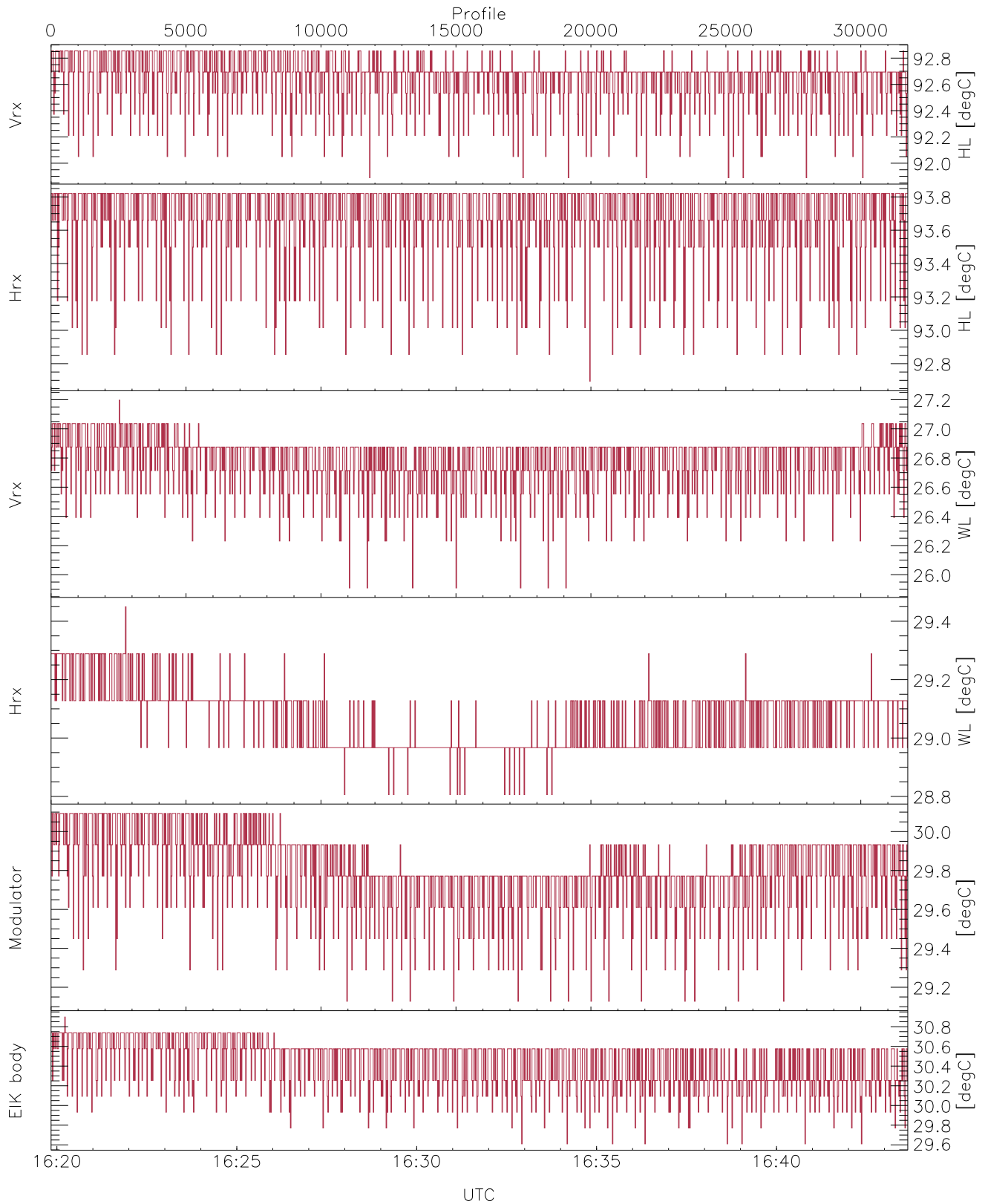


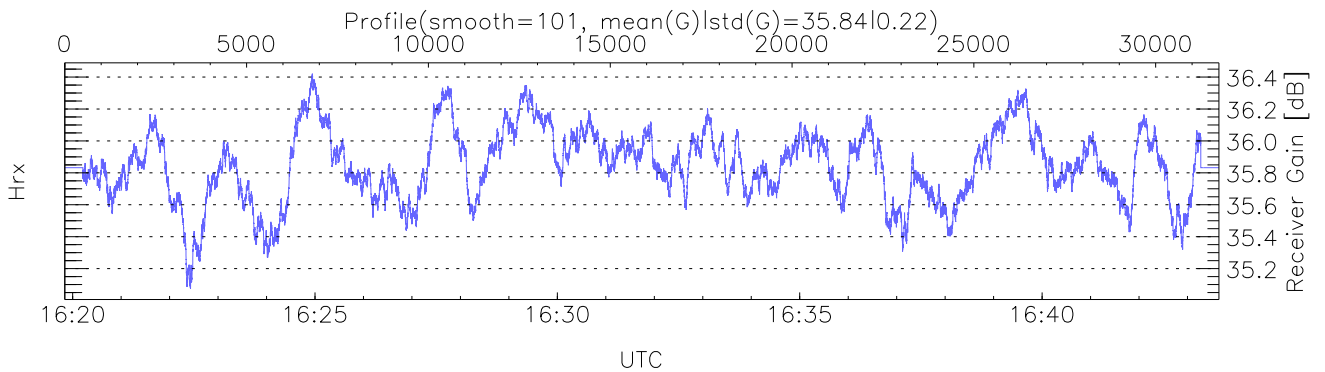
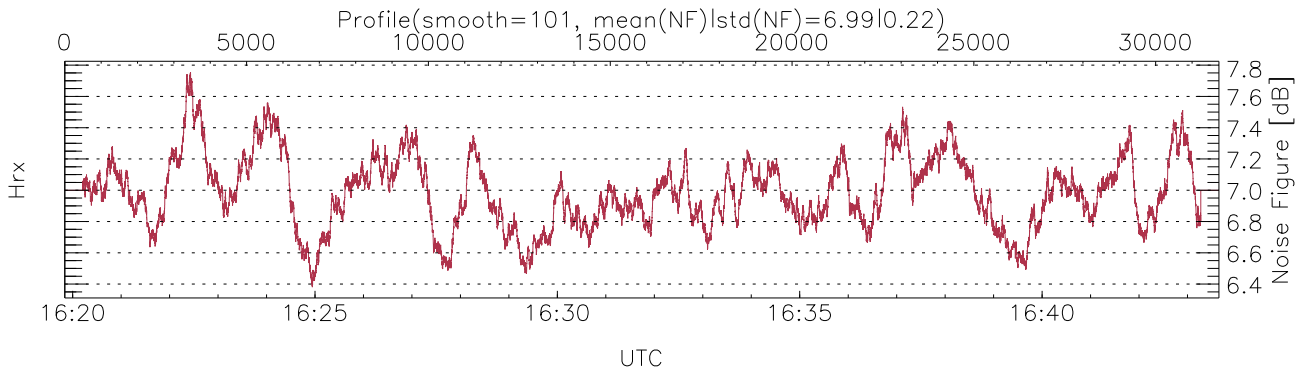
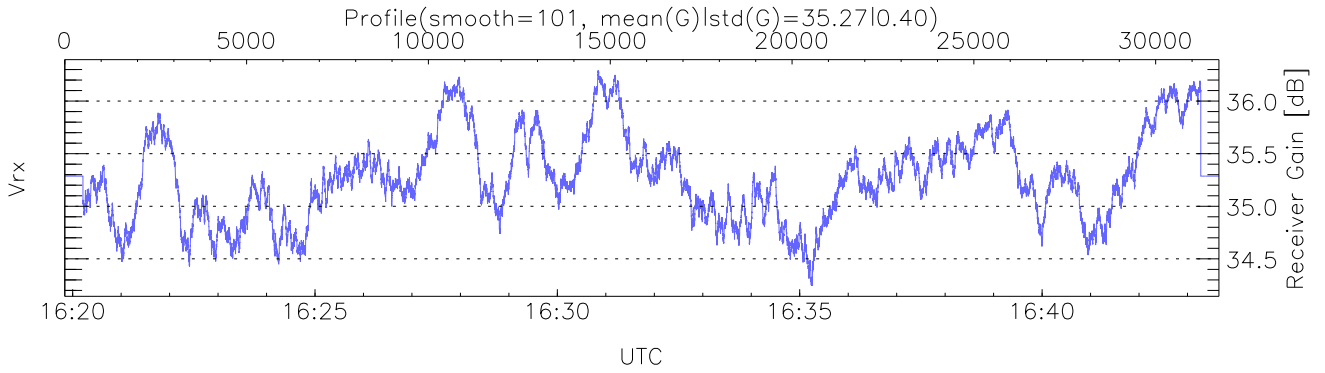
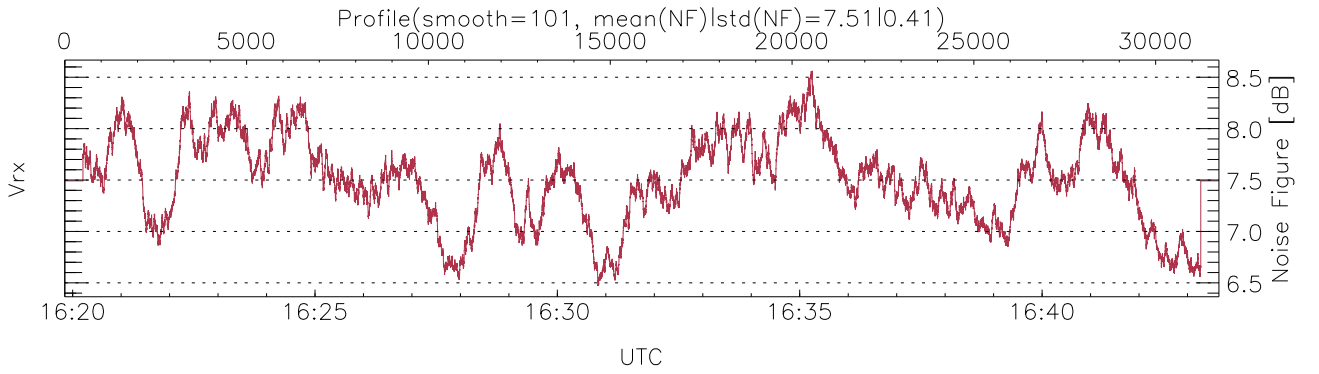
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:19:50-16:43:39, TimeCor: 0.00s, Dur: 1428.66s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 31741/31741, 0-31740/16:19:50-16:43:39
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2
 PRF: 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



