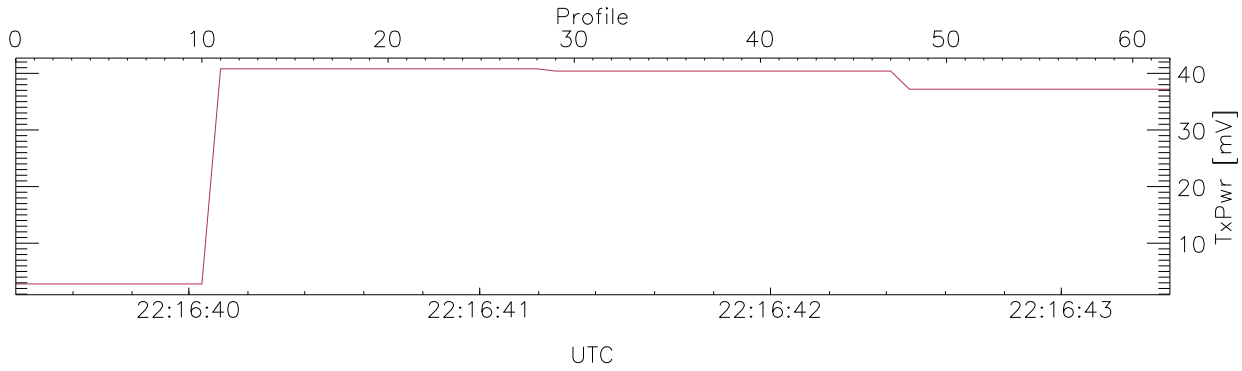
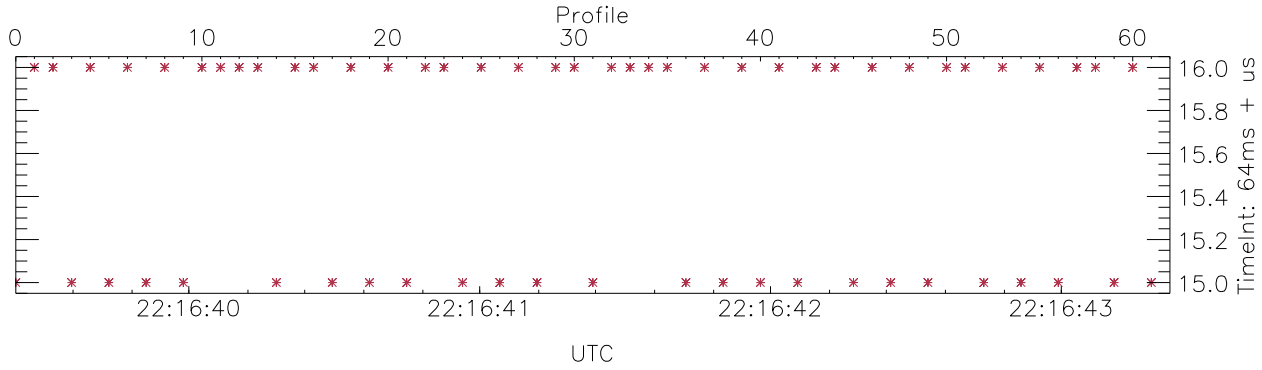
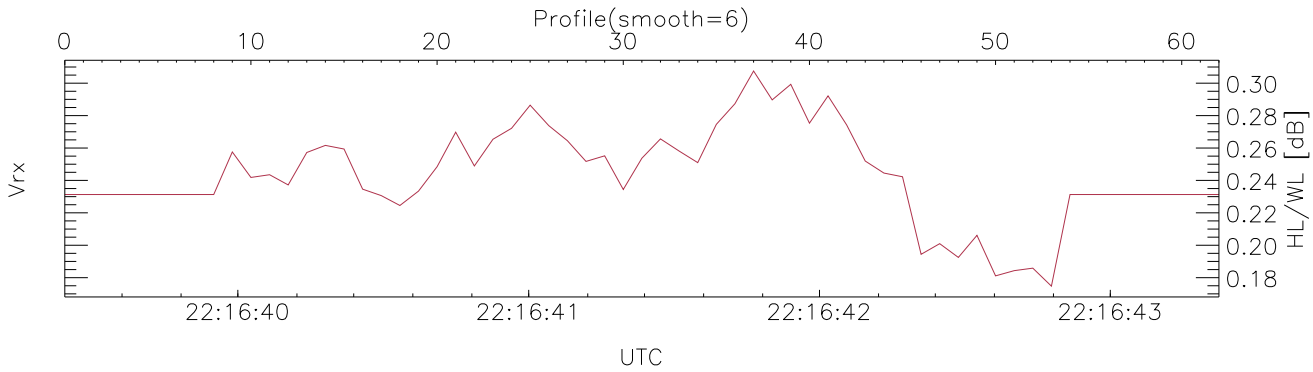
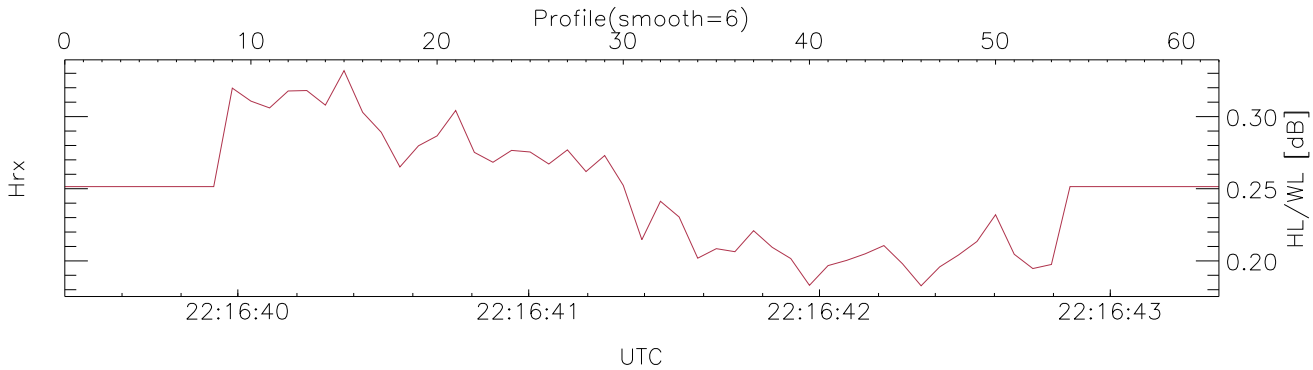


