Calibration pipeline report

Observation summary

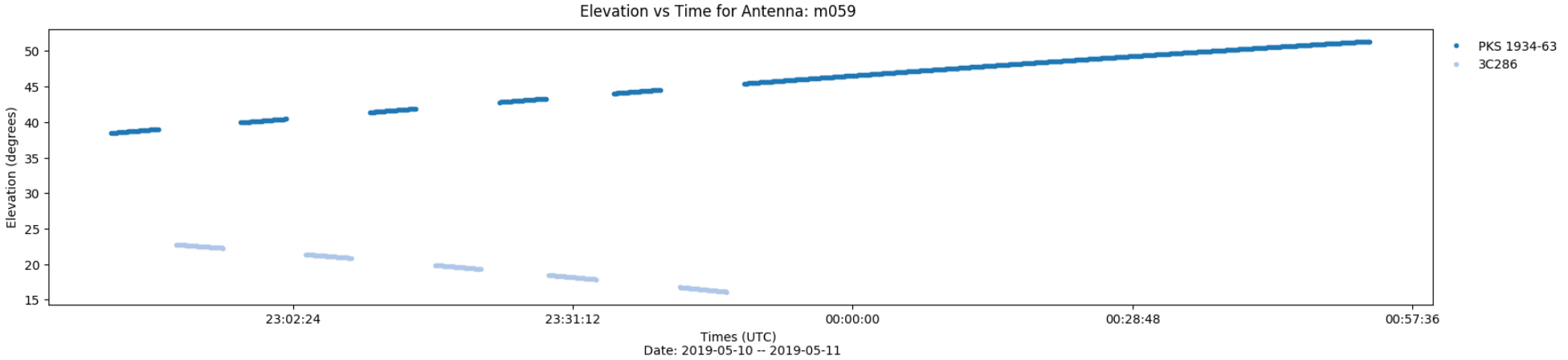
Capture block: 1557528200

Stream: sdp_l0

- Start time: 2019-05-10 22:43:21
- Int time: 7.996616972
- Channels: 4096
- Antennas: 60
- Antenna list: m000, m001, m002, m003, m004, m005, m006, m007, m008, m009, m010, m011, m012, m013, m015, m016, m018, m019, m020, m021, m022, m023, m025, m026, m027, m028, m029, m030, m031, m033, m034, m035, m036, m037, m038, m039, m040, m041, m042, m043, m044, m045, m046, m047, m048, m049, m050, m051, m052, m053, m054, m055, m056, m057, m058, m059, m060, m061, m062, m063

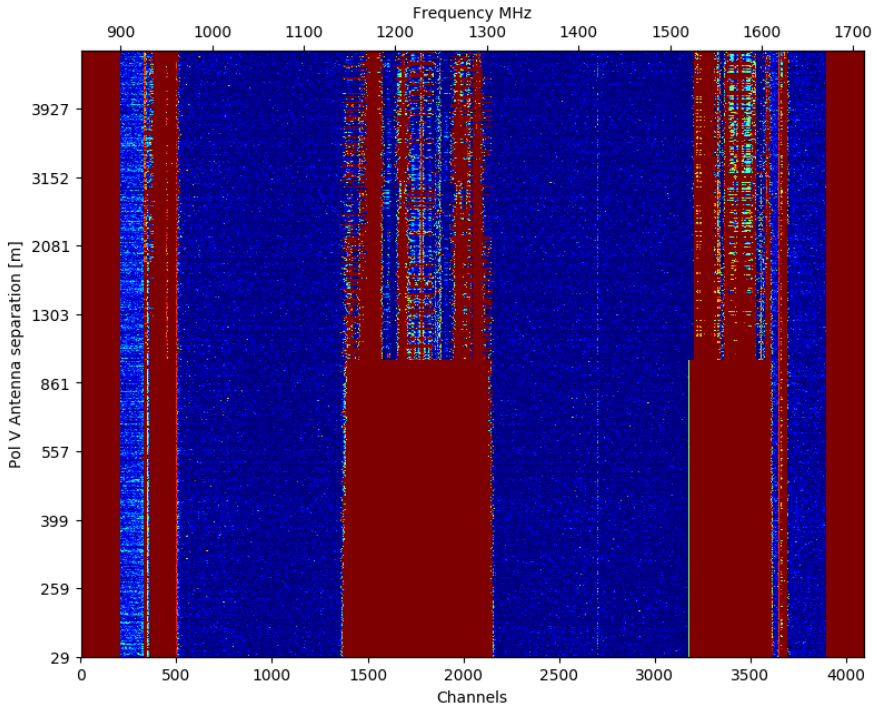
Source list:

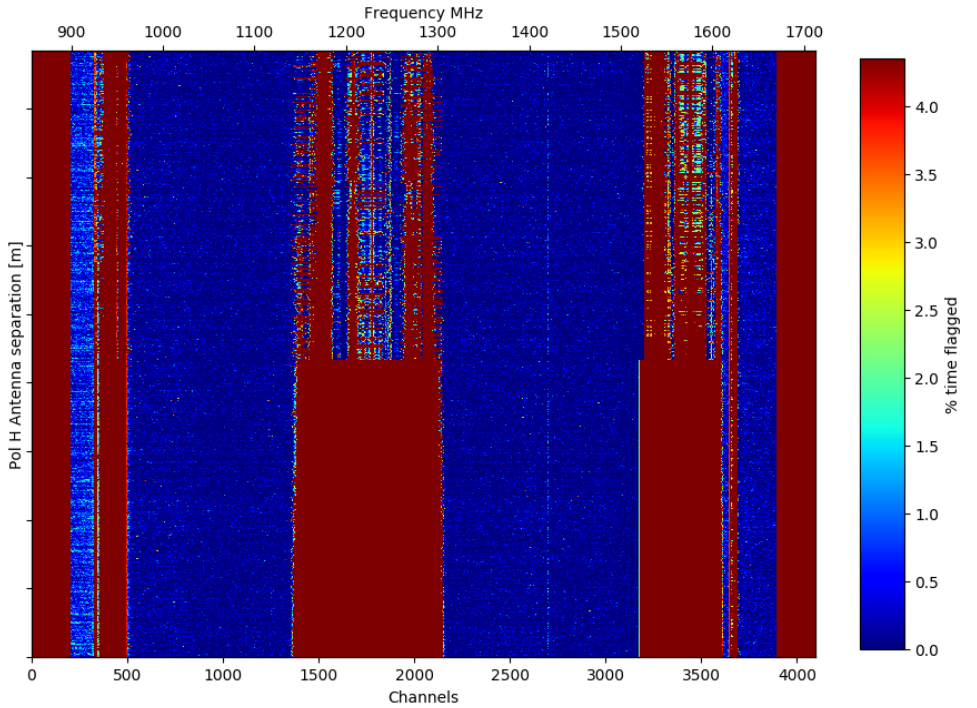
- PKS 1934-63
- 3C286



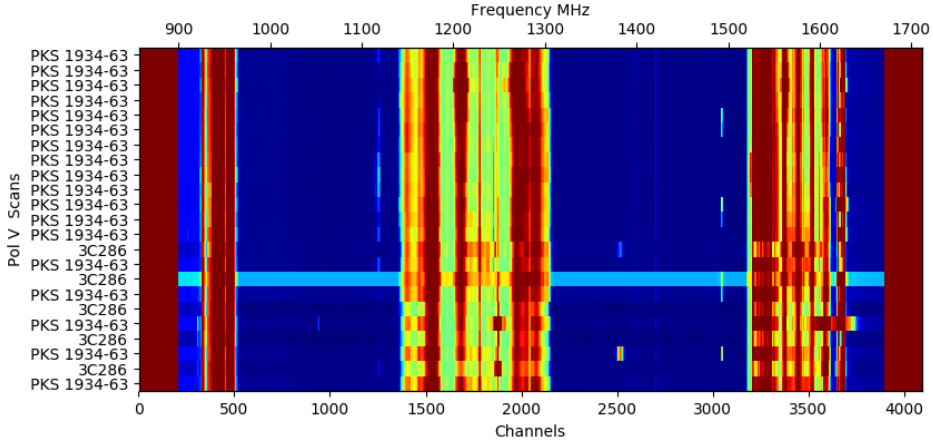
RFI and Flagging summary

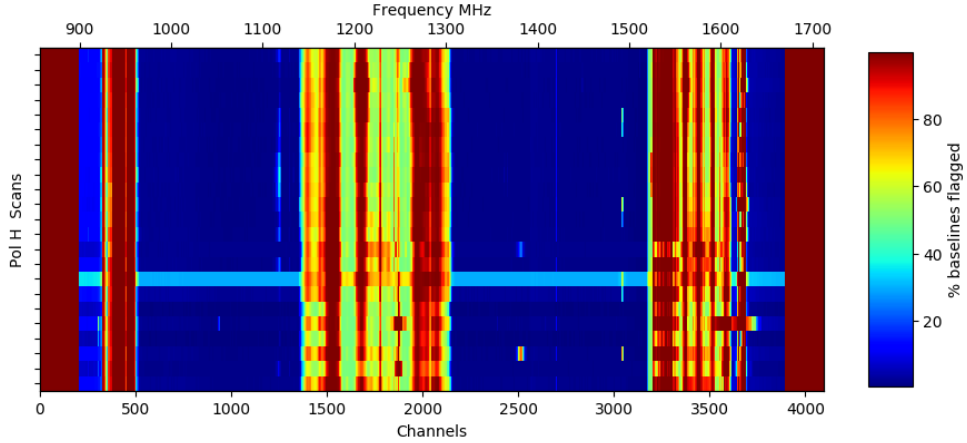
Percentage of time data is flagged





Percentage of baselines flagged per scan





Calibration product K

Delay calibration solutions (ns)

POL V

Ant	10 22:46:04	10 22:52:44	10 22:59:20	10 23:06:00	10 23:12:40	10 23:19:20	10 23:26:03	10 23:31:07	10 23:37:47	10 23:44:35	10 23:51:15	10 23:56:15	11 00:01:19	11 00:06:22	11 00:11:22	11 00:16:22	11 00:21:26	11 00:26:26	11 00:31:26	11 00:36:30	11 00:41:34	11 00:46:33	11 00:51:09

Ant	10 22:46:04	10 22:52:44	10 22:59:20	10 23:06:00	10 23:12:40	10 23:19:20	10 23:26:03	10 23:31:07	10 23:37:47	10 23:44:35	10 23:51:15	10 23:56:15	11 00:01:19	11 00:06:22	11 00:11:22	11 00:16:22	11 00:21:26	11 00:26:26	11 00:31:26	11 00:36:30	11 00:41:34	11 00:46:33	11 00:51:09
m000	0.020	-0.066	0.013	-0.079	0.022	-0.062	0.027	-0.090	0.024	-0.060	0.028	0.023	0.021	0.019	0.022	0.032	0.026	0.019	0.029	0.022	0.021	0.025	0.026
m001	0.008	-0.008	0.000	-0.013	-0.001	0.005	0.001	0.008	0.007	-0.040	0.003	-0.011	-0.012	-0.008	-0.006	-0.002	-0.006	-0.016	-0.012	-0.021	-0.016	-0.006	-0.006
m002	0.026	-0.017	0.018	-0.019	0.022	-0.006	0.022	-0.042	0.017	-0.016	0.020	0.014	0.013	0.016	0.012	0.014	0.013	0.010	0.018	0.012	0.007	0.004	0.012
m003	0.013	-0.016	0.008	-0.012	0.010	0.023	0.022	-0.018	0.011	-0.049	0.020	0.003	0.005	0.014	0.023	0.020	0.008	0.011	0.010	0.005	0.011	0.015	0.022
m004	-0.033	-0.053	-0.038	-0.072	-0.034	-0.037	-0.035	-0.091	-0.037	-0.083	-0.031	-0.045	-0.044	-0.037	-0.034	-0.034	-0.033	-0.037	-0.034	-0.037	-0.028	-0.035	-0.033
m005	-0.032	-0.085	-0.033	-0.088	-0.044	-0.073	-0.034	-0.090	-0.038	-0.044	-0.047	-0.057	-0.053	-0.043	-0.047	-0.047	-0.047	-0.045	-0.046	-0.048	-0.047	-0.048	-0.050
m006	-0.036	-0.046	-0.043	-0.062	-0.041	-0.024	-0.029	-0.074	-0.028	-0.079	-0.021	-0.028	-0.028	-0.037	-0.029	-0.023	-0.027	-0.034	-0.035	-0.041	-0.053	-0.050	-0.041
m007	0.047	0.007	0.035	-0.015	0.036	0.003	0.041	-0.009	0.028	-0.045	0.042	0.036	0.034	0.031	0.032	0.031	0.028	0.024	0.023	0.017	0.029	0.024	0.027
m008	0.001	-0.036	-0.003	-0.038	0.004	-0.018	0.003	-0.038	-0.008	-0.035	-0.014	-0.010	-0.005	-0.007	-0.010	-0.003	-0.013	-0.011	-0.010	-0.013	-0.008	0.002	0.005
m009	0.007	-0.045	-0.002	-0.061	-0.002	-0.031	-0.003	-0.078	-0.010	-0.051	-0.007	-0.010	-0.012	-0.008	-0.012	-0.013	-0.010	-0.010	-0.011	-0.017	-0.013	-0.013	-0.010
m010	0.008	-0.023	0.001	-0.032	0.007	-0.016	0.014	-0.028	0.007	-0.042	0.009	0.001	-0.005	-0.004	-0.010	-0.007	-0.008	-0.005	-0.007	-0.005	-0.003	-0.002	0.004
m011	0.053	0.001	0.046	-0.007	0.046	0.014	0.055	-0.008	0.050	-0.021	0.053	0.047	0.046	0.049	0.048	0.043	0.042	0.051	0.052	0.042	0.039	0.043	0.050
m012	0.001	-0.071	-0.006	-0.065	-0.004	-0.039	-0.003	-0.058	0.004	-0.056	0.008	0.004	0.001	-0.006	0.004	0.008	-0.004	-0.009	0.001	-0.011	-0.003	0.005	0.007
m013	0.037	-0.035	0.031	-0.045	0.027	0.005	0.030	-0.039	0.015	-0.047	0.020	0.020	0.017	0.017	0.017	0.029	0.023	0.024	0.024	0.014	0.005	0.007	0.006
m015	-0.005	-0.045	-0.013	-0.066	-0.018	-0.063	-0.006	-0.092	-0.007	-0.064	-0.010	-0.019	-0.011	-0.012	-0.016	-0.021	-0.019	-0.022	-0.022	-0.032	-0.026	-0.014	-0.009
m016	0.047	0.021	0.047	0.008	0.045	0.003	0.048	-0.006	0.065	0.018	0.070	0.053	0.048	0.049	0.062	0.070	0.055	0.047	0.055	0.037	0.028	0.040	0.056
m018	-0.034	-0.097	-0.045	-0.115	-0.047	-0.104	-0.045	-0.126	-0.041	-0.075	-0.023	-0.029	-0.036	-0.036	-0.035	-0.032	-0.042	-0.048	-0.048	-0.063	-0.060	-0.056	-0.047
m019	0.036	-0.028	0.040	-0.024	0.040	0.007	0.043	-0.012	0.031	-0.041	0.046	0.035	0.032	0.034	0.033	0.035	0.035	0.027	0.029	0.022	0.027	0.030	0.032
m020	0.045	-0.002	0.044	-0.007	0.047	0.030	0.045	0.018	0.042	-0.009	0.049	0.042	0.037	0.035	0.034	0.033	0.033	0.030	0.035	0.030	0.030	0.028	0.034
m021	0.077	0.043	0.072	0.026	0.072	0.044	0.075	0.016	0.077	0.042	0.065	0.065	0.067	0.061	0.064	0.068	0.073	0.067	0.060	0.054	0.054	0.054	0.057
m022	-0.010	-0.050	-0.002	-0.039	-0.012	-0.007	-0.001	-0.055	-0.005	-0.035	0.008	-0.002	0.002	0.003	0.002	0.011	0.009	0.010	0.000	-0.006	-0.007	-0.014	-0.005
m023	0.009	-0.056	-0.006	-0.037	-0.012	-0.024	-0.008	-0.040	0.001	-0.057	-0.007	-0.010	-0.016	-0.014	-0.001	0.004	-0.015	-0.022	-0.012	-0.012	-0.013	-0.015	-0.013
m025	0.047	0.034	0.044	0.016	0.050	0.036	0.041	0.026	0.041	0.004	0.058	0.048	0.044	0.041	0.048	0.055	0.052	0.042	0.039	0.032	0.022	0.031	0.040
m026	0.021	-0.037	0.011	-0.050	0.010	-0.021	0.006	-0.028	0.002	-0.034	0.009	0.003	-0.000	0.000	-0.001	0.002	0.000	-0.001	0.002	0.000	0.007	0.005	0.003
m027	0.028	-0.045	0.018	-0.039	0.026	-0.011	0.027	-0.025	0.017	-0.056	0.023	0.018	0.018	0.017	0.012	0.013	0.021	0.022	0.024	0.026	0.028	0.026	0.018
m028	0.009	-0.024	0.003	-0.023	0.004	-0.009	0.005	-0.015	0.012	-0.033	0.008	-0.002	-0.007	0.002	0.008	0.011	0.003	0.001	0.002	-0.001	0.000	0.007	0.012
m029	0.063	0.008	0.054	0.011	0.052	0.045	0.053	-0.013	0.064	0.026	0.065	0.053	0.050	0.053	0.060	0.062	0.054	0.055	0.062	0.045	0.047	0.056	0.056
m030	-0.012	-0.069	-0.013	-0.065	-0.020	-0.060	-0.013	-0.073	-0.013	-0.072	-0.014	-0.024	-0.027	-0.024	-0.021	-0.024	-0.028	-0.028	-0.027	-0.038	-0.032	-0.030	-0.029
m031	0.037	0.001	0.043	-0.014	0.045	0.014	0.041	-0.035	0.036	-0.000	0.032	0.024	0.022	0.024	0.029	0.027	0.027	0.025	0.025	0.019	0.030	0.027	0.026
m033	0.043	0.019	0.038	0.017	0.049	0.039	0.049	0.057	0.042	0.031	0.042	0.039	0.029	0.032	0.029	0.032	0.027	0.033	0.022	0.022	0.023	0.030	0.030
m034	-0.032	-0.050	-0.025	-0.055	-0.032	-0.038	-0.021	-0.028	-0.031	-0.053	-0.022	-0.029	-0.031	-0.027	-0.027	-0.016	-0.023	-0.027	-0.030	-0.039	-0.035	-0.031	-0.020
m035	-0.016	-0.070	-0.034	-0.071	-0.032	-0.076	-0.035	-0.085	-0.017	-0.068	-0.007	-0.022	-0.023	-0.015	-0.011	-0.014	-0.023	-0.021	-0.020	-0.040	-0.033	-0.027	-0.022
m036	-0.026	-0.071	-0.026	-0.075	-0.034	-0.031	-0.015	-0.084	-0.014	-0.083	-0.018	-0.031	-0.025	-0.020	-0.022	-0.018	-0.030	-0.033	-0.037	-0.036	-0.038	-0.035	-0.025
m037	0.014	-0.050	0.018	-0.047	0.006	-0.038	0.020	-0.055	0.016	-0.051	0.017	0.004	0.001	0.012	0.003	0.003	0.006	0.007	0.004	-0.004	0.012	0.018	0.020
m038	0.058	-0.019	0.053	-0.009	0.044	0.008	0.048	0.019	0.042	-0.010	0.055	0.048	0.042	0.051	0.046	0.044	0.043	0.041	0.045	0.037	0.037	0.037	0.037
m039	-0.007	-0.057	-0.006	-0.063	-0.011	-0.061	0.001	-0.068	-0.002	-0.067	-0.005	-0.011	-0.013	-0.011	-0.009	-0.007	-0.017	-0.019	-0.019	-0.018	-0.008	-0.007	-0.009
m040	0.019	-0.052	0.012	-0.047	0.020	-0.014	0.021	-0.057	0.026	-0.089	0.027	0.014	0.012	0.012	0.019	0.023	0.011	-0.003	0.003	-0.004	-0.001	0.004	0.008
m041	0.042	0.014	0.039	0.010	0.040	0.038	0.034	-0.006	0.050	-0.034	0.043	0.033	0.025	0.032	0.040	0.042	0.044	0.048	0.049	0.034	0.039	0.044	0.046
m042	0.058	0.022	0.043	0.006	0.062	0.015	0.065	-0.021	0.053	-0.021	0.054	0.043	0.043	0.033	0.039	0.046	0.053	0.040	0.045	0.044	0.040	0.042	0.044
m043	-0.038	-0.103	-0.045	-0.092	-0.047	-0.082	-0.043	-0.101	-0.053	-0.085	-0.038	-0.031	-0.028	-0.045	-0.037	-0.026	-0.032	-0.032	-0.056	-0.053	-0.049	-0.064	-0.046
m044	0.048	-0.016	0.029	0.003	0.026	0.005	0.024	-0.003	0.015	0.010	0.024	0.020	0.012	0.024	0.022	0.012	0.020	0.033	0.034	0.018	0.017	0.012	0.007
m045	0.056	-0.063	0.051	-0.054	0.044	-0.026	0.052	-0.033	0.037	-0.004	0.040	0.030	0.023	0.029	0.027	0.030	0.025	0.033	0.030	0.018	0.024	0.021	0.024
m046	-0.012	-0.003	-0.014	-0.010	-0.028	0.015	-0.031	-0.023	-0.035	-0.021	-0.024	-0.041	-0.053	-0.044	-0.048	-0.048	-0.046	-0.055	-0.032	-0.016	-0.023	-0.031	-0.018
m047	0.038	-0.049	0.025	-0.052	0.023	-0.023	0.034	-0.065	0.033	-0.053	0.026	0.015	0.021	0.015	0.020	0.023	0.011	0.013	0.009	0.008	0.013	0.012	0.015
m048	-0.016	-0.056	-0.030	-0.047	-0.036	-0.012	-0.021	-0.035	-0.032	-0.017	-0.036	-0.043	-0.044	-0.044	-0.043	-0.054	-0.053	-0.062	-0.055	-0.057	-0.060	-0.052	-0.042
m049	0.042	-0.011	0.042	-0.001	0.039	0.014	0.044	0.004	0.026	0.015	0.036	0.028	0.026	0.016	0.008	0.009	0.014	0.030	0.030	0.016	0.031	0.033	0.035
m050	-0.007	-0.105	-0.020	-0.086	-0.018	-0.091	-0.020	-0.095	-0.024	-0.091	-0.020	-0.030	-0.031	-0.028	-0.031	-0.030	-0.028	-0.024	-0.031	-0.036	-0.035	-0.036	-0.040
m051	0.009	-0.054	-0.004	-0.088	-0.007	-0.062	0.004	-0.087	-0.008	-0.051	0.005	-0.014	-0.014	-0.014	-0.012	-0.010	-0.016	-0.017	-0.018	-0.021	-0.029	-0.022	-0.022
m052	0.007	-0.059	0.001	-0.077	-0.002	-0.085	-0.001	-0.070	-0.006	-0.099	-0.013	-0.015	-0.006	-0.003	-0.001	0.004	0.003	-0.000	0.007	-0.001	0.000	-0.004	0.000
m053	0.053	-0.018	0.055	-0.033	0.052	-0.005	0.039	-0.011	0.041	-0.006	0.047	0.043	0.034	0.035	0.036	0.035	0.034	0.035	0.032	0.030	0.033	0.029	0.032
m054	-0.006	-0.013	0.000	-0.033	-0.001	-0.020	0.006	-0.042	0.007	-0.041	0.016	0.017	0.007	0.008	-0.000	0.011	0.011	0.003	-0.009	-0.003	0.006	0.001	0.013
m055	-0.005	-0.047	-0.009	-0.035	-0.004	-0.033	0.009	0.001	0.009	-0.020	0.004	0.002	-0.002	0.002	0.006	0.004	-0.003	-0.011	-0.011	-0.014	0.003	-0.001	0.005