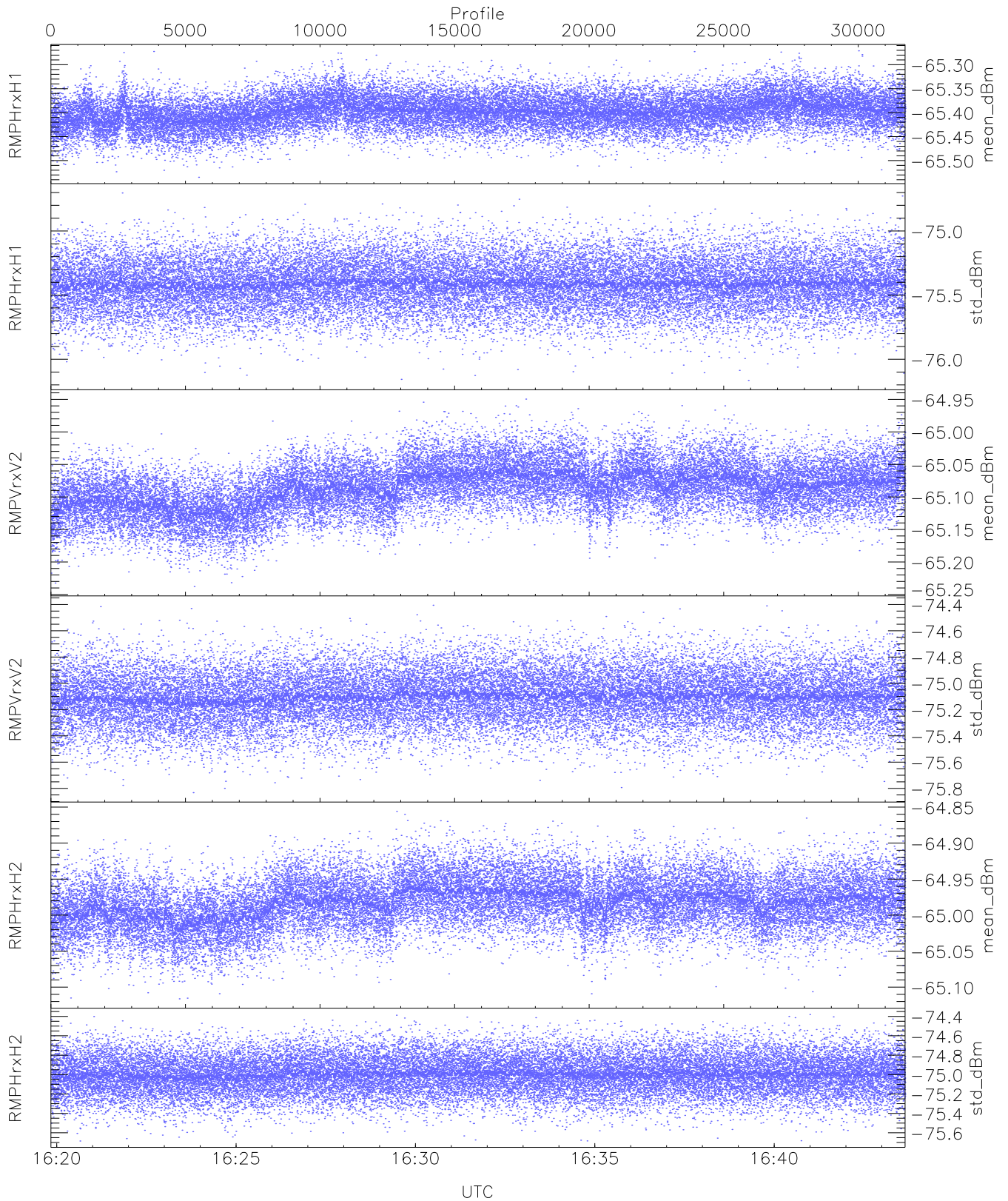
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,28,29,29`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,30,30`
`LOalarm(20,240,2817,14861 MHz): 0,0,44,0`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,46,46,24,24)`



