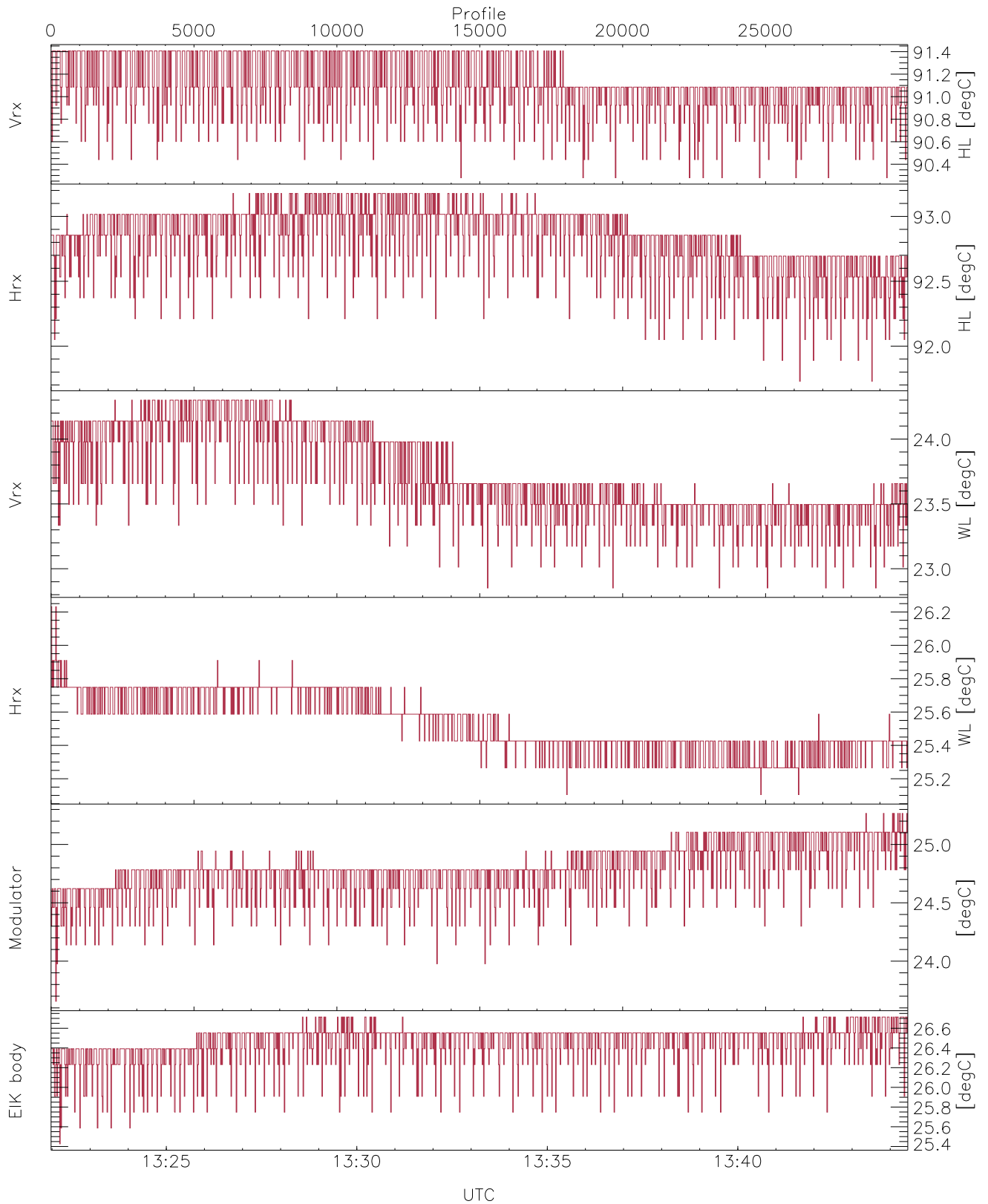


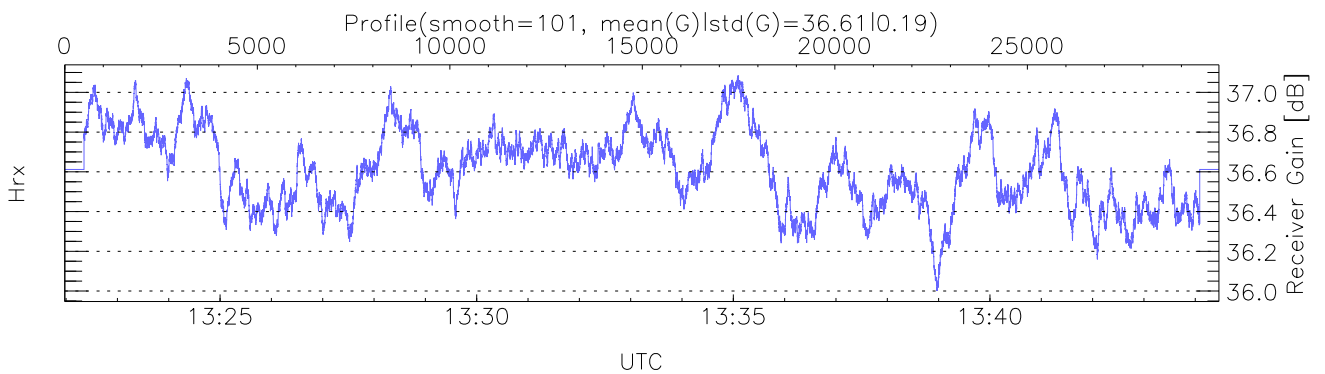
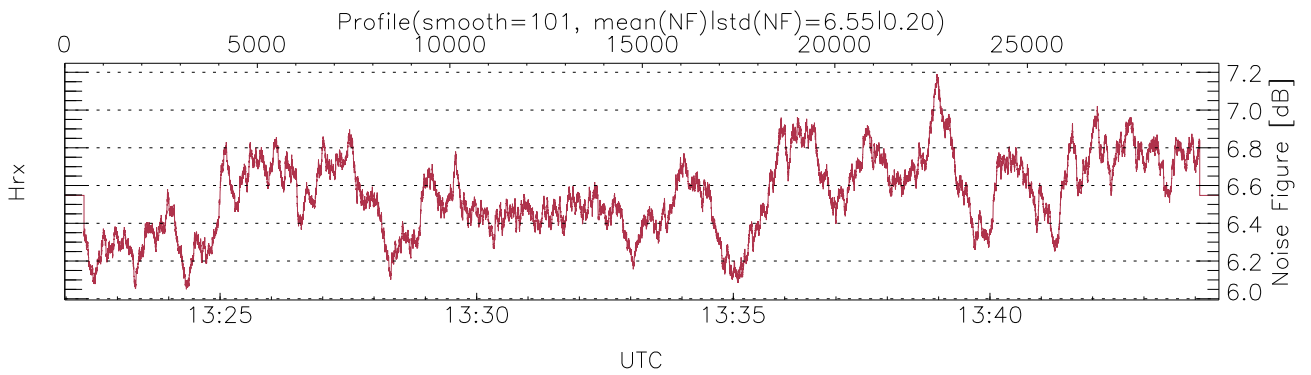
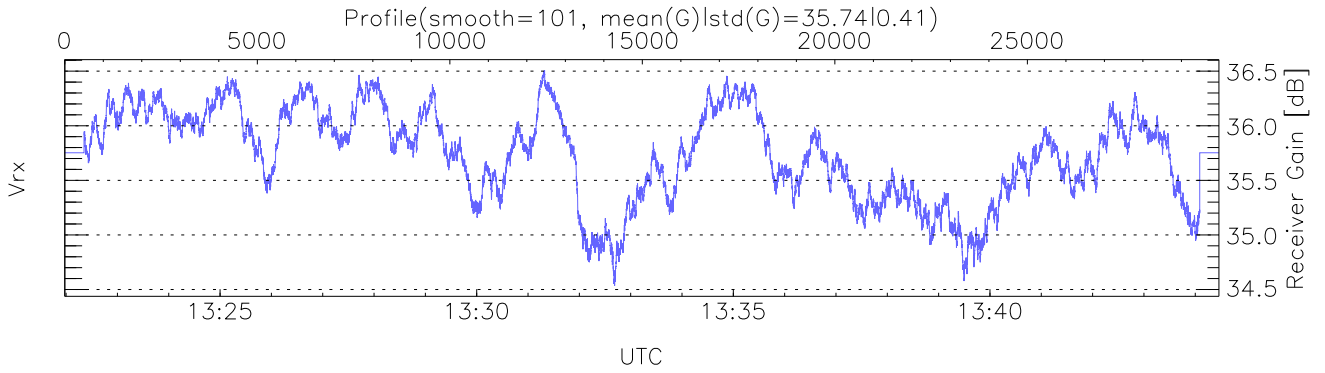
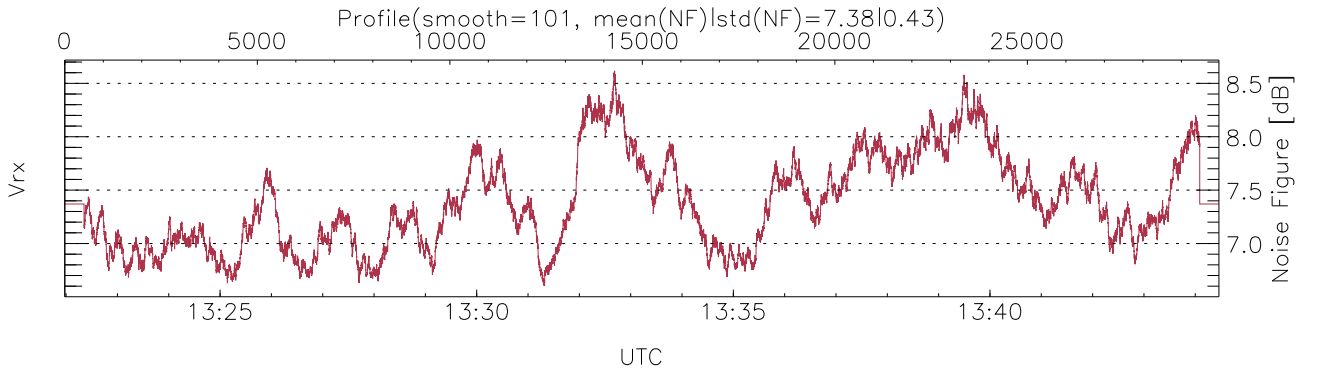
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 13:21:58-13:44:28, TimeCor: 0.00s, Dur: 1349.21s
 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): 29976/29976, 0-29975/13:21:58-13:44:28
 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



