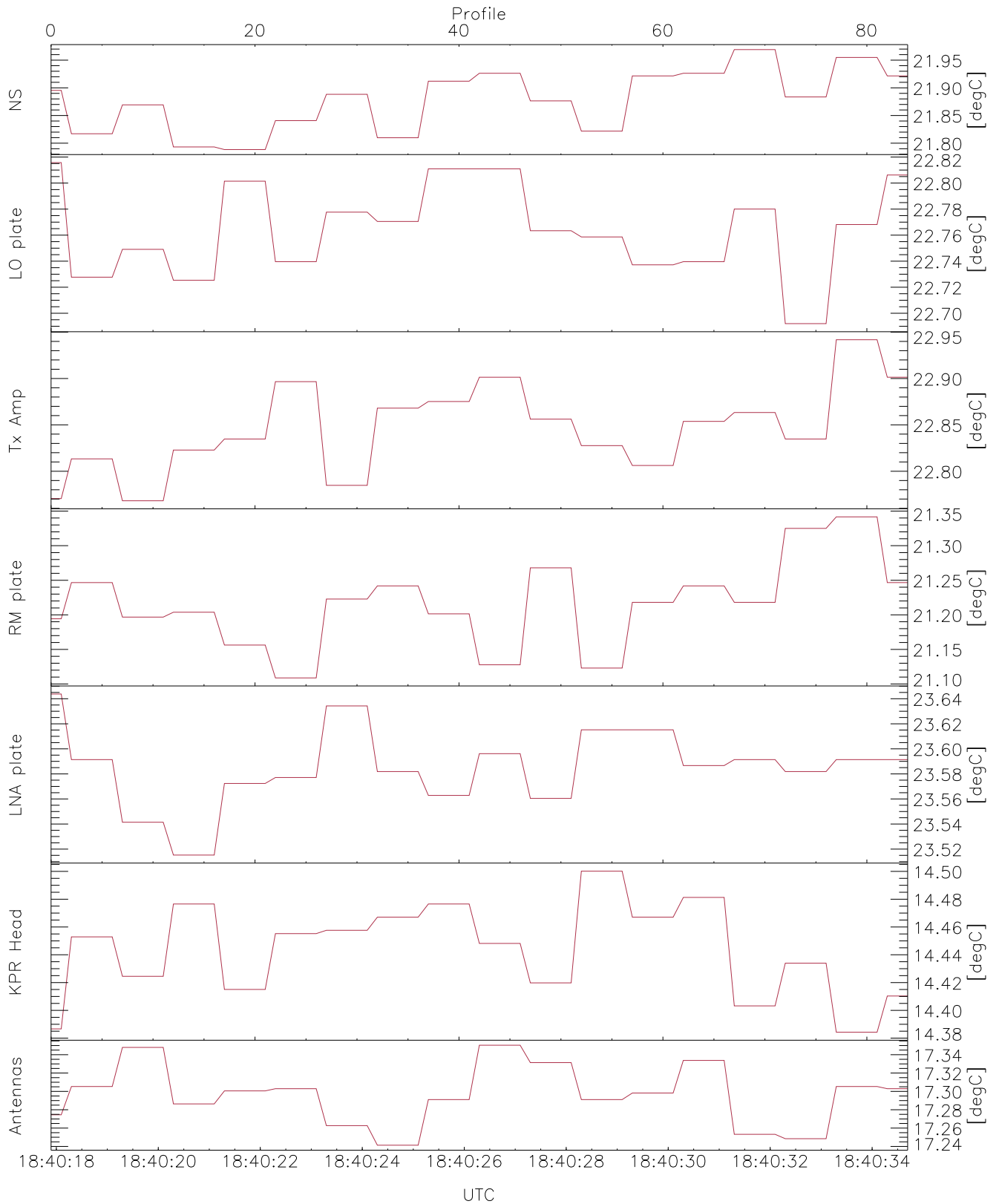


KPR SPP; Ant(s): UP; Radiometer: OFF

UTC: 18:40:18-18:40:35, TimeCor: 0.00s, Dur: 16.80s
 TimeInt(min,max,mn,std): 199.9,200.1,200.0,0.0 ms; PPS: 5.0
 NumRec(r/t): 85/85, 0-84/18:40:18-18:40:35
 AcqTime(req,actual): 200.0,200.0 ms, Data Rate: 95.1 KB/s
 Pulse: 247 ns, Chirp: 2.47 us, DRxIF: 5.0 MHz
 PRF: 20.0 KHz, avgPulses: 4000, avgPP: 3999
 NyquistVel: 42.1 m/s, RangeRes:30.0 m
 Pulse Range(min,max): 120, 6506 m, Gates: 427
 Chirp Range(min,max): 536, 6487 m, Gates: 398
 RangeGateSampling: 15.0 m, Aspect: 0.8

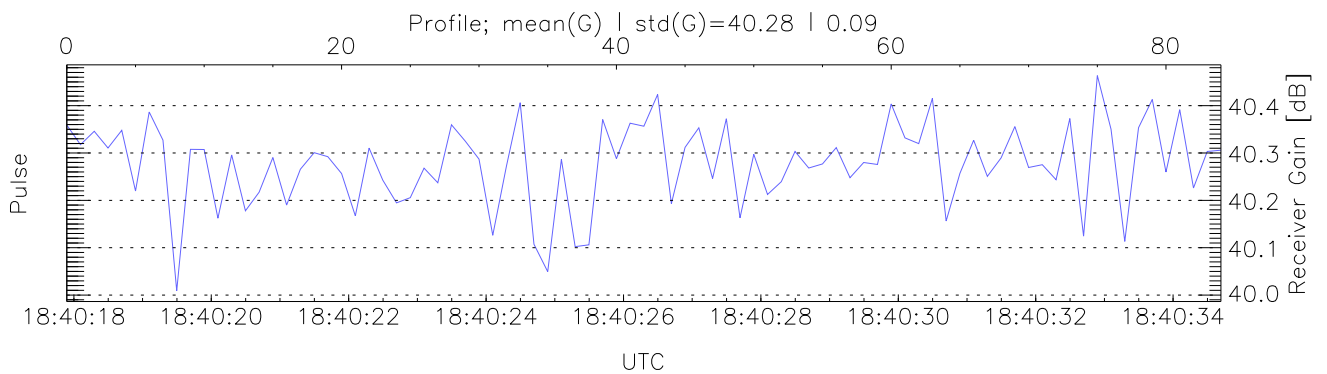
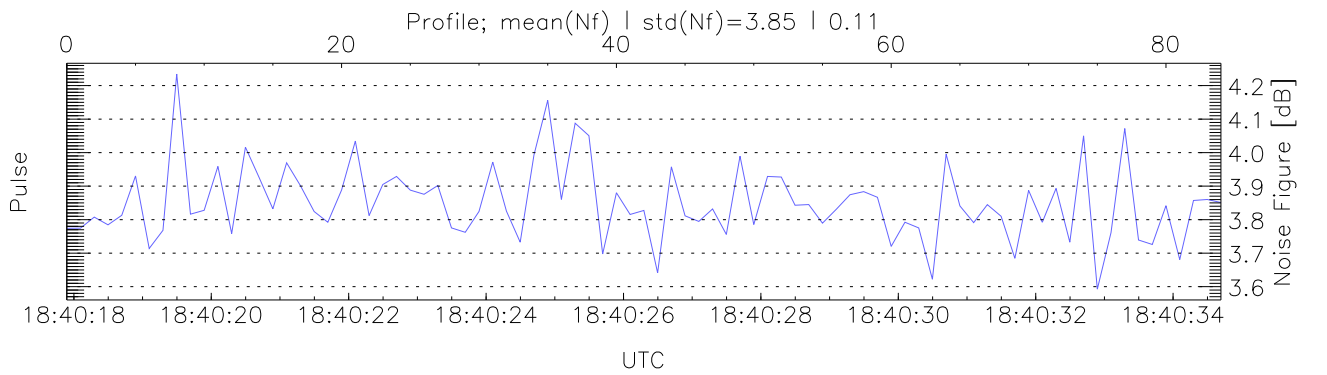
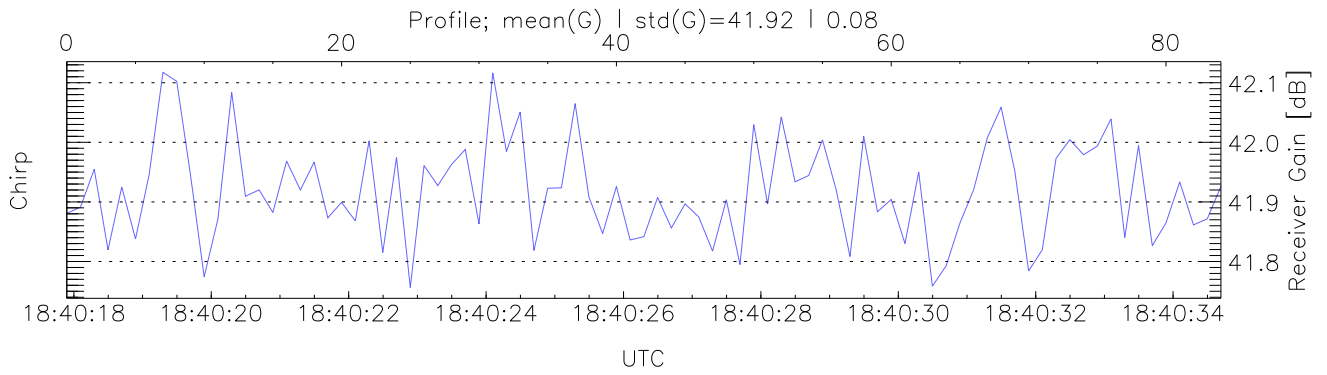
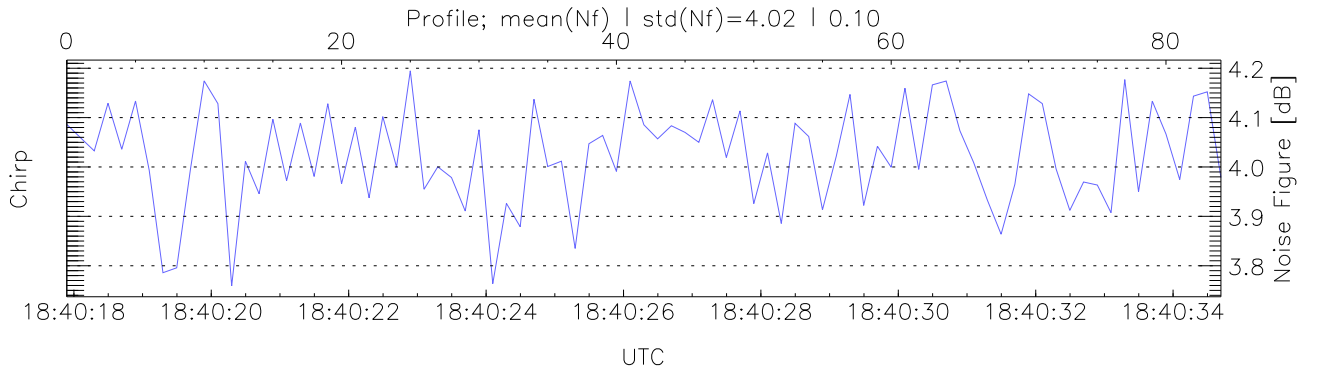