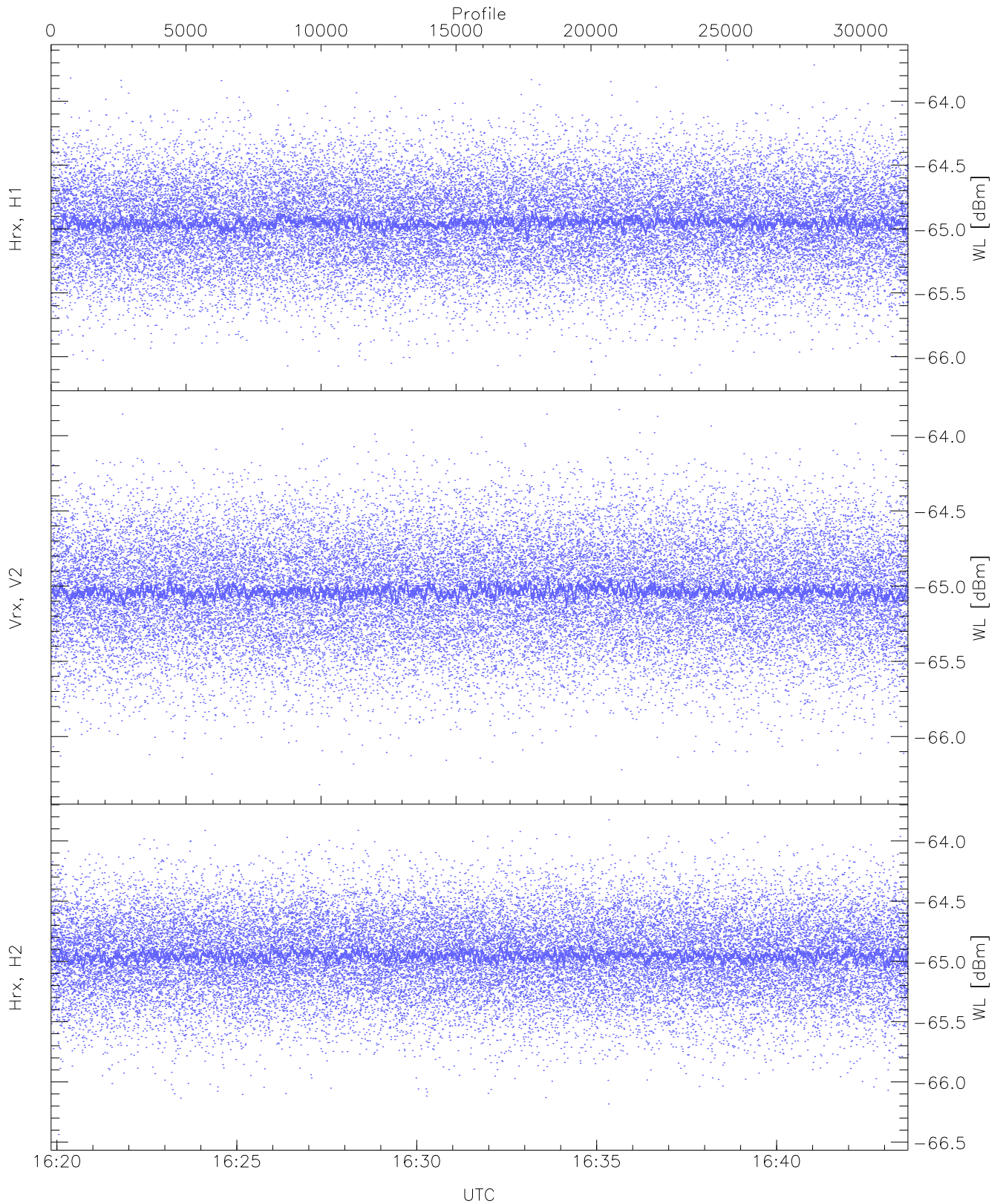
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



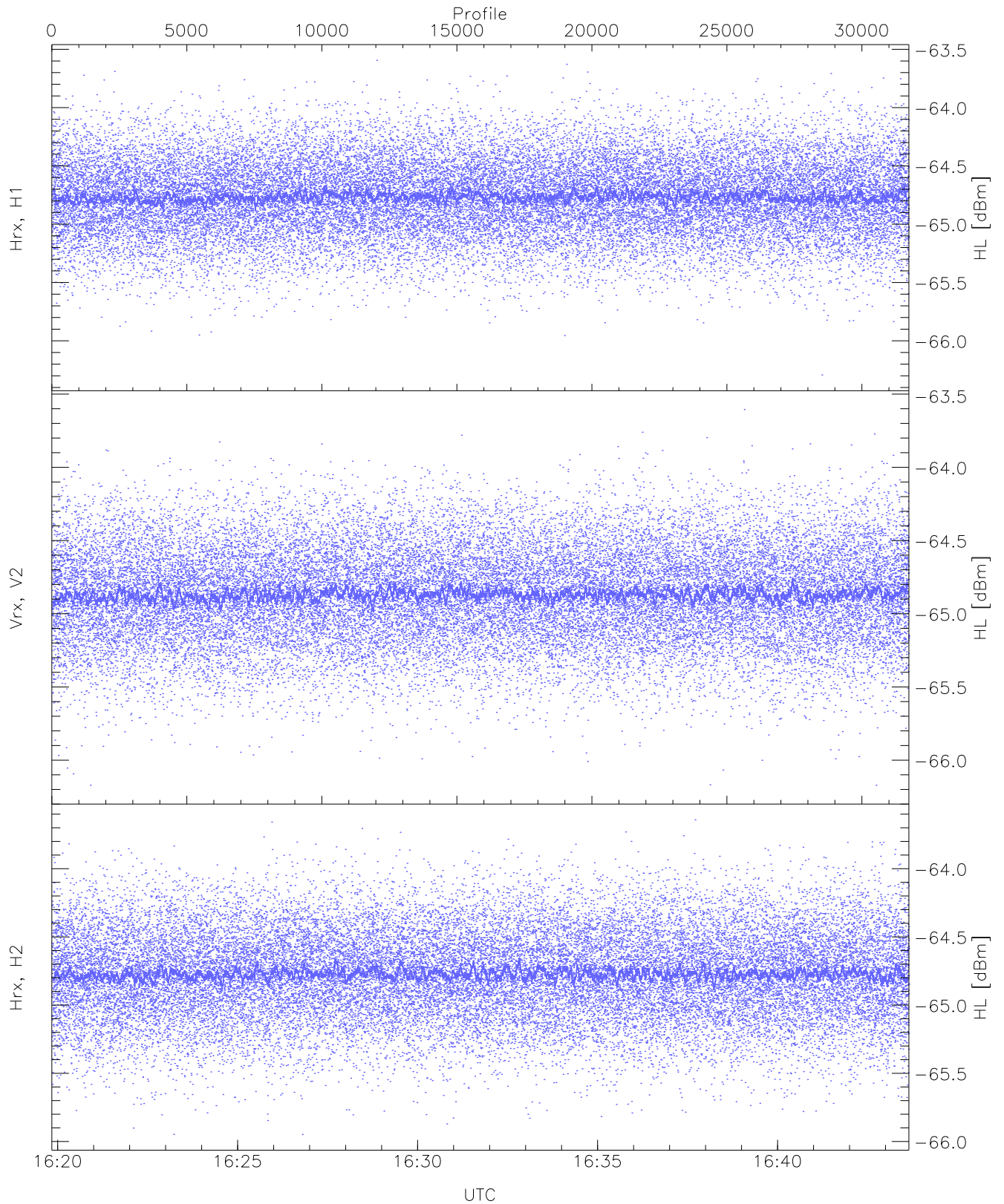
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.53	-65.27	-65.40	-65.40	-86.69
RMPHrxH1 (std_dBm)	-76.16	-74.70	-75.41	-75.41	-89.20
RMPVrxV2 (mean_dBm)	-65.24	-64.95	-65.09	-65.09	-85.82
RMPVrxV2 (std_dBm)	-75.83	-74.41	-75.10	-75.11	-88.87
RMPHrxH2 (mean_dBm)	-65.12	-64.86	-64.98	-64.98	-86.11
RMPHrxH2 (std_dBm)	-75.68	-74.38	-75.00	-75.00	-88.79



