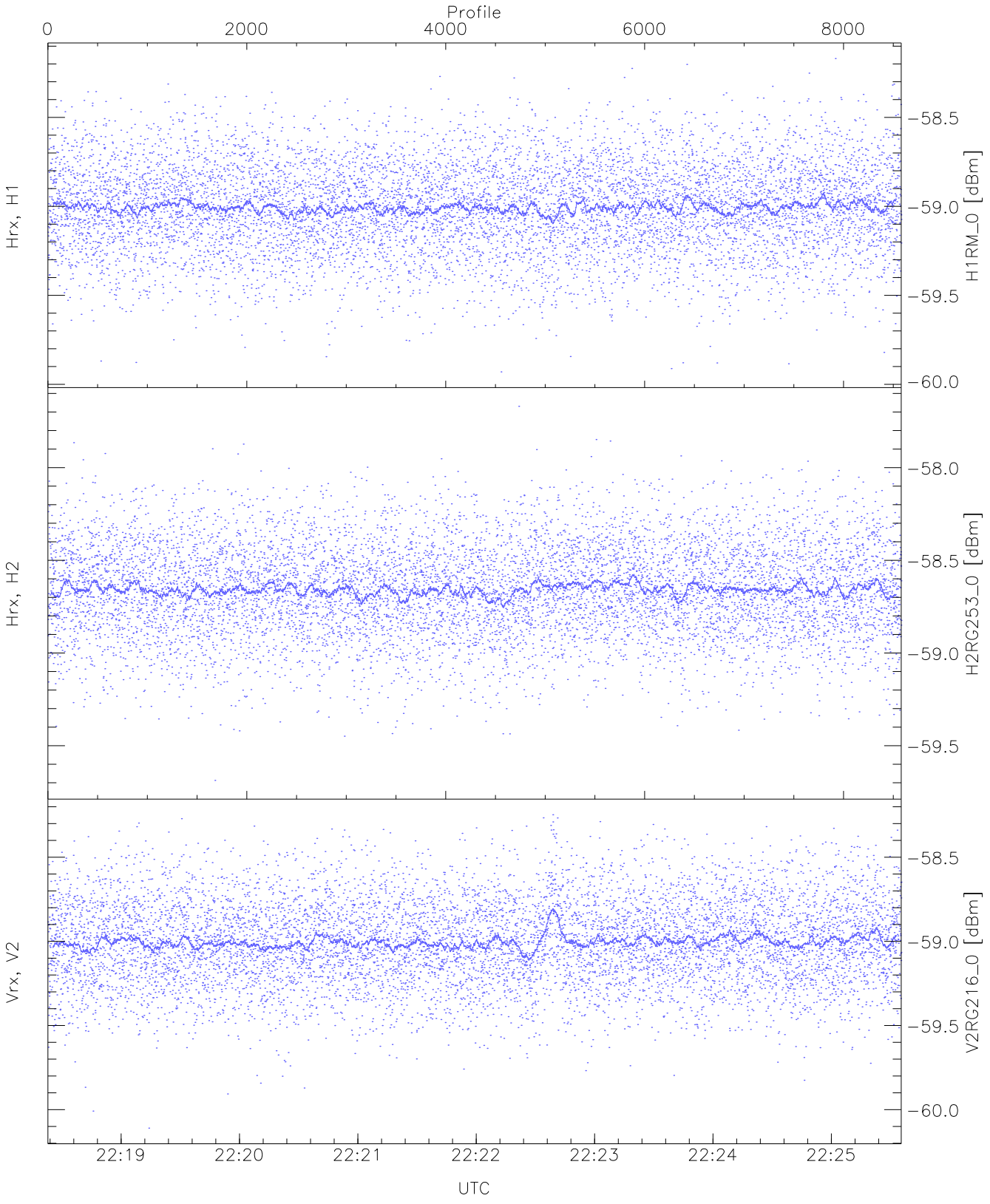
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-59.27	-57.52	-58.32	-58.33	-70.91
Hrx, H2(HL [dBm])	-59.20	-57.37	-58.32	-58.32	-70.93
Vrx, V2(HL [dBm])	-59.71	-57.84	-58.76	-58.76	-71.32