KPR SPP Temperatures, Power Supplies, PLO lock:

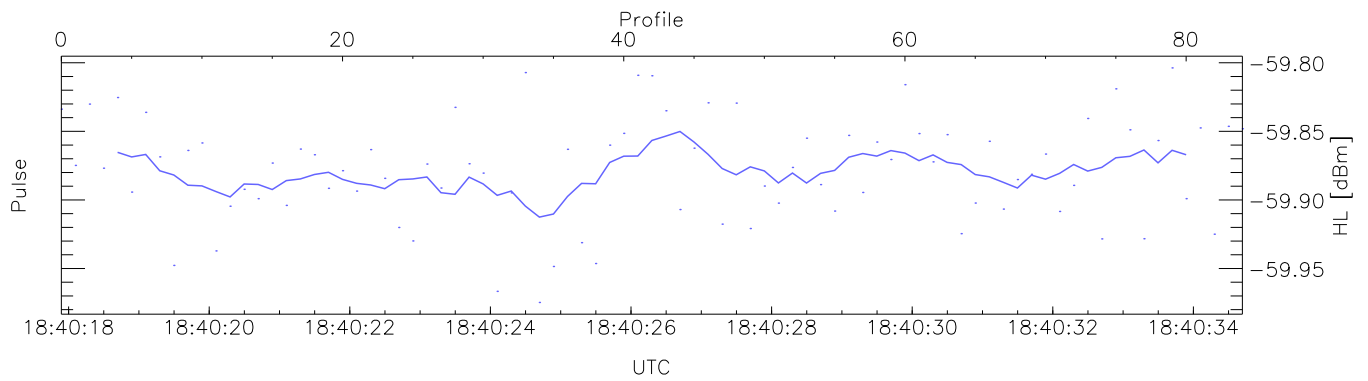
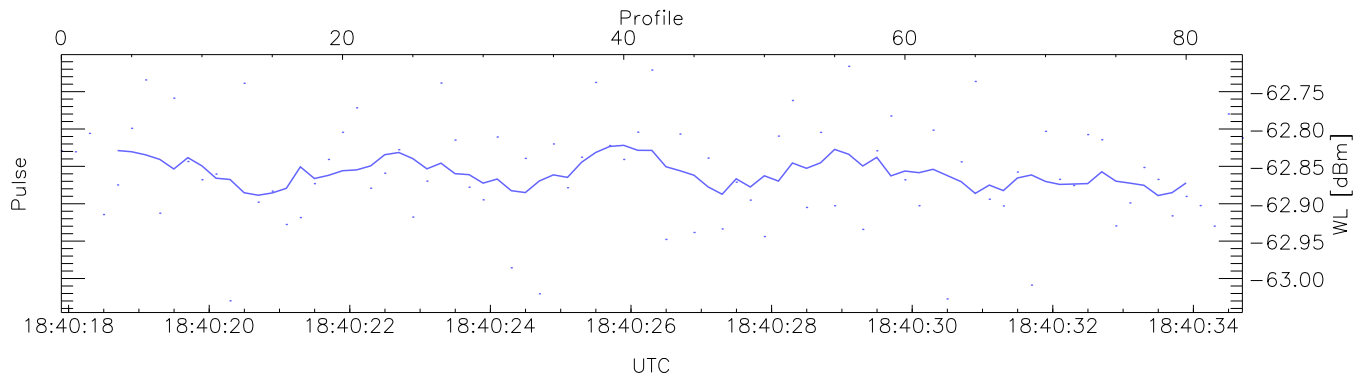
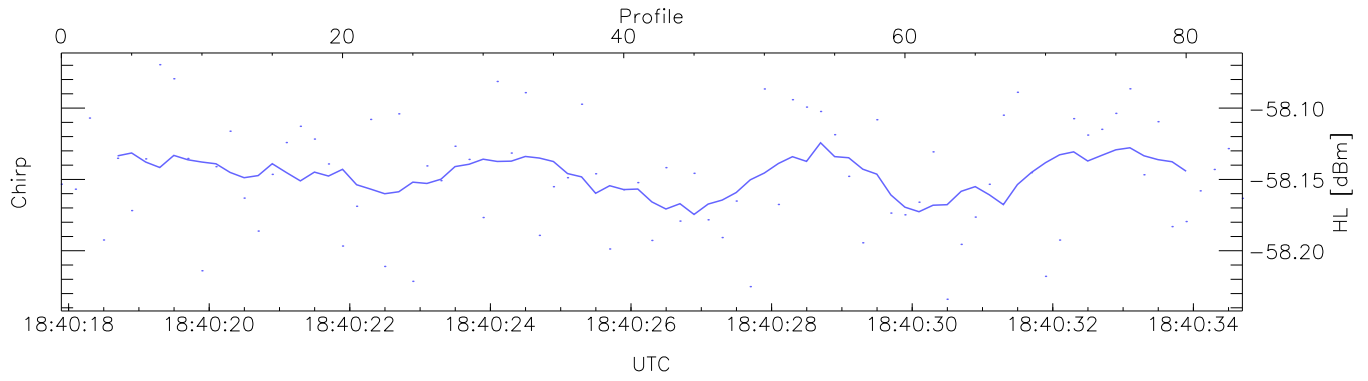
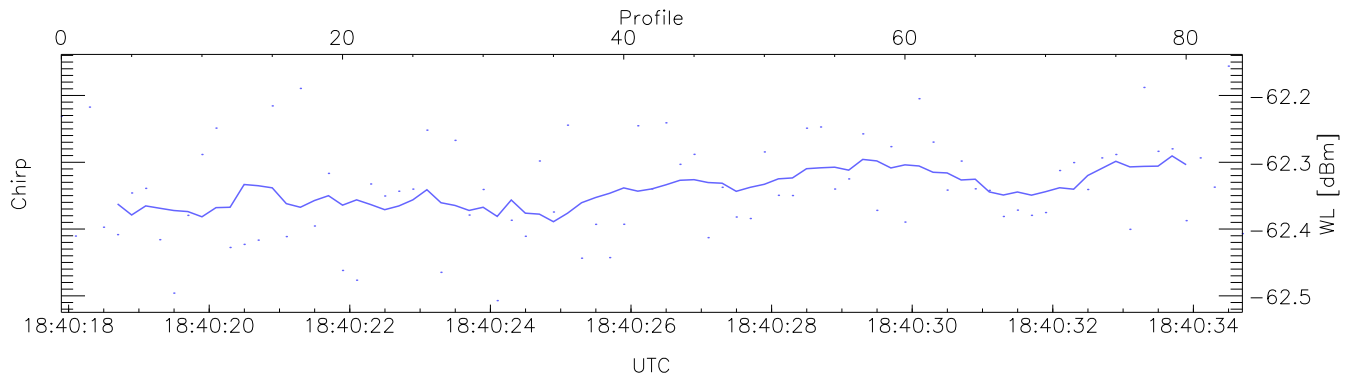
temperature:	NS,	LO,	Tx,	RM,	LNA,	Head,	Ant
mintempC:	21.8,	22.7,	22.8,	21.1,	23.5,	14.4,	17.2
maxtempC:	22.0,	22.8,	22.9,	21.3,	23.6,	14.5,	17.4
meantempC:	21.9,	22.8,	22.8,	21.2,	23.6,	14.4,	17.3

PwrSply:	28,	12,	8,	5 VDC
minVDC:	26.08,	11.69,	7.87,	5.22
maxVDC:	26.45,	11.72,	7.89,	5.23
meanVDC:	26.21,	11.70,	7.88,	5.22