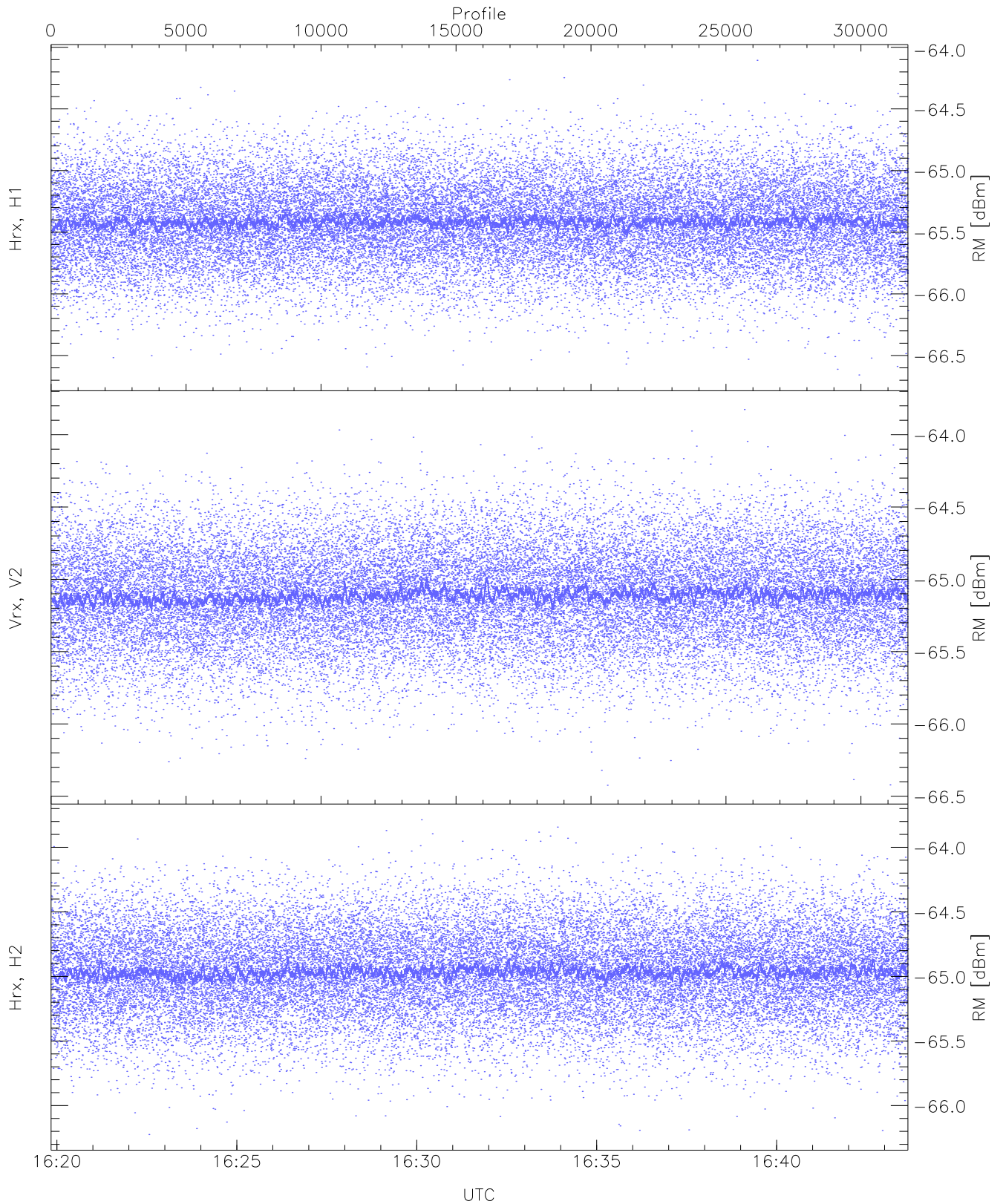
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.14	-63.68	-64.95	-64.95	-76.47
Vrx, V2 (WL [dBm])	-66.32	-63.83	-65.03	-65.04	-76.51
Hrx, H2 (WL [dBm])	-66.44	-63.82	-64.95	-64.95	-76.44



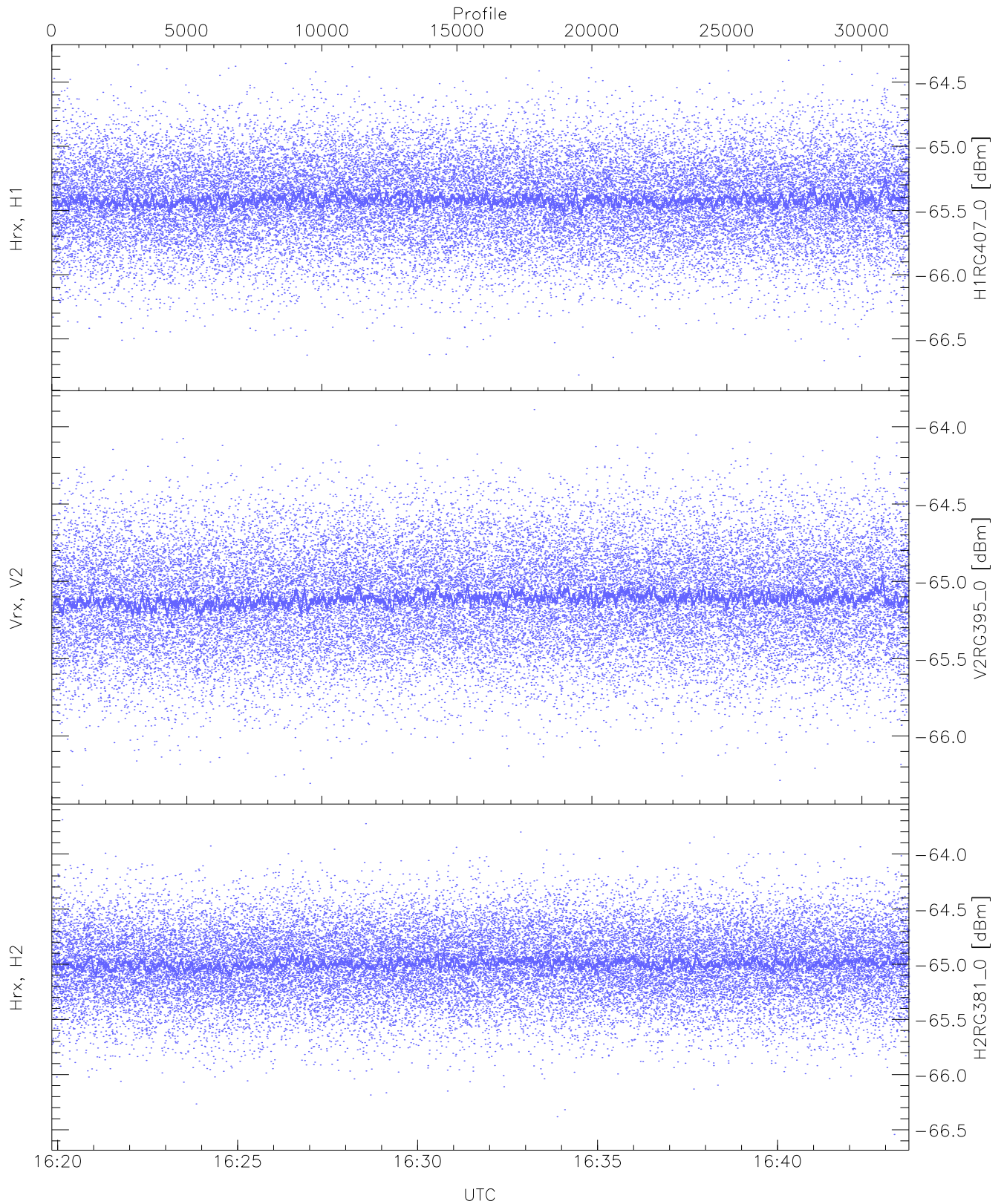
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.29	-63.59	-64.76	-64.77	-76.25
Vrx, V2 (HL [dBm])	-66.17	-63.61	-64.86	-64.87	-76.38
Hrx, H2 (HL [dBm])	-65.95	-63.64	-64.77	-64.77	-76.30