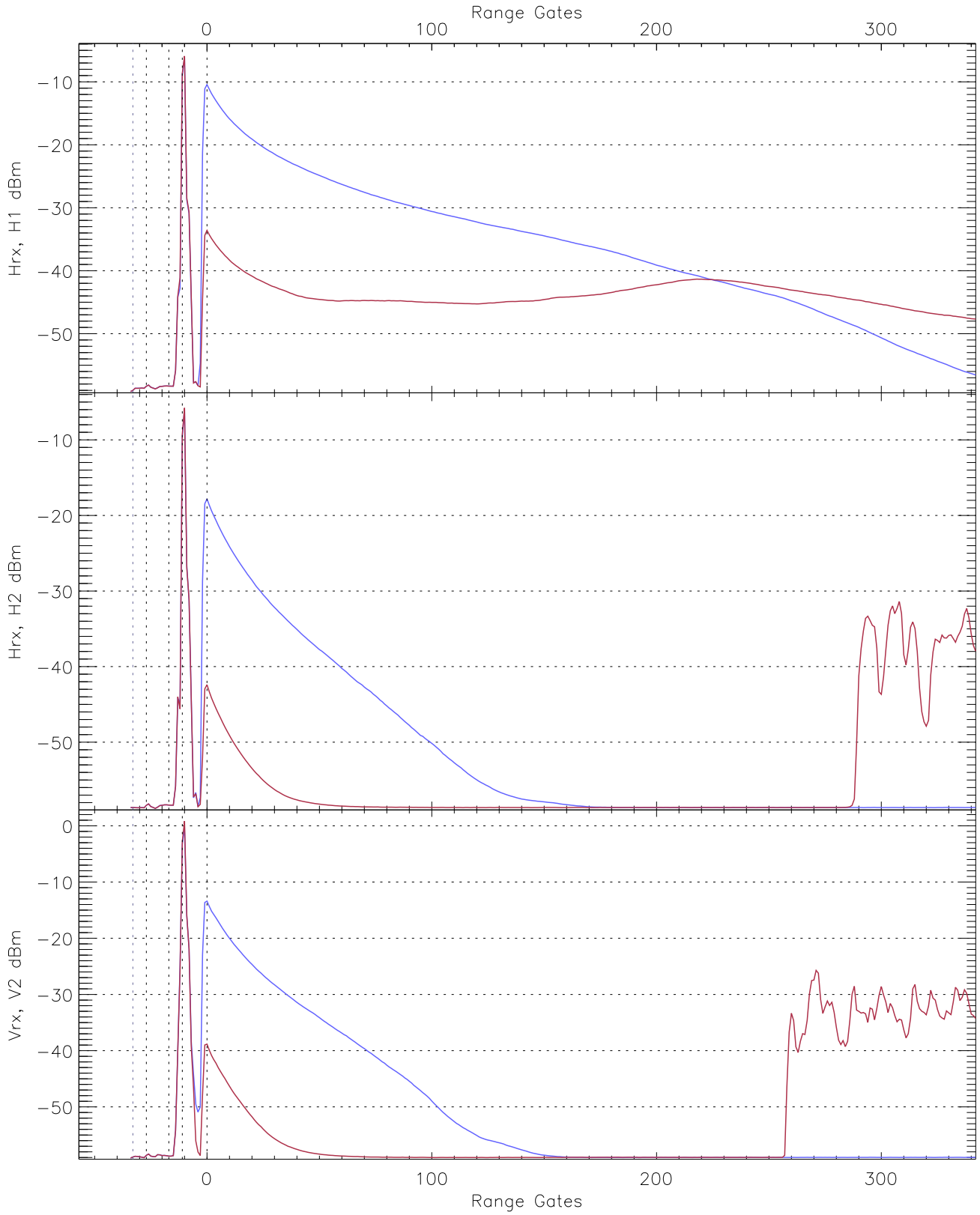
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-59.93	-58.17	-59.00	-59.01	-71.58
Hrx, H2(RM [dBm])	-59.58	-57.78	-58.64	-58.65	-71.20
Vrx, V2(RM [dBm])	-59.95	-58.04	-58.92	-58.92	-71.51