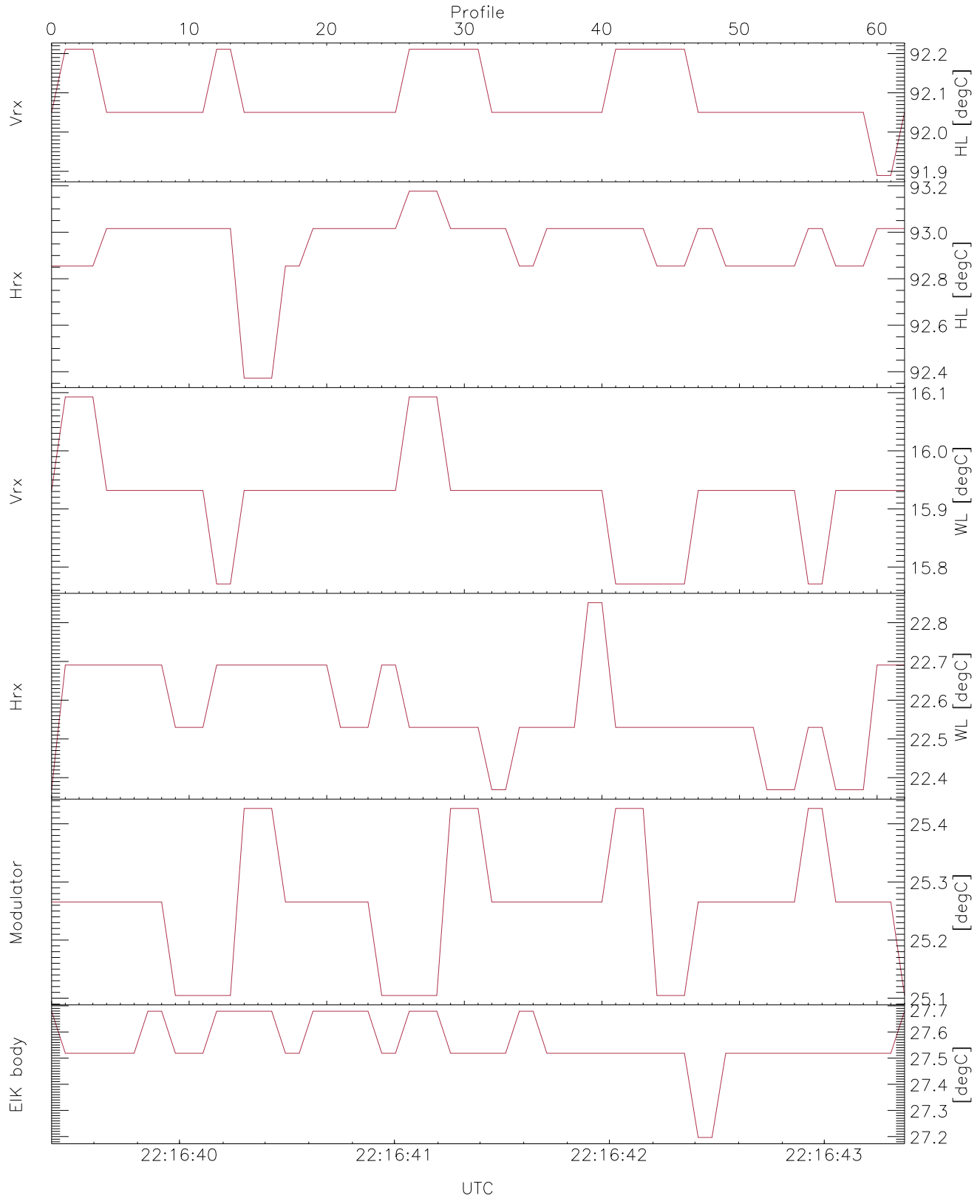






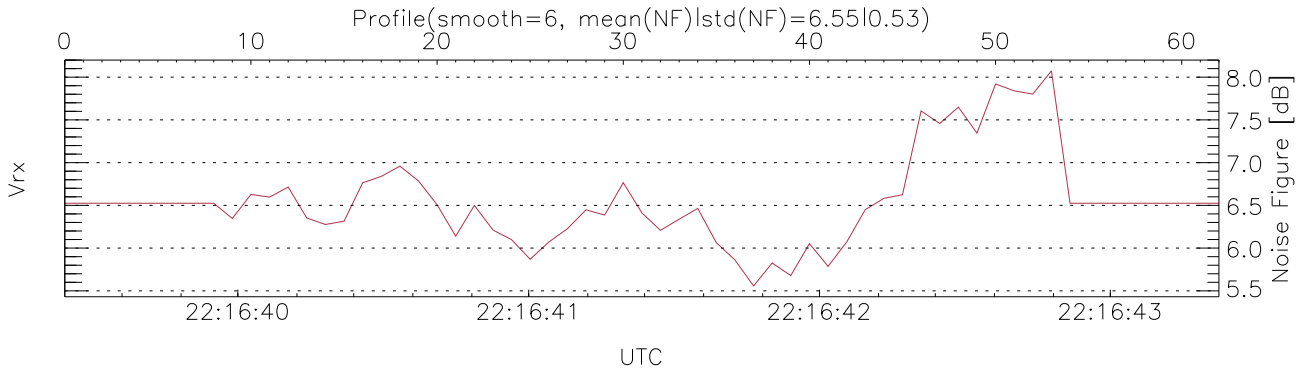
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

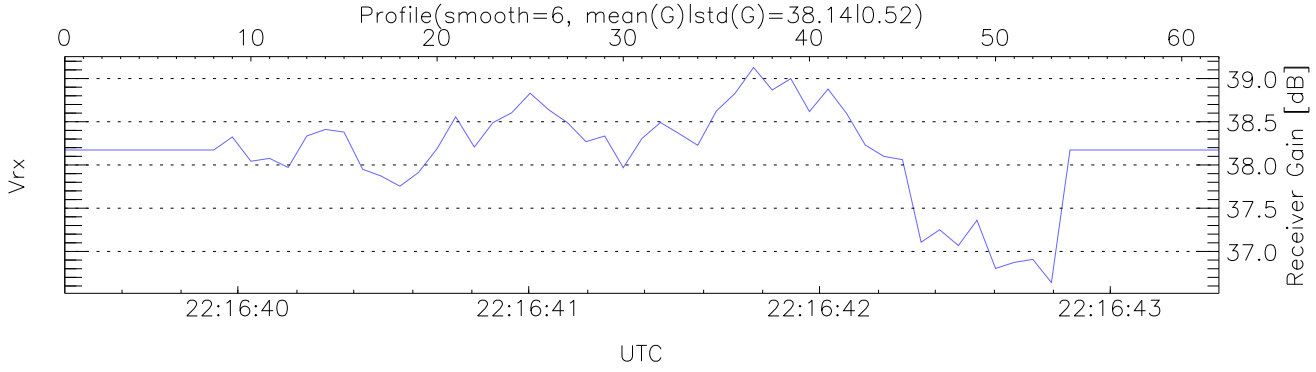
UTC: 22:16:39-22:16:43, Dur: 3.97s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 64.0,64.0,64.0,0.0 ms / 16,16,16
NumRec(r/t): 63/63, 0-62/22:16:39-22:16:43
AcqTime: 64.0ms, Rate: 495KB/s, Averages: 160
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 V1 V1 H2 H2 V2 V2
PRF: 20.0 20.0 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105,6187,15.0 m, Gates: 406, Aspect: 2.6
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1

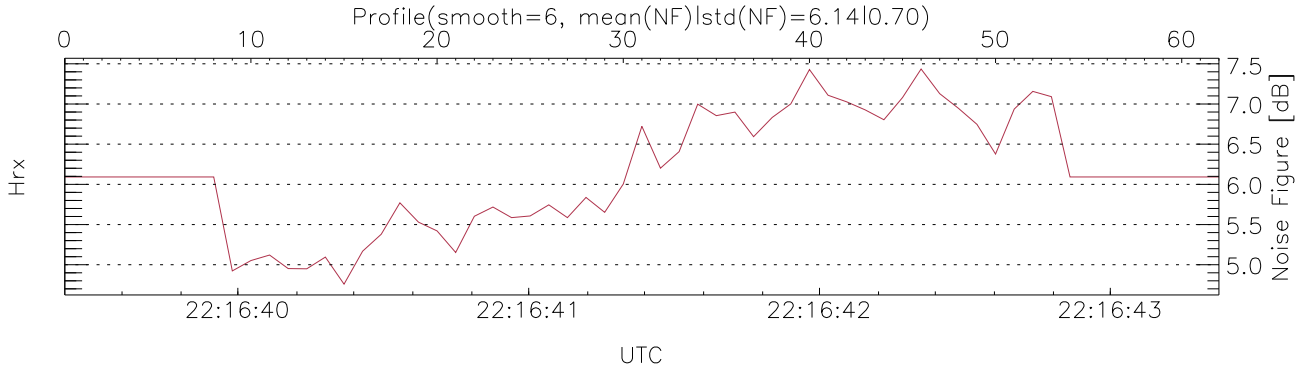


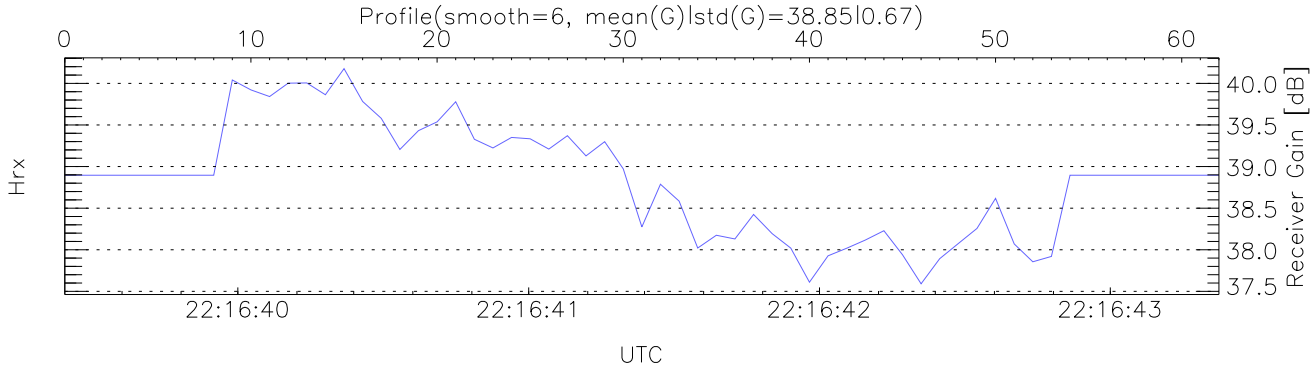
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,15,22,25,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,22,25,27
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK/Modulator Faults: None