Ant	10 22:46:04	10 22:52:44	10 22:59:20	10 23:06:00	10 23:12:40	10 23:19:20	10 23:26:03	10 23:31:07	10 23:37:47	10 23:44:35	10 23:51:15	10 23:56:15	11 00:01:19	11 00:06:22	11 00:11:22	11 00:16:22	11 00:21:26	11 00:26:26	11 00:31:26	11 00:36:30	11 00:41:34	11 00:46:33	11 00:51:09
m056	0.037	0.091	0.040	0.047	0.043	0.060	0.044	0.015	0.054	0.068	0.053	0.048	0.048	0.046	0.047	0.049	0.044	0.041	0.038	0.034	0.040	0.040	0.052
m057	-0.023	-0.003	-0.030	-0.009	-0.030	0.004	-0.026	0.014	-0.034	0.005	-0.037	-0.043	-0.046	-0.047	-0.046	-0.048	-0.047	-0.052	-0.052	-0.057	-0.053	-0.057	-0.056
m058	-0.009	0.020	-0.017	0.011	-0.014	0.042	-0.009	0.026	-0.012	0.005	-0.010	-0.013	-0.015	-0.014	-0.016	-0.014	-0.015	-0.020	-0.021	-0.023	-0.017	-0.017	-0.013
m059, refant	-0.000	-0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	-0.000	-0.000	0.000	0.000	0.000	-0.000	0.000	-0.000	0.000	-0.000	0.000	0.000	-0.000	0.000
m060	-0.029	-0.046	-0.026	-0.087	-0.022	-0.084	-0.016	-0.098	-0.019	-0.098	-0.015	-0.017	-0.021	-0.021	-0.022	-0.019	-0.017	-0.019	-0.021	-0.018	-0.015	-0.021	-0.016
m061	0.022	-0.078	0.022	-0.072	0.008	-0.079	0.017	-0.089	0.011	-0.077	0.017	0.012	0.008	0.010	0.006	0.013	0.011	0.013	0.009	0.011	0.016	0.008	0.005
m062	0.023	-0.130	0.023	-0.108	0.022	-0.100	0.026	-0.155	0.024	-0.112	0.038	0.031	0.020	0.026	0.031	0.031	0.026	0.027	0.026	0.019	0.023	0.026	0.027
m063	-0.030	-0.160	-0.045	-0.156	-0.049	-0.142	-0.047	-0.142	-0.064	-0.140	-0.062	-0.065	-0.066	-0.062	-0.065	-0.063	-0.059	-0.062	-0.063	-0.068	-0.068	-0.073	-0.079

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Ant	10 22:46:04	10 22:52:44	10 22:59:20	10 23:06:00	10 23:12:40	10 23:19:20	10 23:26:03	10 23:31:07	10 23:37:47	10 23:44:35	10 23:51:15	10 23:56:15	11 00:01:19	11 00:06:22	11 00:11:22	11 00:16:22	11 00:21:26	11 00:26:26	11 00:31:26	11 00:36:30	11 00:41:34	11 00:46:33	11 00:51:09
m000	0.018	-0.077	0.016	-0.088	0.011	-0.073	0.021	-0.098	0.016	-0.069	0.020	0.008	0.003	0.007	0.009	0.015	0.009	0.011	0.012	0.011	0.010	0.009	0.011
m001	0.022	-0.015	0.021	-0.022	0.016	-0.007	0.025	-0.000	0.022	-0.026	0.021	0.008	0.008	0.031	0.038	0.017	0.007	0.014	0.005	-0.011	-0.002	0.000	-0.005
m002	0.015	-0.029	0.011	-0.028	0.014	-0.021	0.015	-0.046	0.009	-0.021	0.015	0.009	0.008	0.009	0.005	0.003	0.006	0.005	0.012	0.003	-0.001	-0.002	0.002
m003	0.031	-0.016	0.031	-0.010	0.030	0.018	0.038	-0.017	0.019	-0.035	0.030	0.016	0.019	0.031	0.033	0.029	0.026	0.027	0.024	0.020	0.023	0.024	0.027
m004	0.026	-0.008	0.022	-0.028	0.024	0.010	0.028	-0.035	0.022	-0.024	0.028	0.016	0.016	0.027	0.028	0.025	0.027	0.029	0.030	0.024	0.030	0.022	0.016
m005	-0.035	-0.104	-0.035	-0.112	-0.056	-0.102	-0.048	-0.111	-0.051	-0.069	-0.056	-0.062	-0.056	-0.054	-0.060	-0.058	-0.055	-0.053	-0.055	-0.059	-0.056	-0.058	-0.060
m006	-0.026	-0.073	-0.030	-0.080	-0.025	-0.041	-0.018	-0.076	-0.029	-0.075	-0.020	-0.025	-0.025	-0.030	-0.030	-0.030	-0.026	-0.019	-0.024	-0.031	-0.040	-0.037	-0.040
m007	-0.023	-0.088	-0.033	-0.099	-0.038	-0.088	-0.031	-0.094	-0.052	-0.120	-0.040	-0.045	-0.045	-0.043	-0.048	-0.053	-0.053	-0.051	-0.052	-0.051	-0.049	-0.051	-0.058
m008	0.045	-0.007	0.040	-0.010	0.048	0.006	0.045	-0.009	0.031	-0.002	0.032	0.037	0.043	0.037	0.032	0.038	0.031	0.034	0.031	0.029	0.034	0.043	0.040
m009	0.026	-0.031	0.018	-0.043	0.014	-0.016	0.015	-0.058	0.009	-0.031	0.013	0.011	0.007	0.010	0.005	0.005	0.006	0.008	0.010	0.001	-0.000	0.006	0.009
m010	-0.022	-0.061	-0.030	-0.068	-0.024	-0.053	-0.015	-0.061	-0.022	-0.073	-0.018	-0.026	-0.033	-0.032	-0.040	-0.036	-0.036	-0.032	-0.036	-0.036	-0.035	-0.030	-0.028
m011	-0.000	-0.055	-0.005	-0.064	-0.000	-0.046	0.006	-0.061	-0.005	-0.070	0.007	-0.004	-0.001	0.006	0.001	-0.007	-0.011	-0.002	-0.003	-0.012	-0.011	-0.003	-0.003
m012	-0.023	-0.098	-0.027	-0.094	-0.029	-0.071	-0.021	-0.084	-0.030	-0.081	-0.031	-0.032	-0.028	-0.027	-0.032	-0.033	-0.030	-0.030	-0.022	-0.034	-0.035	-0.033	-0.033
m013	0.012	-0.052	-0.002	-0.071	-0.002	-0.036	0.008	-0.074	0.004	-0.069	0.014	0.003	0.013	0.025	0.024	0.024	0.011	0.016	0.016	-0.002	-0.011	-0.015	-0.009
m015	-0.035	-0.087	-0.050	-0.113	-0.050	-0.098	-0.038	-0.133	-0.035	-0.098	-0.029	-0.043	-0.032	-0.026	-0.034	-0.046	-0.044	-0.049	-0.054	-0.066	-0.064	-0.057	-0.049
m016	0.000	-0.047	0.005	-0.050	0.010	-0.048	0.017	-0.051	0.008	-0.030	0.011	0.002	-0.004	-0.005	0.004	0.012	0.009	0.004	0.005	-0.004	-0.008	0.001	0.005
m018	-0.009	-0.087	-0.018	-0.105	-0.023	-0.098	-0.017	-0.112	-0.018	-0.062	-0.009	-0.016	-0.019	-0.007	-0.015	-0.025	-0.028	-0.023	-0.021	-0.029	-0.038	-0.034	-0.032
m019	-0.040	-0.112	-0.041	-0.111	-0.046	-0.096	-0.030	-0.105	-0.046	-0.127	-0.023	-0.047	-0.047	-0.032	-0.027	-0.035	-0.040	-0.048	-0.049	-0.058	-0.061	-0.064	-0.052
m020	0.039	-0.018	0.037	-0.019	0.040	0.014	0.042	0.004	0.035	-0.016	0.043	0.035	0.033	0.035	0.032	0.027	0.024	0.026	0.029	0.020	0.020	0.024	0.024
m021	0.056	0.004	0.050	-0.011	0.047	-0.001	0.054	-0.020	0.052	0.012	0.041	0.041	0.048	0.046	0.047	0.041	0.043	0.046	0.039	0.031	0.028	0.031	0.029
m022	-0.030	-0.092	-0.022	-0.079	-0.036	-0.049	-0.029	-0.089	-0.024	-0.065	-0.019	-0.032	-0.027	-0.019	-0.018	-0.017	-0.032	-0.024	-0.025	-0.035	-0.037	-0.045	-0.036
m023	-0.007	-0.084	-0.023	-0.066	-0.027	-0.054	-0.028	-0.066	-0.015	-0.075	-0.023	-0.024	-0.031	-0.032	-0.021	-0.015	-0.033	-0.038	-0.033	-0.032	-0.030	-0.032	-0.035
m025	0.031	-0.010	0.028	-0.017	0.029	0.002	0.023	-0.004	0.025	-0.016	0.028	0.018	0.015	0.016	0.019	0.018	0.015	0.017	0.016	0.006	0.002	0.016	0.013
m026	-0.029	-0.095	-0.039	-0.107	-0.040	-0.078	-0.046	-0.083	-0.050	-0.088	-0.043	-0.048	-0.052	-0.048	-0.050	-0.048	-0.051	-0.052	-0.050	-0.050	-0.046	-0.046	-0.052
m027	0.002	-0.071	-0.008	-0.062	0.001	-0.037	0.003	-0.052	-0.005	-0.074	0.002	-0.003	-0.003	-0.004	-0.012	-0.011	-0.005	-0.004	-0.002	-0.002	0.004	0.003	-0.006
m028	-0.046	-0.092	-0.047	-0.088	-0.051	-0.076	-0.047	-0.082	-0.041	-0.087	-0.047	-0.055	-0.056	-0.044	-0.044	-0.047	-0.048	-0.044	-0.049	-0.055	-0.056	-0.052	-0.046
m029	0.036	-0.029	0.026	-0.020	0.025	0.006	0.023	-0.042	0.036	-0.002	0.041	0.027	0.024	0.029	0.033	0.031	0.029	0.028	0.030	0.019	0.019	0.029	0.027
m030	0.008	-0.043	0.005	-0.037	-0.000	-0.035	0.011	-0.049	0.016	-0.047	0.019	0.008	0.009	0.020	0.021	0.014	0.009	0.013	0.007	-0.010	-0.003	-0.004	-0.002
m031	-0.047	-0.071	-0.035	-0.092	-0.041	-0.075	-0.031	-0.116	-0.028	-0.078	-0.033	-0.048	-0.041	-0.025	-0.016	-0.030	-0.049	-0.038	-0.036	-0.052	-0.049	-0.052	-0.044
m033	-0.025	-0.062	-0.030	-0.060	-0.021	-0.042	-0.023	-0.025	-0.024	-0.046	-0.028	-0.033	-0.040	-0.033	-0.033	-0.032	-0.044	-0.037	-0.048	-0.050	-0.050	-0.042	-0.043
m034	-0.006	-0.037	-0.002	-0.040	-0.012	-0.027	0.003	-0.018	-0.008	-0.033	0.002	-0.009	-0.003	0.004	-0.001	0.005	0.003	-0.001	-0.008	-0.013	-0.016	-0.012	-0.004
m035	-0.010	-0.083	-0.026	-0.083	-0.025	-0.089	-0.031	-0.084	-0.018	-0.075	-0.014	-0.019	-0.020	-0.015	-0.016	-0.020	-0.019	-0.017	-0.023	-0.035	-0.035	-0.034	-0.030
m036	0.001	-0.062	-0.001	-0.062	-0.011	-0.026	0.008	-0.074	0.009	-0.069	0.003	-0.012	0.003	0.010	0.000	-0.001	-0.006	-0.000	-0.013	-0.014	-0.015	-0.016	-0.011
m037	0.002	-0.080	0.002	-0.076	-0.007	-0.067	0.000	-0.080	-0.003	-0.076	0.001	-0.014	-0.016	-0.004	-0.015	-0.016	-0.012	-0.010	-0.014	-0.016	-0.007	-0.001	-0.002
m038	-0.025	-0.102	-0.033	-0.094	-0.039	-0.084	-0.030	-0.073	-0.033	-0.096	-0.025	-0.032	-0.030	-0.019	-0.024	-0.034	-0.035	-0.035	-0.032	-0.042	-0.046	-0.042	-0.038
m039	0.007	-0.058	0.012	-0.064	0.006	-0.066	0.010	-0.066	0.001	-0.065	0.012	0.000	0.006	0.009	0.002	0.003	0.001	0.001	-0.002	-0.002	0.003	0.003	0.004
m040	-0.009	-0.091	-0.020	-0.087	-0.009	-0.054	-0.014	-0.089	-0.016	-0.111	-0.009	-0.022	-0.023	-0.016	-0.016	-0.019	-0.025	-0.031	-0.027	-0.031	-0.033	-0.034	-0.038
m041	-0.039	-0.077	-0.040	-0.084	-0.041	-0.060	-0.042	-0.099	-0.033	-0.117	-0.036	-0.044	-0.054	-0.050	-0.048	-0.044	-0.040	-0.039	-0.038	-0.052	-0.048	-0.039	-0.039
m042	-0.010	-0.065	-0.024	-0.077	-0.010	-0.071	-0.010	-0.098	-0.018	-0.095	-0.014	-0.022	-0.023	-0.033	-0.030	-0.027	-0.018	-0.021	-0.022	-0.028	-0.029	-0.025	-0.027

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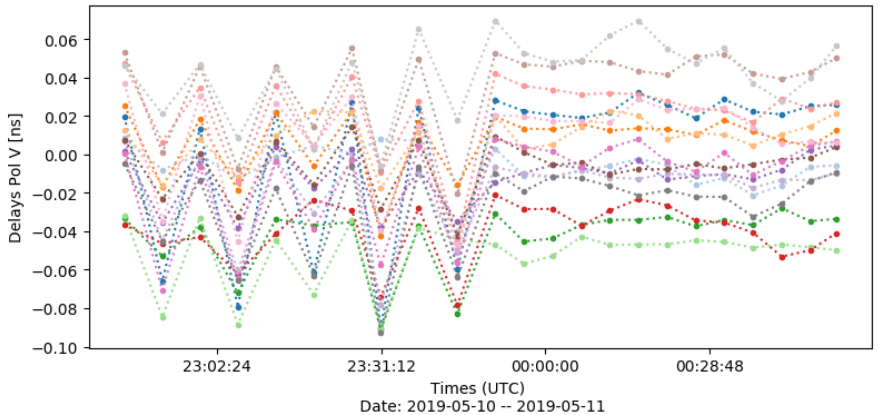
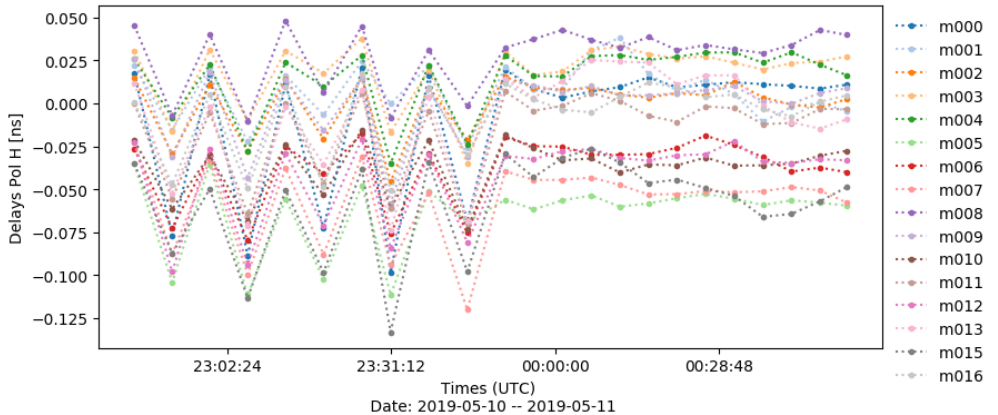
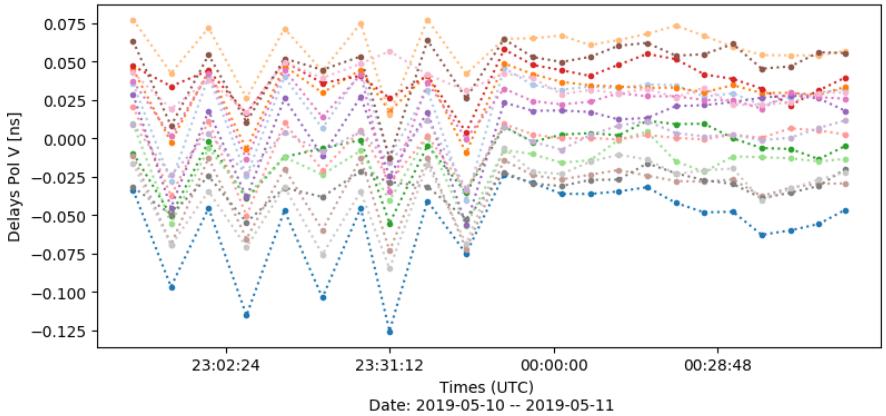
m043	0.019	-0.083	0.006	-0.069	-0.006	-0.065	-0.009	-0.081	-0.011	-0.048	0.001	0.008	0.003	-0.012	0.015	0.017	-0.008	0.001	-0.002	-0.016	-0.020	-0.022	-0.009
m044	0.058	-0.023	0.055	0.006	0.051	0.004	0.050	-0.008	0.036	0.013	0.048	0.043	0.034	0.038	0.034	0.030	0.037	0.035	0.035	0.031	0.021	0.028	0.027
m045	0.009	-0.113	0.013	-0.103	0.005	-0.077	0.007	-0.085	-0.010	-0.060	-0.005	-0.007	-0.014	-0.010	-0.018	-0.011	-0.008	-0.004	-0.015	-0.026	-0.016	-0.018	-0.027
m046	-0.012	-0.083	-0.053	-0.088	-0.038	-0.053	-0.026	-0.080	-0.050	-0.083	-0.049	-0.068	-0.074	-0.048	-0.044	-0.060	-0.065	-0.046	-0.038	-0.073	-0.067	-0.045	-0.053
m047	0.043	-0.052	0.031	-0.057	0.029	-0.030	0.041	-0.069	0.040	-0.053	0.034	0.022	0.027	0.027	0.030	0.024	0.015	0.024	0.016	0.013	0.017	0.019	0.016
m048	0.002	-0.074	-0.015	-0.065	-0.014	-0.033	-0.020	-0.052	-0.008	-0.028	-0.013	-0.020	-0.019	-0.021	-0.034	-0.043	-0.028	-0.031	-0.034	-0.041	-0.034	-0.035	-0.044
m049	-0.009	-0.116	-0.011	-0.106	-0.018	-0.088	-0.022	-0.085	-0.025	-0.083	-0.019	-0.032	-0.044	-0.044	-0.036	-0.032	-0.032	-0.037	-0.039	-0.044	-0.050	-0.050	-0.040
m050	-0.042	-0.155	-0.044	-0.141	-0.051	-0.147	-0.060	-0.150	-0.067	-0.142	-0.055	-0.058	-0.060	-0.061	-0.062	-0.053	-0.054	-0.062	-0.064	-0.067	-0.077	-0.076	-0.076
m051	0.029	-0.053	0.018	-0.080	0.013	-0.054	0.025	-0.071	0.011	-0.038	0.017	0.002	0.003	0.000	-0.001	0.001	0.001	0.004	0.001	-0.000	-0.009	0.001	-0.002
m052	-0.039	-0.119	-0.043	-0.133	-0.045	-0.142	-0.041	-0.131	-0.049	-0.145	-0.051	-0.055	-0.041	-0.037	-0.046	-0.040	-0.038	-0.045	-0.047	-0.051	-0.048	-0.054	-0.055
m053	0.008	-0.068	0.014	-0.078	0.012	-0.053	0.002	-0.062	0.008	-0.052	0.010	0.004	-0.003	-0.001	-0.003	-0.006	-0.006	-0.002	-0.003	-0.007	-0.011	-0.016	-0.010
m054	-0.005	-0.038	0.003	-0.053	-0.001	-0.042	0.002	-0.069	-0.004	-0.058	0.005	0.006	0.000	0.002	-0.011	0.002	0.005	-0.001	-0.006	-0.001	-0.004	-0.010	0.002
m055	-0.019	-0.073	-0.016	-0.057	-0.014	-0.060	-0.007	-0.027	-0.007	-0.041	-0.013	-0.014	-0.013	-0.008	-0.011	-0.009	-0.016	-0.020	-0.014	-0.024	-0.019	-0.023	-0.011
m056	-0.026	0.027	-0.020	-0.018	-0.016	-0.008	-0.010	-0.054	0.003	0.005	-0.004	-0.007	0.003	0.004	-0.009	-0.009	-0.010	-0.009	-0.014	-0.018	-0.017	-0.018	-0.003
m057	-0.016	-0.012	-0.027	-0.018	-0.020	-0.005	-0.014	0.003	-0.030	0.000	-0.029	-0.038	-0.037	-0.036	-0.036	-0.041	-0.040	-0.039	-0.042	-0.050	-0.045	-0.044	-0.049
m058	-0.063	-0.037	-0.075	-0.046	-0.070	-0.019	-0.059	-0.031	-0.057	-0.049	-0.062	-0.066	-0.050	-0.040	-0.054	-0.066	-0.064	-0.064	-0.065	-0.072	-0.075	-0.070	-0.069
m059, refant	0.000	-0.000	0.000	-0.000	-0.000	0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	0.000	-0.000	-0.000	-0.000	0.000	0.000	-0.000	0.000	0.000
m060	0.037	0.018	0.040	-0.021	0.043	-0.019	0.049	-0.030	0.048	-0.029	0.052	0.048	0.048	0.047	0.045	0.048	0.051	0.049	0.047	0.048	0.047	0.048	0.049
m061	0.035	-0.072	0.033	-0.065	0.019	-0.072	0.027	-0.086	0.024	-0.064	0.032	0.028	0.023	0.024	0.022	0.025	0.023	0.028	0.022	0.021	0.025	0.026	0.019
m062	0.033	-0.135	0.033	-0.110	0.029	-0.100	0.027	-0.153	0.021	-0.107	0.037	0.029	0.022	0.025	0.027	0.030	0.031	0.026	0.024	0.022	0.018	0.019	0.022
m063	-0.026	-0.175	-0.033	-0.168	-0.037	-0.158	-0.039	-0.152	-0.050	-0.150	-0.046	-0.054	-0.058	-0.055	-0.056	-0.054	-0.055	-0.058	-0.060	-0.067	-0.070	-0.068	-0.071