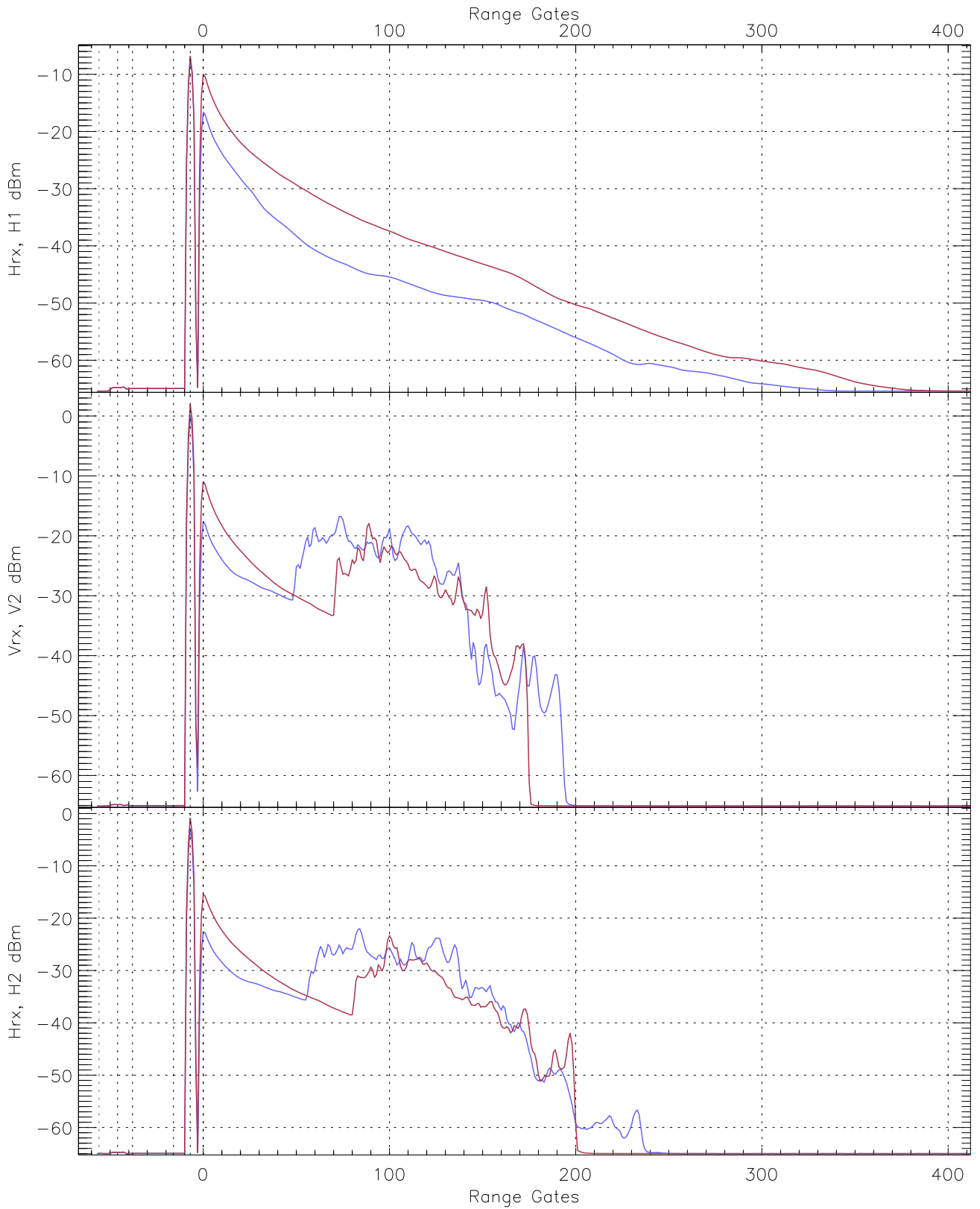
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.66	-64.11	-65.41	-65.42	-76.92
Vrx, V2 (RM [dBm])	-66.42	-63.83	-65.11	-65.11	-76.60
Hrx, H2 (RM [dBm])	-66.22	-63.79	-64.96	-64.97	-76.47