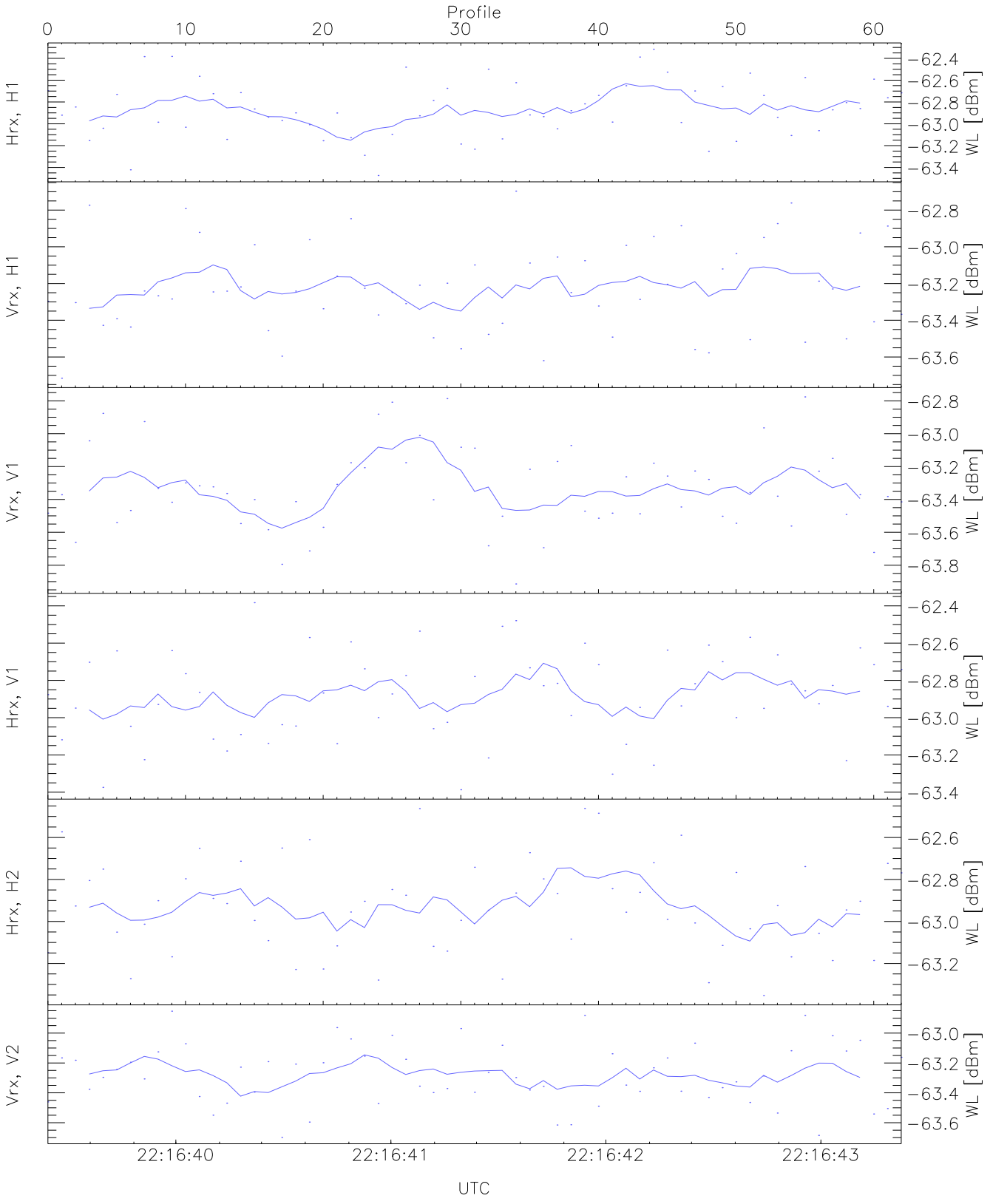






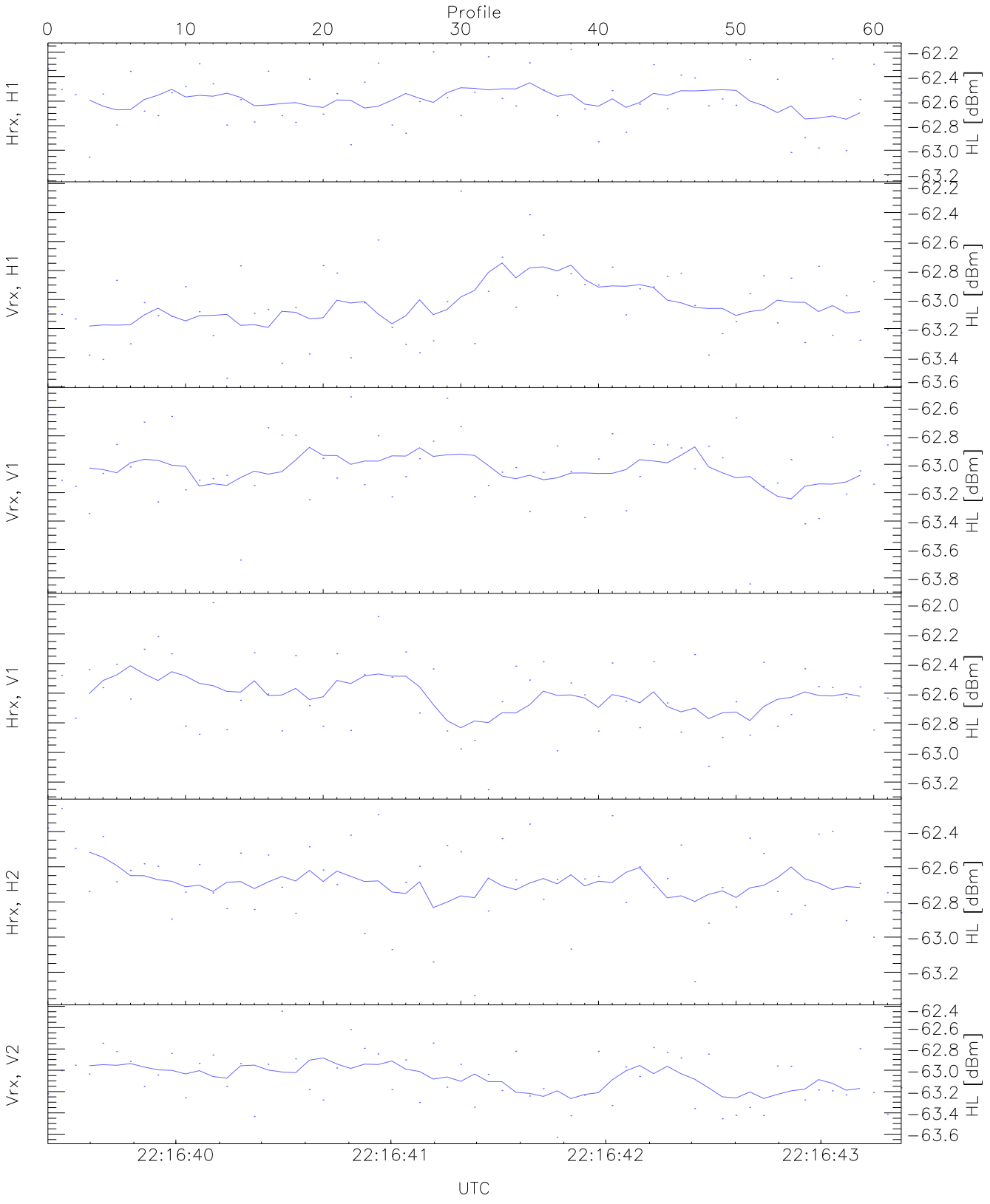
WCR2 CPP Receivers Gain and Noise Figure