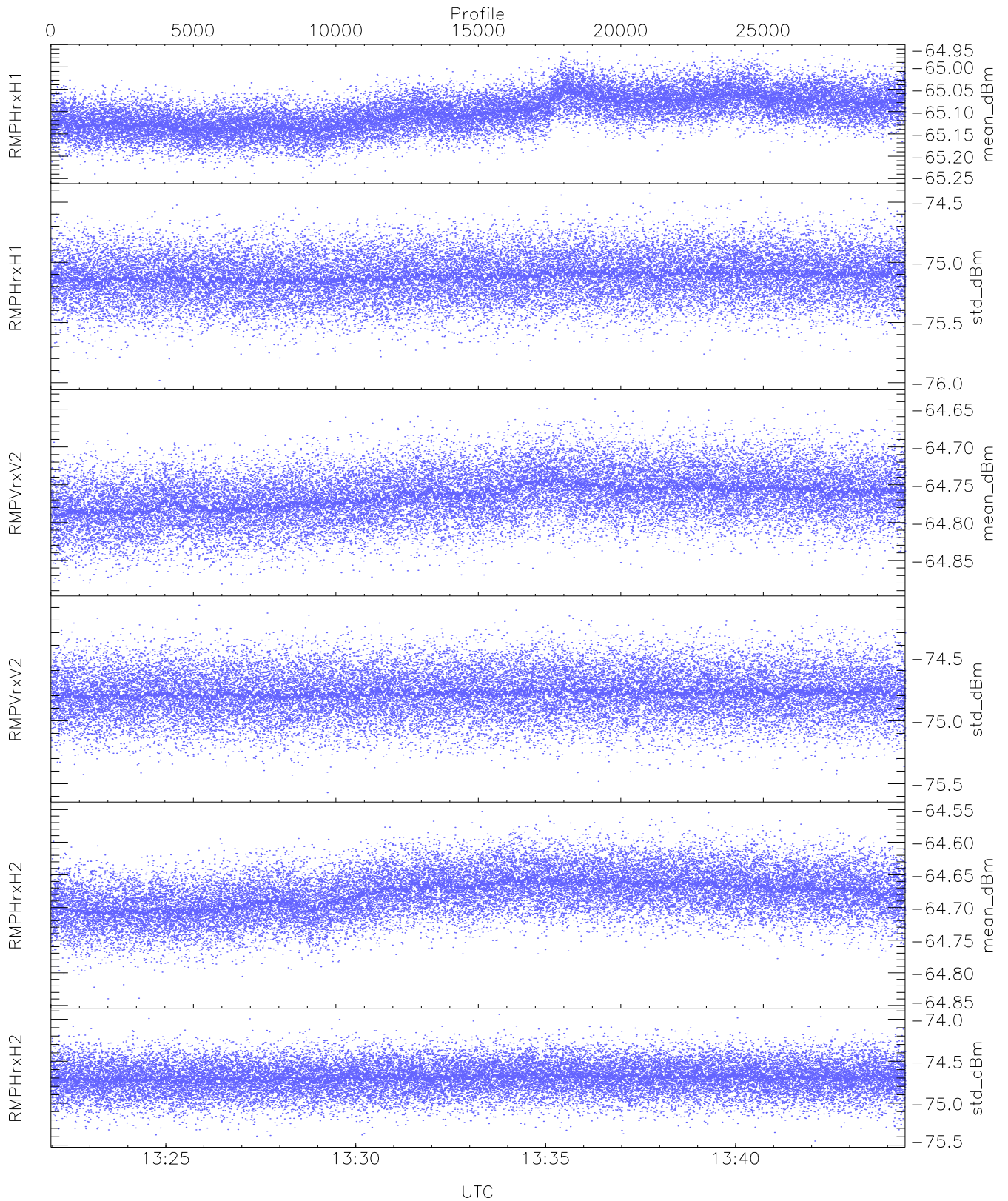
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,25,23,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,24,26,25,26
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK/Modulator Faults: None