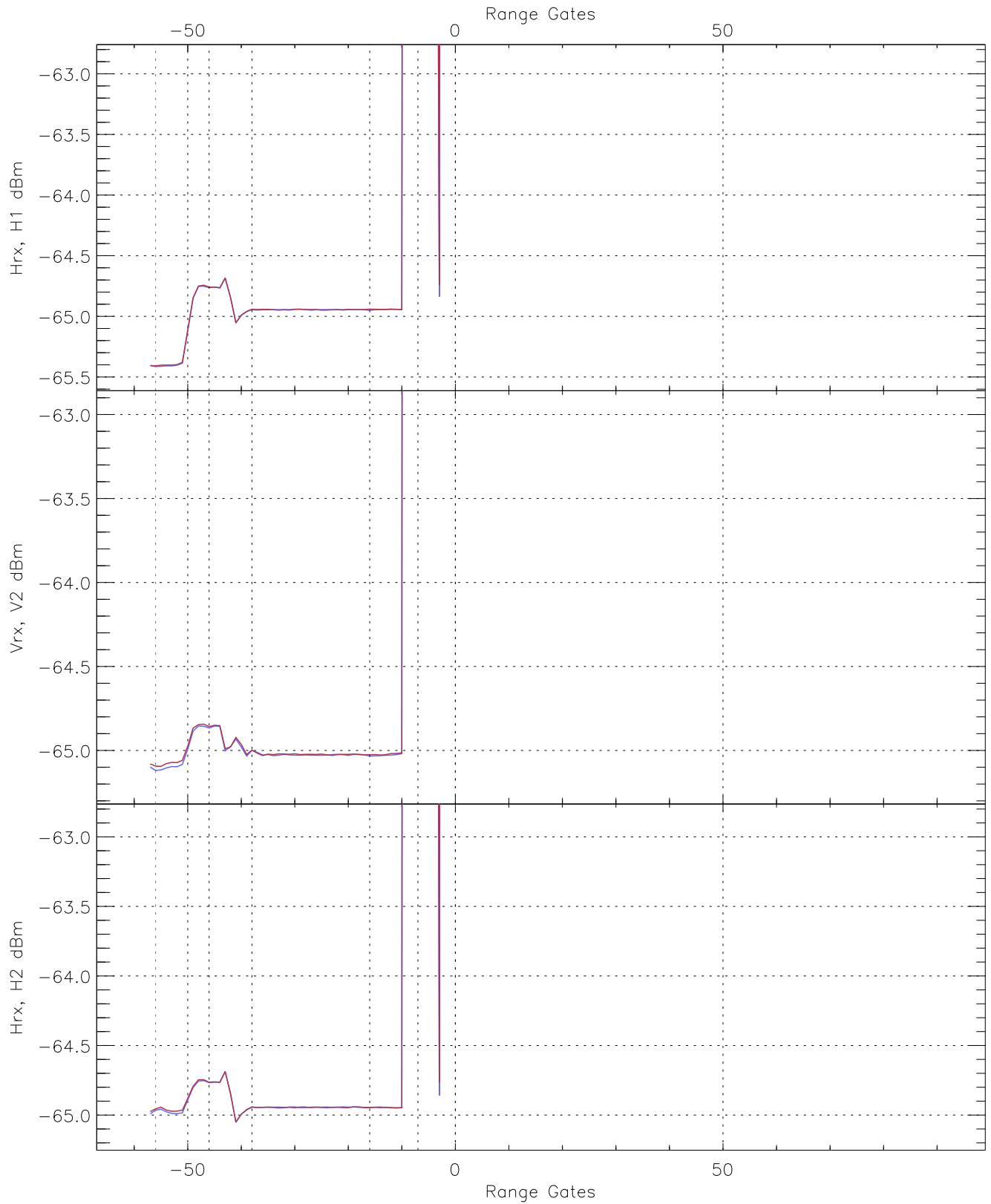


WCR3 CPP "Best" estimate Receivers Noise Power

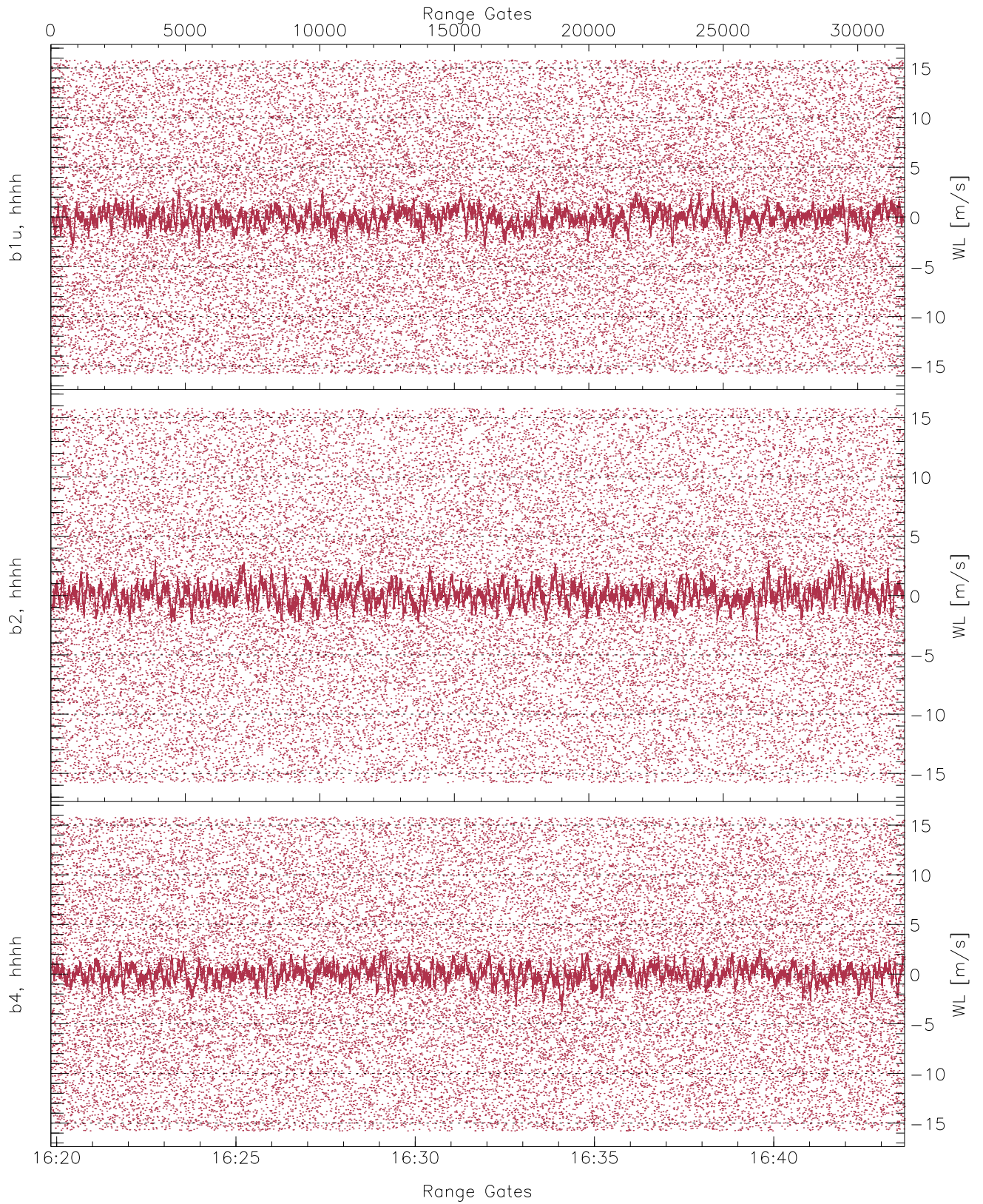
	Min	Max	Mean	Median	StDev
H1RG407_0 [dBm]	-66.78	-64.33	-65.41	-65.42	-76.93
V2RG395_0 [dBm]	-66.32	-63.89	-65.11	-65.11	-76.61
H2RG381_0 [dBm]	-66.54	-63.69	-64.99	-64.99	-76.47