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



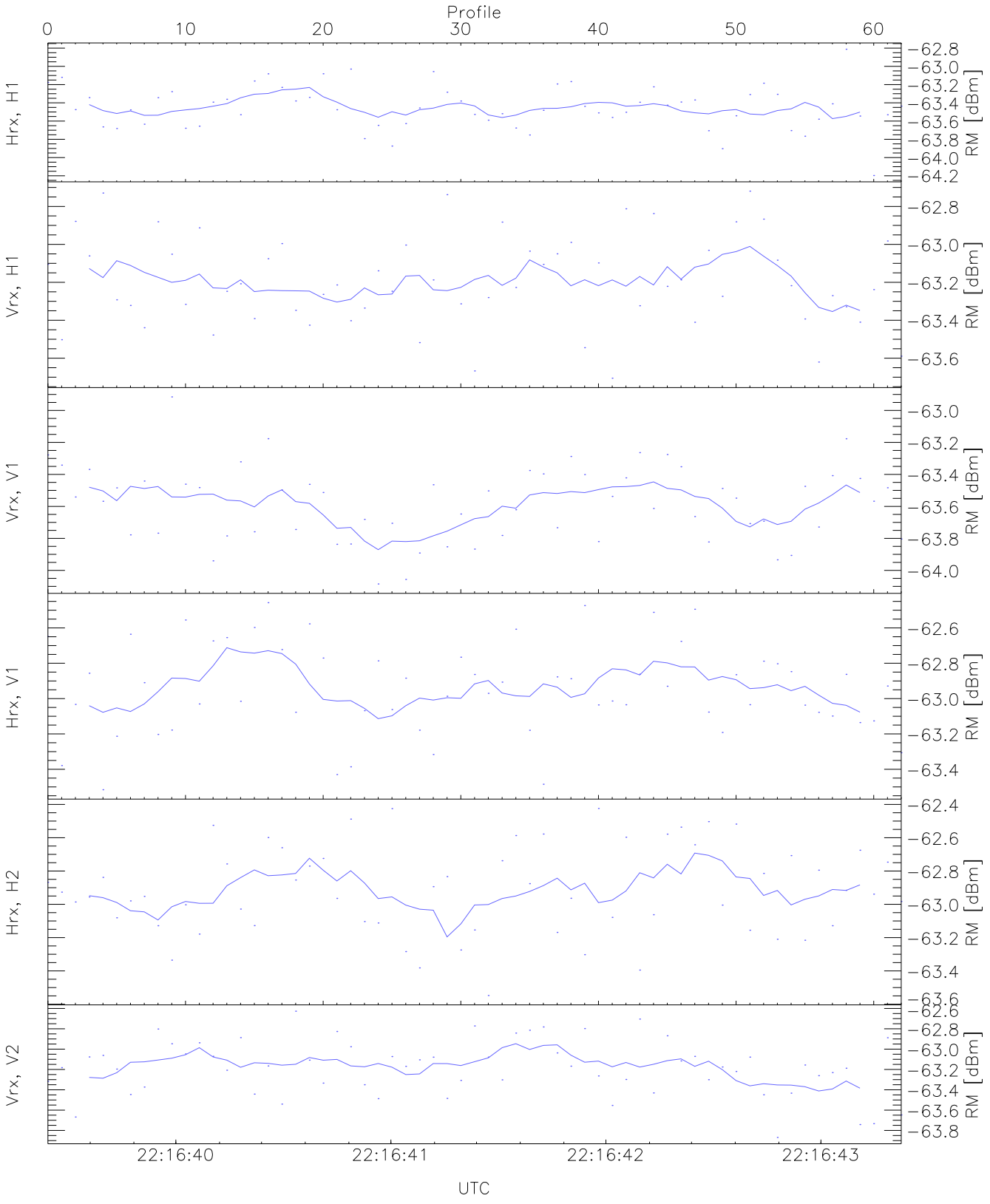
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.47	-62.32	-62.86	-62.88	-75.08
Vrx, H1(WL [dBm])	-63.72	-62.70	-63.22	-63.24	-75.69
Vrx, V1(WL [dBm])	-63.91	-62.78	-63.33	-63.37	-75.64
Hrx, V1(WL [dBm])	-63.39	-62.38	-62.88	-62.87	-75.56
Hrx, H2(WL [dBm])	-63.35	-62.46	-62.92	-62.92	-75.87
Vrx, V2(WL [dBm])	-63.70	-62.85	-63.28	-63.30	-76.58



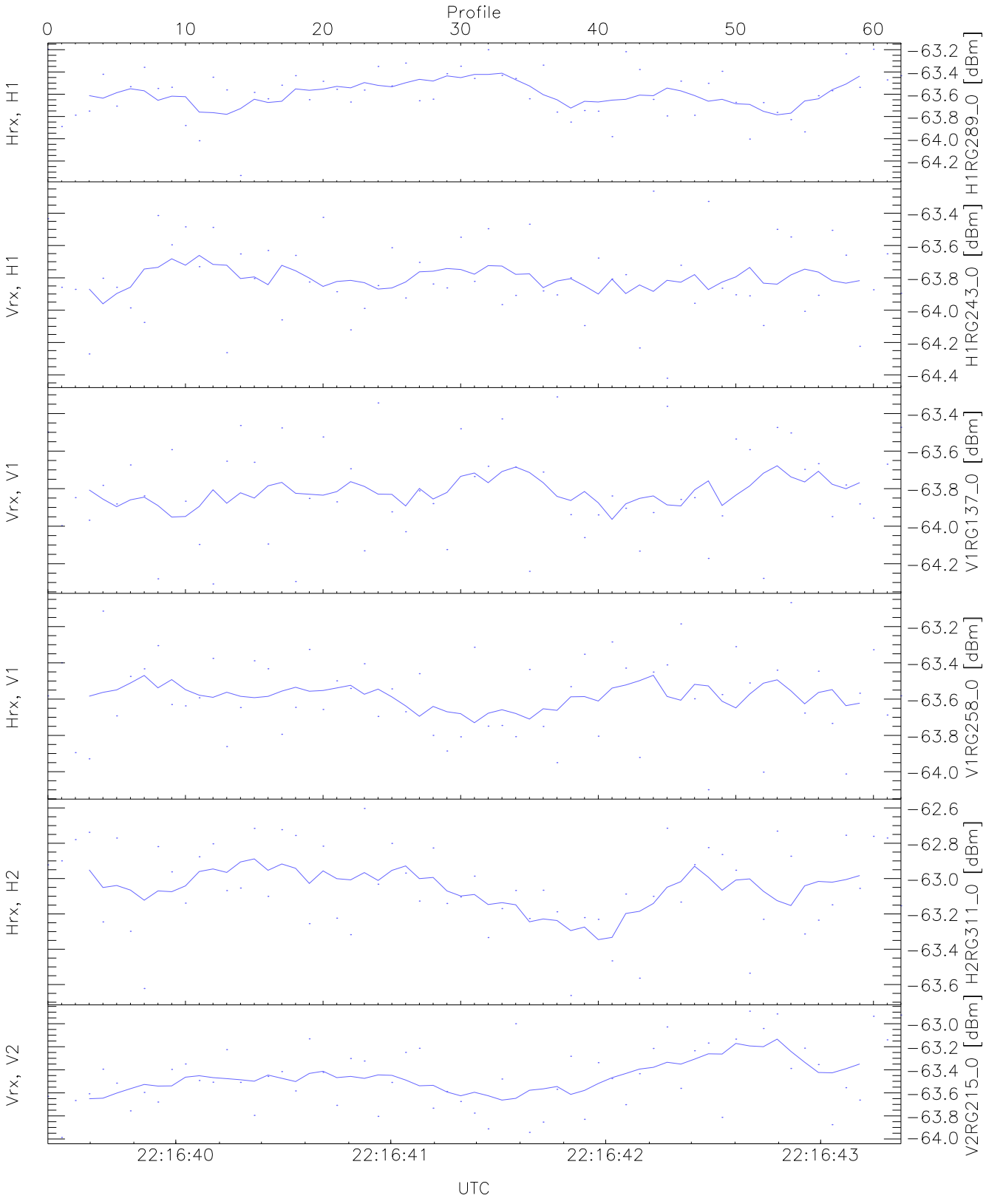
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-63.21	-62.18	-62.59	-62.58	-75.32
Vrx, H1(HL [dBm])	-63.54	-62.25	-63.03	-63.06	-75.25
Vrx, V1(HL [dBm])	-63.84	-62.53	-63.03	-63.06	-75.50
Hrx, V1(HL [dBm])	-63.25	-61.99	-62.61	-62.63	-75.03
Hrx, H2(HL [dBm])	-63.33	-62.27	-62.68	-62.69	-75.53
Vrx, V2(HL [dBm])	-63.63	-62.45	-63.07	-63.05	-75.67