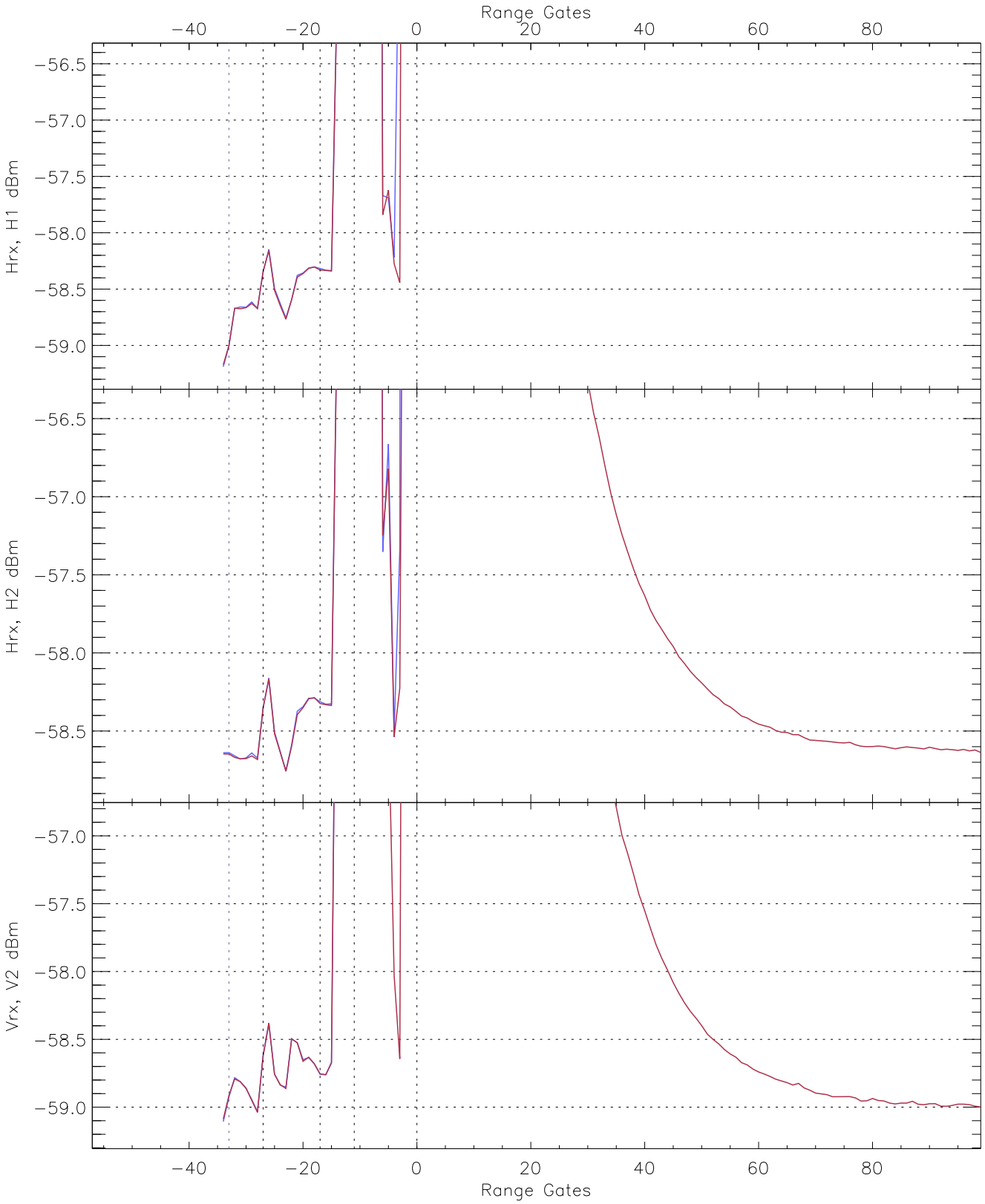


WCR2 CPP "Best" estimate Receivers Noise Power

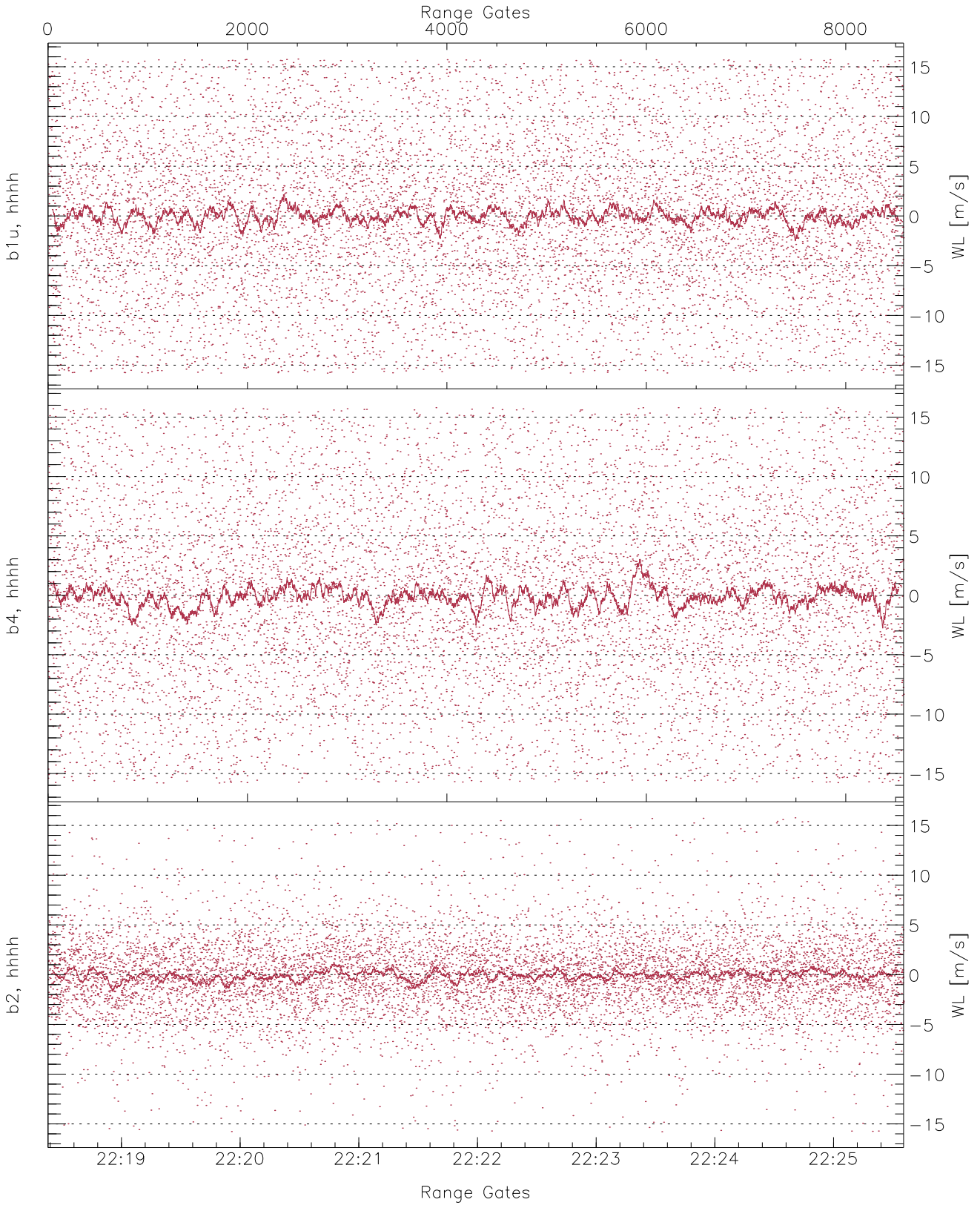
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-59.93	-58.17	-59.00	-59.01	-71.58