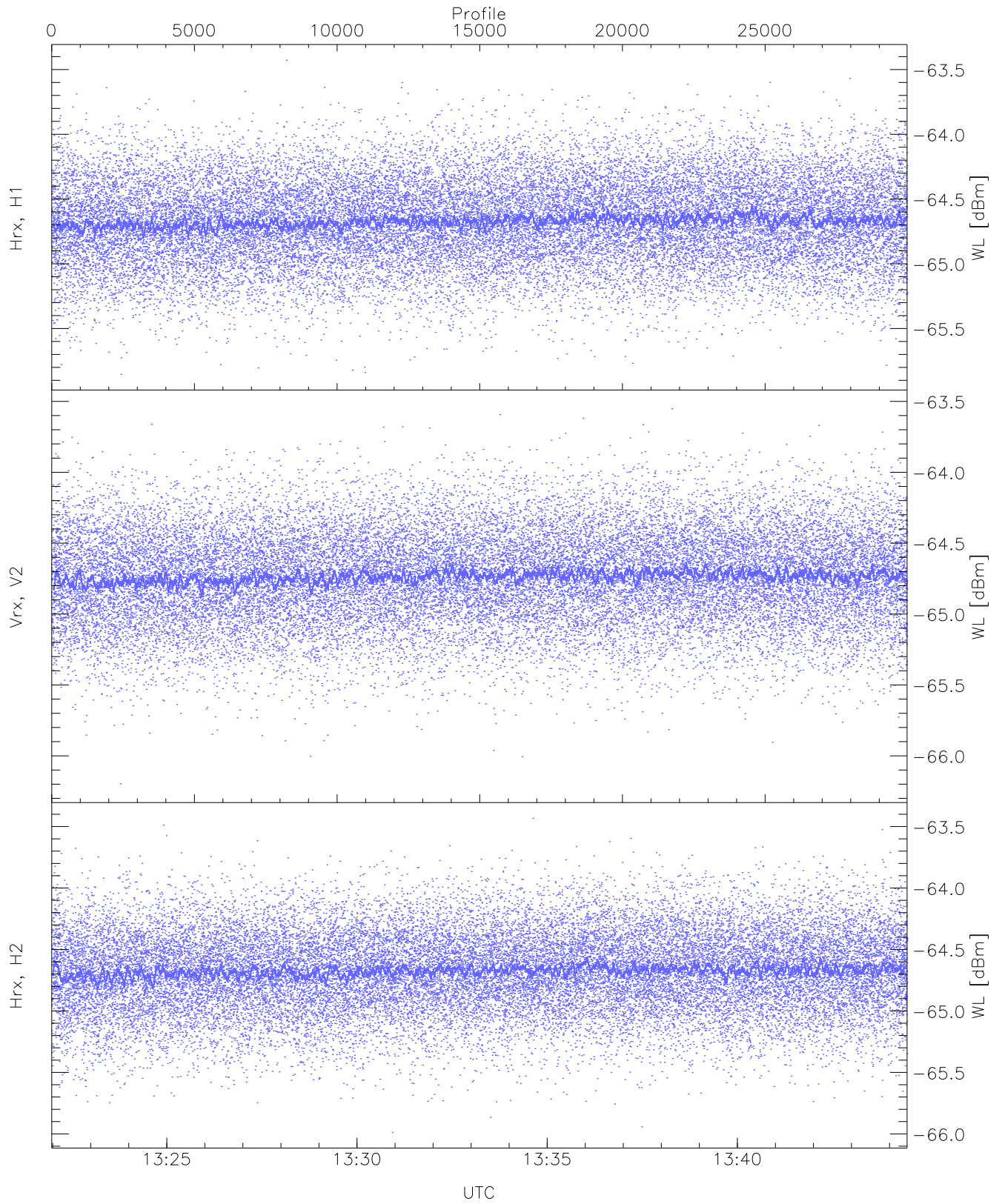
WCR3 CPP Receivers Gain and Noise Figure

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



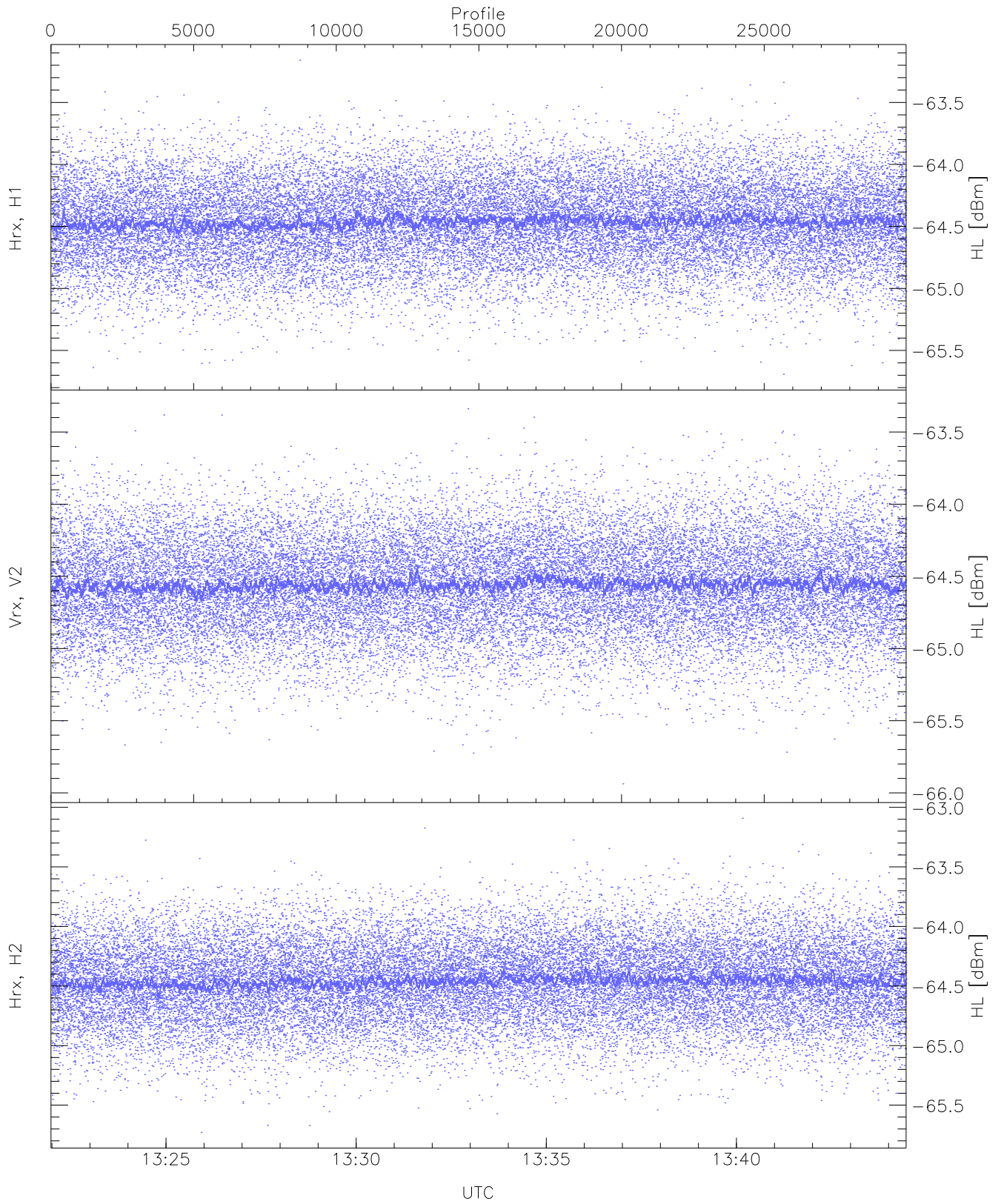
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.25	-64.96	-65.10	-65.10	-85.34
RMPHrxH1 (std_dBm)	-75.98	-74.42	-75.11	-75.12	-88.86
RMPVrxV2 (mean_dBm)	-64.88	-64.64	-64.77	-64.77	-86.01
RMPVrxV2 (std_dBm)	-75.57	-74.08	-74.78	-74.78	-88.58
RMPHrxH2 (mean_dBm)	-64.84	-64.55	-64.68	-64.68	-85.69
RMPHrxH2 (std_dBm)	-75.45	-73.94	-74.69	-74.70	-88.44