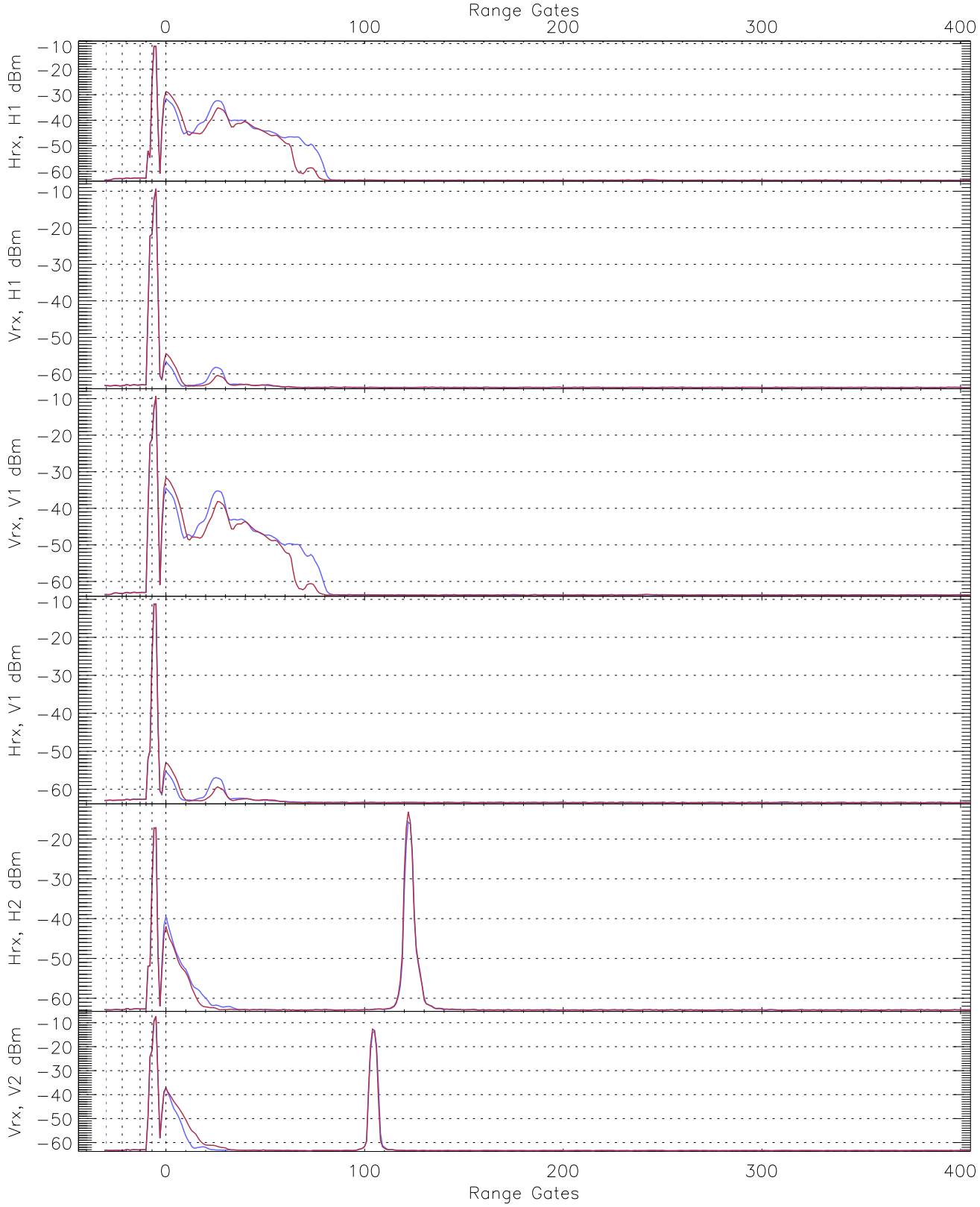
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.20	-62.81	-63.44	-63.46	-76.02
Vrx, H1(RM [dBm])	-63.71	-62.72	-63.19	-63.22	-75.77
Vrx, V1(RM [dBm])	-64.09	-62.92	-63.58	-63.55	-76.24
Hrx, V1(RM [dBm])	-63.52	-62.46	-62.94	-62.93	-75.21
Hrx, H2(RM [dBm])	-63.55	-62.42	-62.91	-62.94	-75.01
Vrx, V2(RM [dBm])	-63.87	-62.63	-63.18	-63.17	-75.22