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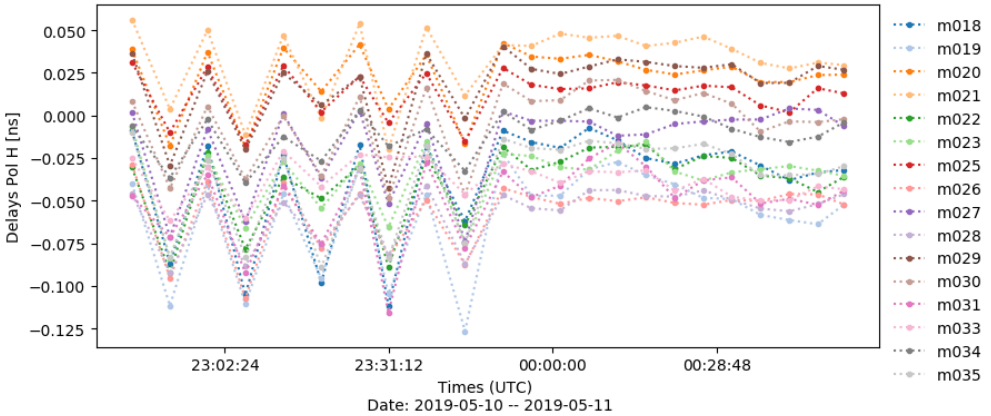
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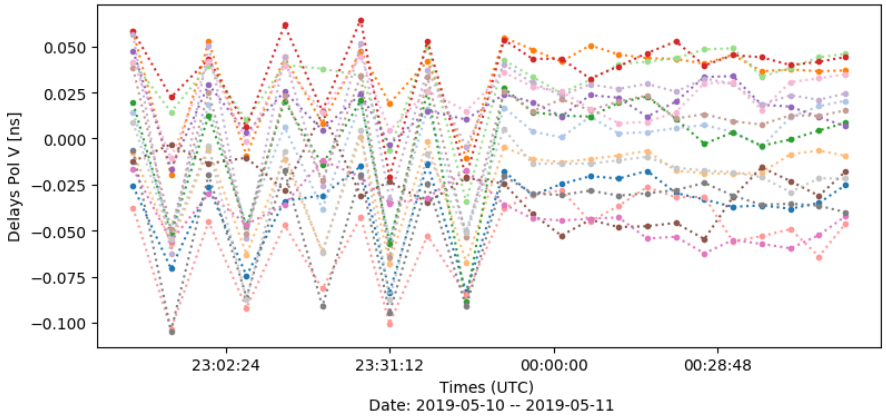
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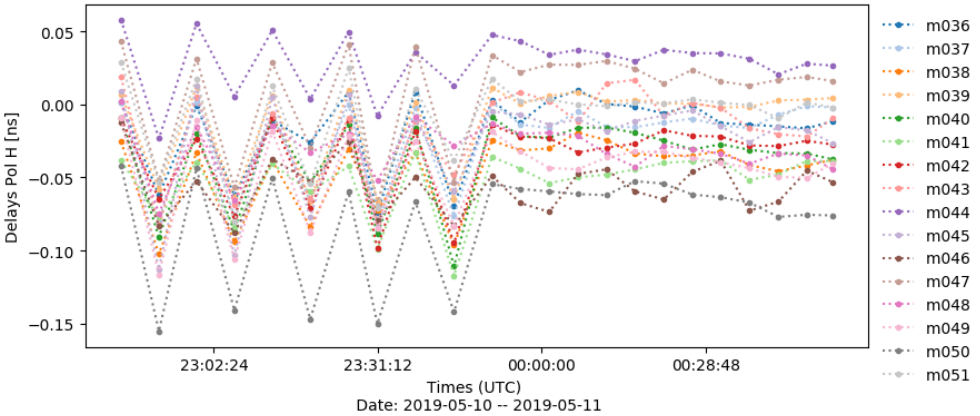
Date: 2019-05-10 -- 2019-05-11


Delays Pol H [ns]
0.05
0.00
−0.05
−0.10
−0.15
23:02:24
23:31:12
00:00:00
00:28:48
Times (UTC)
Date: 2019-05-10 -- 2019-05-11
m036
m037
m038
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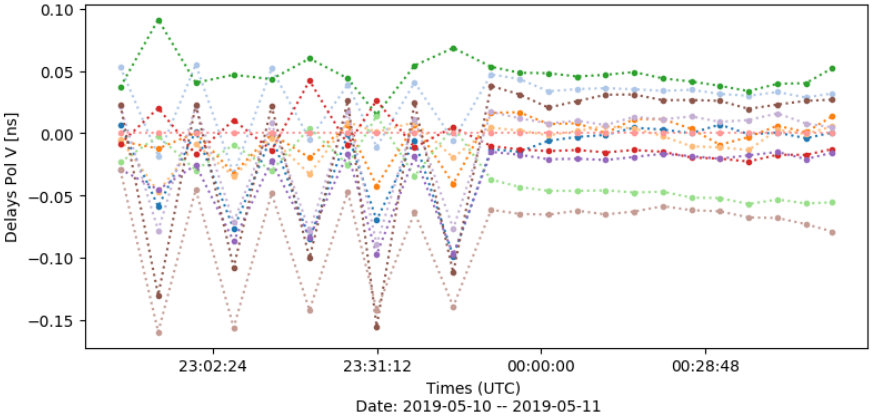
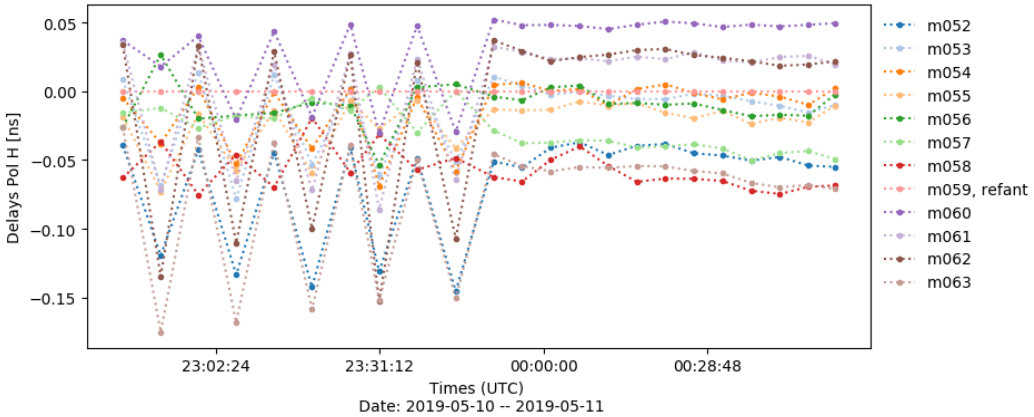
m051


Delays Pol V [ns]
0.10
0.05
0.00
−0.05
−0.10
−0.15
23:02:24
23:31:12
00:00:00
00:28:48
Times (UTC)
Date: 2019-05-10 -- 2019-05-11


Delays Pol H [ns]
0.05
0.00
−0.05
−0.10
−0.15
23:02:24
23:31:12
00:00:00
00:28:48
Times (UTC)
Date: 2019-05-10 -- 2019-05-11
m052
m053
m054
m055
m056
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m058
m059, refant
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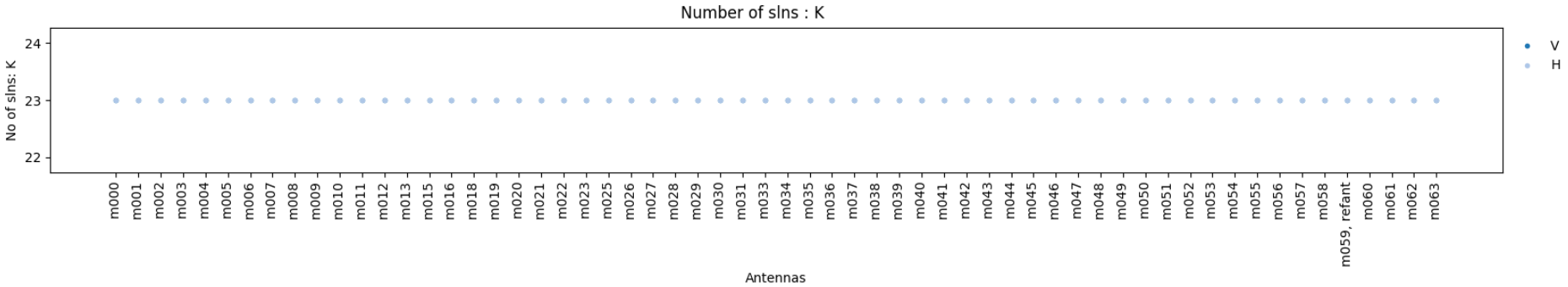
m062
m063



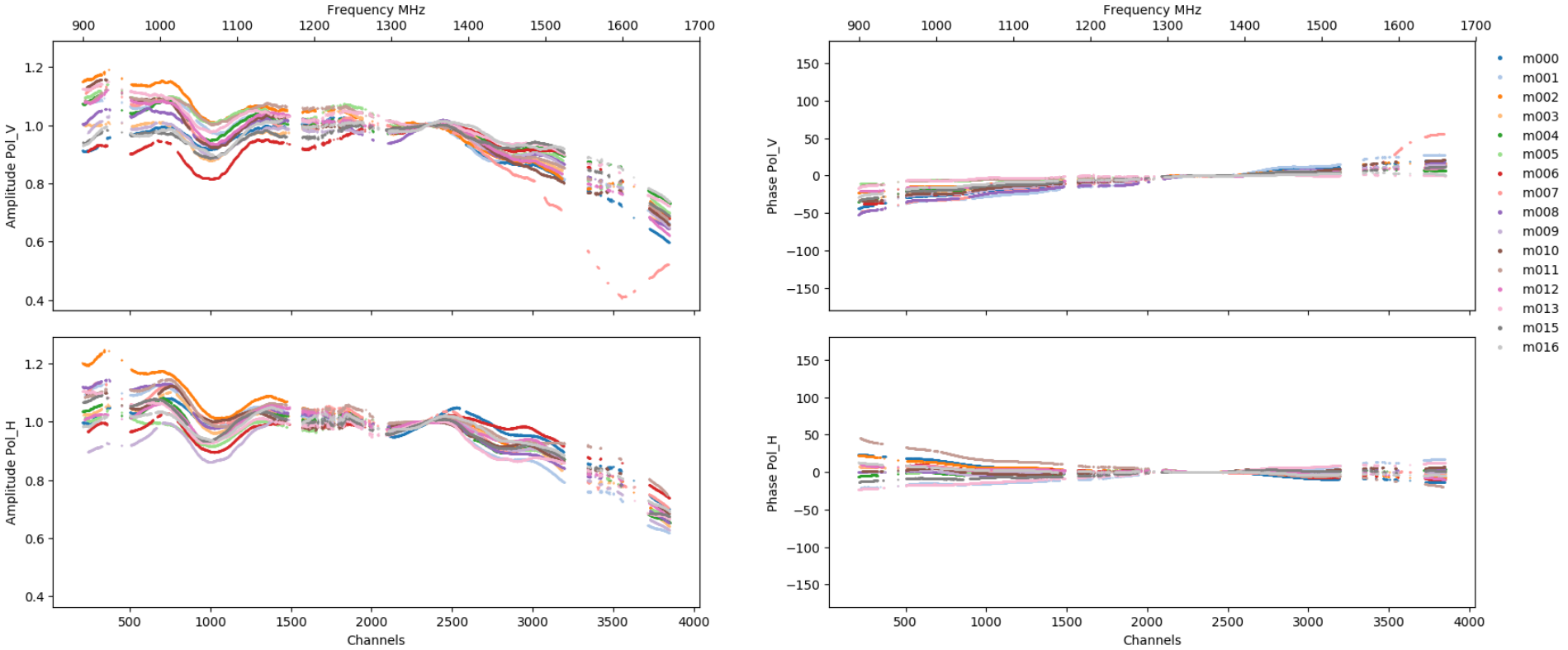
Calibration product B

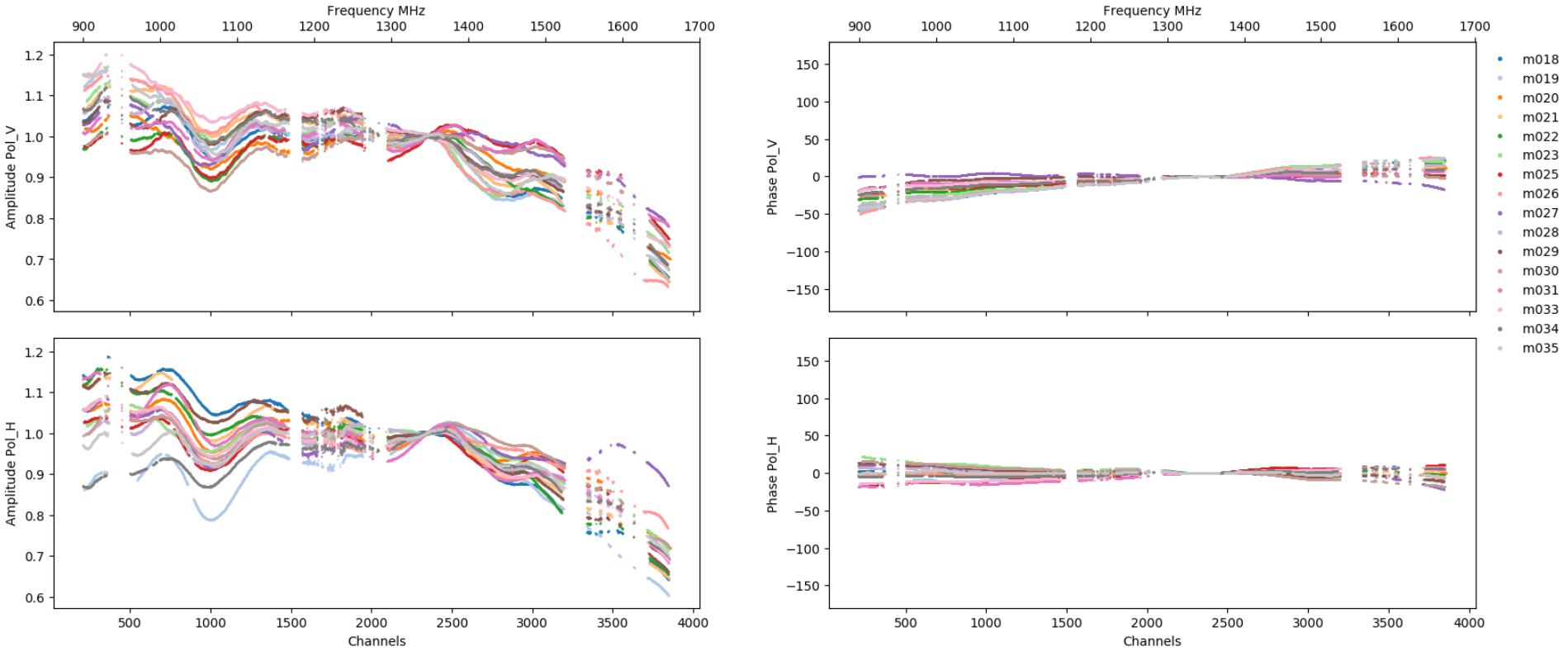
Bandpass calibration solutions

Time: 2019-05-10 22:46:04

Antennas flagged for all channels:

- V: None
- H: None




Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
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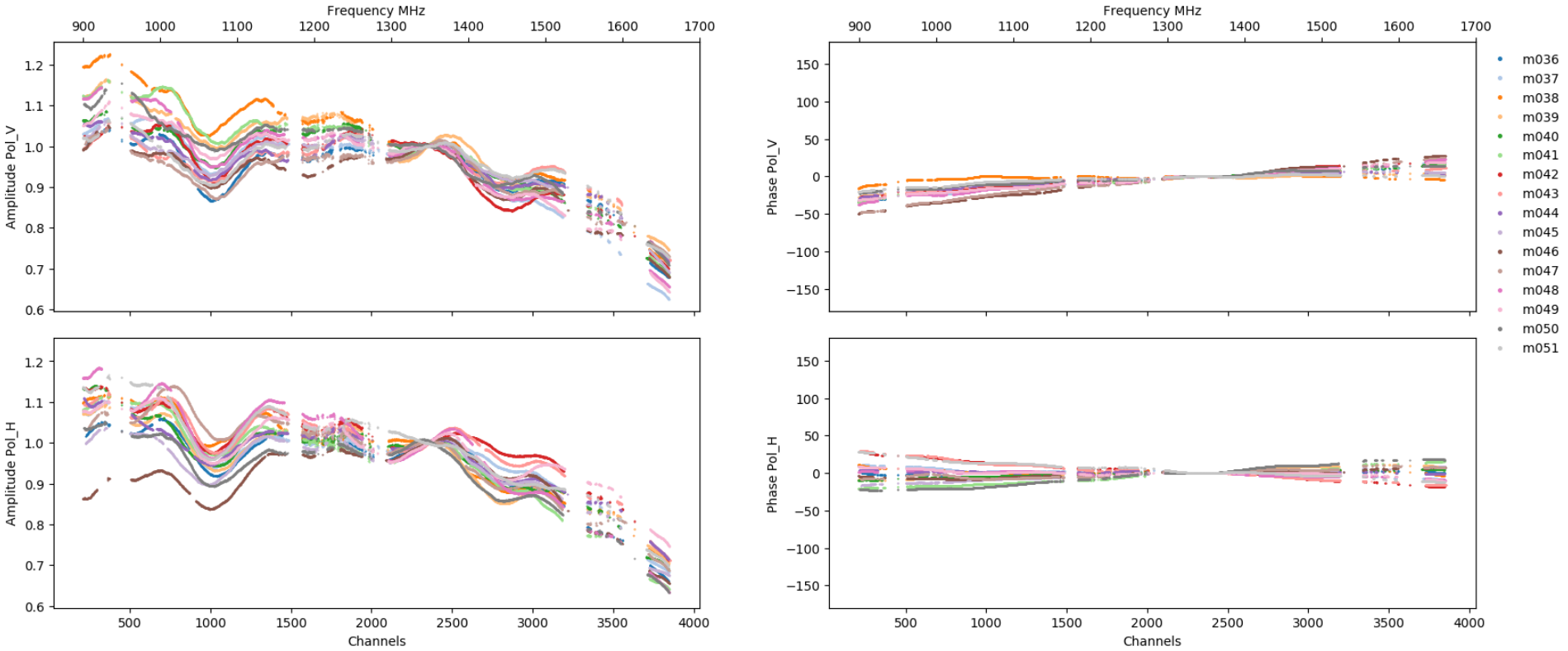
Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
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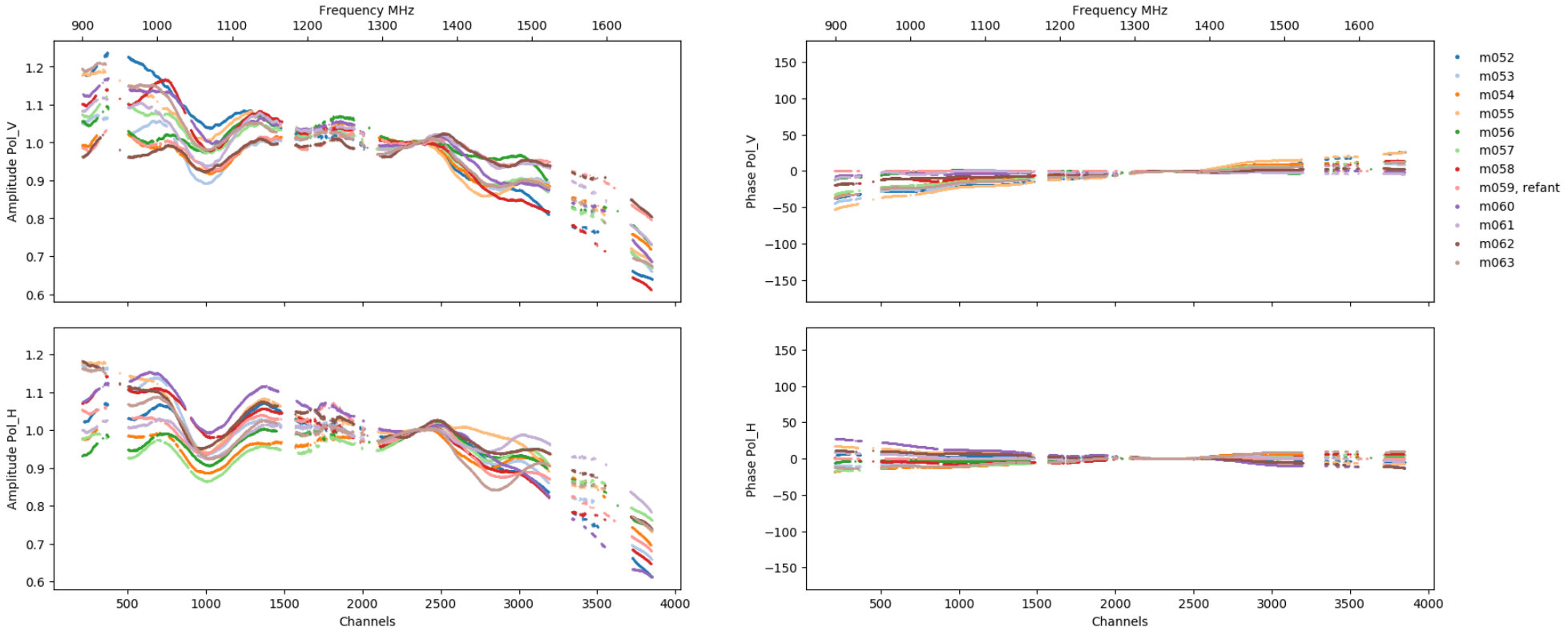
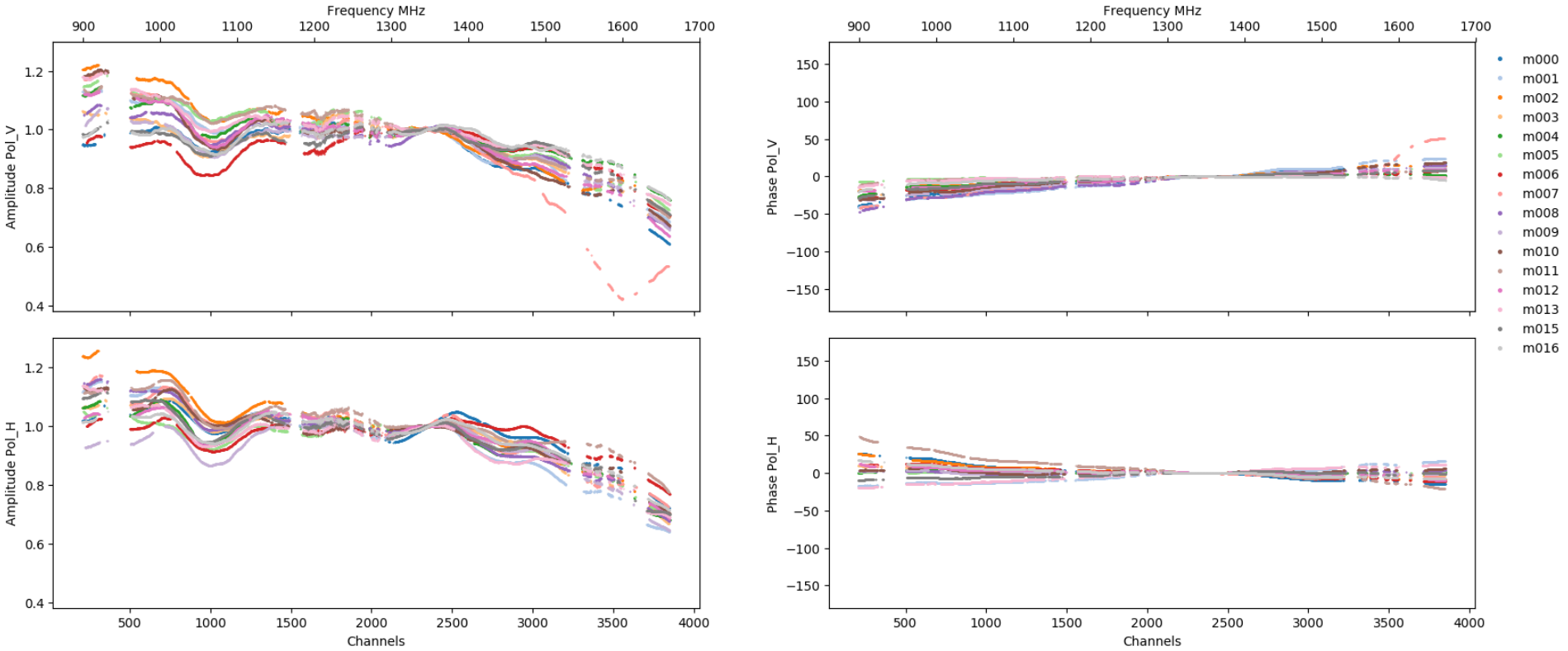