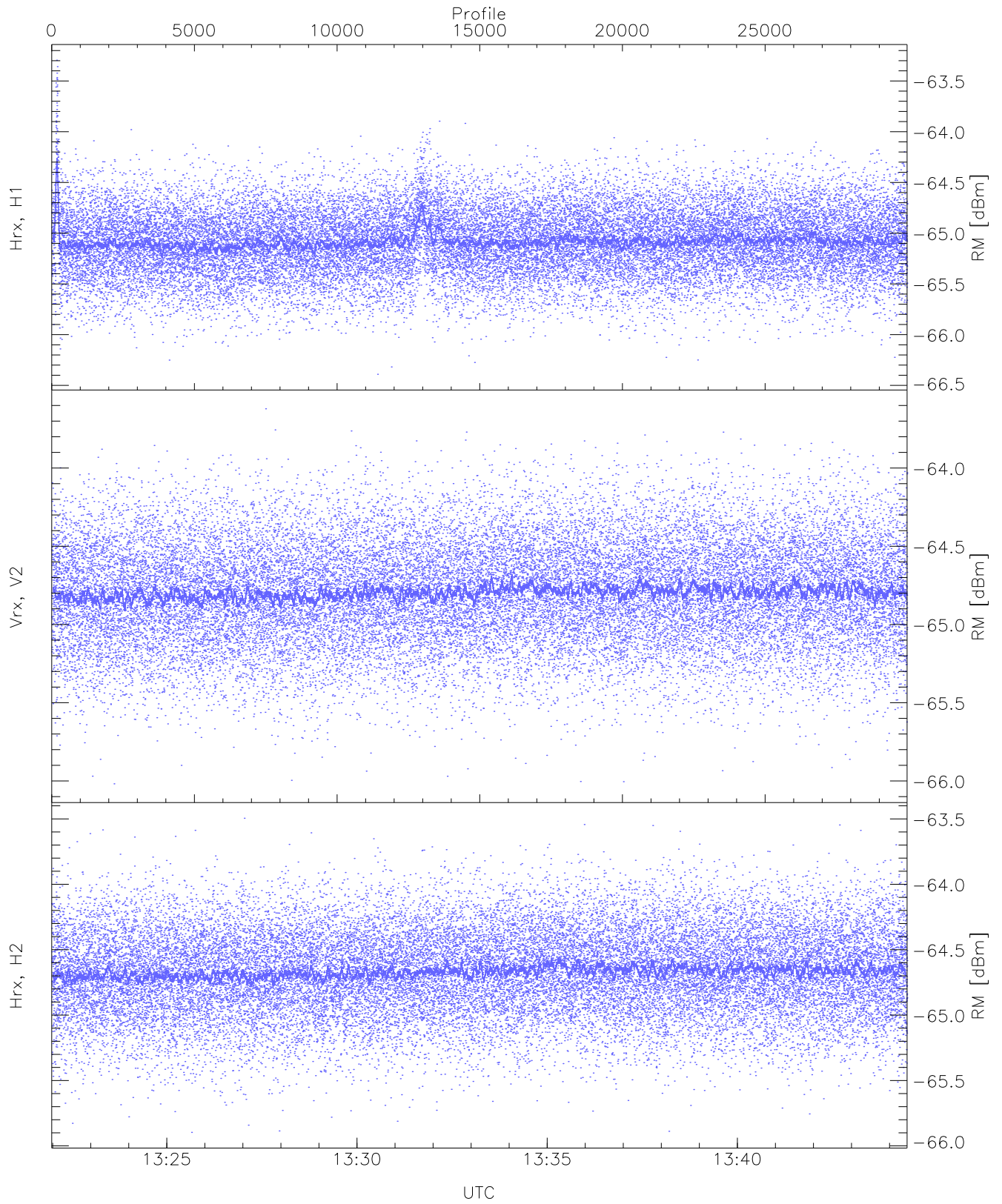
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.85	-63.43	-64.67	-64.68	-76.16
Vrx, V2 (WL [dBm])	-66.20	-63.55	-64.73	-64.74	-76.22
Hrx, H2 (WL [dBm])	-65.99	-63.43	-64.67	-64.68	-76.15



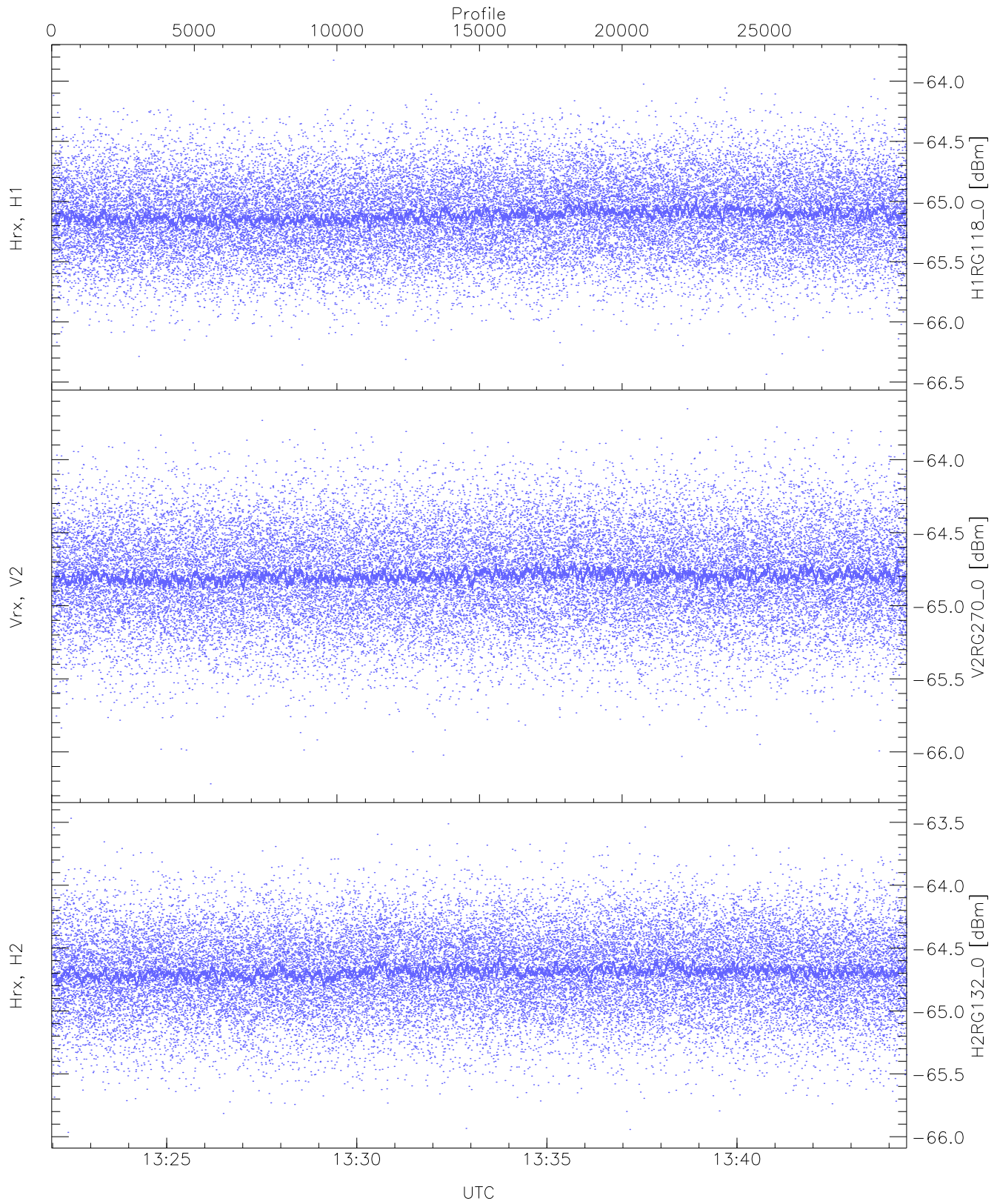
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.69	-63.16	-64.46	-64.47	-75.97
Vrx, V2 (HL [dBm])	-65.94	-63.34	-64.55	-64.56	-76.06
Hrx, H2 (HL [dBm])	-65.73	-63.09	-64.45	-64.46	-75.94