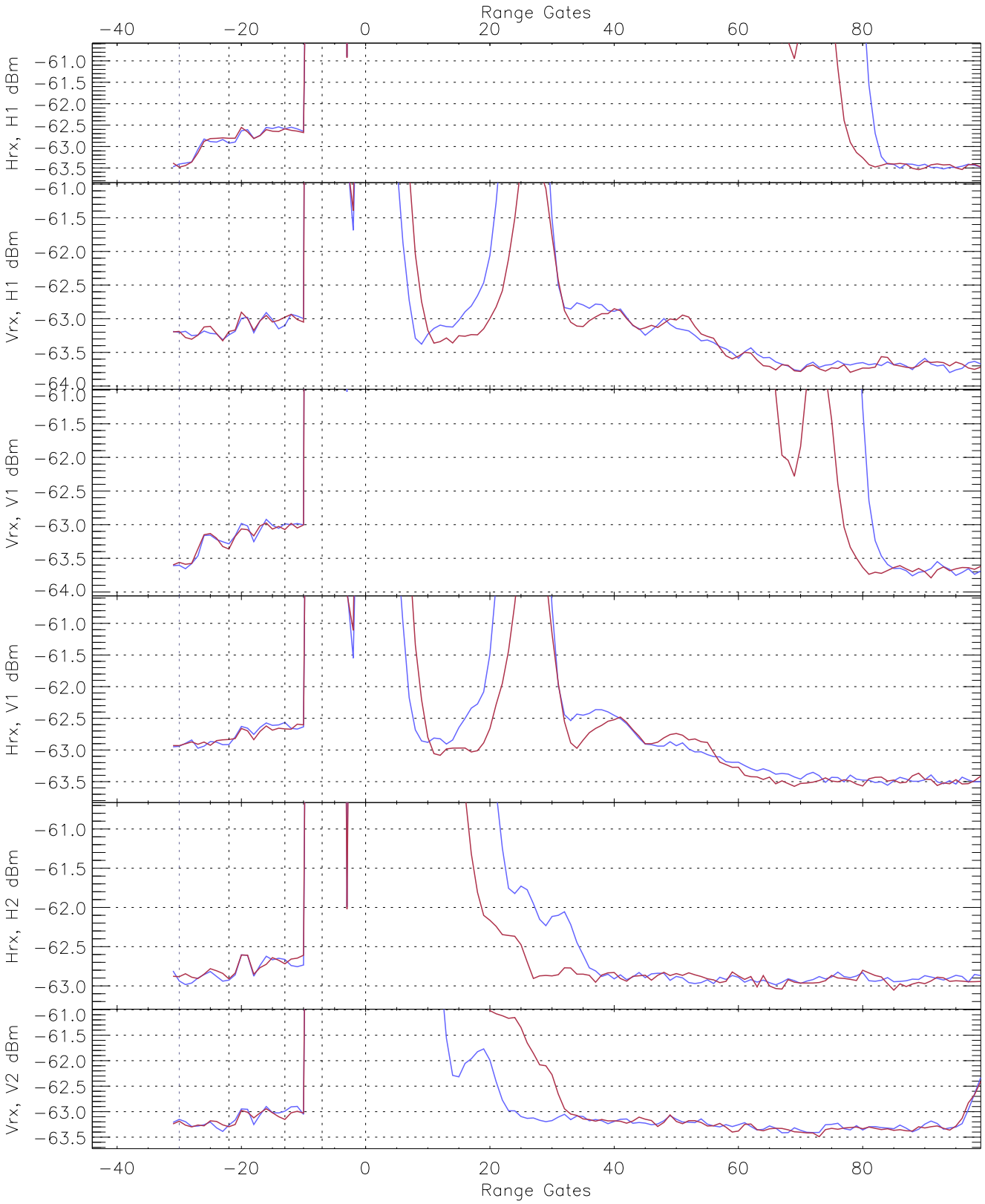


WCR2 CPP "Best" estimate Receivers Noise Power

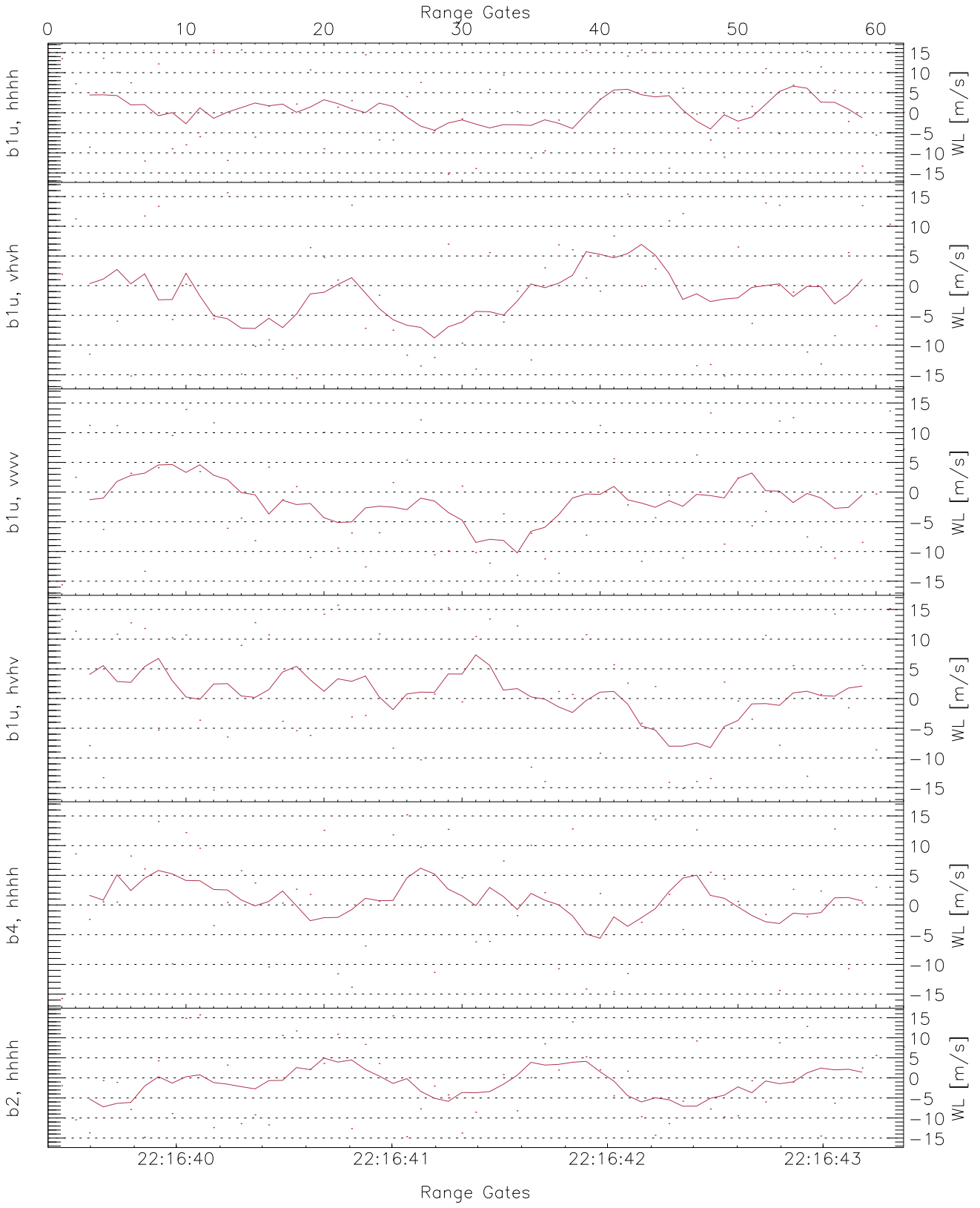
	Min	Max	Mean	Median	StDev
H1RG289_0 [dBm]	-64.33	-63.20	-63.58	-63.56	-76.48
H1RG243_0 [dBm]	-64.42	-63.26	-63.80	-63.84	-76.26
V1RG137_0 [dBm]	-64.31	-63.31	-63.80	-63.85	-76.12
V1RG258_0 [dBm]	-64.10	-63.07	-63.58	-63.58	-76.41
H2RG311_0 [dBm]	-63.66	-62.60	-63.04	-63.07	-75.56
V2RG215_0 [dBm]	-63.99	-62.89	-63.45	-63.48	-75.33



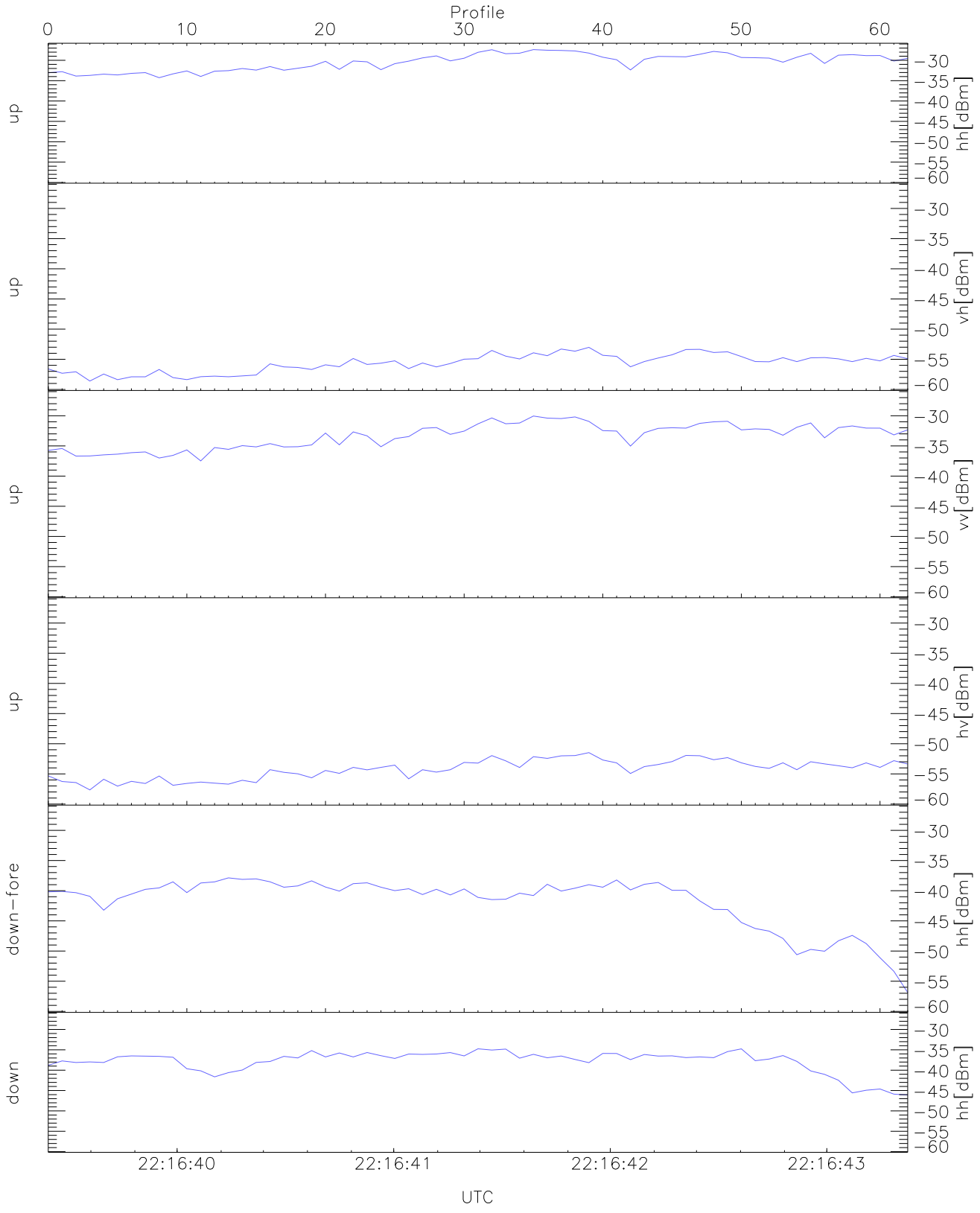
WCR2 CPP Averaged Received power for all recorded gates
blue: 221639-221641, 32 profiles averaged
red: 221641-221643, 32 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 221639-221641, 32 profiles averaged
red: 221641-221643, 32 profiles averaged