Time: 2019-05-10 22:52:44

Antennas flagged for all channels:

- V: None
- H: None


Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
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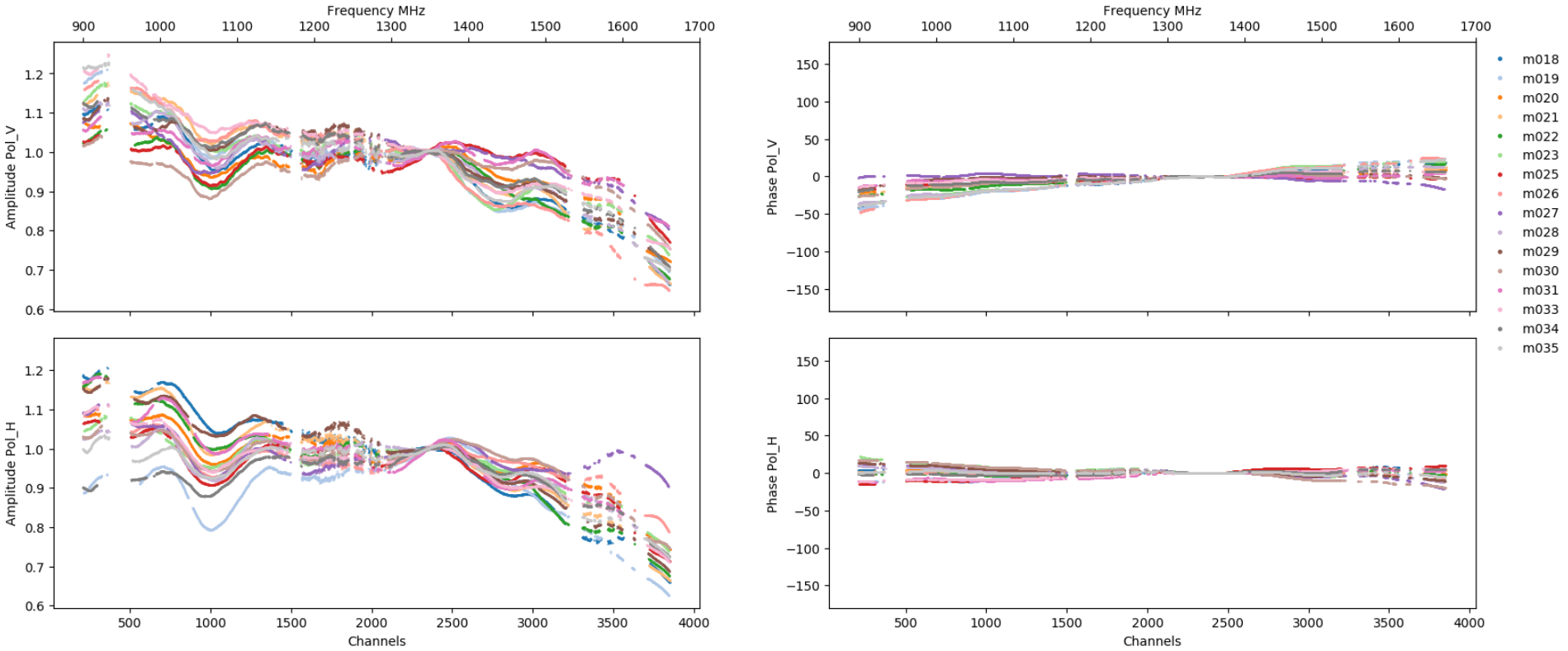
Frequency MHz
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Amplitude Pol_V
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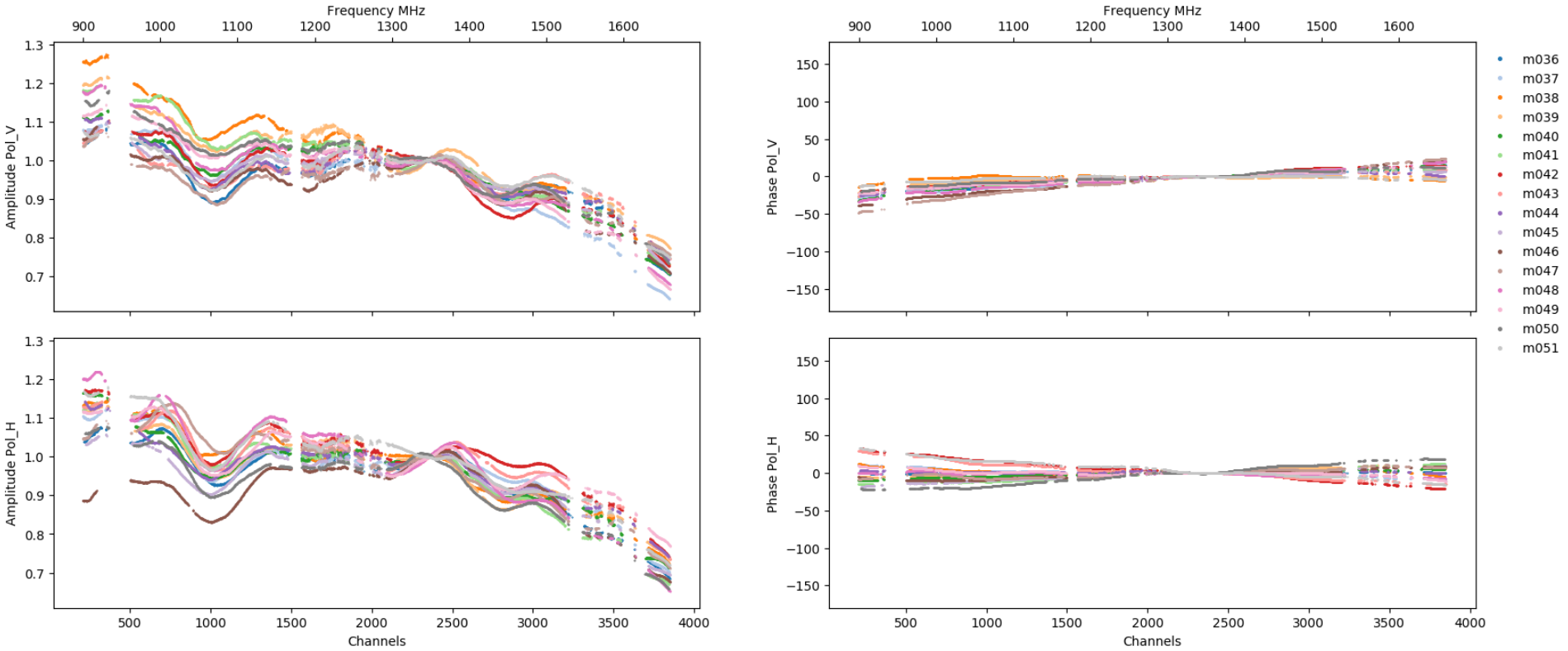
Frequency MHz
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Amplitude Pol_V
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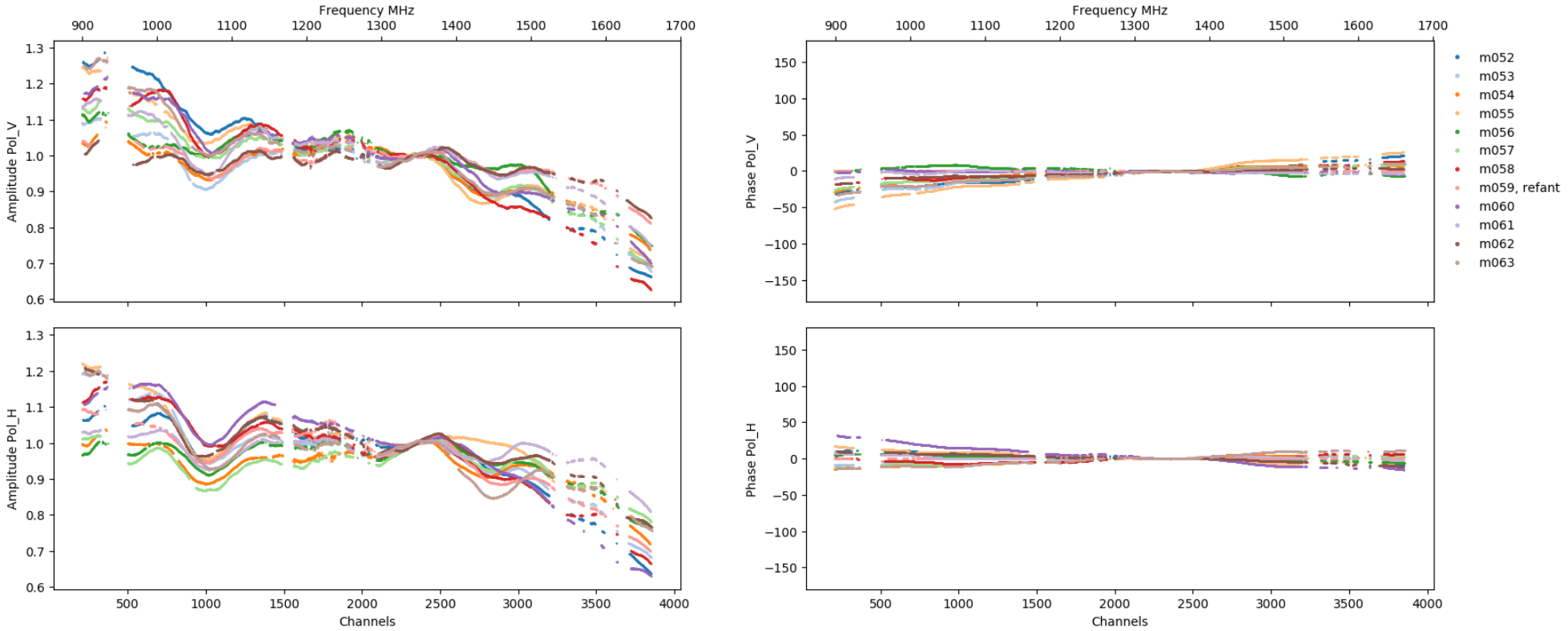
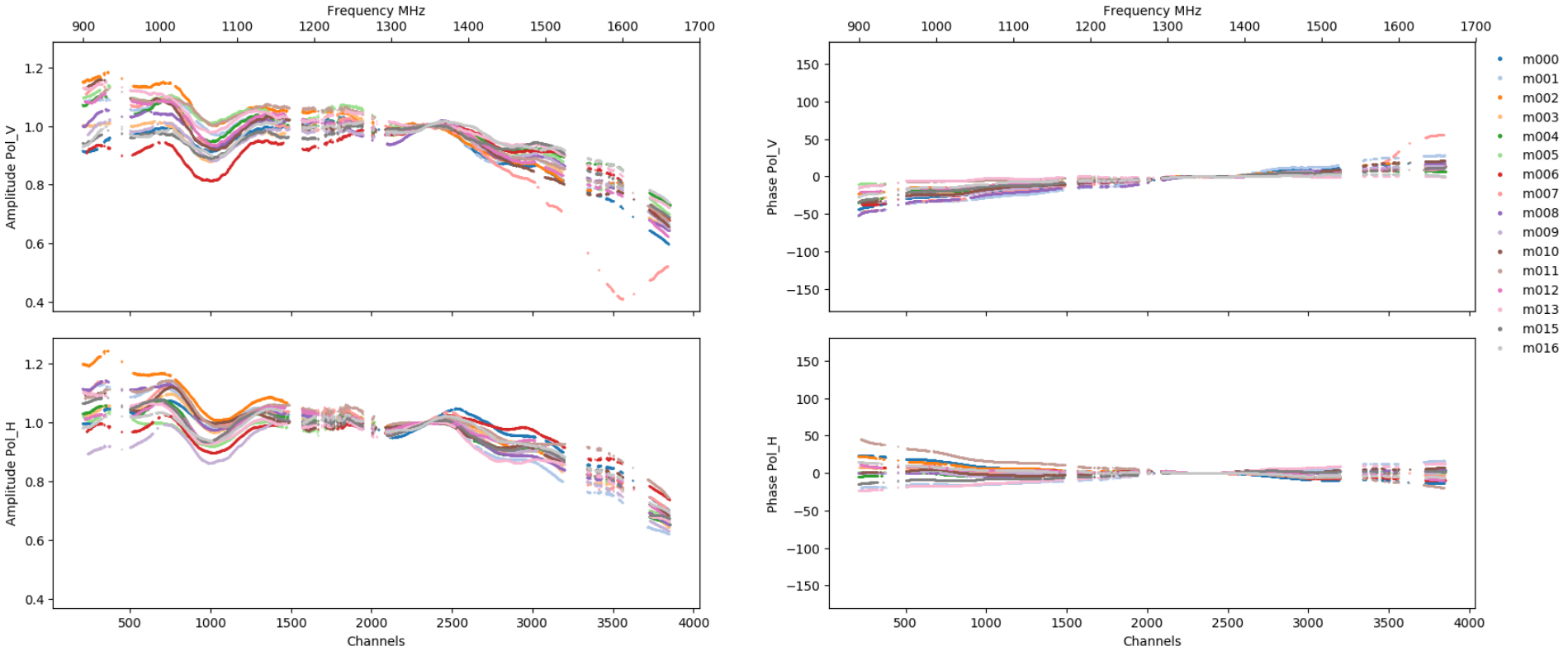


Time: 2019-05-10 22:59:20

Antennas flagged for all channels:

- V: None
- H: None


Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
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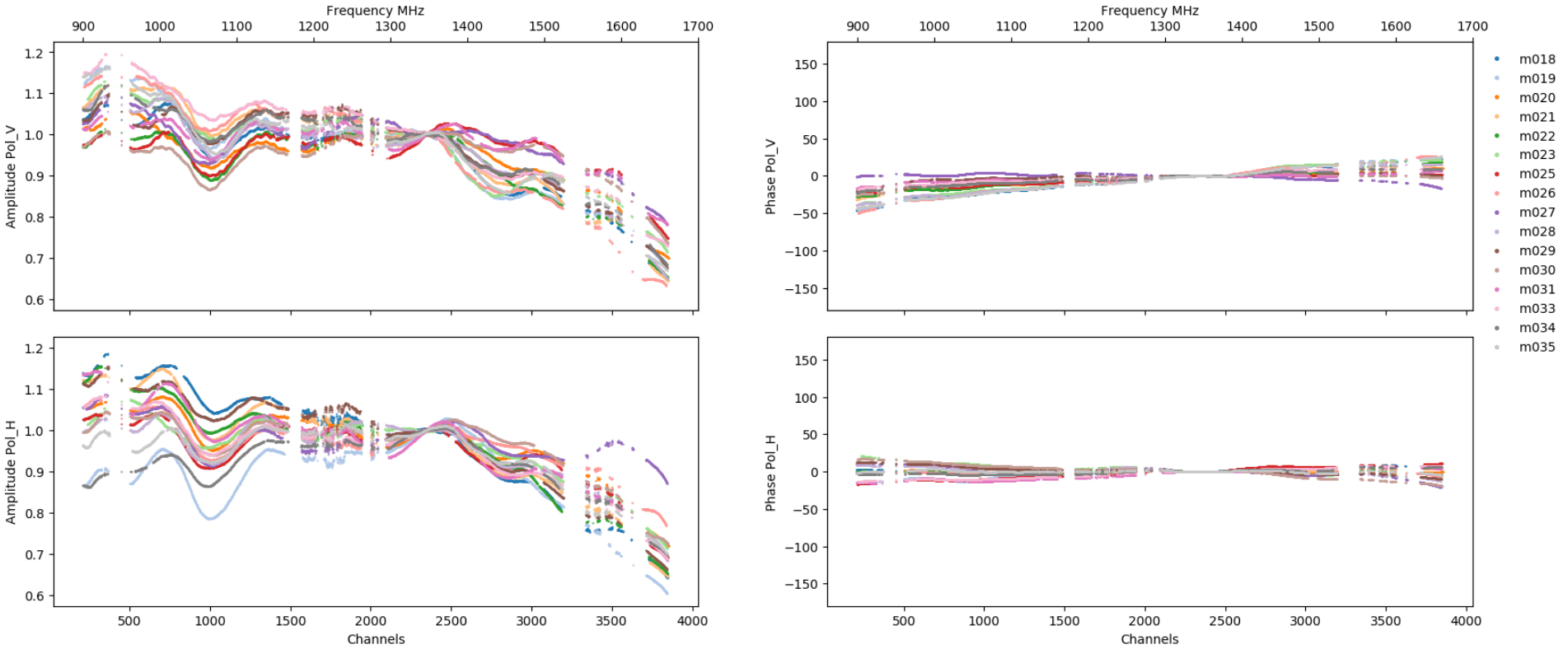
Frequency MHz
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Amplitude Pol_H
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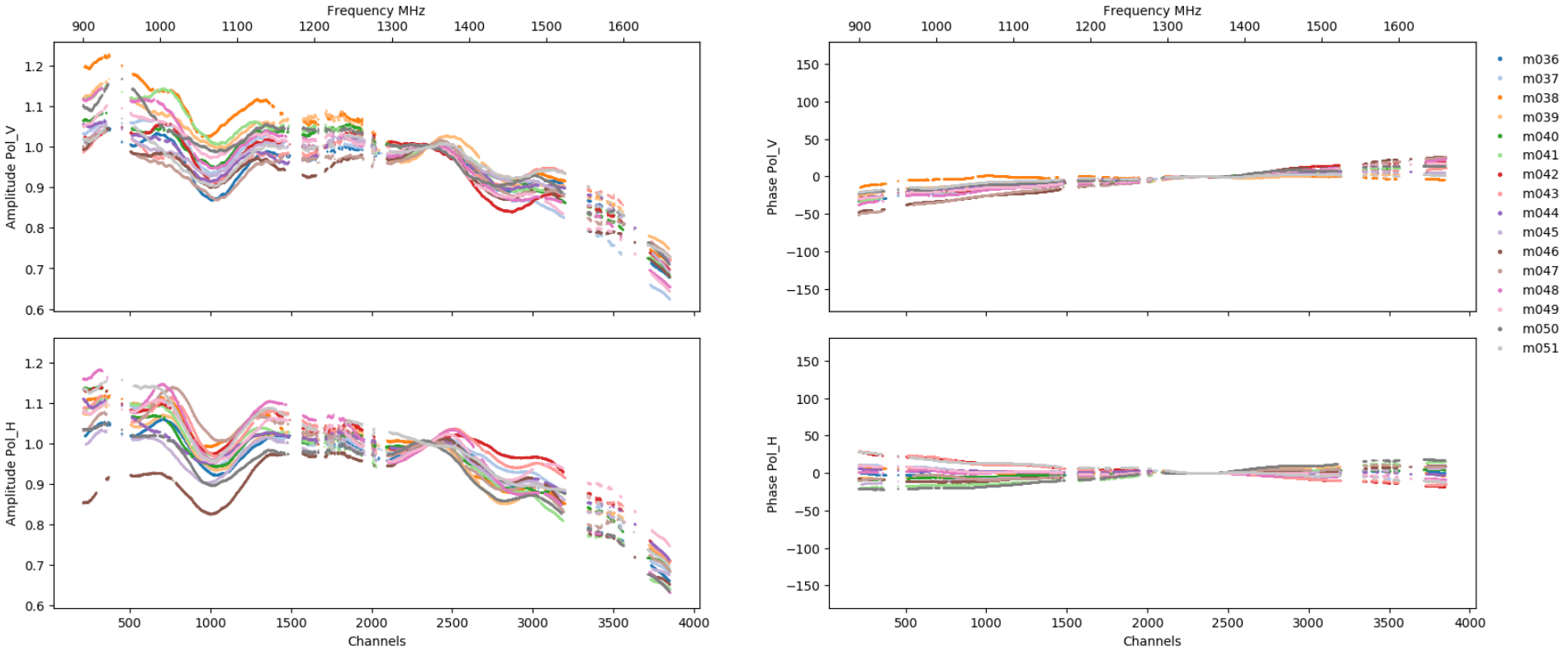
Frequency MHz
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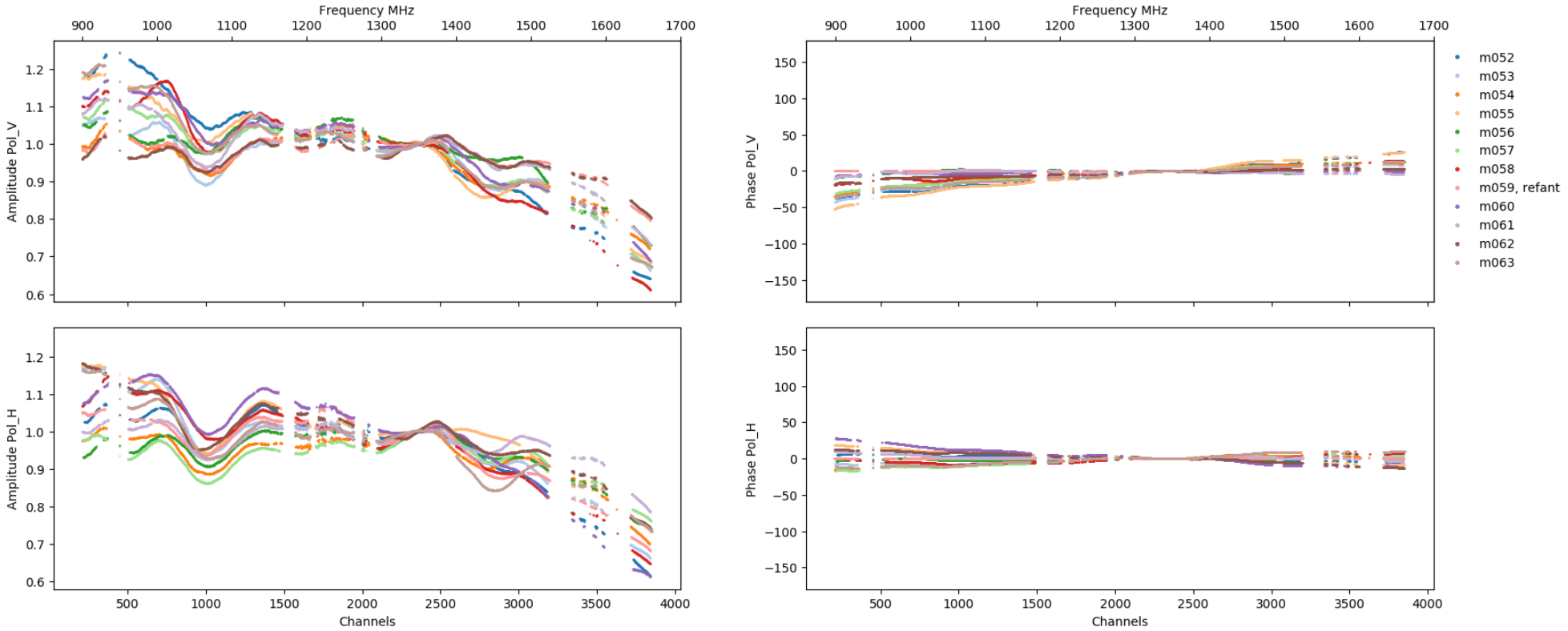
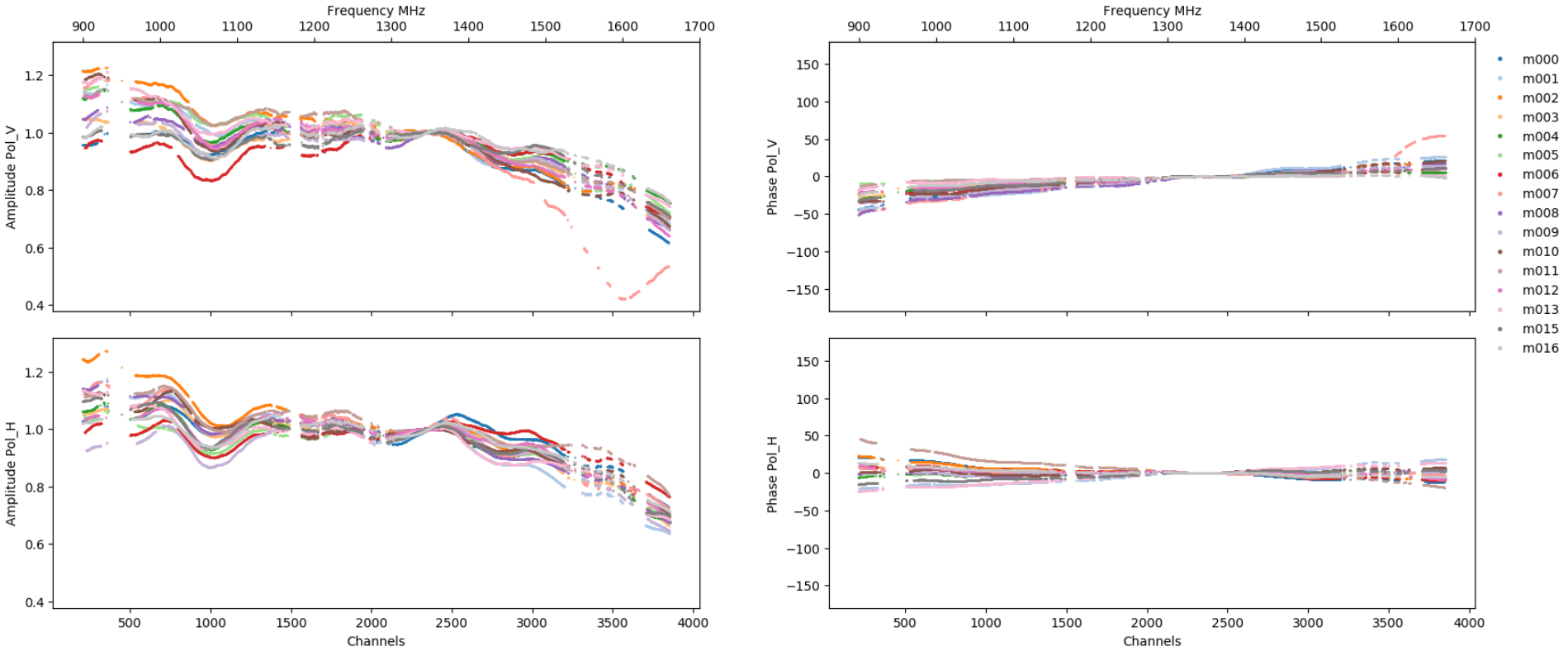