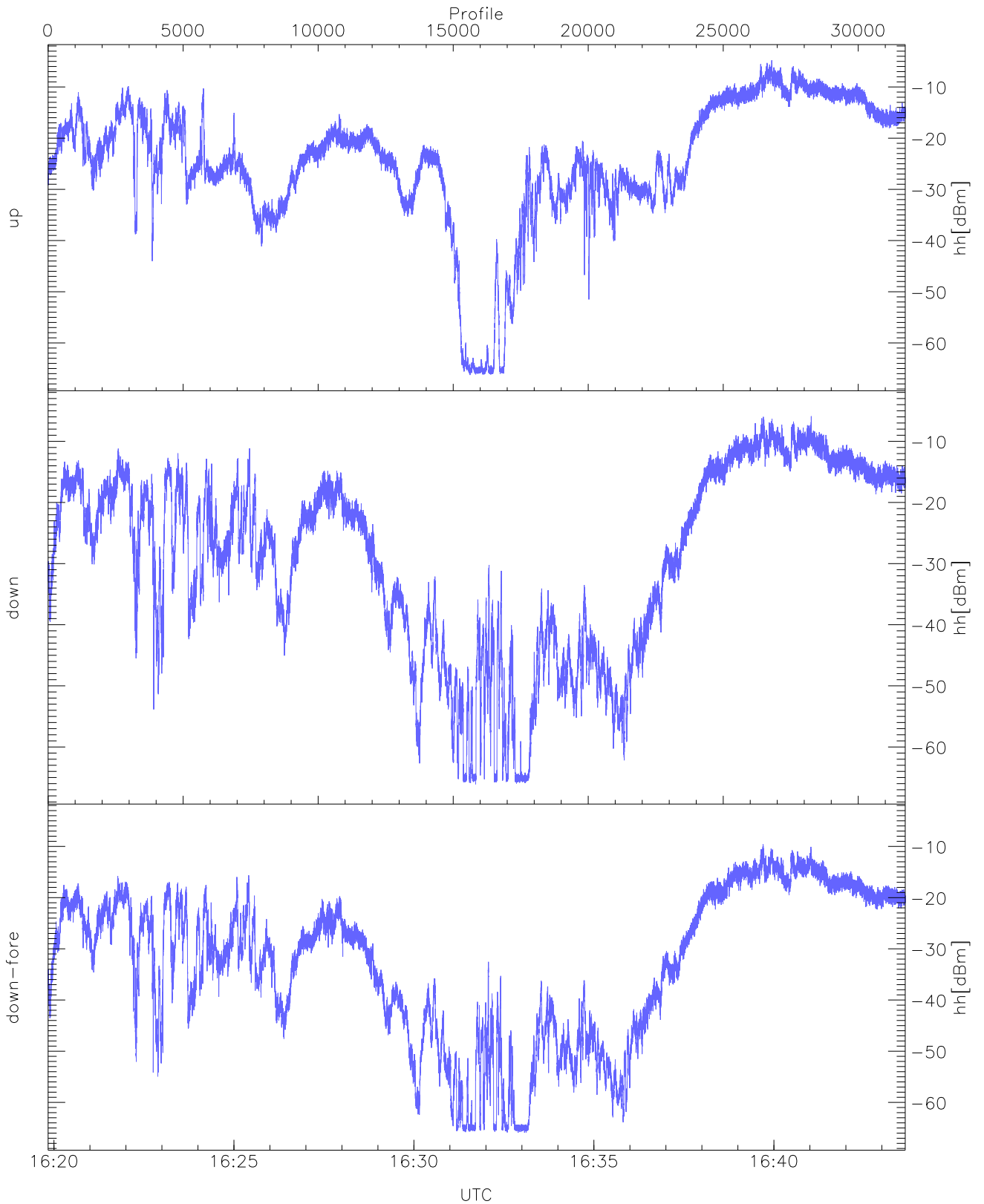
WCR3 CPP Averaged Received power for all recorded gates
blue: 161950-163145, 15871 profiles averaged
red: 163145-164339, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 161950-163145, 15871 profiles averaged
red: 163145-164339, 15871 profiles averaged

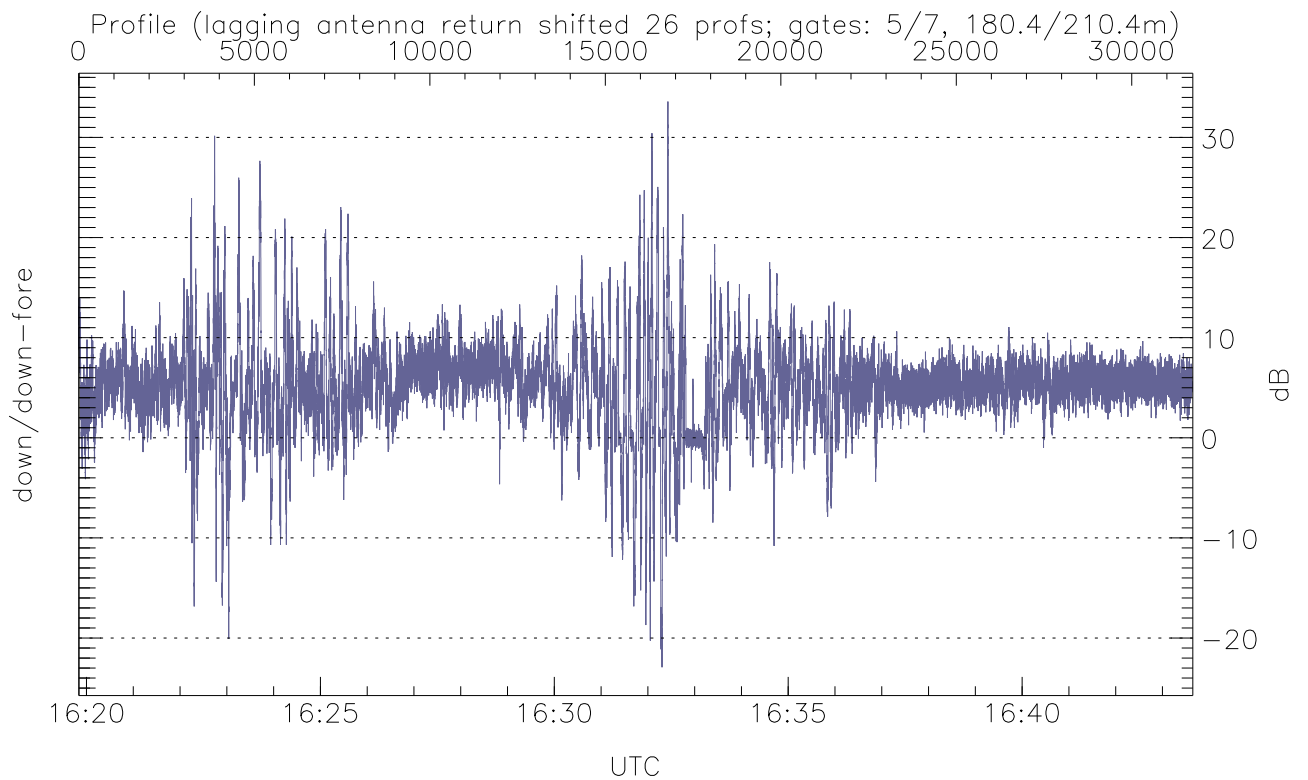
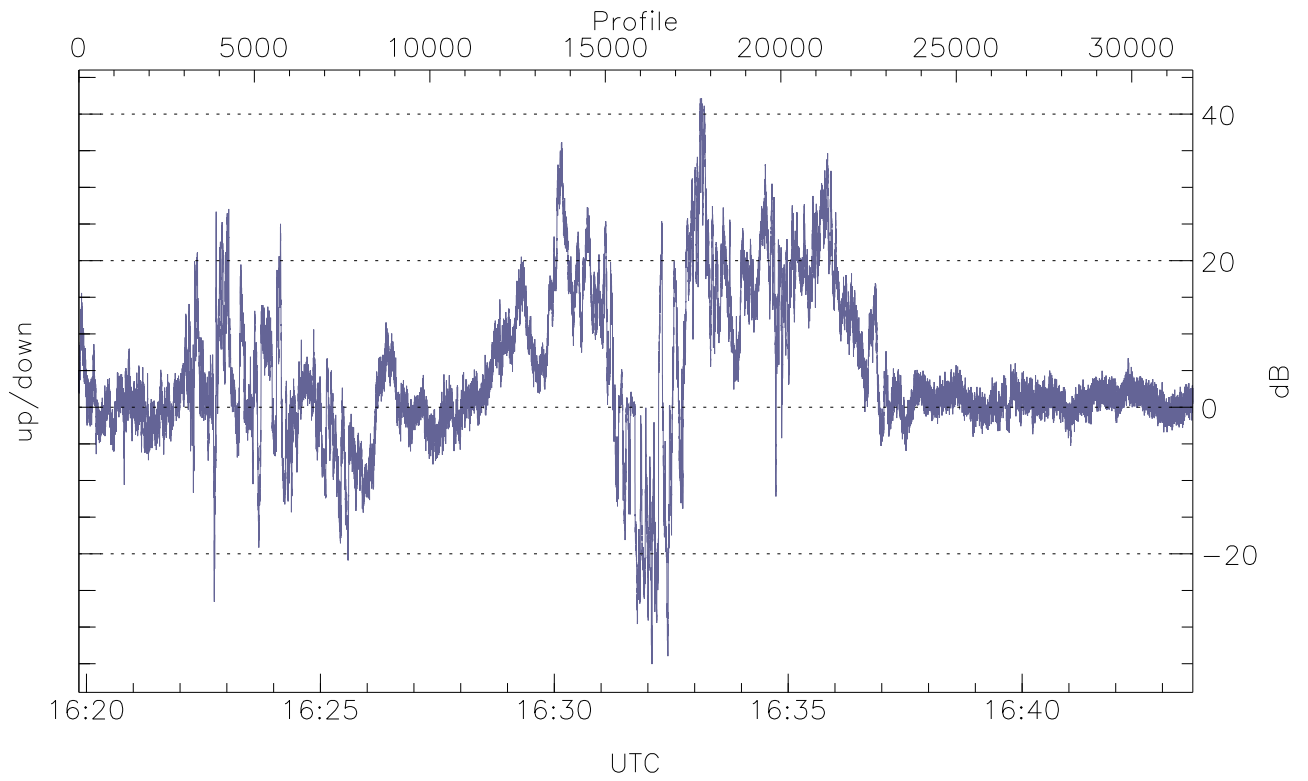