PLO(3.84,15.84 GHz) unlocked: None

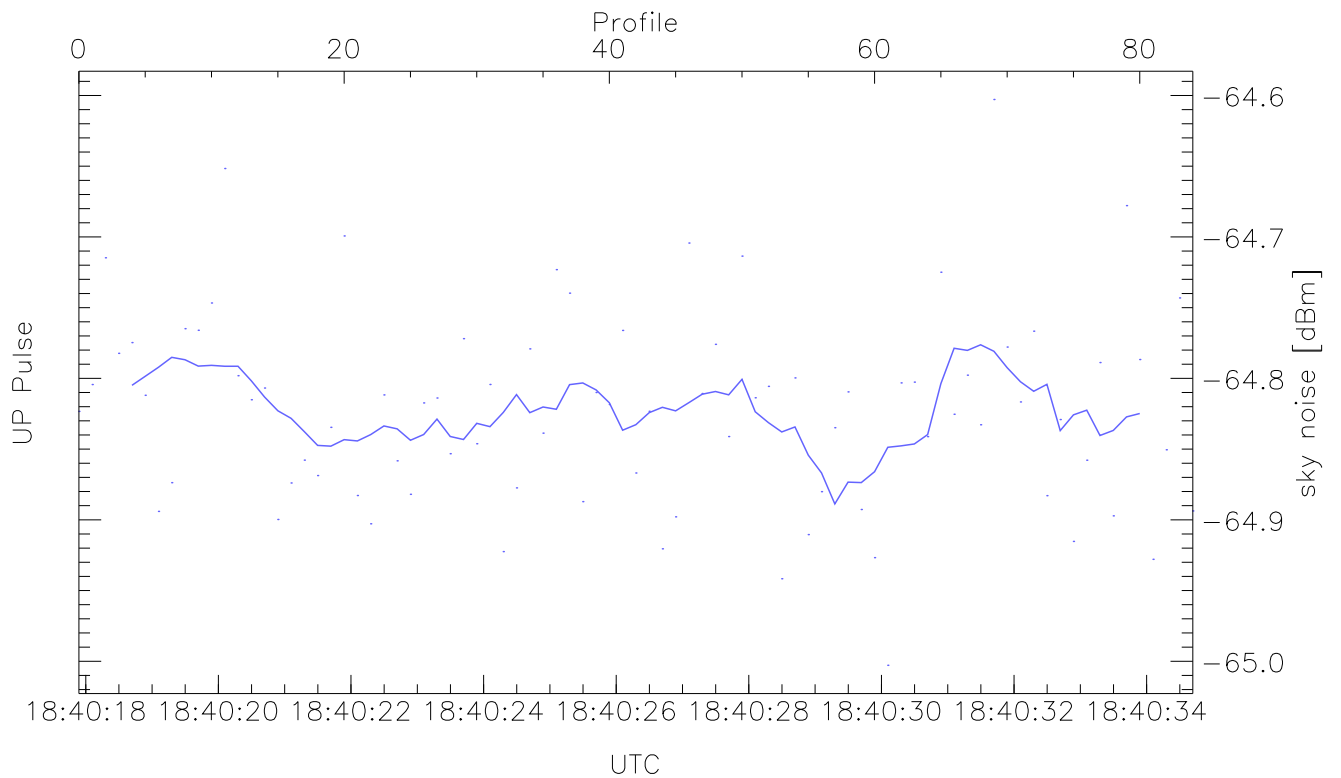
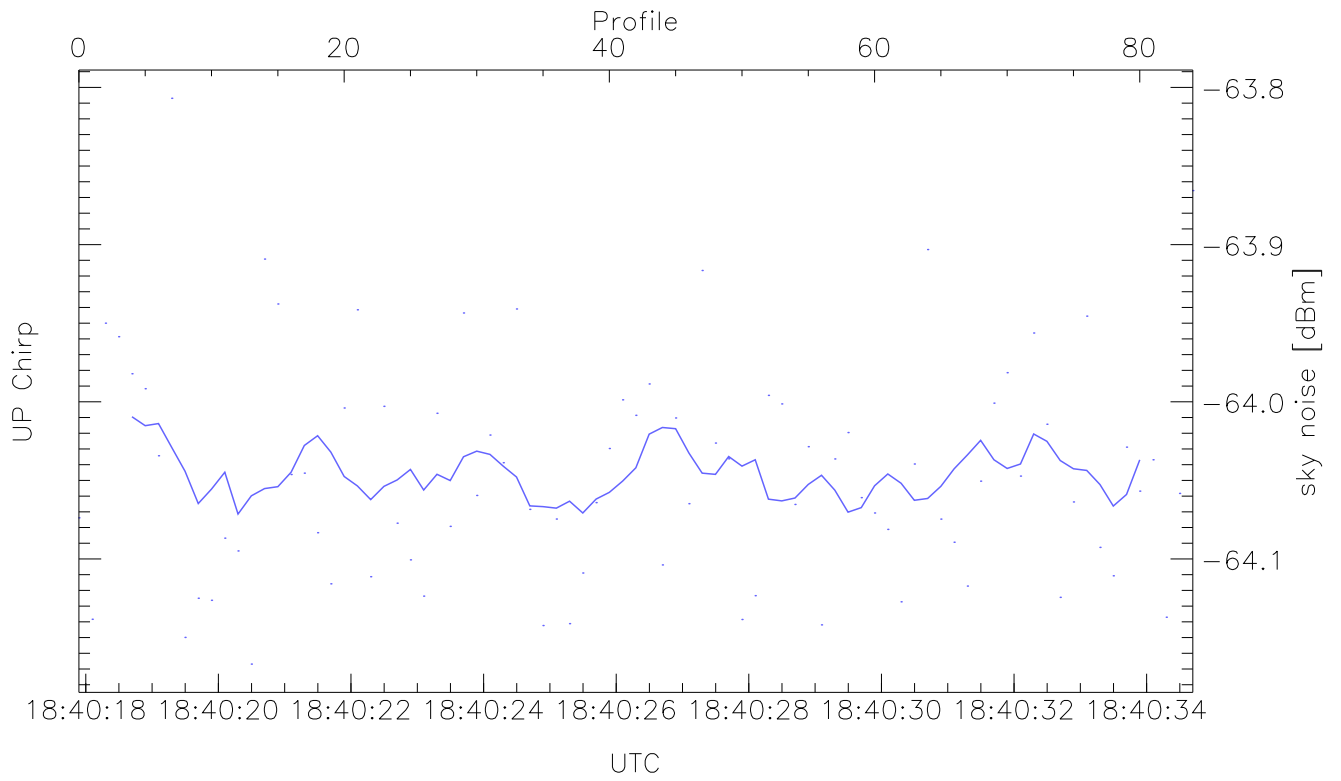


KPR SPP Receiver Gain and Noise Figure



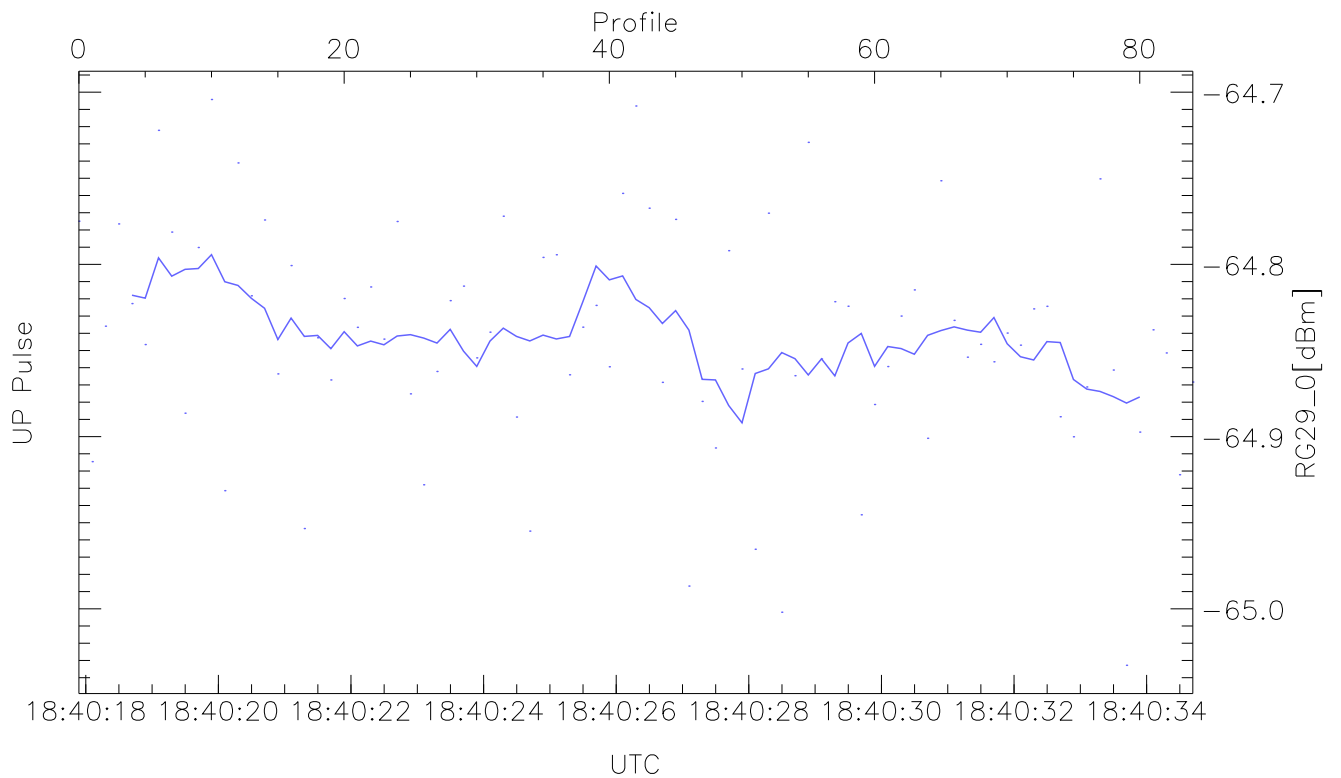
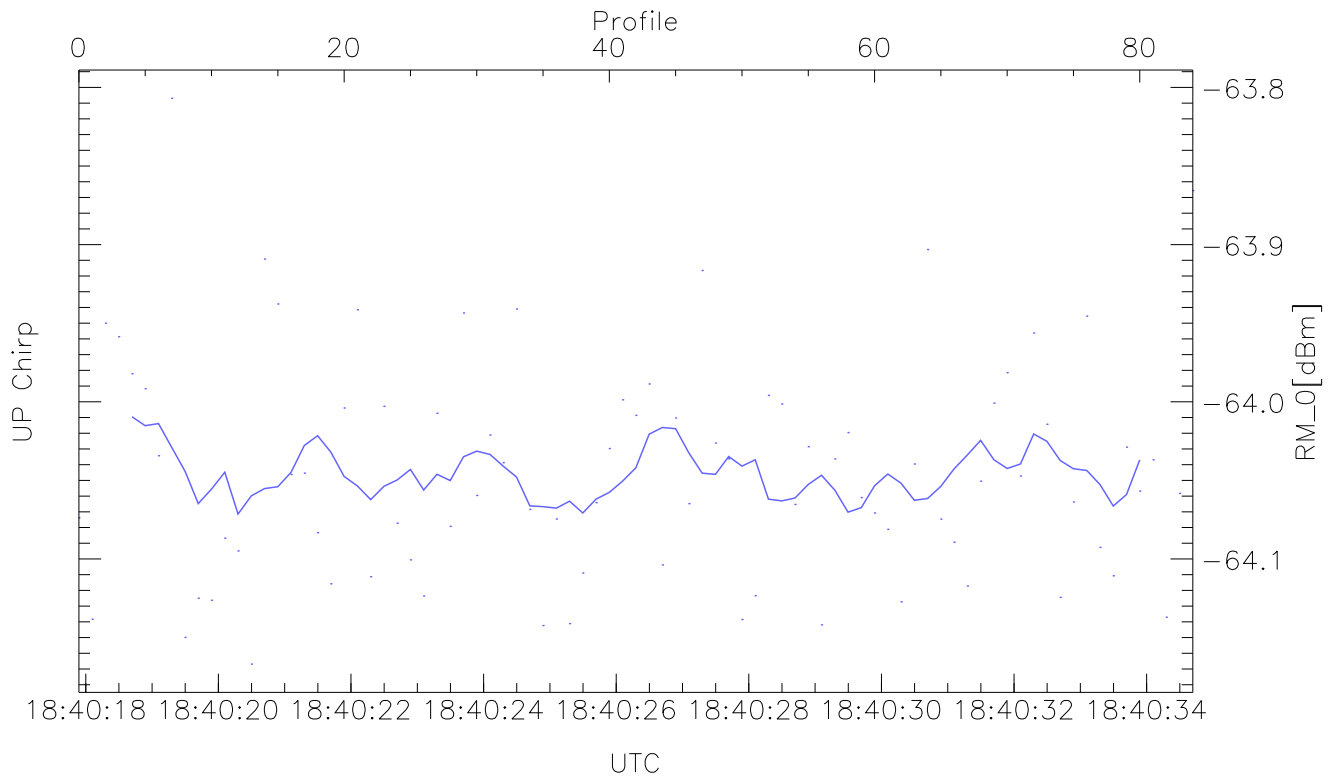
KPR SPP Receiver Noise Source Warm and Hot Measurements

	Min	Max	Mean	Median	StDev
Chirp(WL [dBm])	-62.51	-62.16	-62.34	-62.34	-80.01
Chirp(HL [dBm])	-58.23	-58.07	-58.15	-58.15	-78.70
Pulse(WL [dBm])	-63.03	-62.72	-62.86	-62.86	-80.85
Pulse(HL [dBm])	-59.97	-59.80	-59.88	-59.87	-80.49