H2RG253_0 [dBm]	-59.69	-57.67	-58.65	-58.66	-71.26
V2RG216_0 [dBm]	-60.11	-58.25	-59.00	-59.01	-71.54



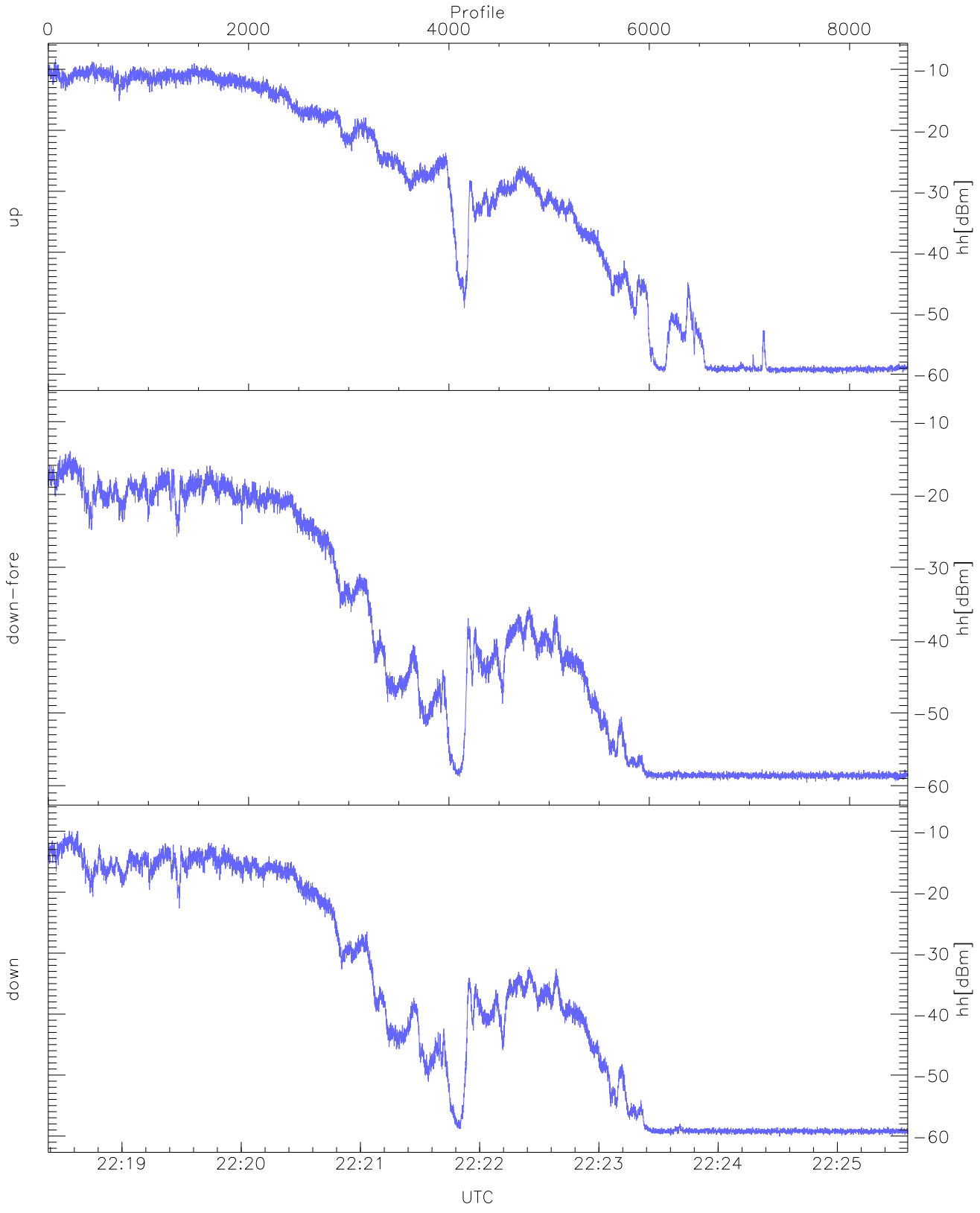
WCR2 CPP Averaged Received power for all recorded gates