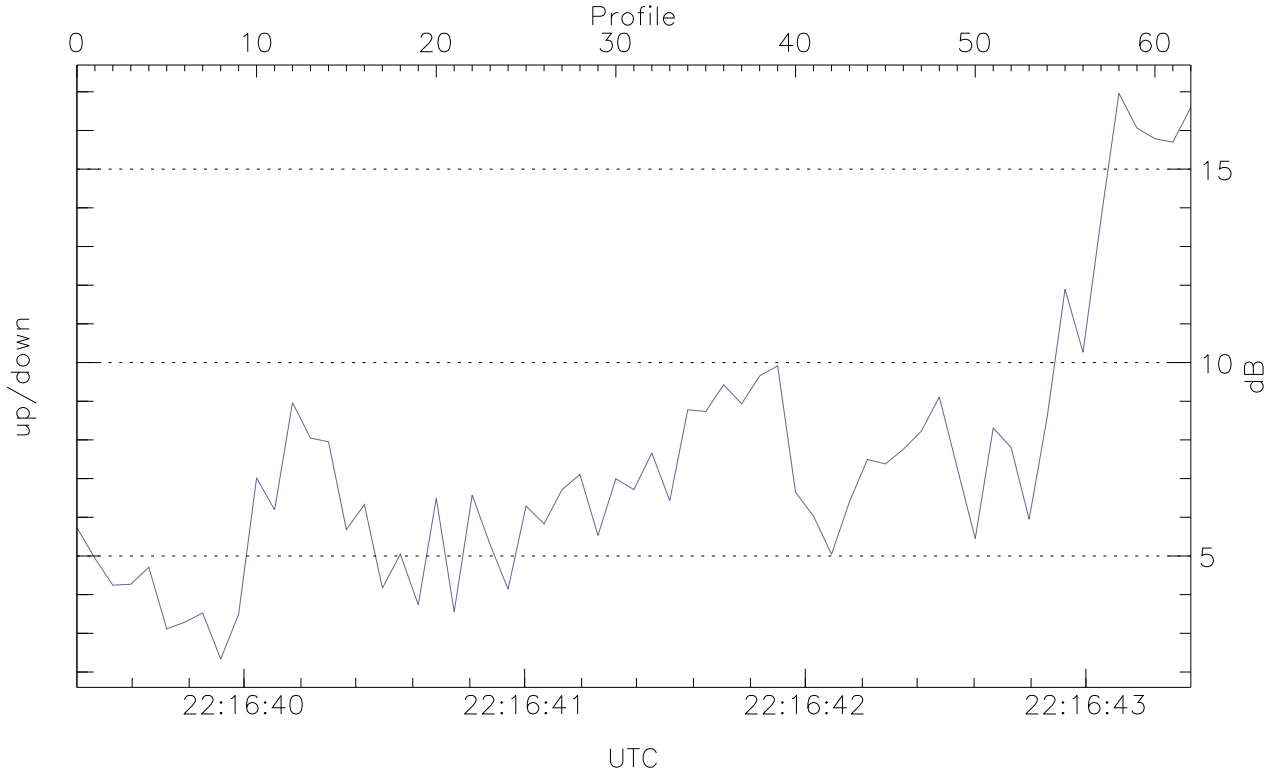


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



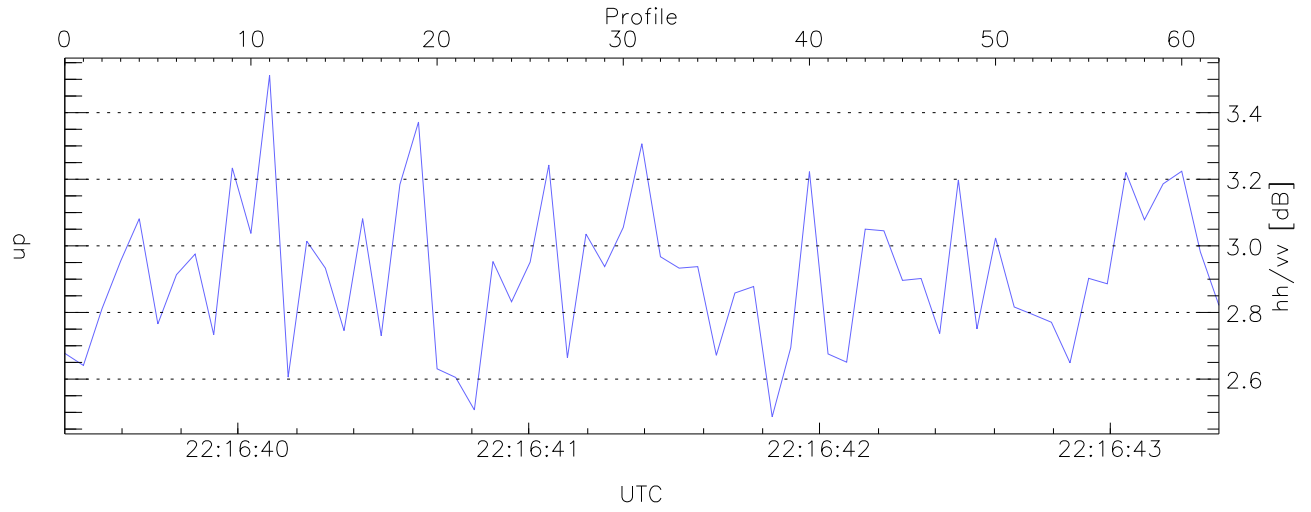
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