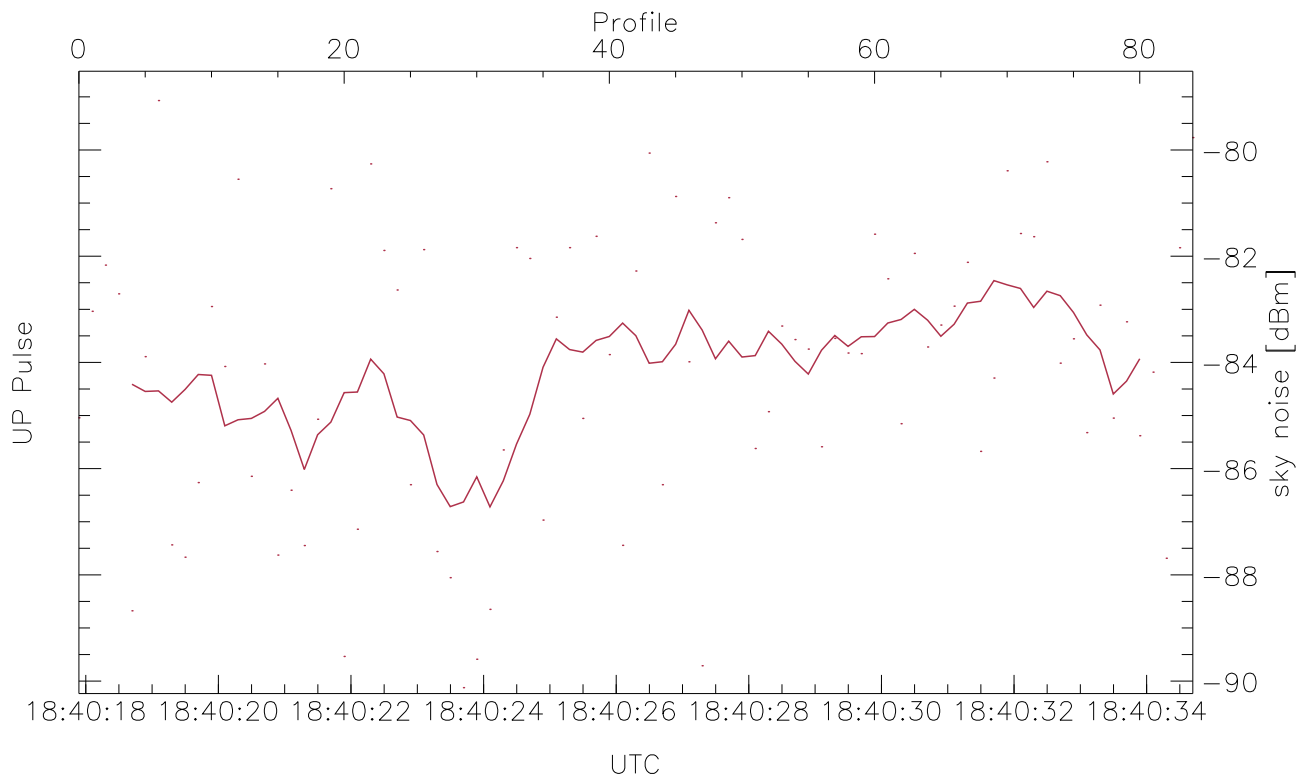
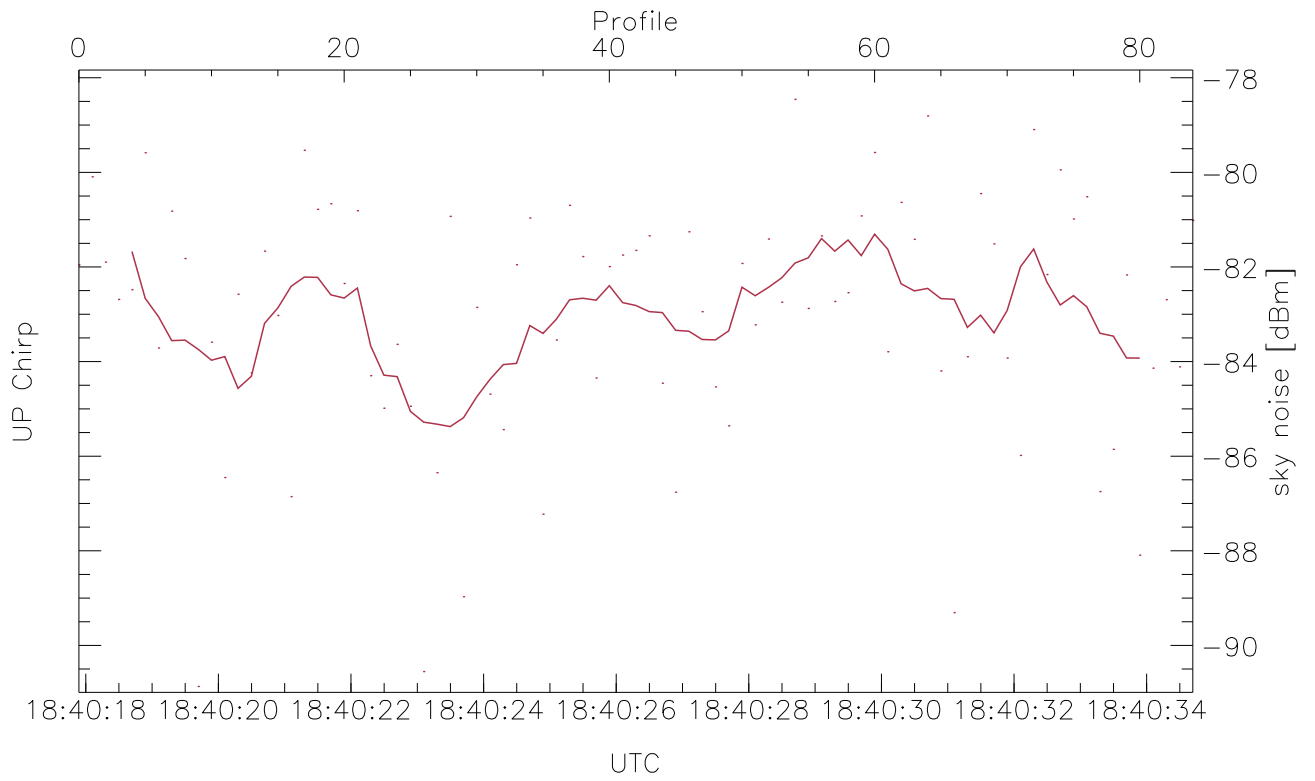
KPR SPP Last range gate power measurements: assumed RM(sky) noise

	Min	Max	Mean	Median	StDev
UP Chirp(dBm)	-64.17	-63.81	-64.04	-64.05	-81.91
UP Pulse(dBm)	-65.00	-64.60	-64.82	-64.82	-82.80



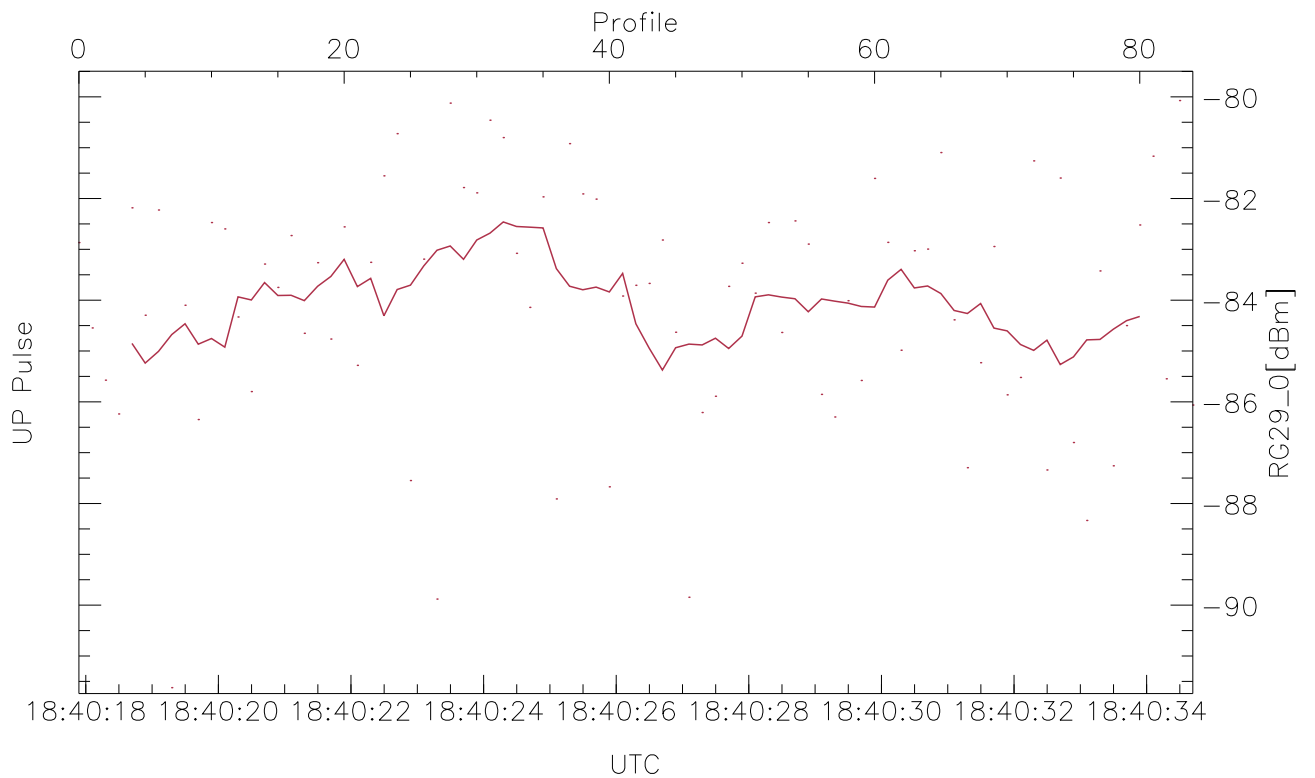
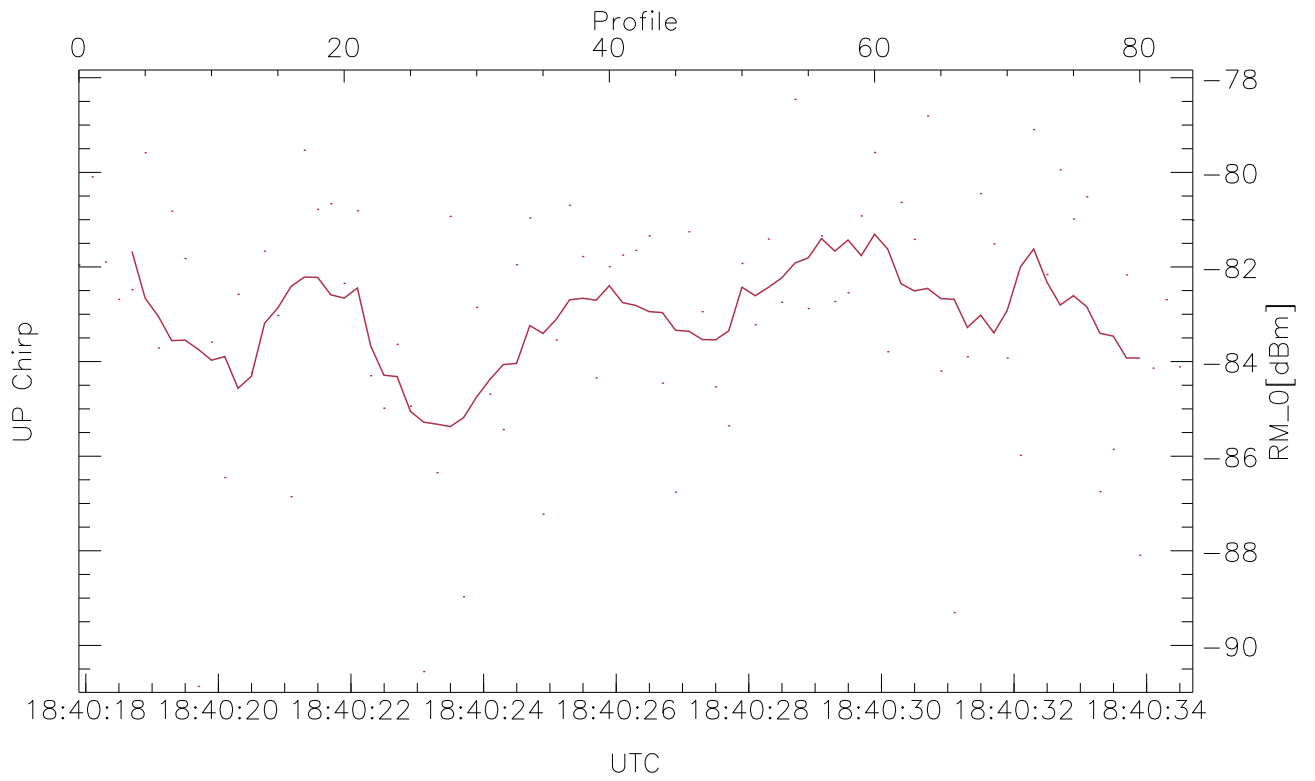
KPR SPP "Best" noise power measurements (dBm):