blue: 221823-222159, 4291 profiles averaged
red: 222159-222535, 4291 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 221823-222159, 4291 profiles averaged
red: 222159-222535, 4291 profiles averaged

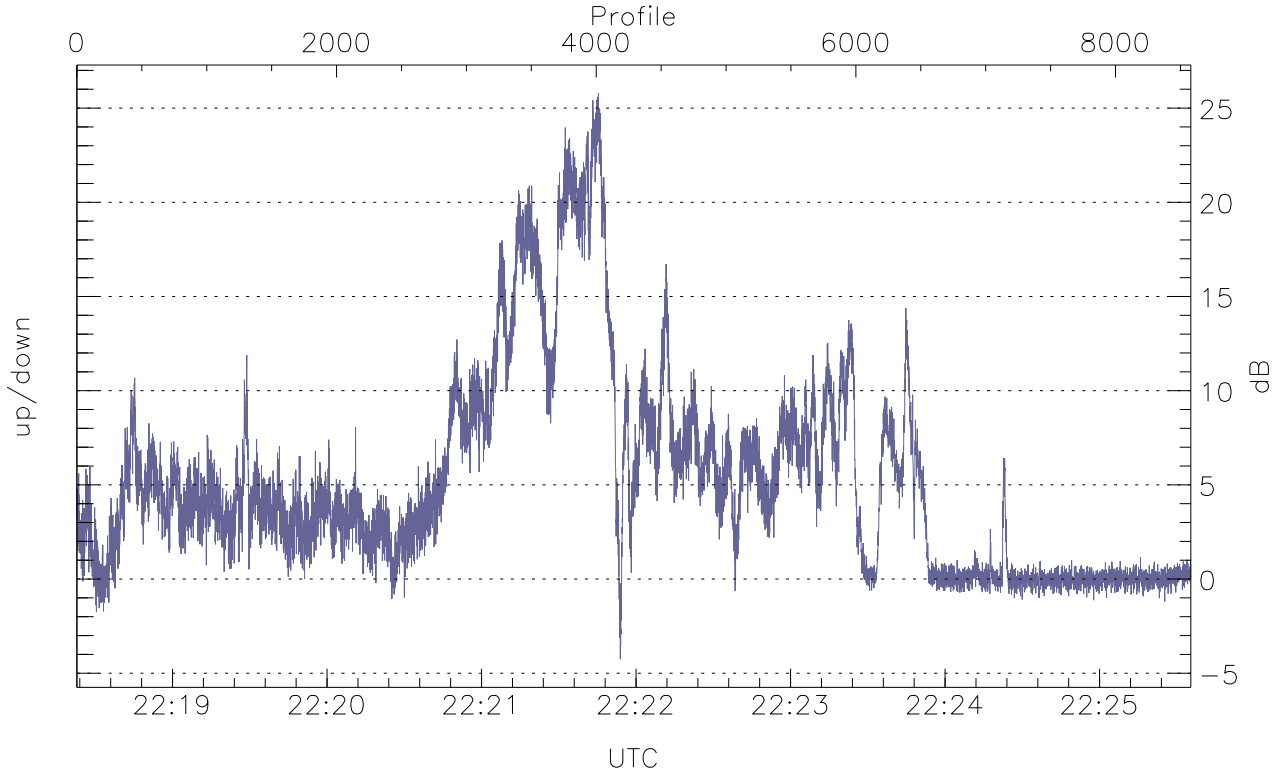