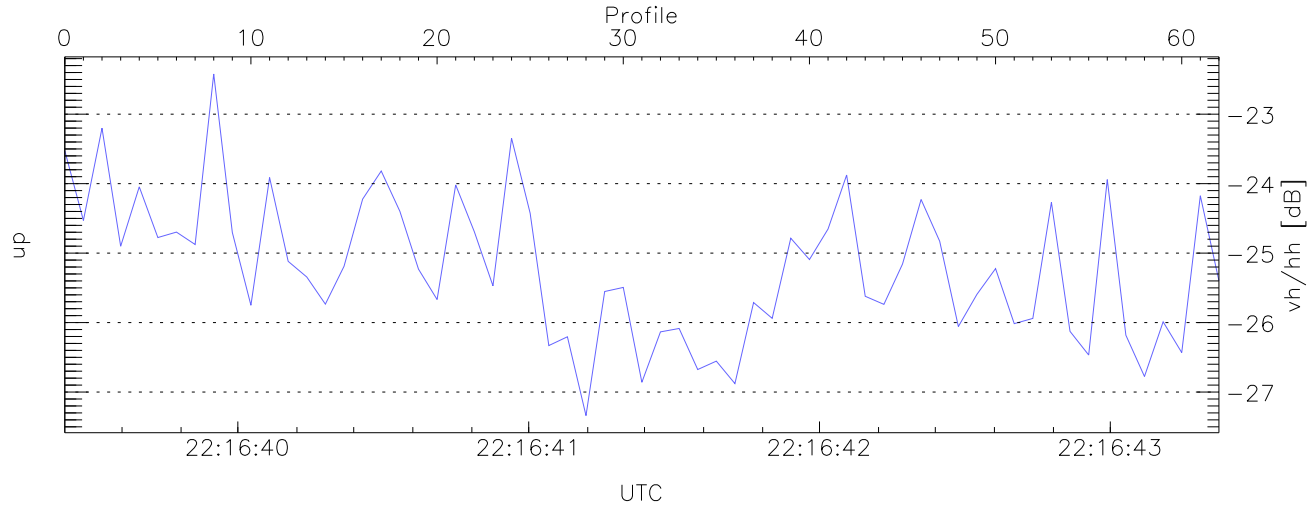
	Min	Max	Mean
up(hh[dBm])	-34.27	-27.37	-30.00
up(vh[dBm])	-58.61	-53.02	-55.41
up(vv[dBm])	-37.48	-30.04	-32.91
up(hv[dBm])	-57.65	-51.47	-53.97
down-fore(hh[dBm])	-56.87	-37.87	-40.58
down(hh[dBm])	-46.10	-34.75	-37.24

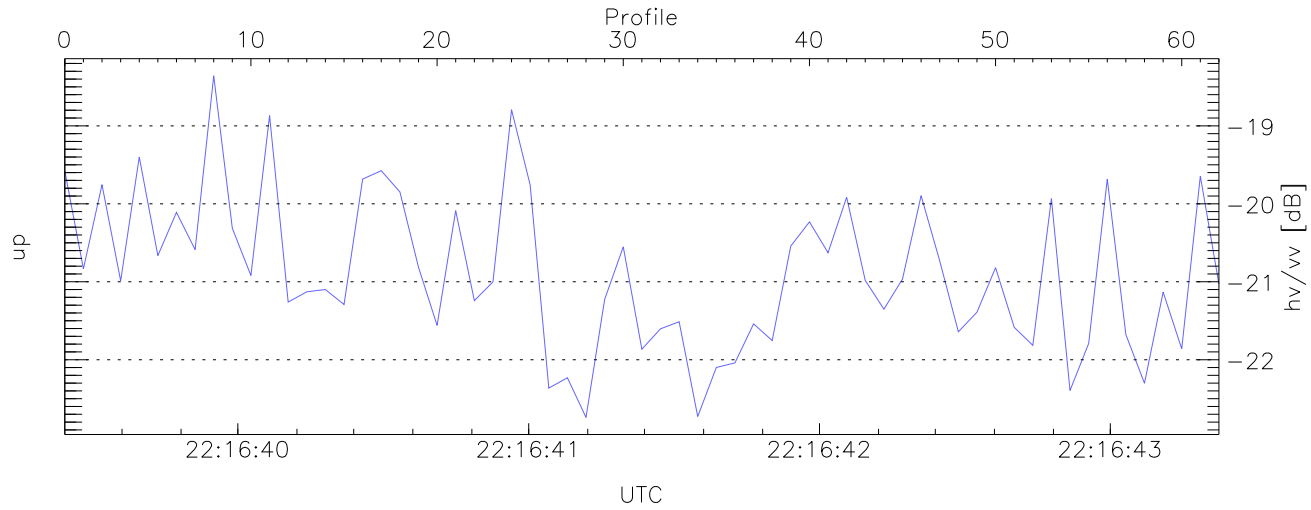


WCR2 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down(dB)	2.33	16.96	7.43
down/down-fore(dB)	-1.79	22.58	7.04

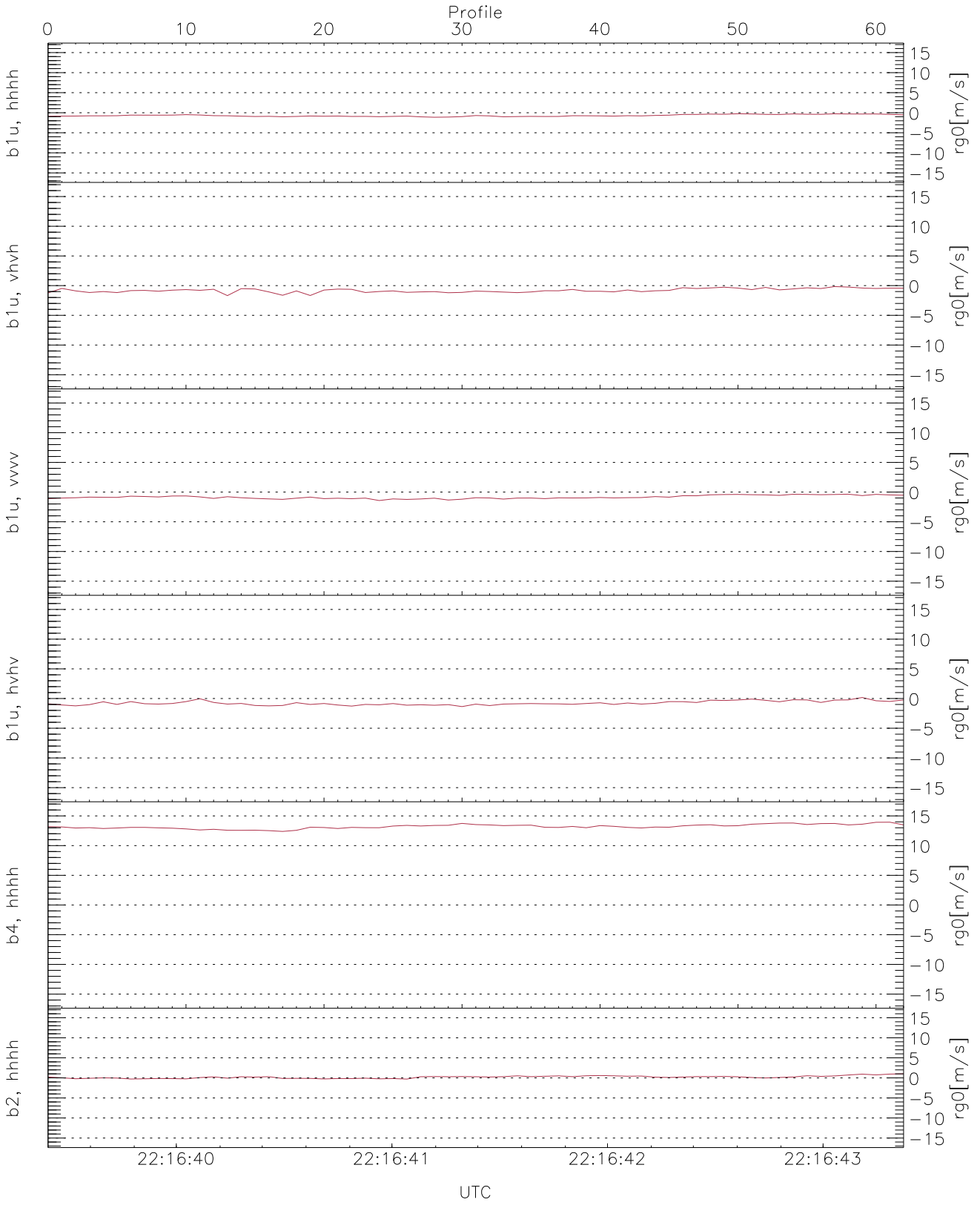






WCR2 Co- and Cross-pol Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up(hh/vv [dB])	2.49	3.51	2.92
up(vh/hh [dB])	-27.34	-22.42	-25.09
up(hv/vv [dB])	-22.74	-18.36	-20.77



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-1.12	-0.25	-0.70	0.24
b1u, vhvh(rg0[m/s])	-1.68	-0.16	-0.81	0.34
b1u, vvvv(rg0[m/s])	-1.43	-0.36	-0.85	0.28
b1u, hvhv(rg0[m/s])	-1.35	0.17	-0.75	0.35
b4, hhhh(rg0[m/s])	12.39	13.94	13.21	0.37
b2, hhhh(rg0[m/s])	-0.30	1.02	0.20	0.32