	Min	Max	Mean	Median	StDev
UP_C_RM_0	-64.17	-63.81	-64.04	-64.05	-81.91
UP_P_RG29_0	-65.03	-64.70	-64.84	-64.84	-83.16



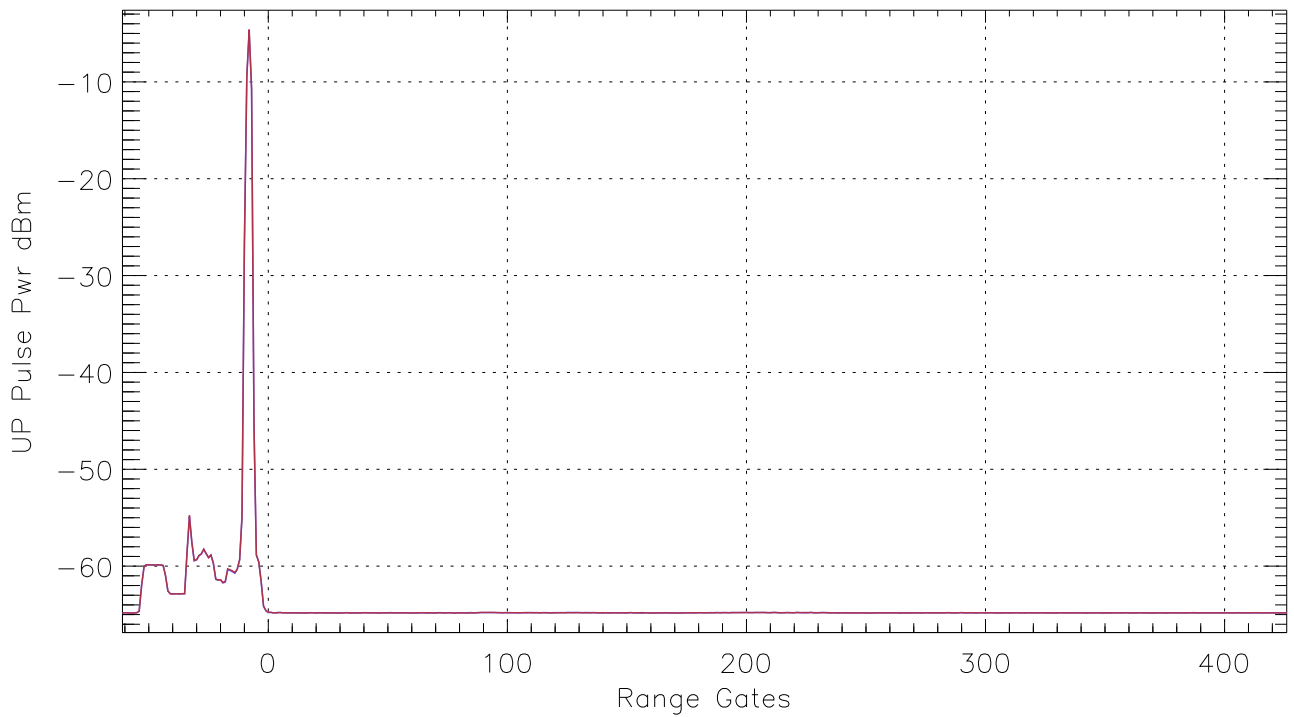
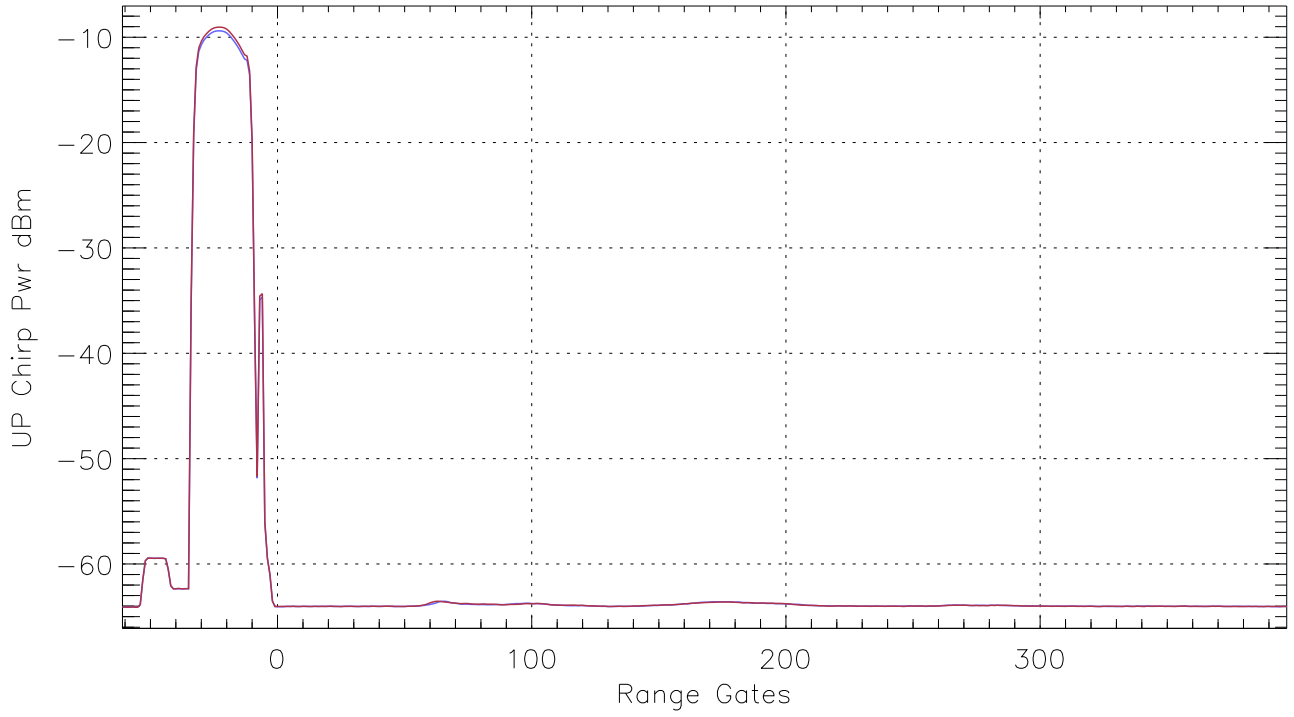
KPR SPP Last range gate PPMAG: assumed RM(sky) noise

	Min	Max	Mean	Median	StDev
UP Chirp(dBm)	-90.87	-78.46	-82.39	-82.58	-85.44
UP Pulse(dBm)	-90.12	-79.07	-83.40	-83.82	-86.03