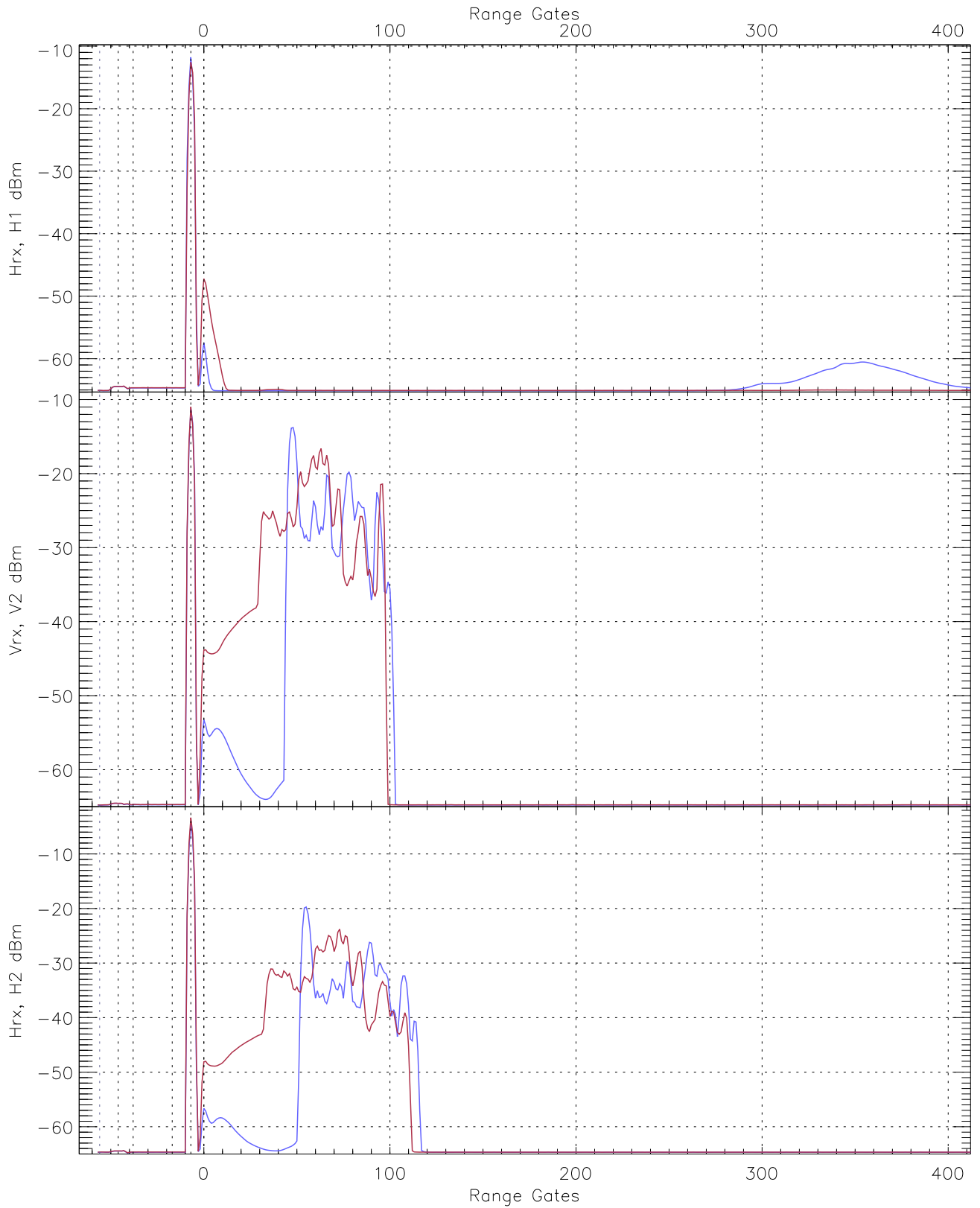
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.39	-63.30	-65.08	-65.09	-76.45
Vrx, V2 (RM [dBm])	-66.02	-63.62	-64.79	-64.80	-76.28
Hrx, H2 (RM [dBm])	-65.90	-63.50	-64.66	-64.67	-76.15