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



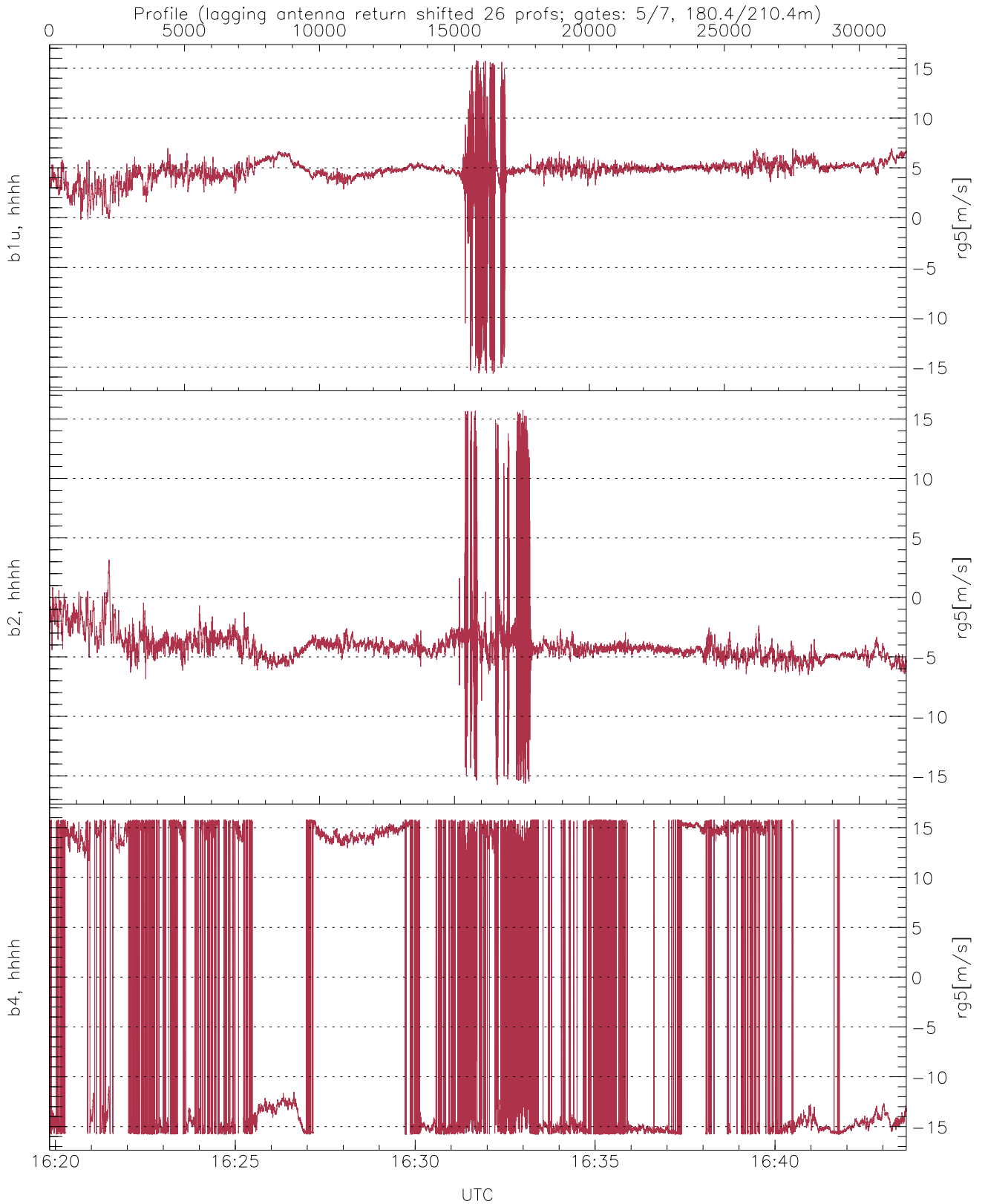
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.26	-4.79	-16.37
down(hh[dBm])	-66.09	-5.89	-17.24
down-fore(hh[dBm])	-65.93	-9.57	-21.44



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-35.05	42.15	4.44
down/down-fore (dB)	-22.92	33.59	5.21



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.65	15.78	4.61	1.76
b2, hhhh(rg5[m/s])	-15.76	15.76	-4.01	1.85
b4, hhhh(rg5[m/s])	-15.79	15.79	-2.32	14.47