Time: 2019-05-10 23:06:00

Antennas flagged for all channels:

- V: None
- H: None


Frequency MHz
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Amplitude Pol_H
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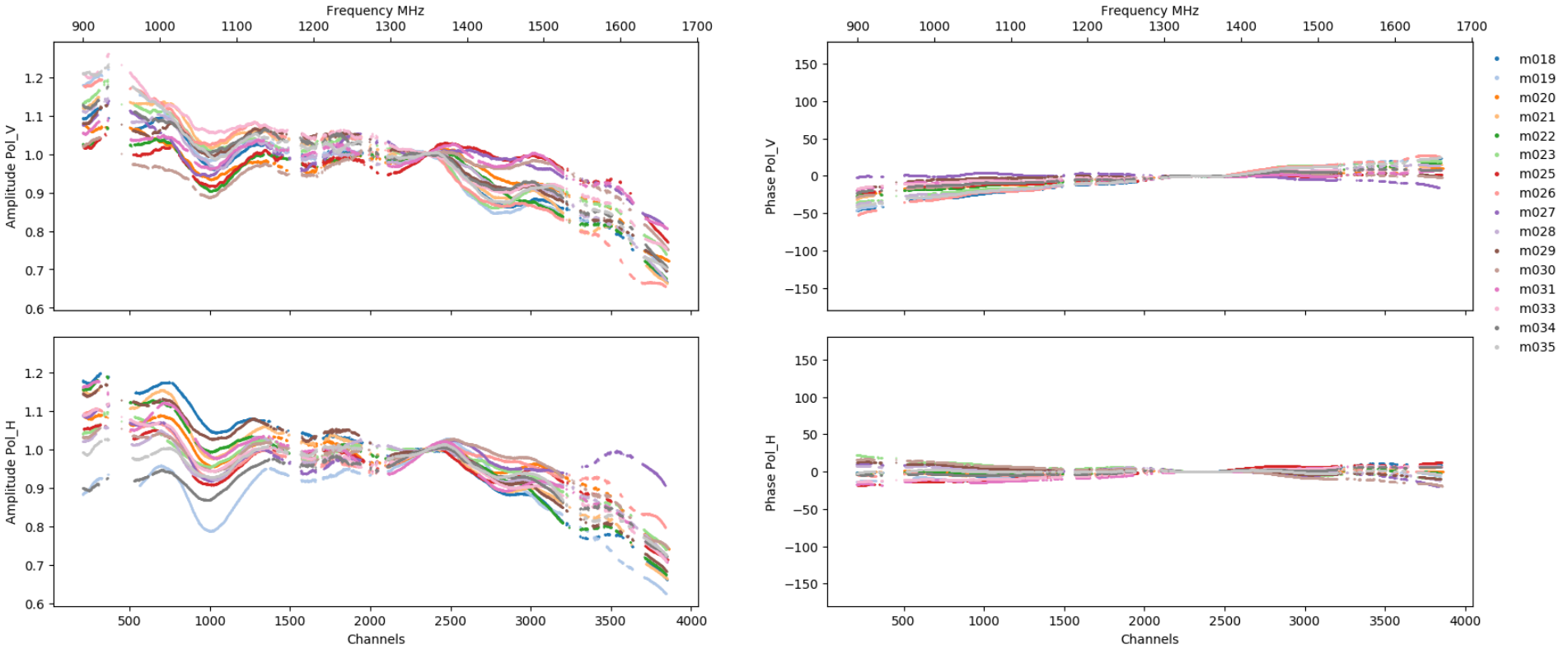
Frequency MHz
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Amplitude Pol_V
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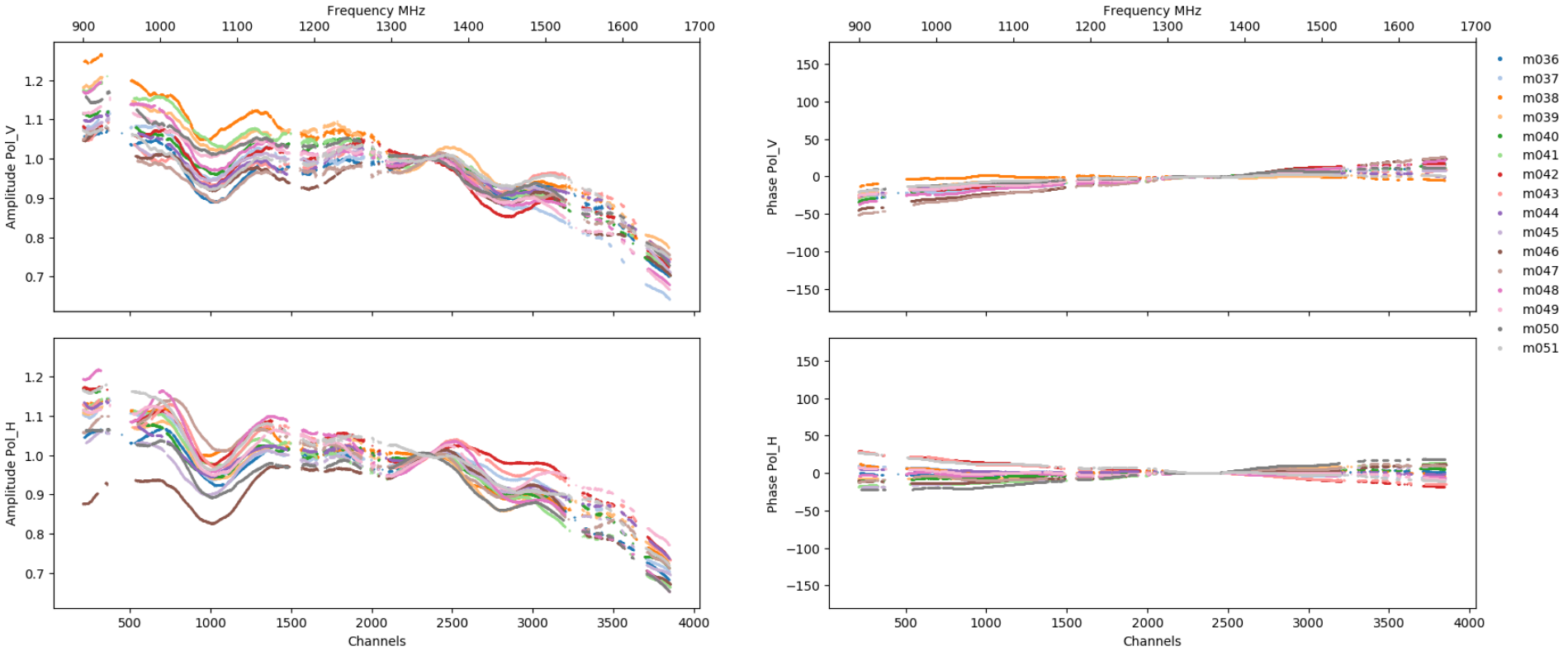
Frequency MHz
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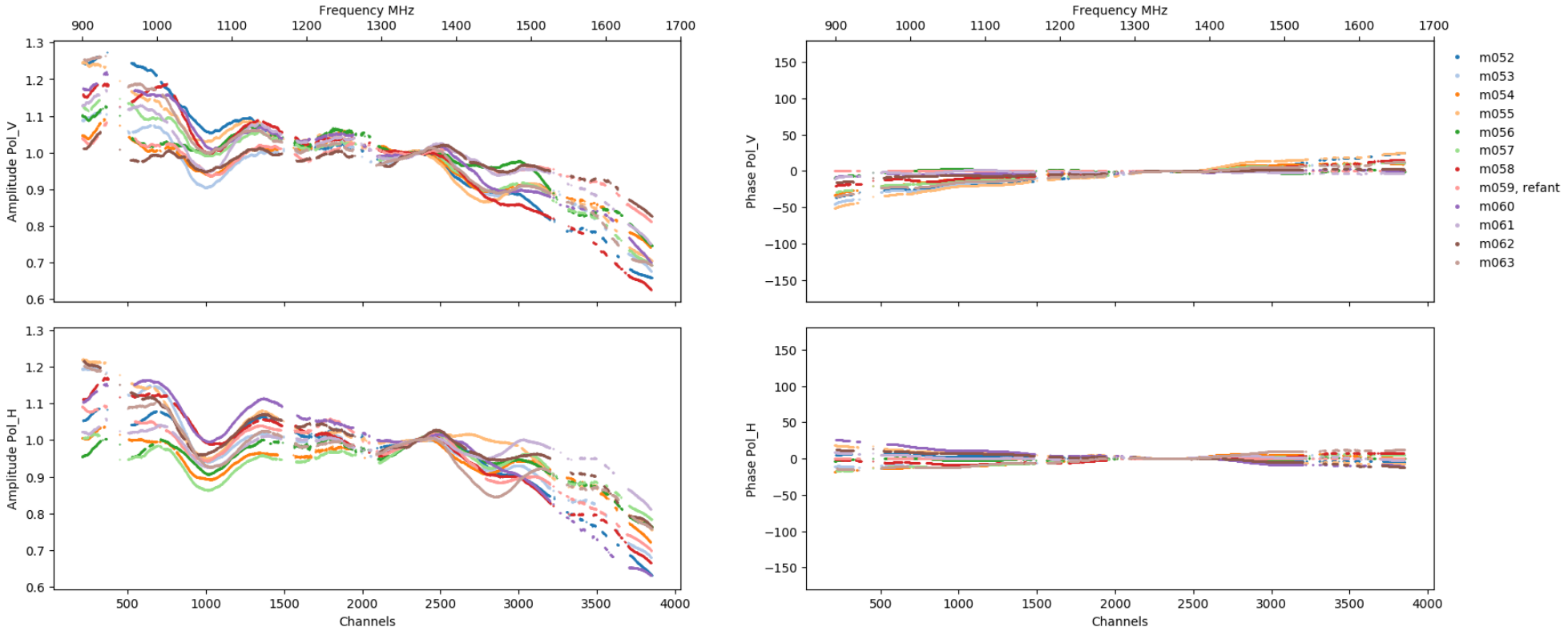
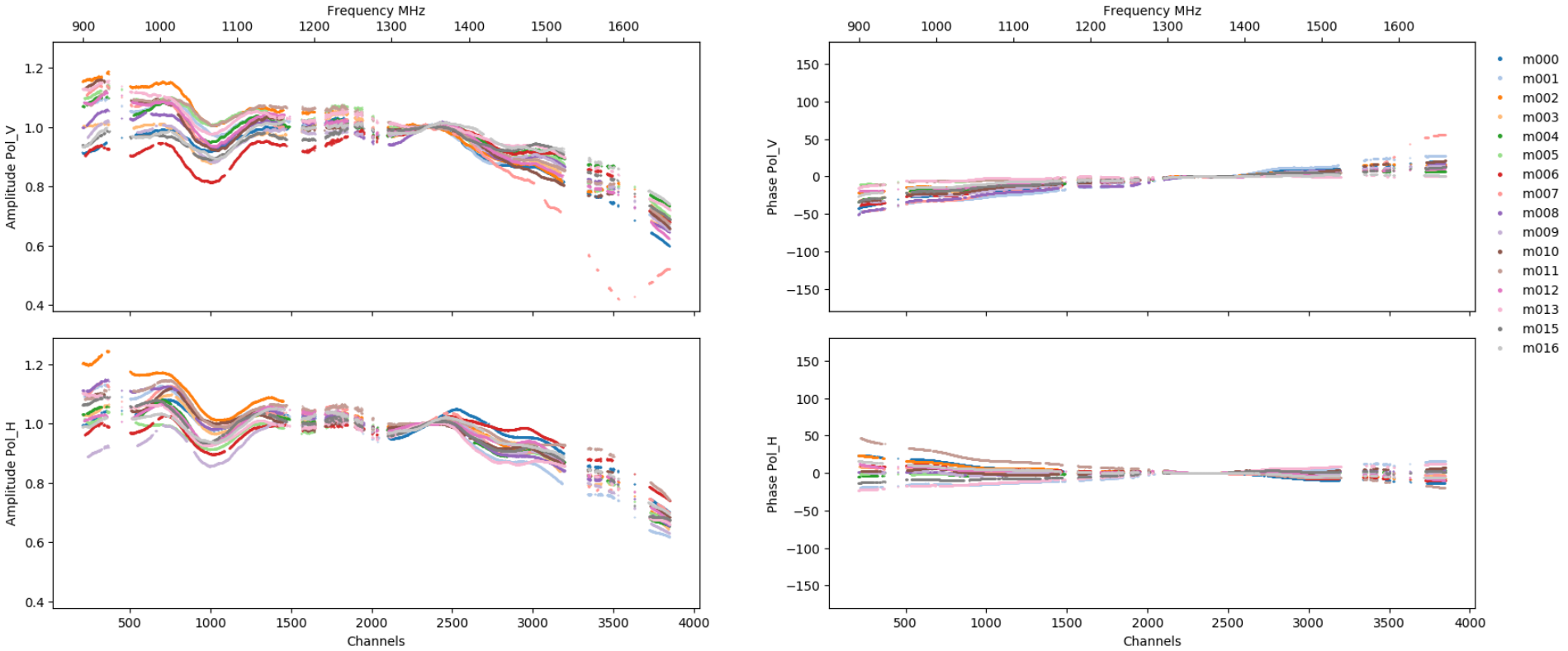


Time: 2019-05-10 23:12:40

Antennas flagged for all channels:

- V: None
- H: None


Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
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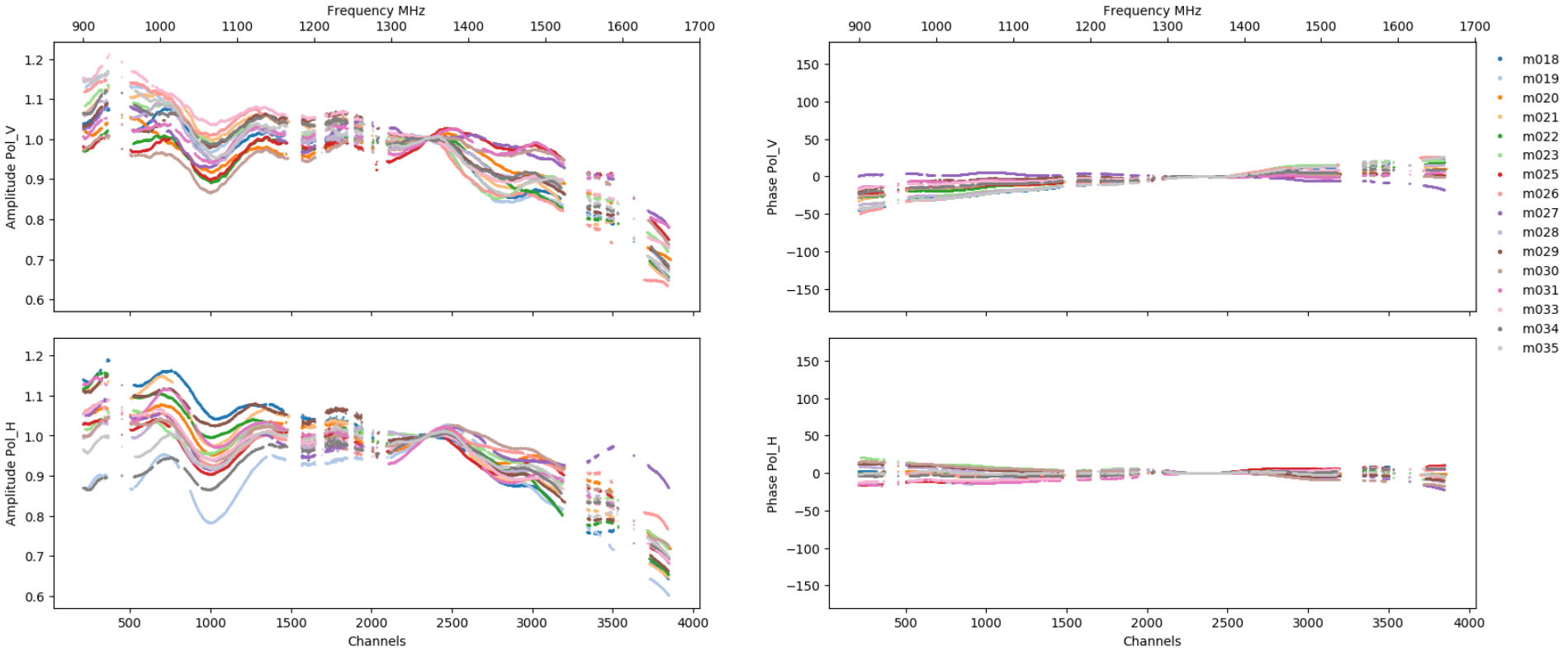
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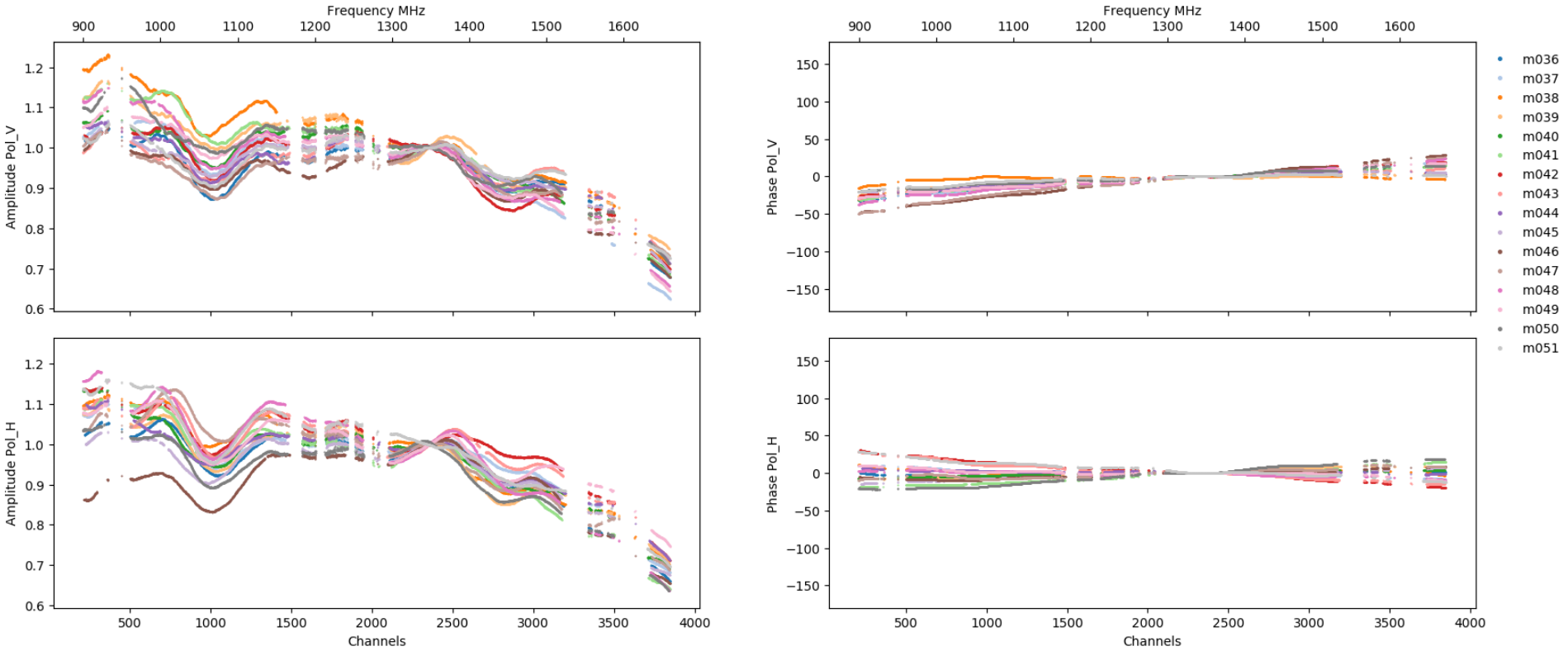
Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
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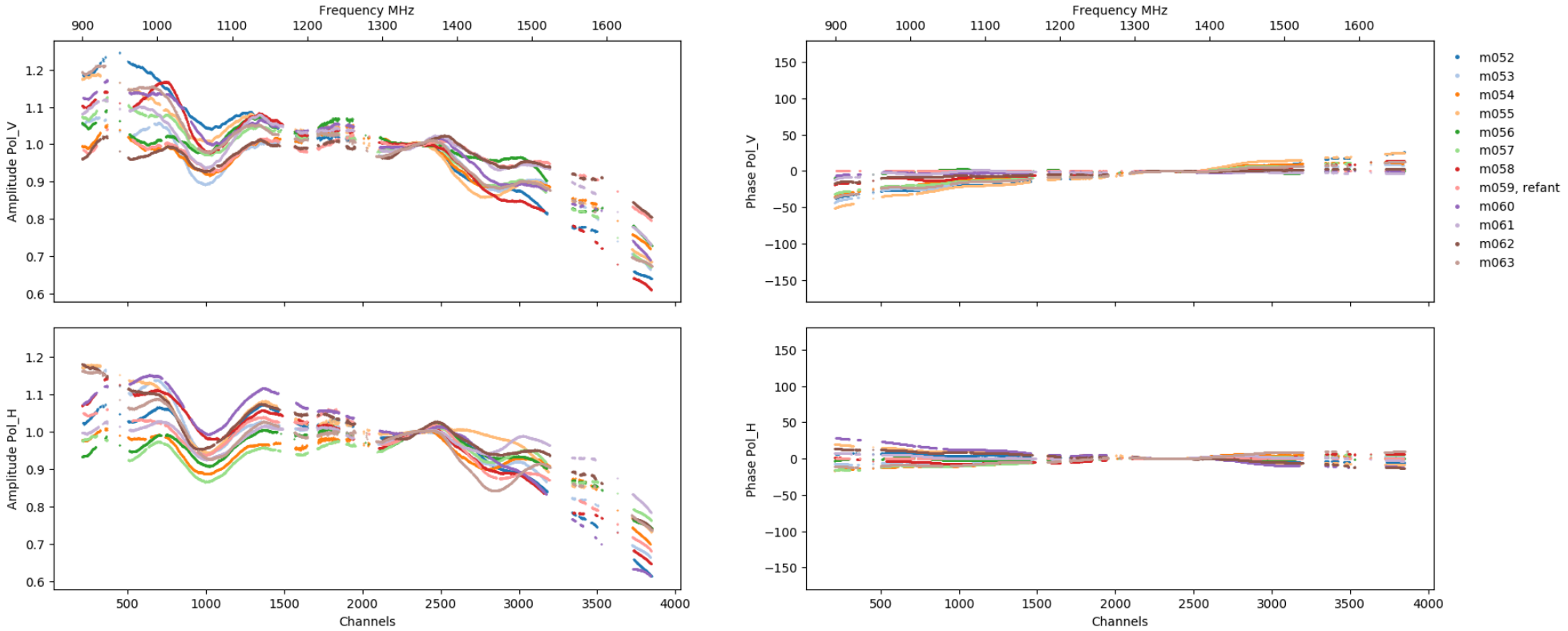
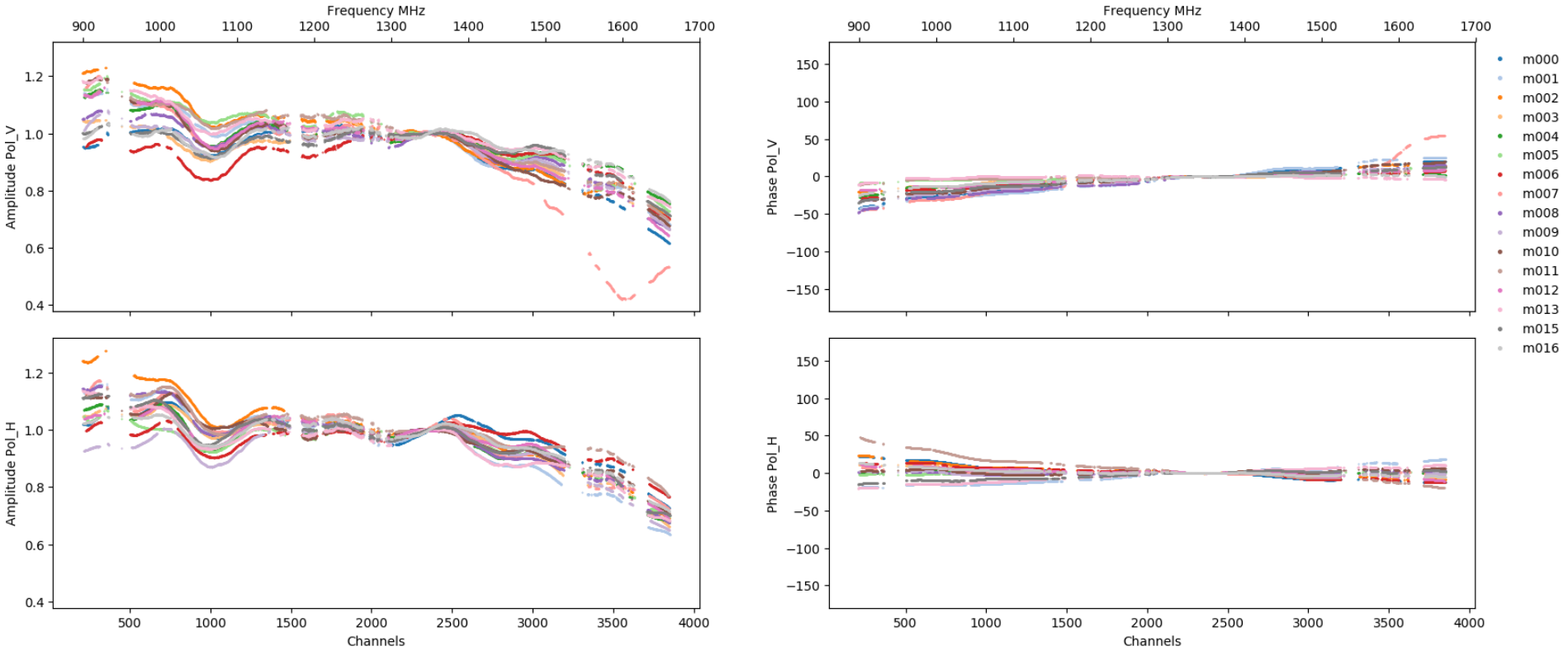


Time: 2019-05-10 23:19:20

Antennas flagged for all channels:

- V: None
- H: None


Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
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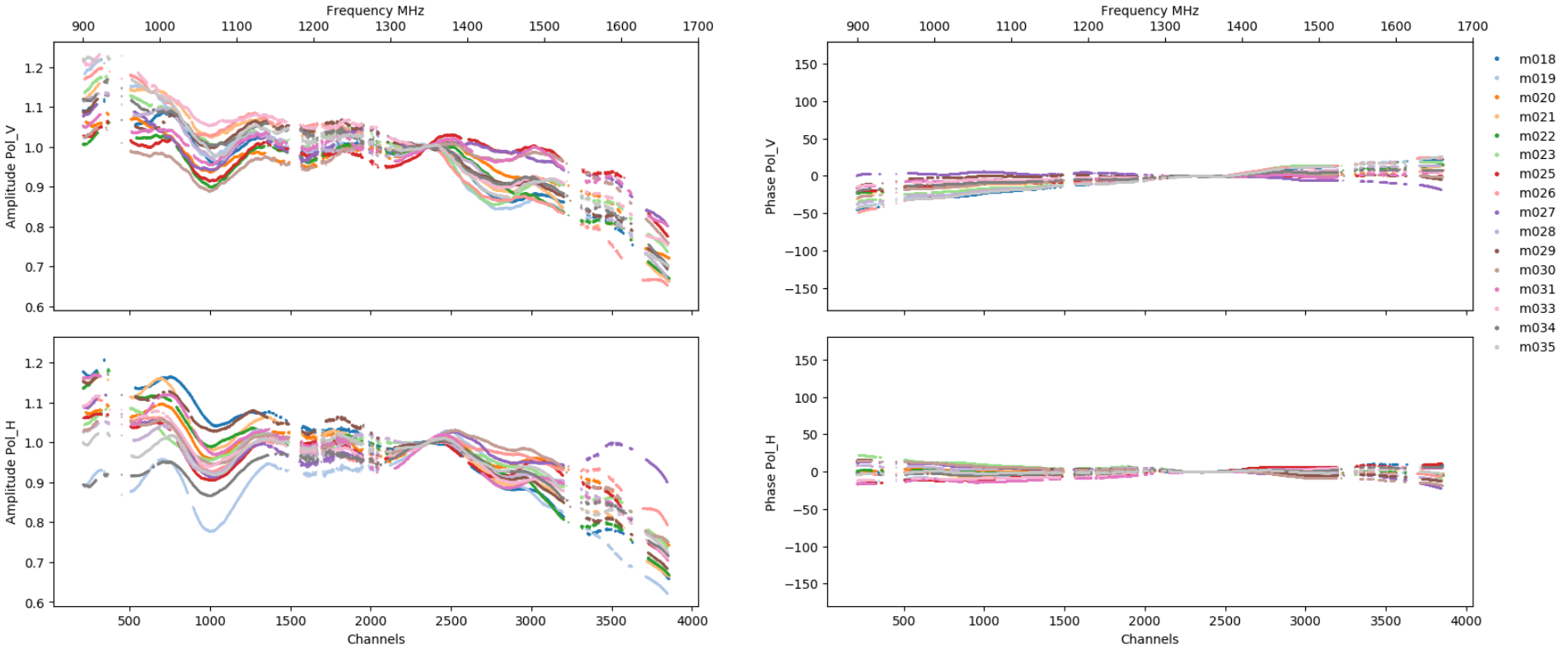
Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
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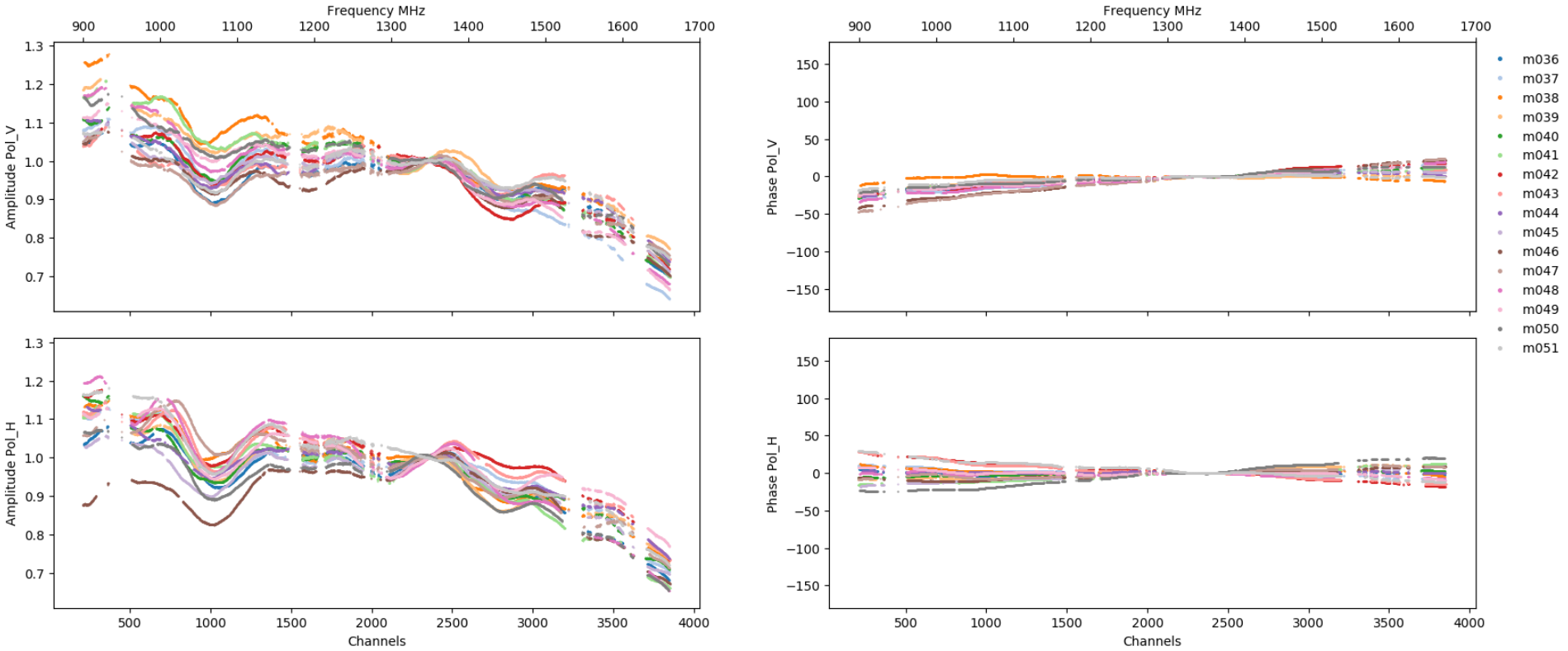
Frequency MHz
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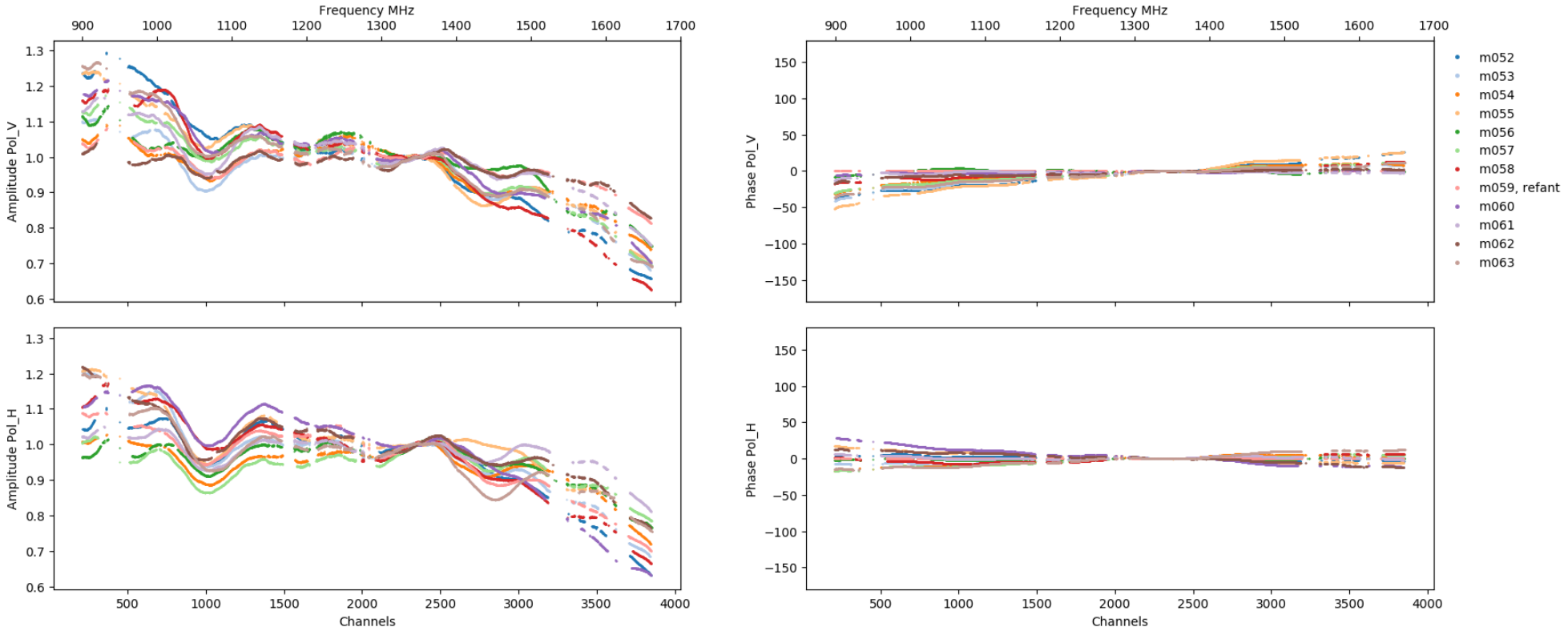
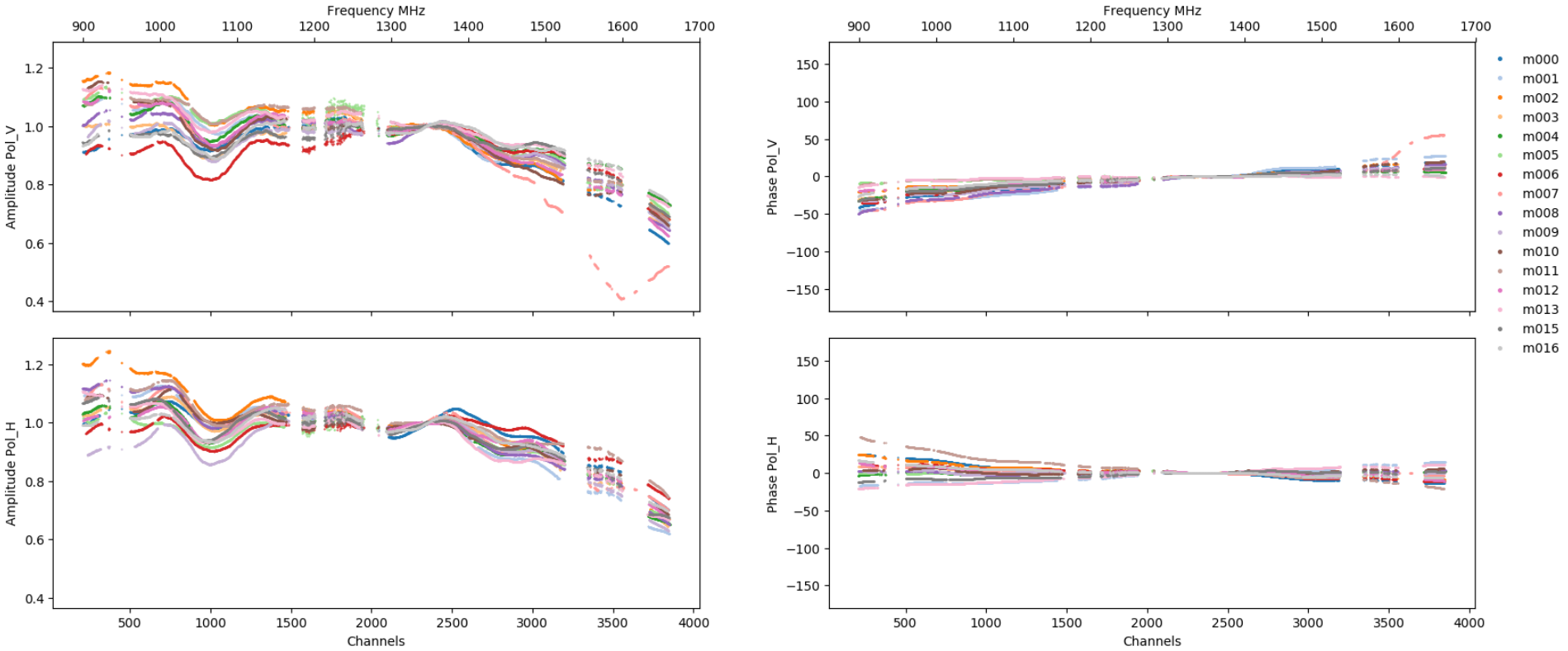


Time: 2019-05-10 23:26:03

Antennas flagged for all channels:

- V: None
- H: None


Frequency MHz
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Phase Pol_V
Phase Pol_H
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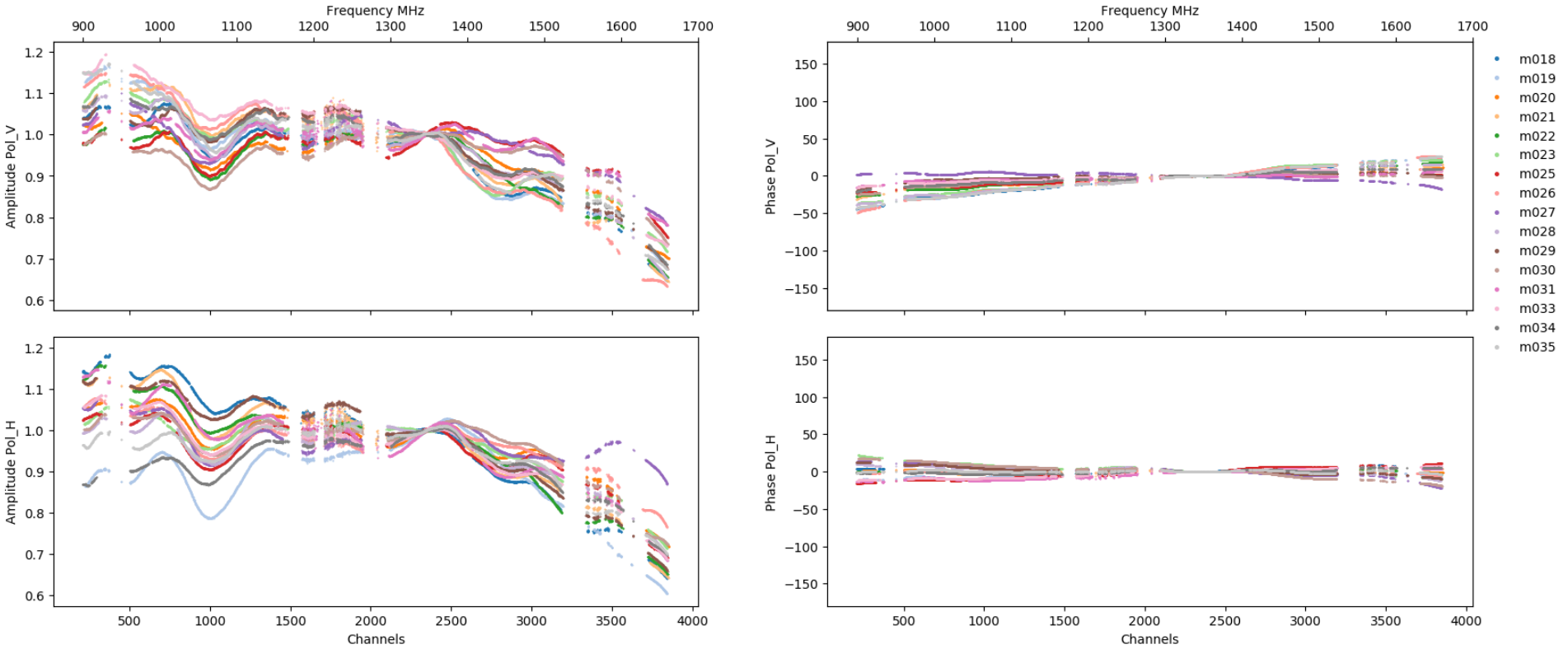
Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
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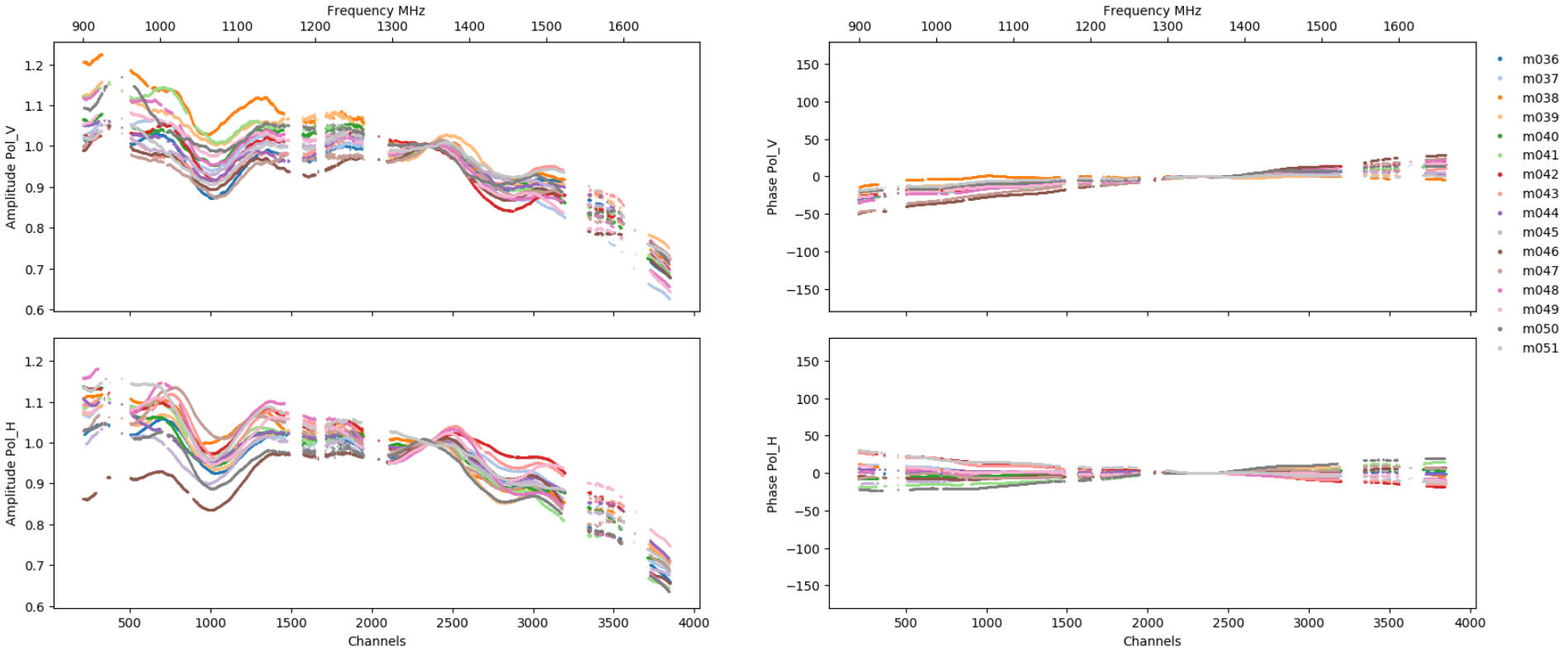
Frequency MHz
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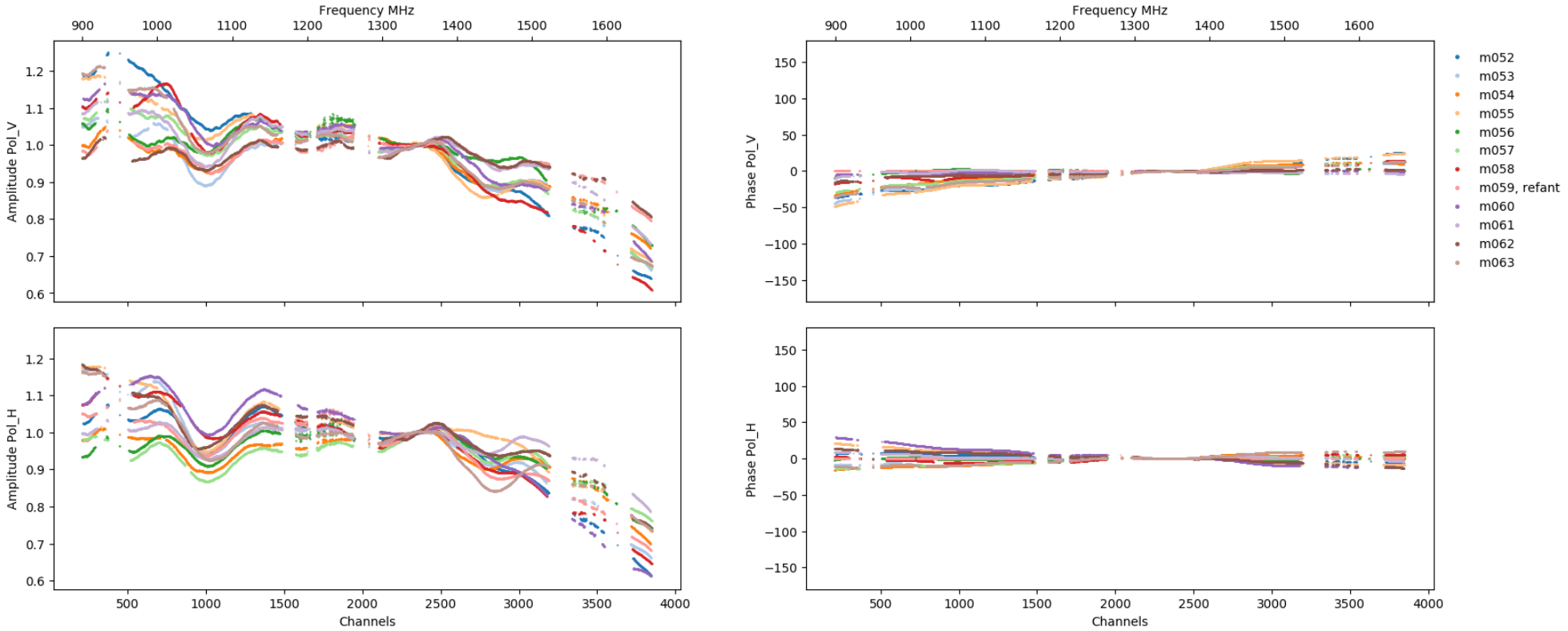
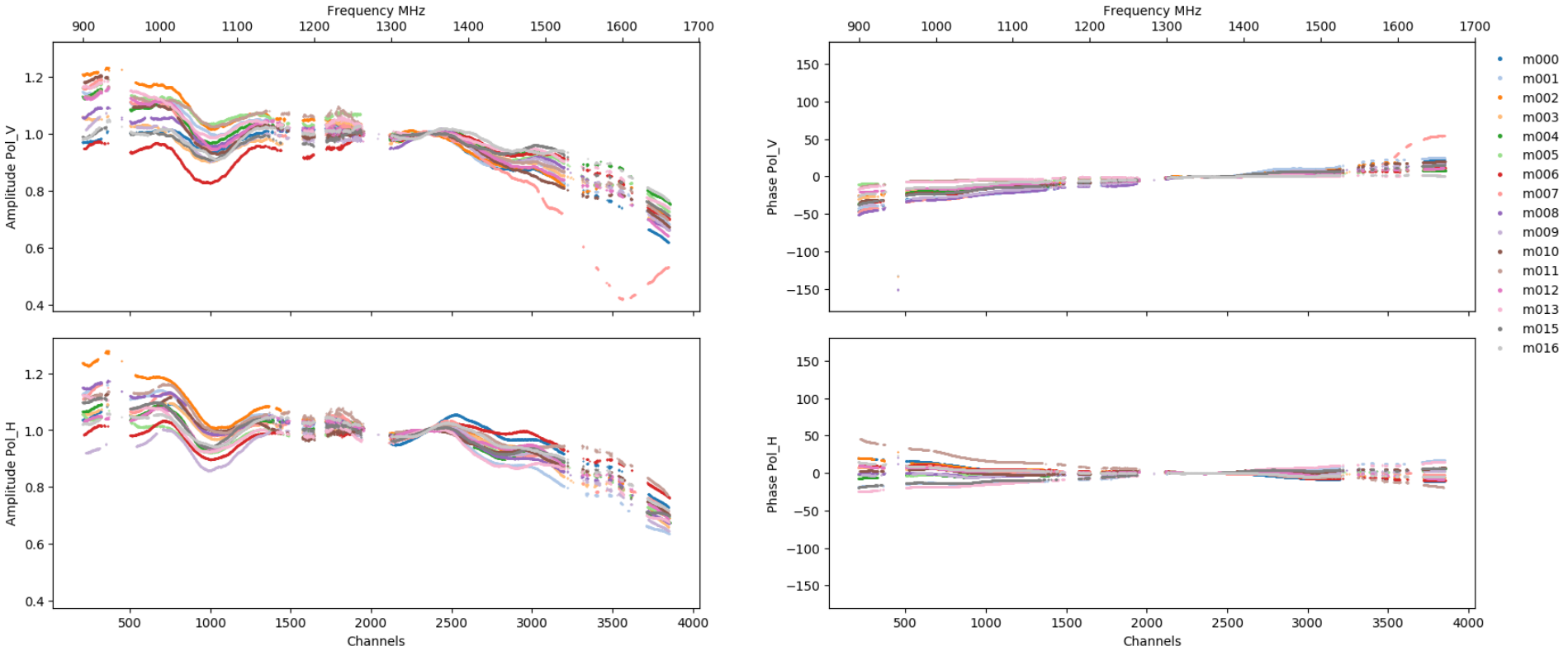


Time: 2019-05-10 23:31:07

Antennas flagged for all channels:

- V: None
- H: None


Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
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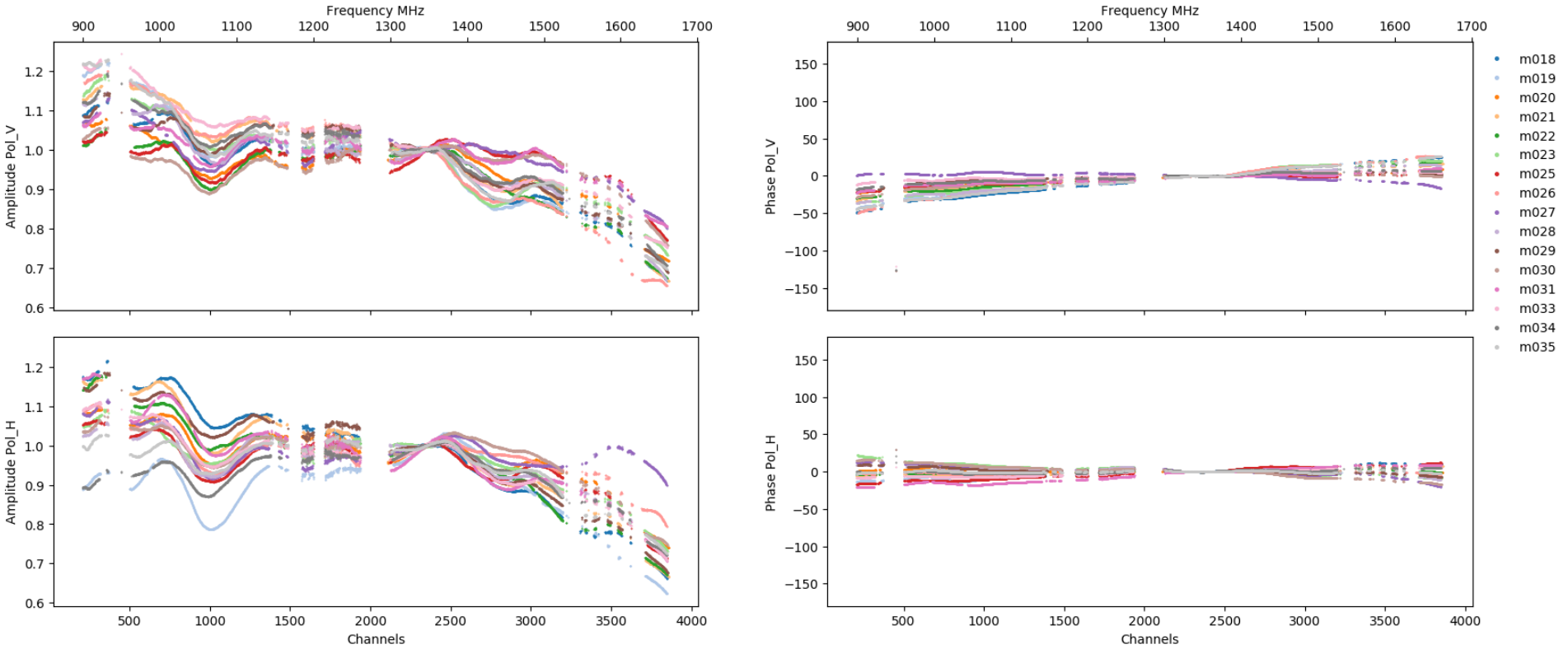
Frequency MHz
900
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1300
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1700
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
500
1000
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3500
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m018
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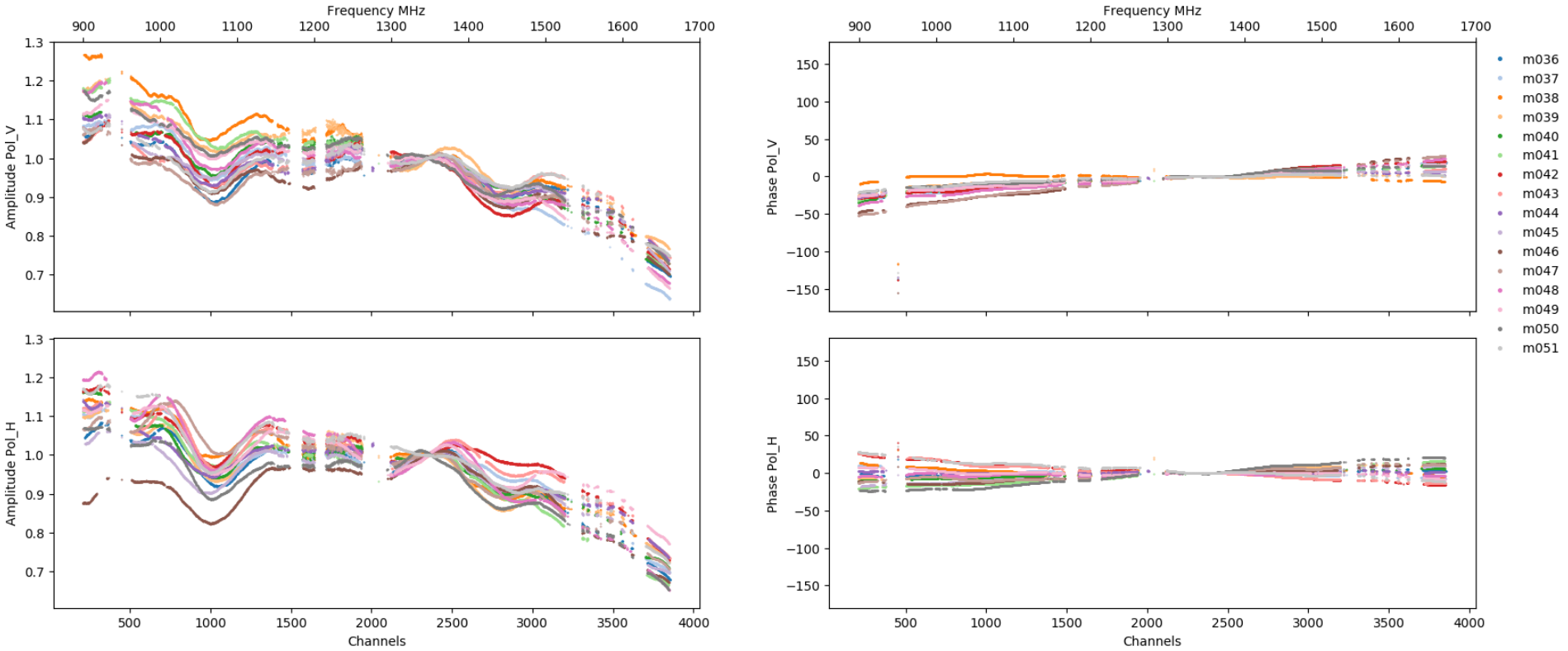
m035


Frequency MHz
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
m036
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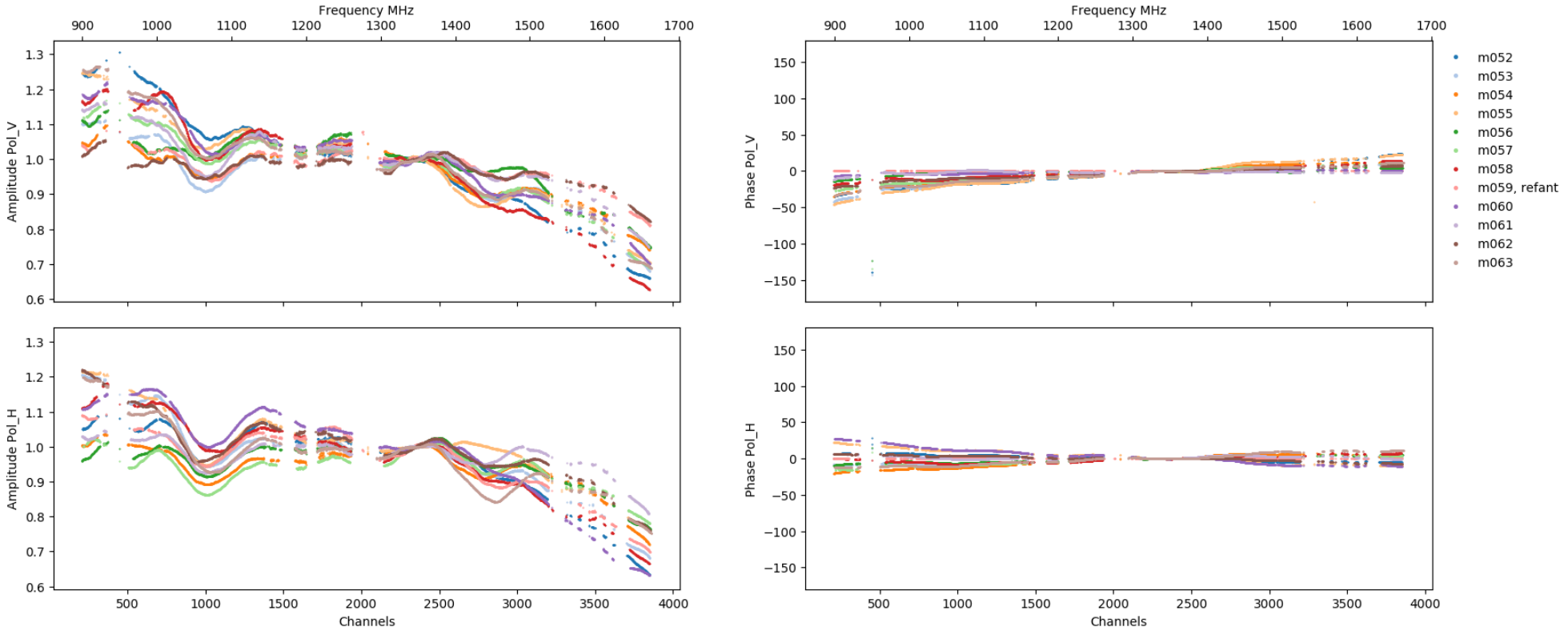
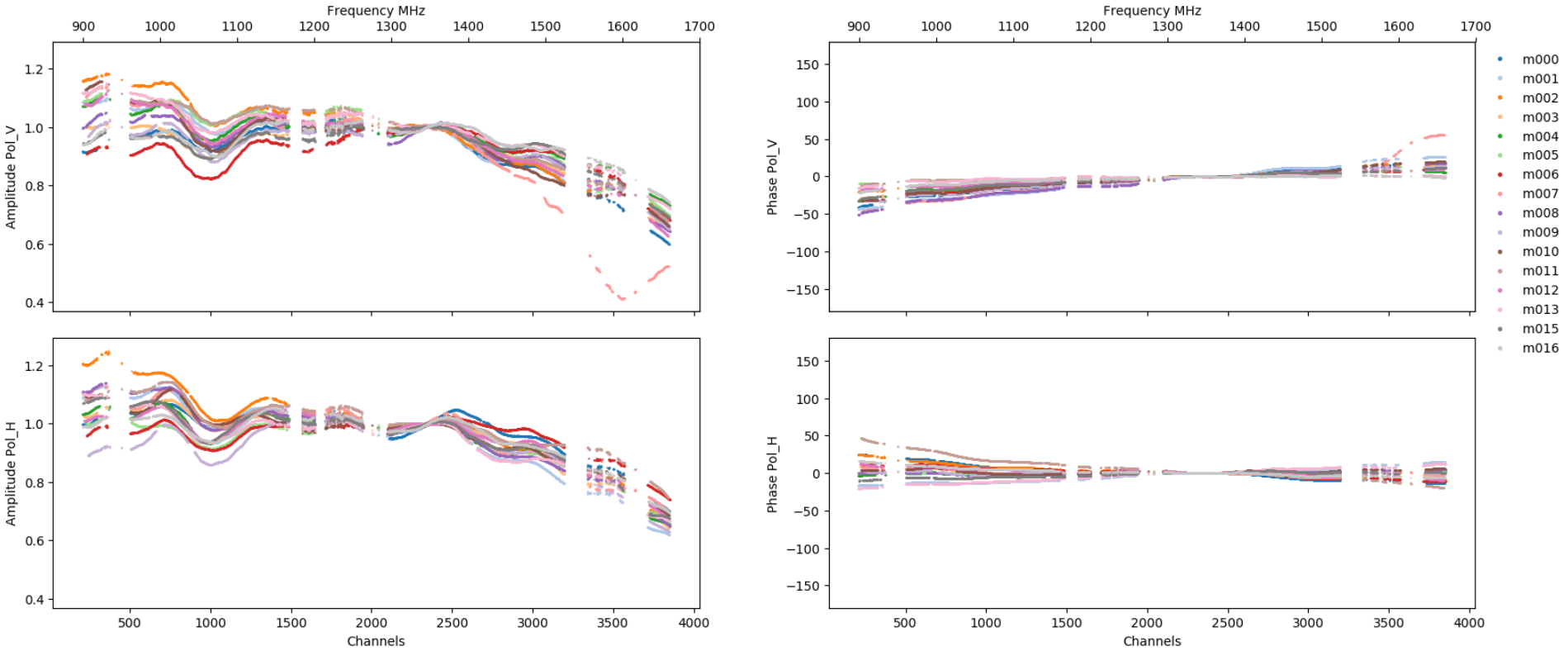
m051