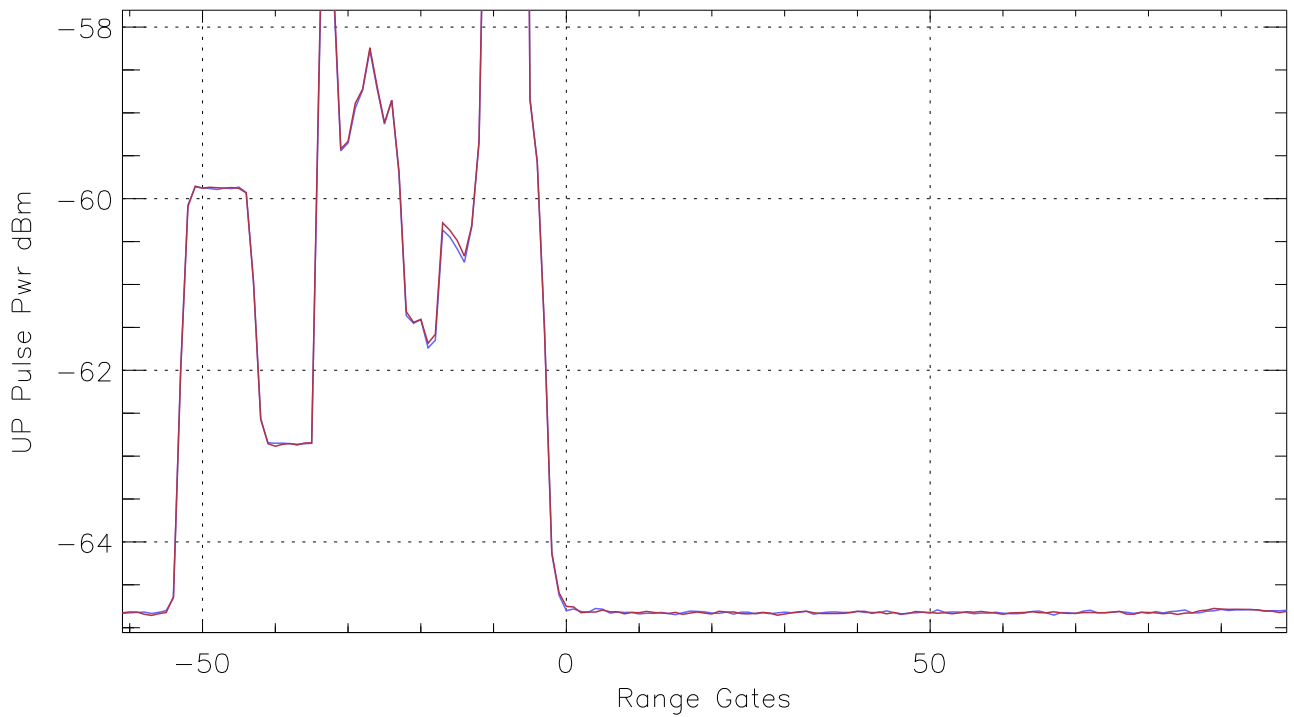
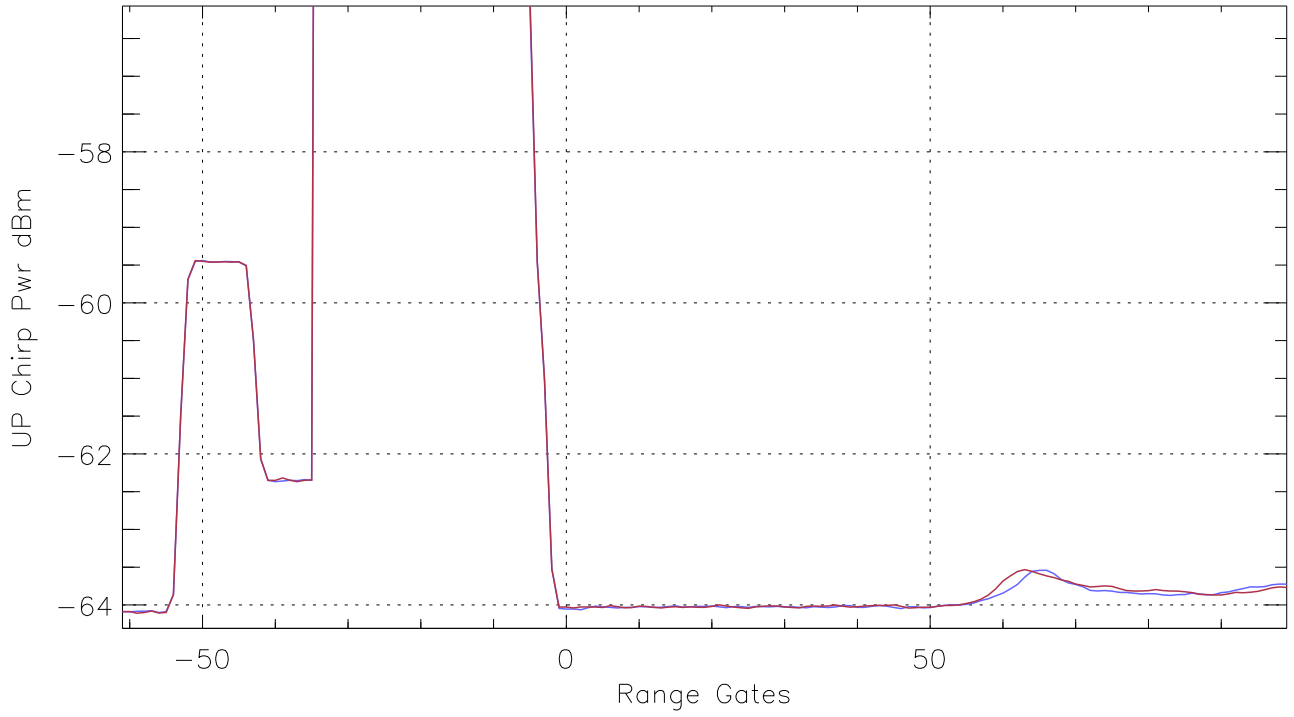


KPR SPP "Best" PPMAG noise (dBm):

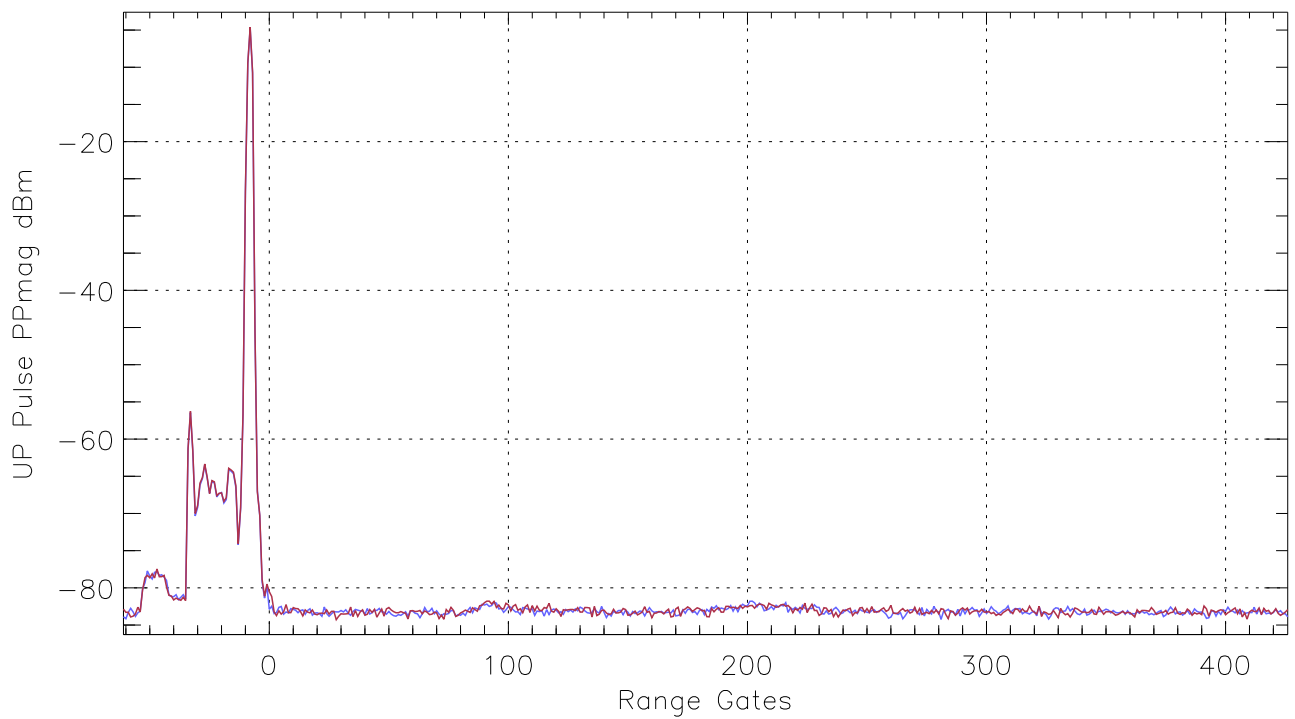
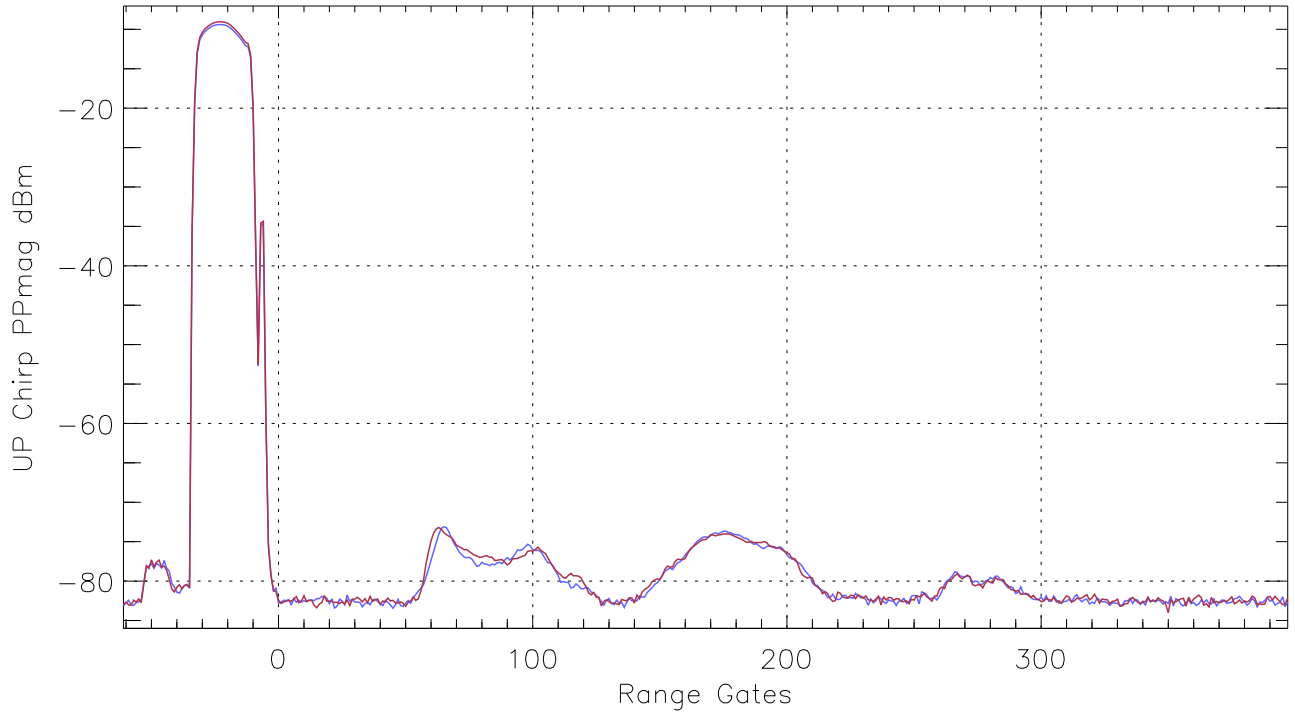
	Min	Max	Mean	Median	StDev
UP_C_RM_0	-90.87	-78.46	-82.39	-82.58	-85.44
UP_P_RG29_0	-91.62	-80.07	-83.53	-83.73	-86.84