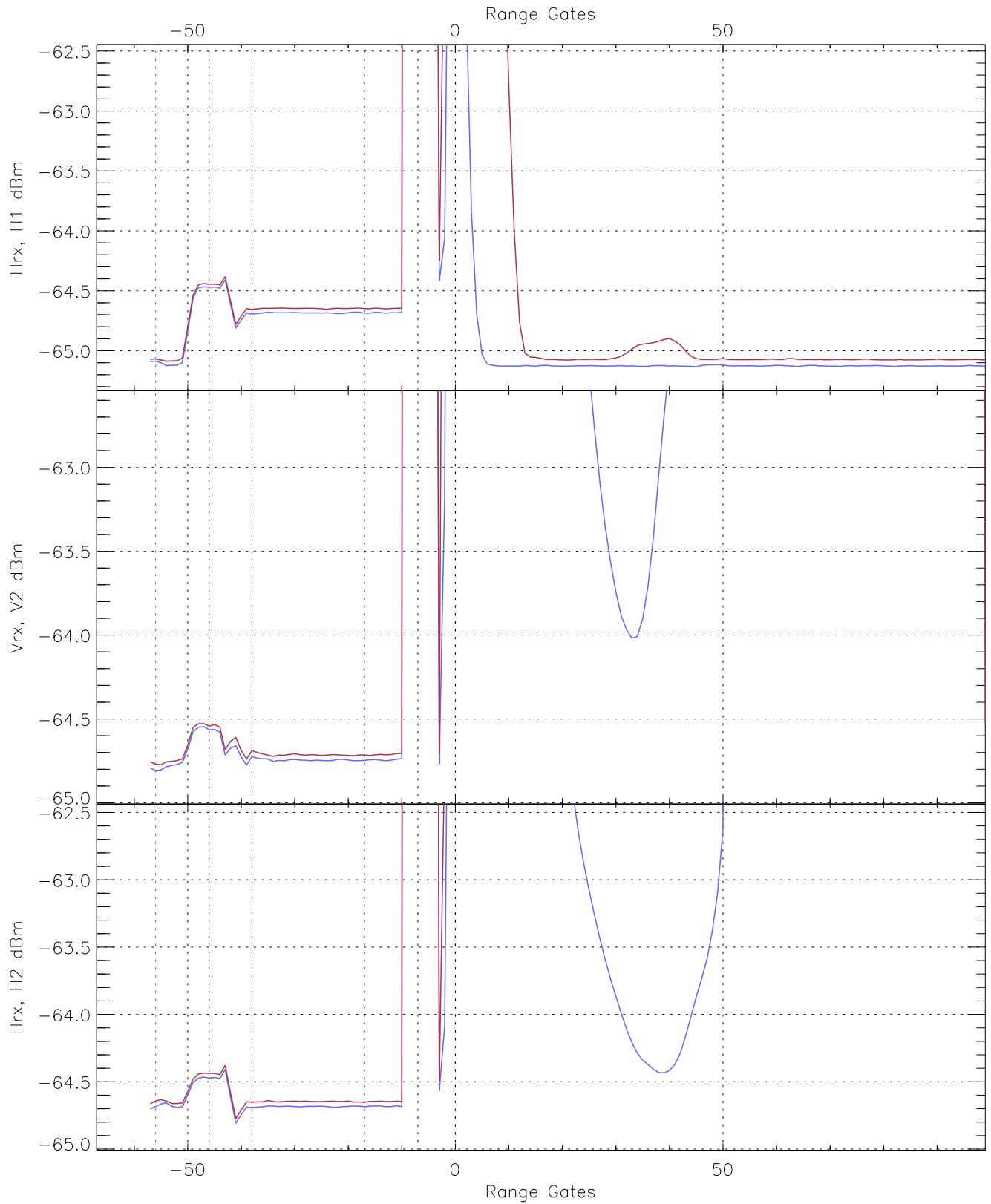


WCR3 CPP "Best" estimate Receivers Noise Power

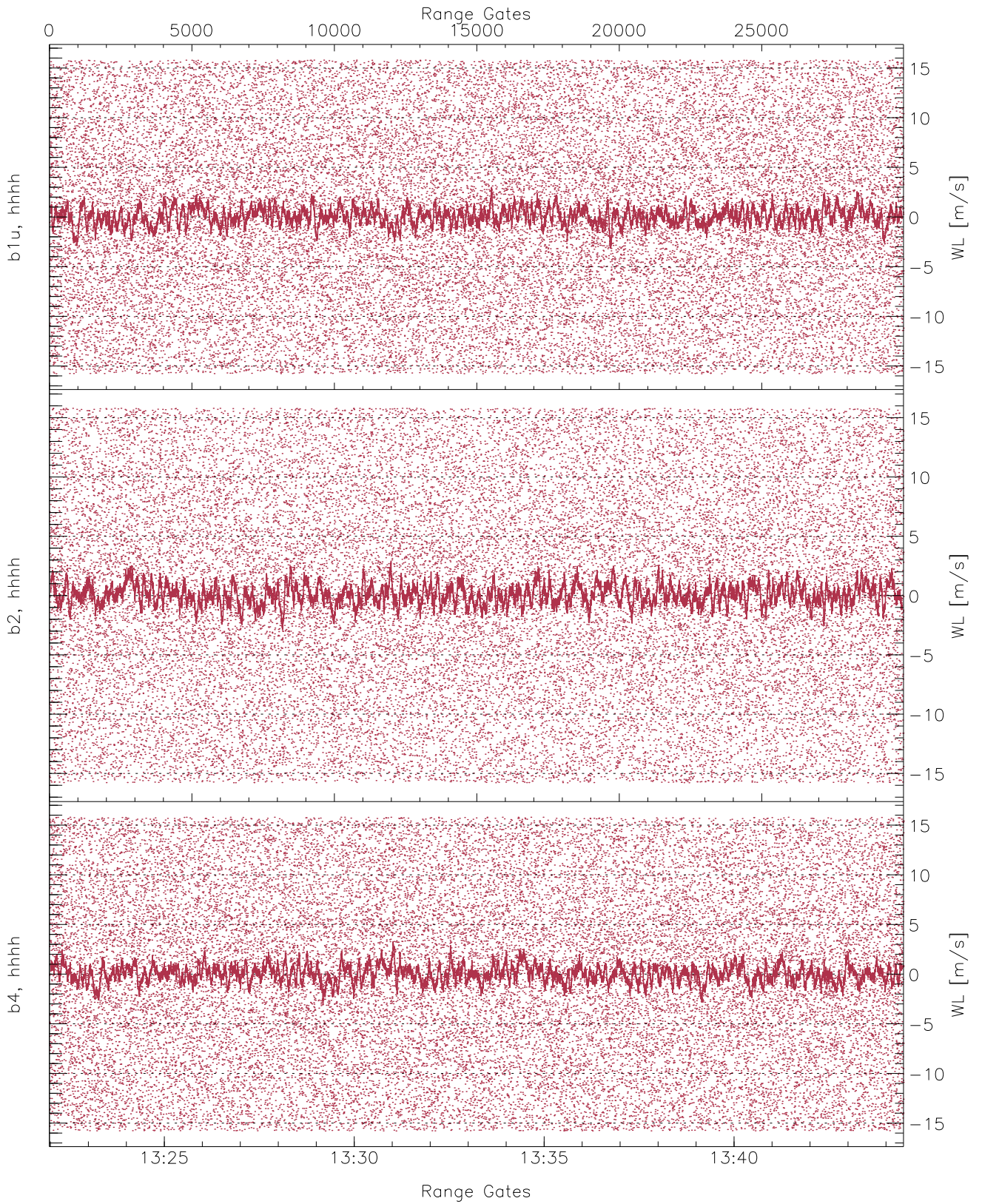
	Min	Max	Mean	Median	StDev
H1RG118_0 [dBm]	-66.44	-63.83	-65.11	-65.12	-76.60
V2RG270_0 [dBm]	-66.22	-63.65	-64.79	-64.80	-76.30
H2RG132_0 [dBm]	-65.97	-63.47	-64.68	-64.69	-76.19