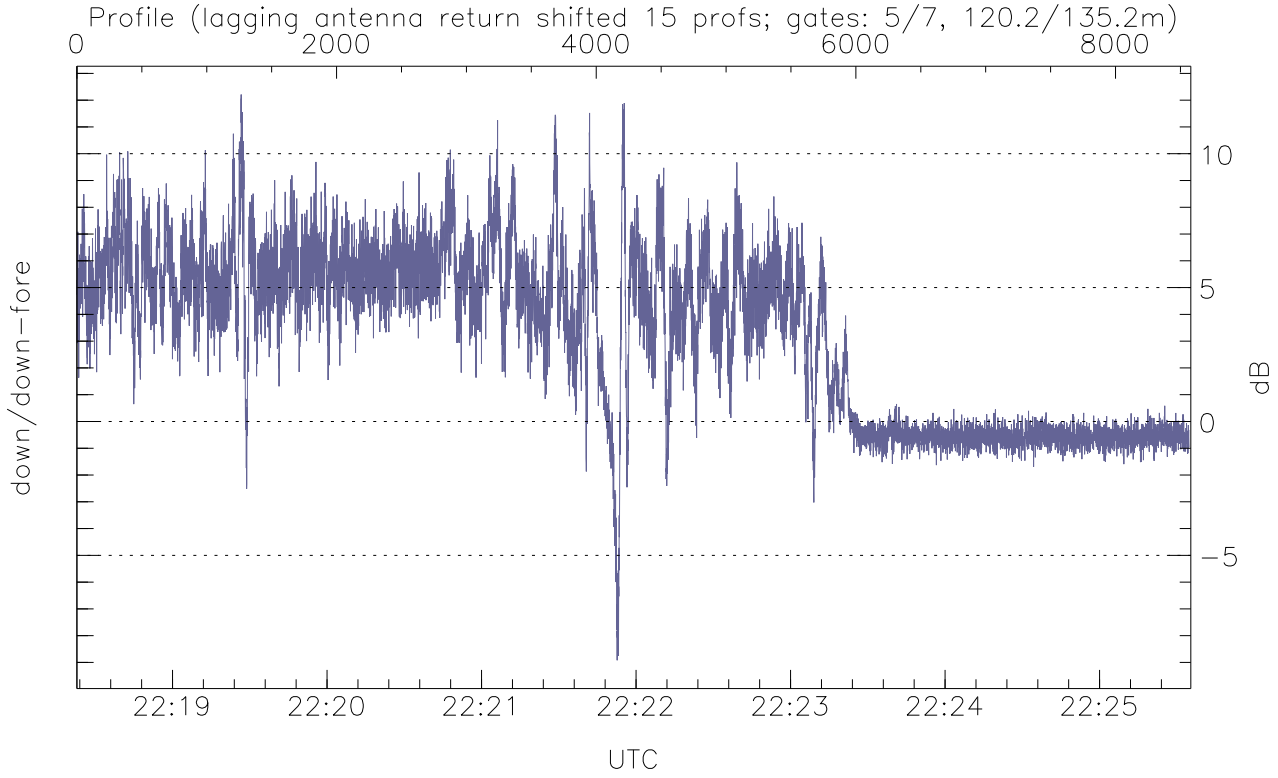
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR2 CPP Received Power Products for Range gate 5 (120.2 m)

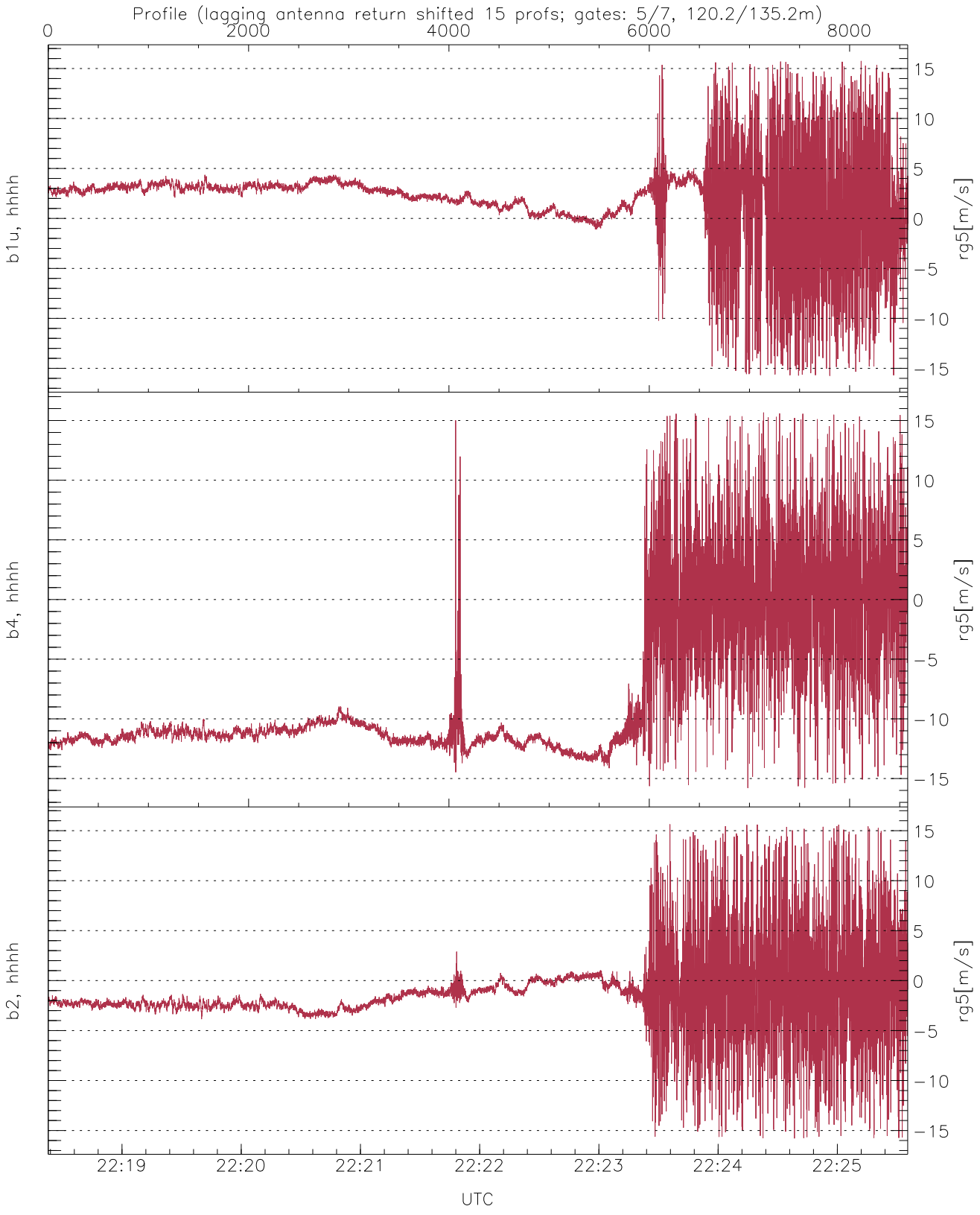
	Min	Max	Mean
up(hh[dBm])	-59.96	-8.31	-16.54
down-fore(hh[dBm])	-59.55	-14.04	-24.32
down(hh[dBm])	-60.08	-9.94	-20.02





WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (120 m)

	Min	Max	Mean
up/down(dB)	-4.25	25.78	5.28
down/down-fore(dB)	-8.92	12.21	3.26



WCR2 CPP Doppler Velocity Products at 120.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.75	15.76	1.96	3.65
b4, hhhh(rg5[m/s])	-15.80	15.67	-7.84	6.28
b2, hhhh(rg5[m/s])	-15.79	15.64	-1.33	3.57