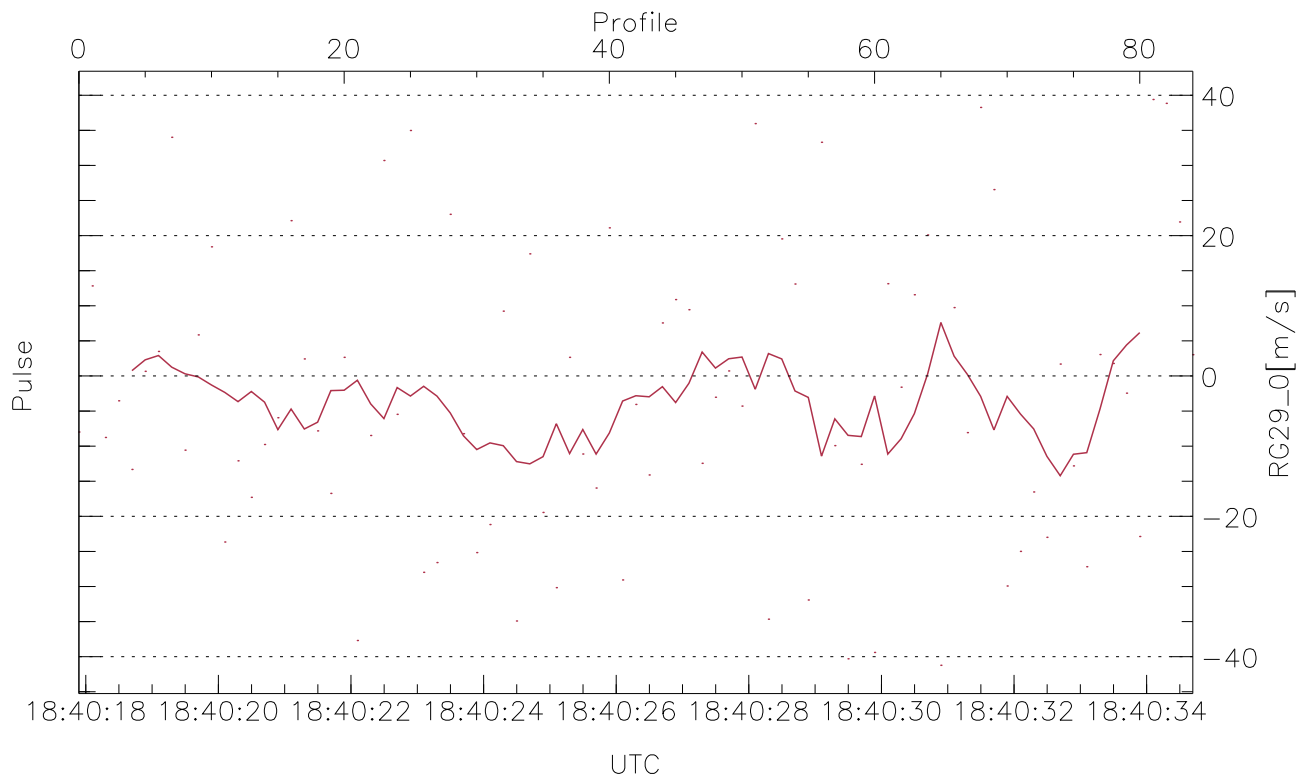
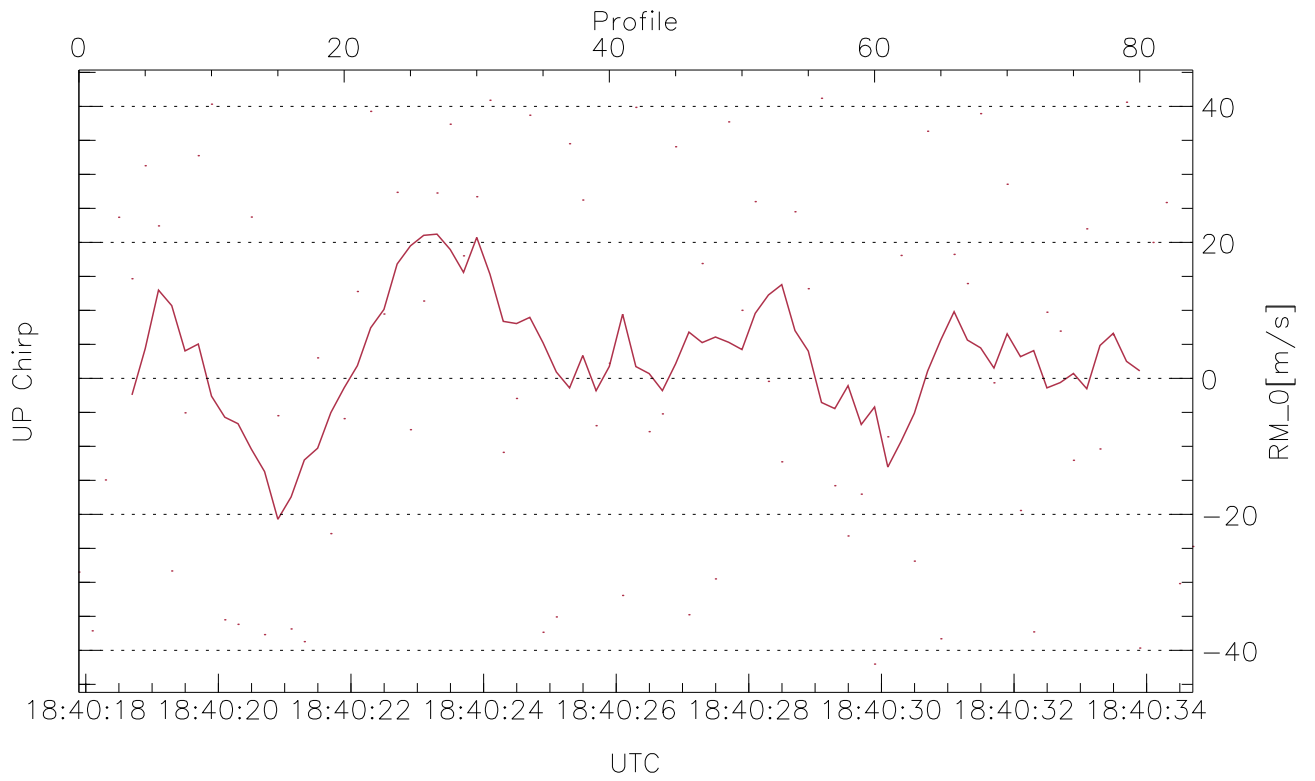
KPR SPP Averaged Received power for all recorded gates
blue: 184018-184026, 43 profiles averaged
red: 184026-184035, 43 profiles averaged



KPR SPP Averaged Power for neg. gates & up to 100 gates
blue: 184018-184026, 43 profiles averaged
red: 184026-184035, 43 profiles averaged

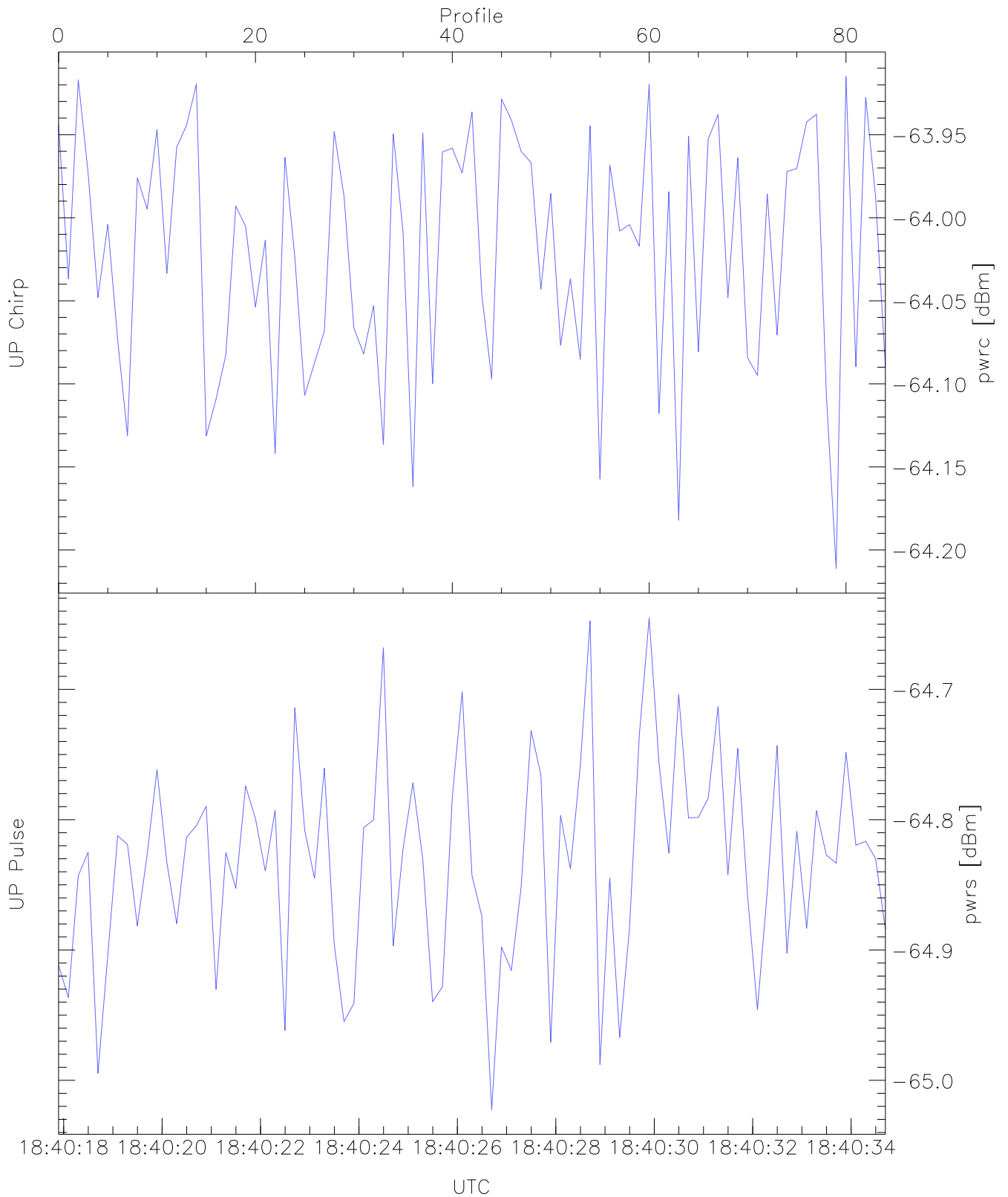


KPR SPP Averaged PP magnitude for all recorded gates
blue: 184018-184026, 43 profiles averaged
red: 184026-184035, 43 profiles averaged