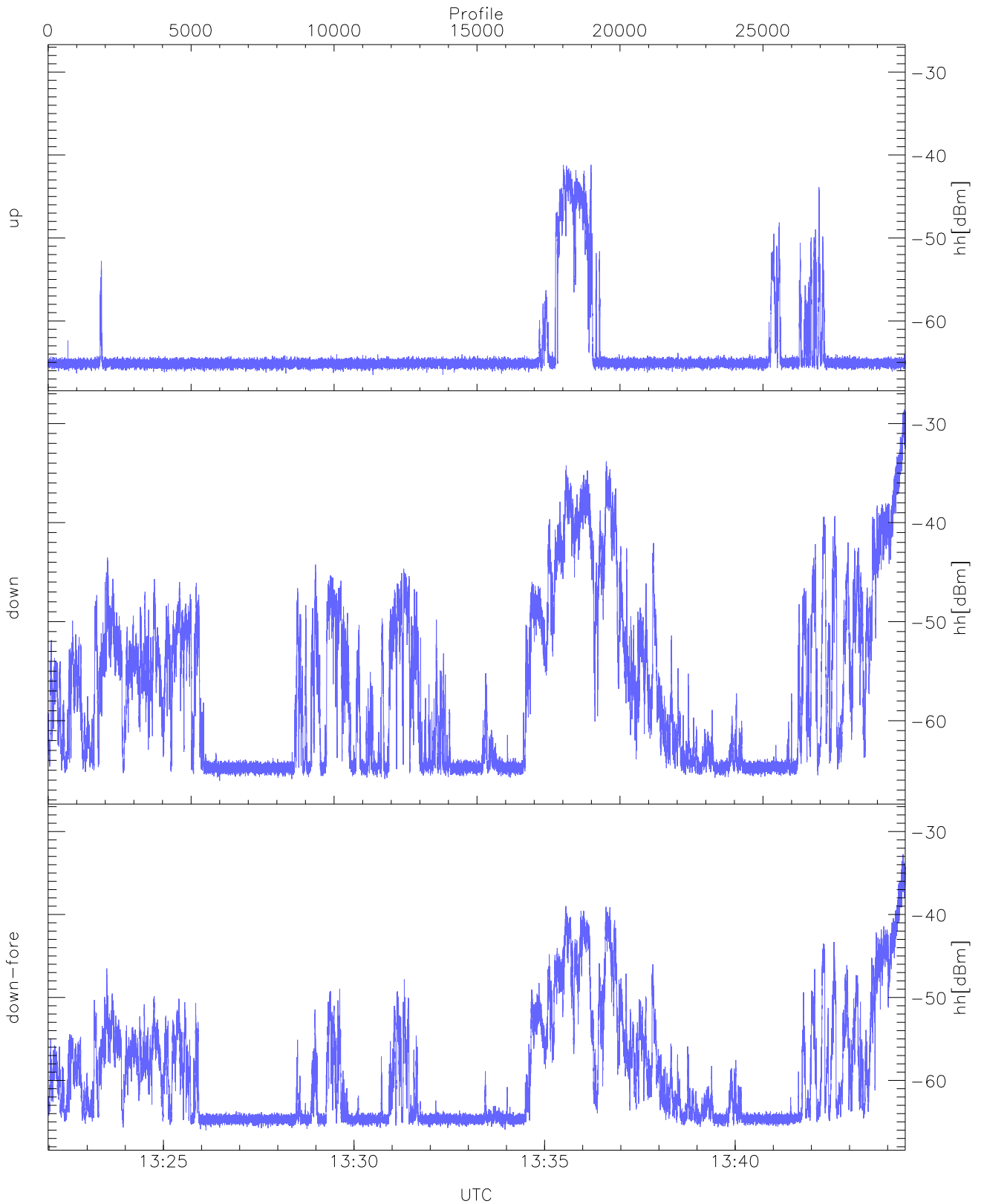
WCR3 CPP Averaged Received power for all recorded gates
blue: 132158-133313, 14989 profiles averaged
red: 133313-134428, 14988 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 132158-133313, 14989 profiles averaged
red: 133313-134428, 14988 profiles averaged

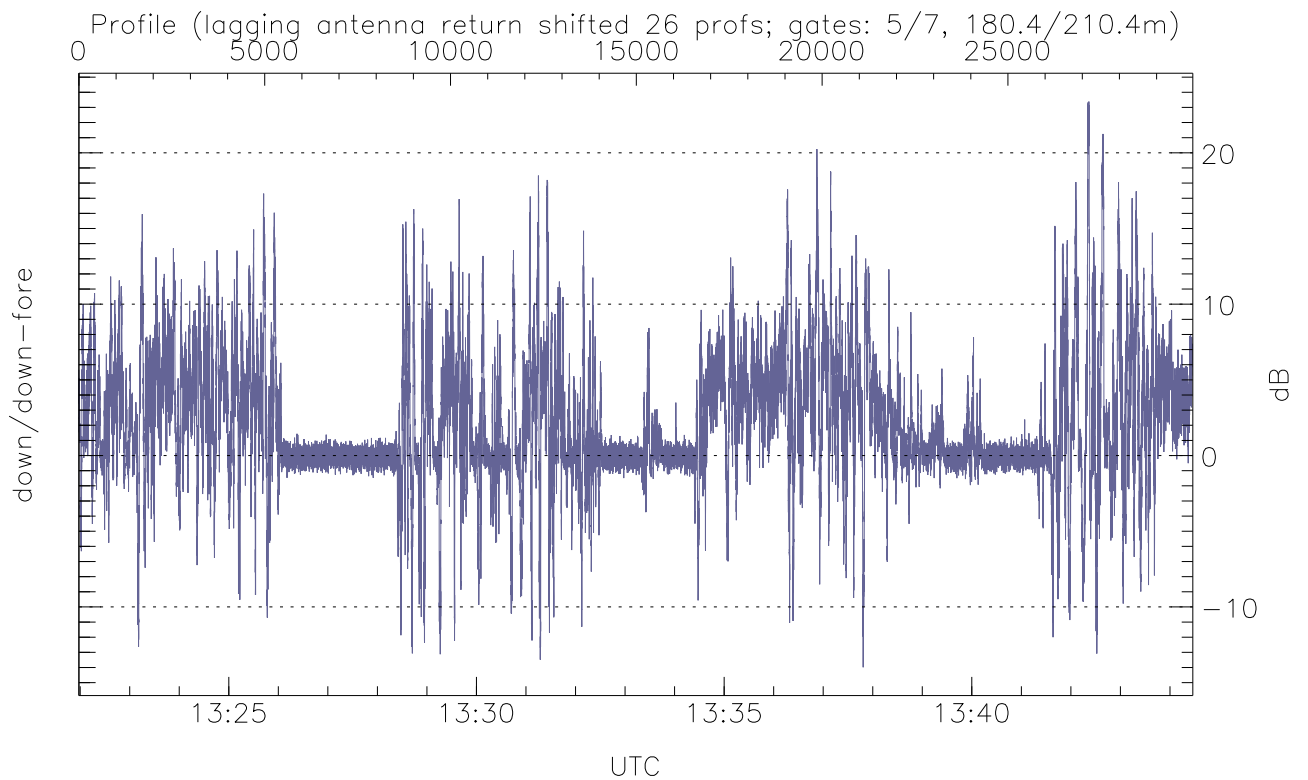
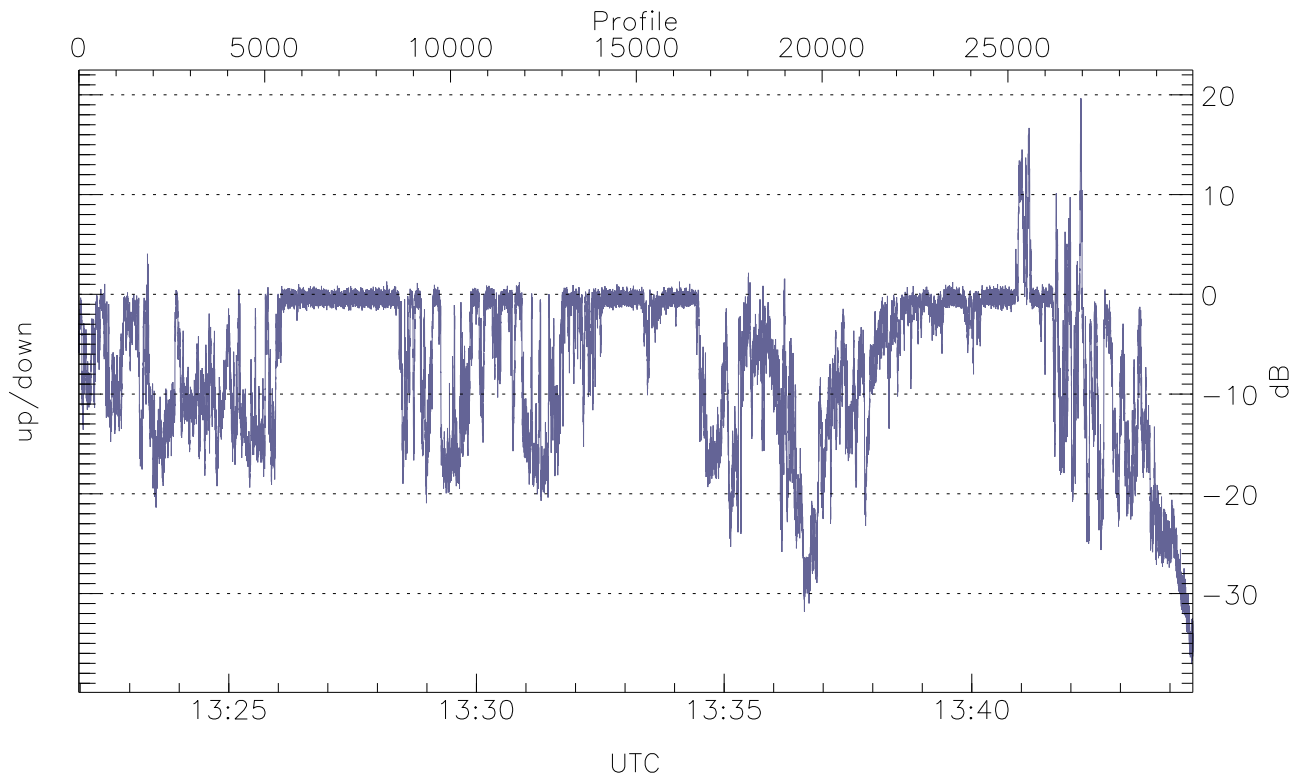