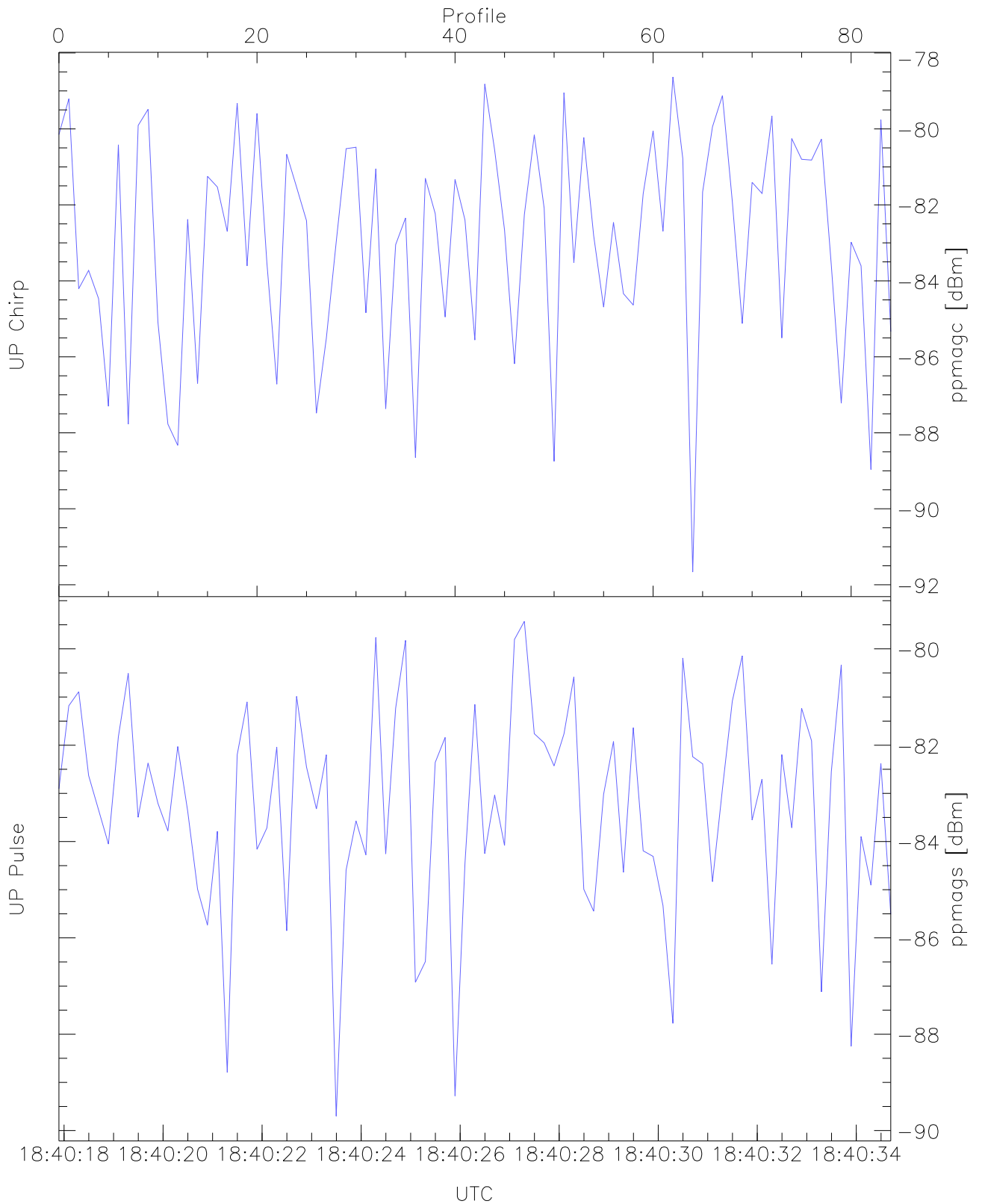
KPR SPP "Best" PPVEL noise (m/s):

	Min	Max	Mean	Median	StDev
UP_C_RM_0	-42.02	41.18	2.01	3.01	26.29
UP_P_RG29_0	-41.22	39.39	-3.00	-4.29	20.61



KPR SPP Received Power for Chirp Range gate 10 (686.2 m)
 KPR SPP Received Power for Pulse Range gate 10 (270.7 m)

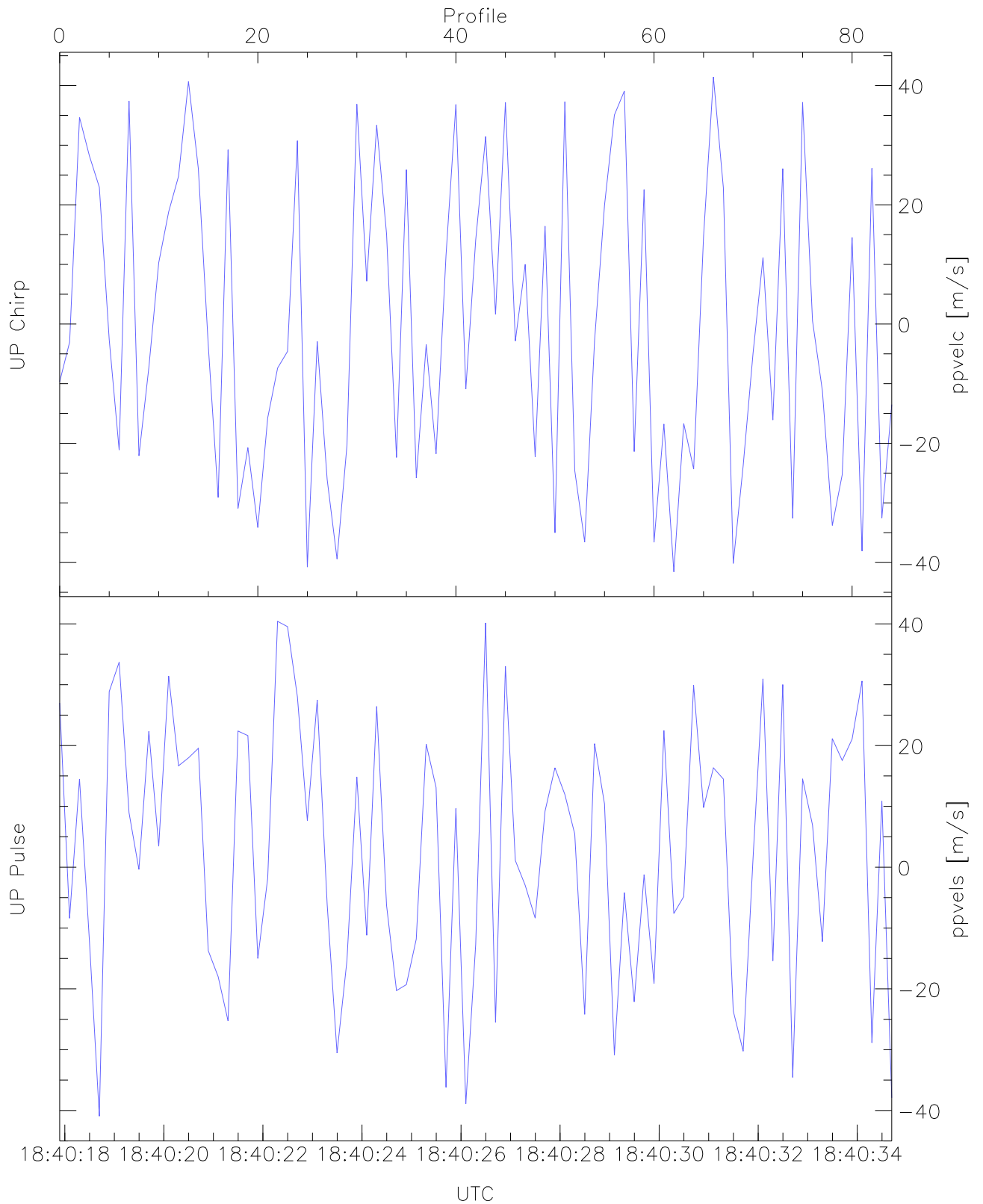
	Min	Max	Mean
UP Chirp(dBm)	-64.21	-63.92	-64.02
UP Pulse(dBm)	-65.02	-64.65	-64.83



KPR SPP PPMAG for Chirp Range gate 10 (686.2 m)

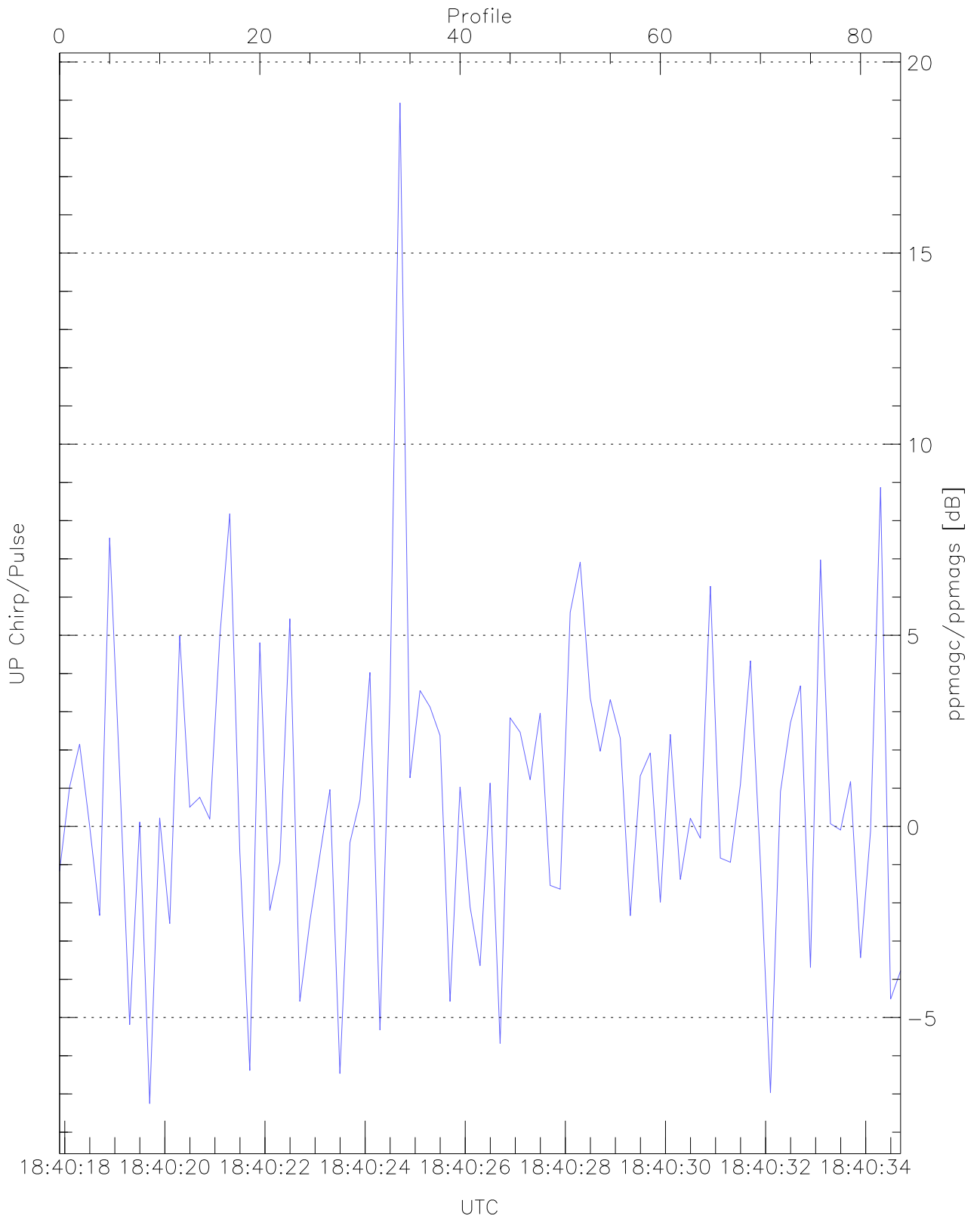
KPR SPP PPMAG for Pulse Range gate 10 (270.7 m)

	Min	Max	Mean
UP Chirp(dBm)	-91.66	-78.63	-82.14
UP Pulse(dBm)	-89.70	-79.43	-82.79



KPR SPP PPVEL for Chirp Range gate 10 (686.2 m)
 KPR SPP PPVEL for Pulse Range gate 10 (270.7 m)

	Min	Max	Mean
UP Chirp(m/s)	-41.57	41.43	-0.58
UP Pulse(m/s)	-40.93	40.42	2.87



KPR SPP PPMAG Chirp/Pulse; Range gate: 551.3m /570.5m

	Min	Max	Mean
UP Chirp/Pulse(dBm)	-7.25	18.93	3.90