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



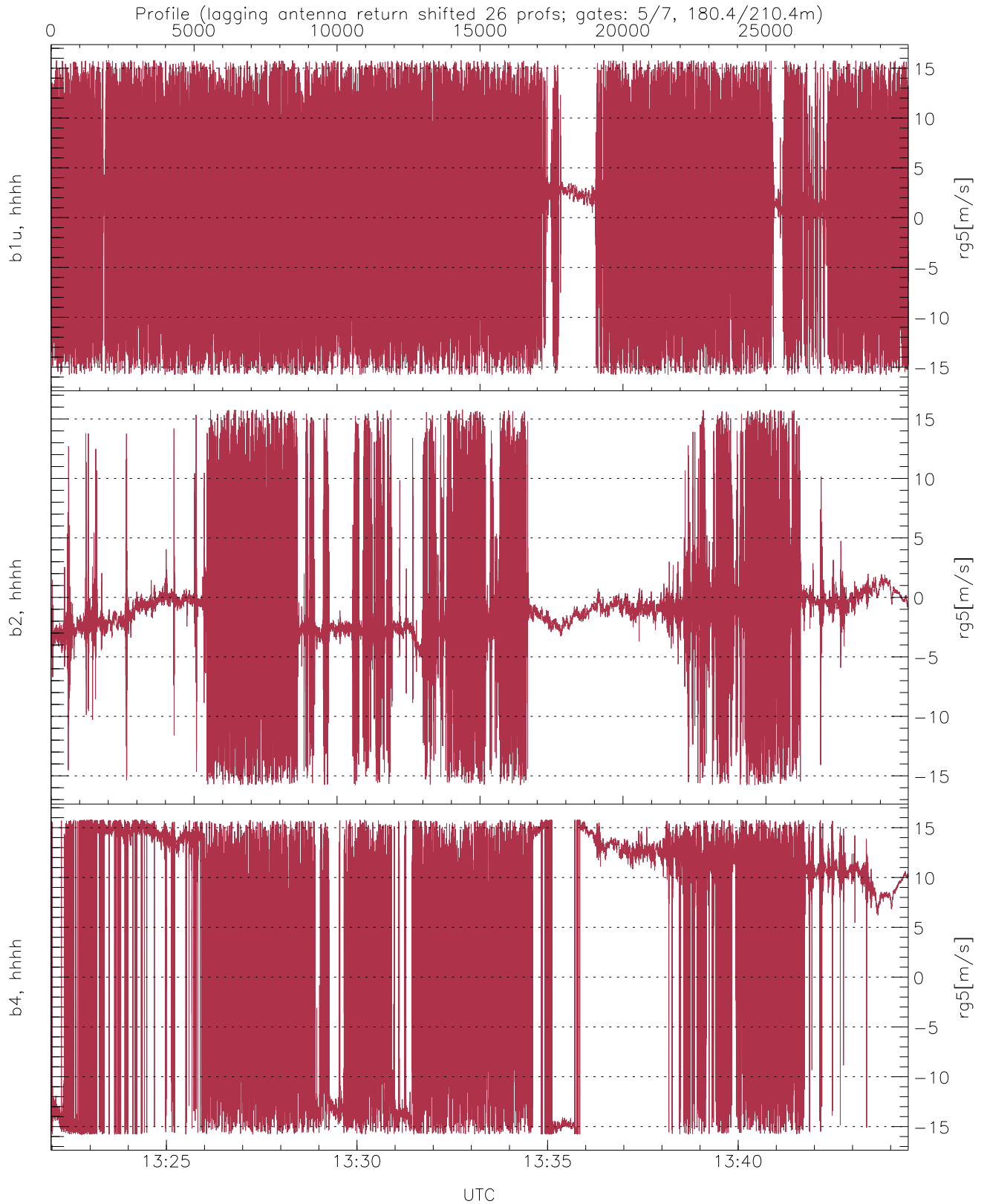
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.52	-41.16	-58.00
down(hh[dBm])	-66.08	-28.58	-46.98
down-fore(hh[dBm])	-66.00	-32.73	-51.50



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

	Min	Max	Mean
up/down (dB)	-37.07	19.65	-7.05
down/down-fore (dB)	-13.99	23.39	2.14



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	0.14	8.16
b2, hhhh(rg5[m/s])	-15.77	15.79	-0.89	4.93
b4, hhhh(rg5[m/s])	-15.79	15.79	3.36	11.03