Time: 2019-05-10 23:37:47

Antennas flagged for all channels:

- V: None
- H: None


Frequency MHz
900
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1400
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
500
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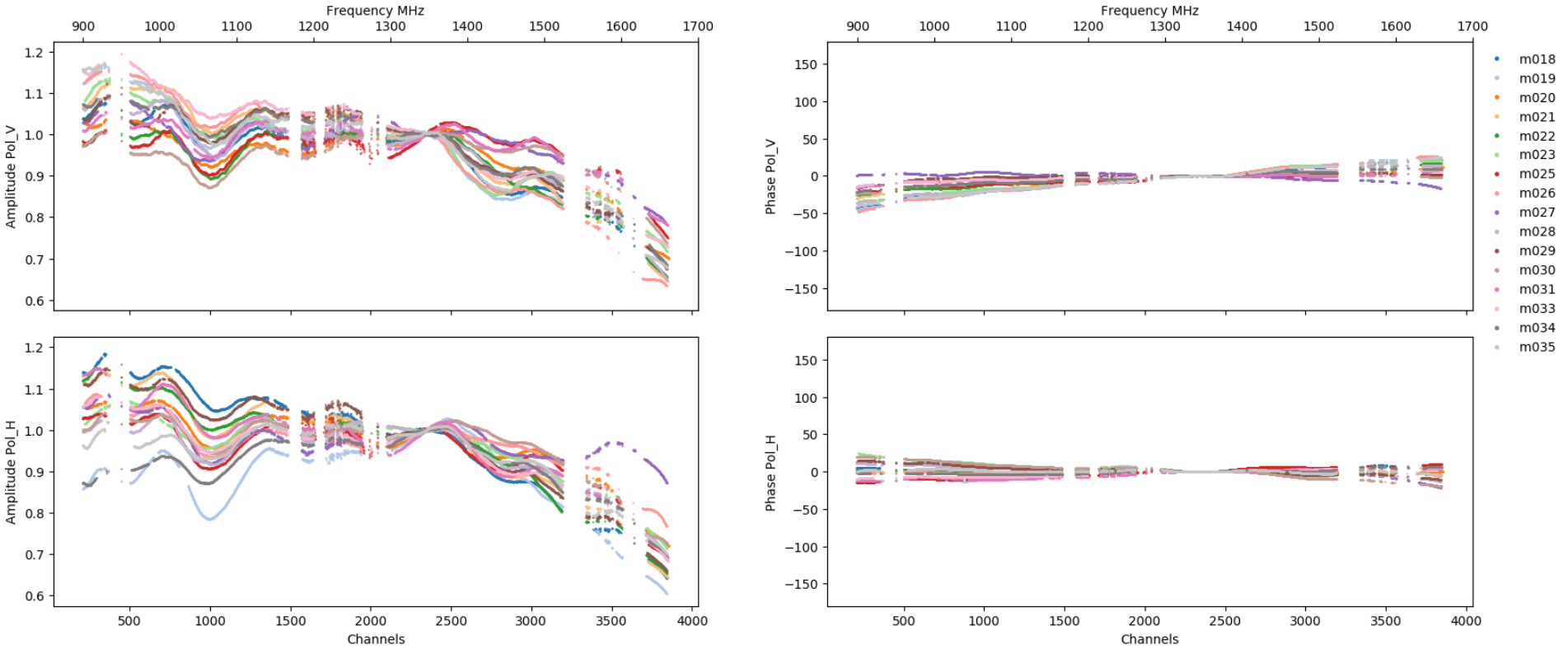
Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
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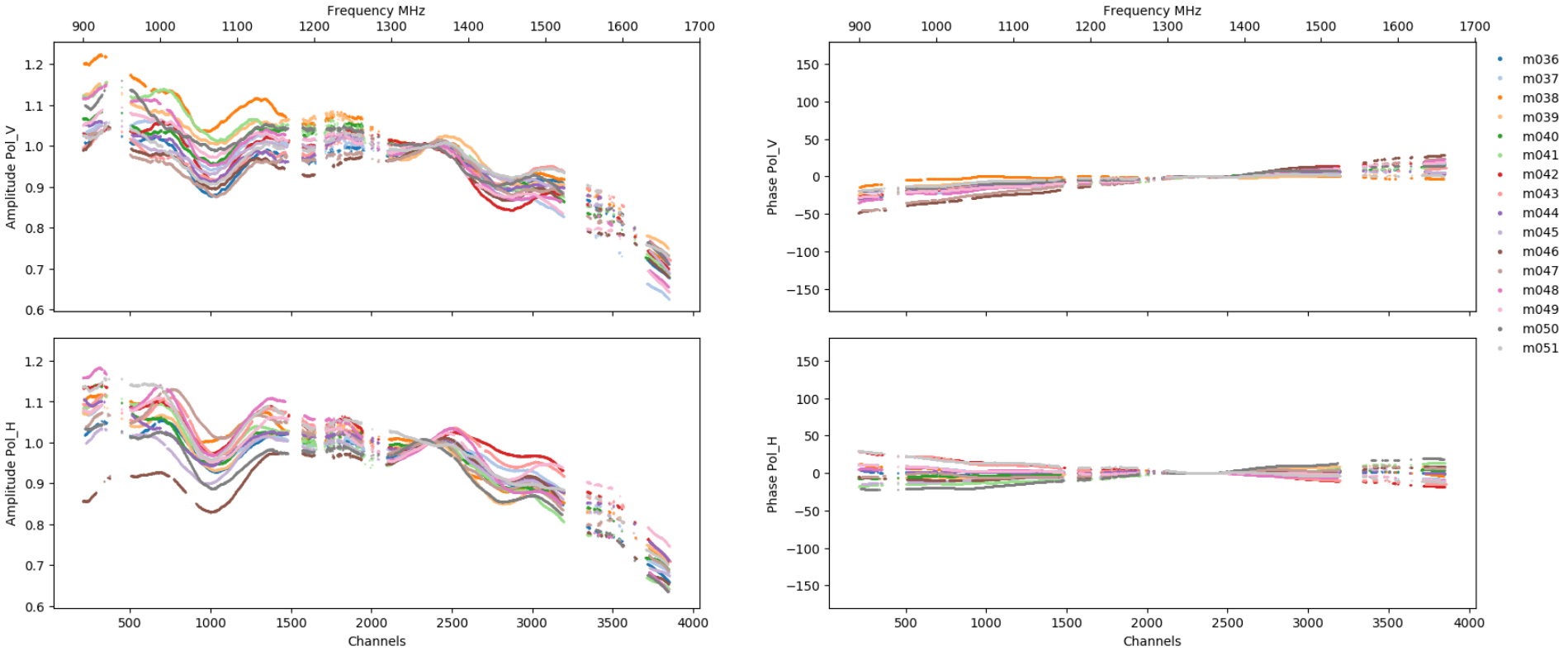
Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
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Channels
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m036
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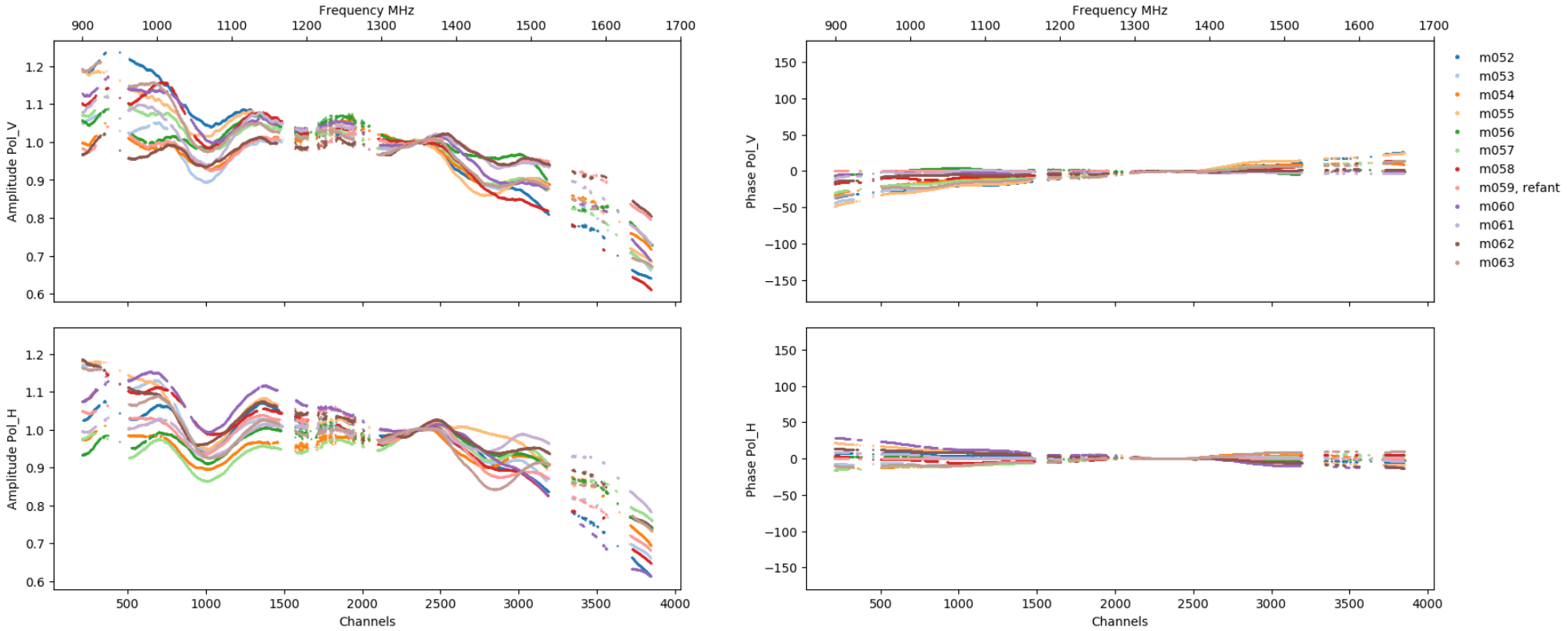
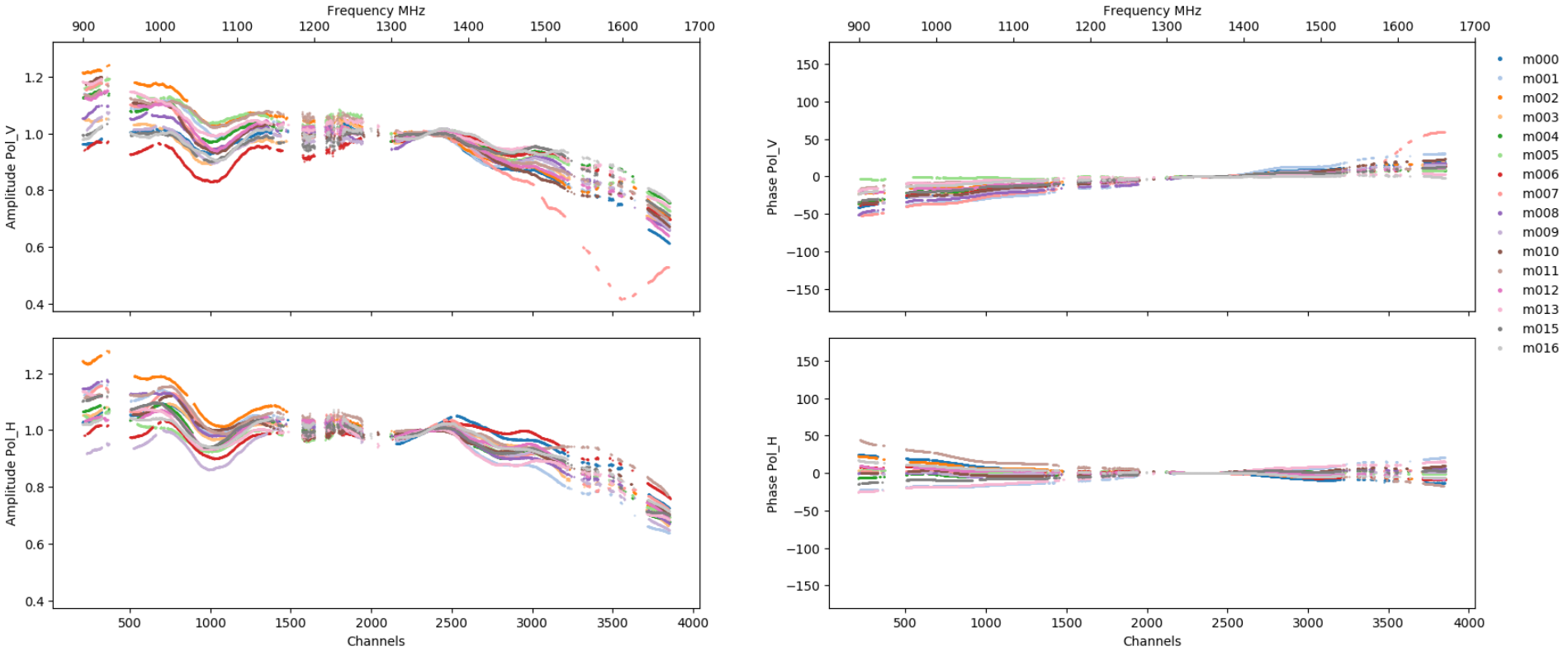


Time: 2019-05-10 23:44:35

Antennas flagged for all channels:

- V: None
- H: None


Frequency MHz
900
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1700
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
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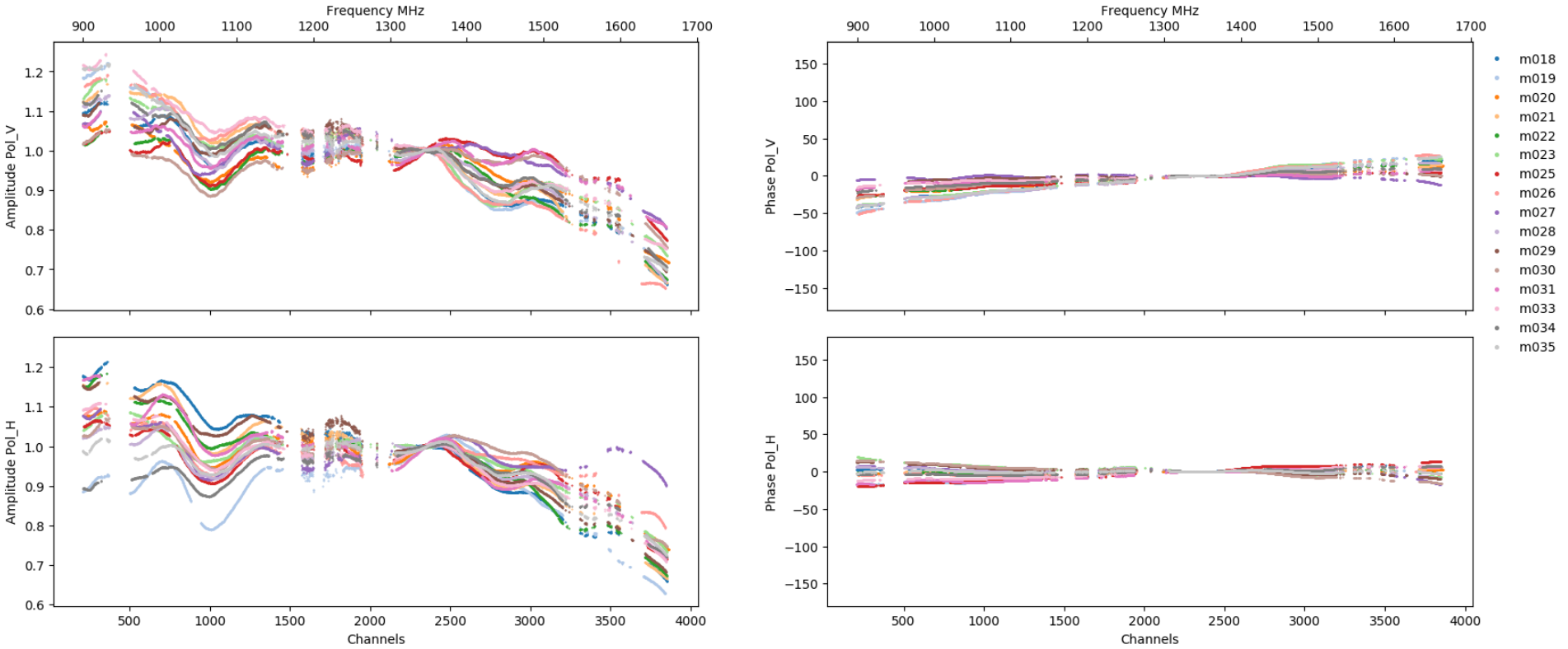
Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
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Channels
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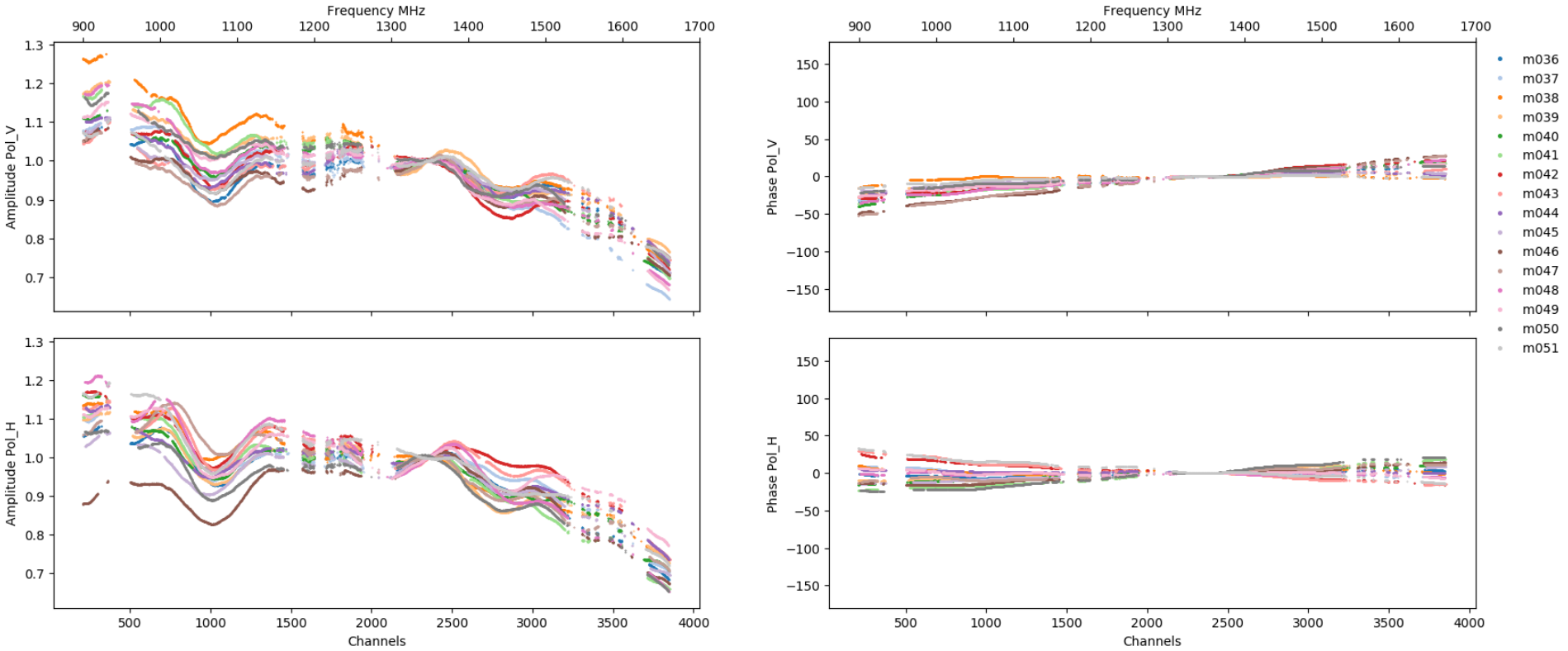
Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
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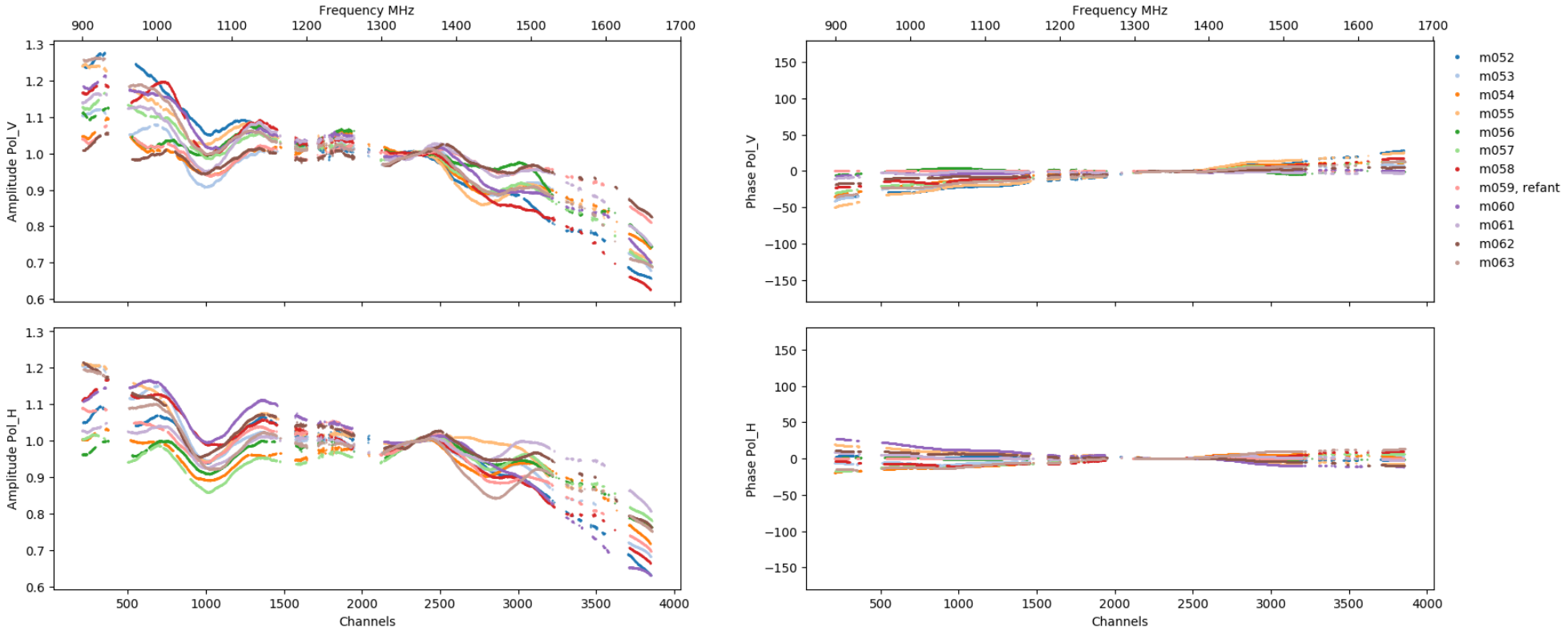
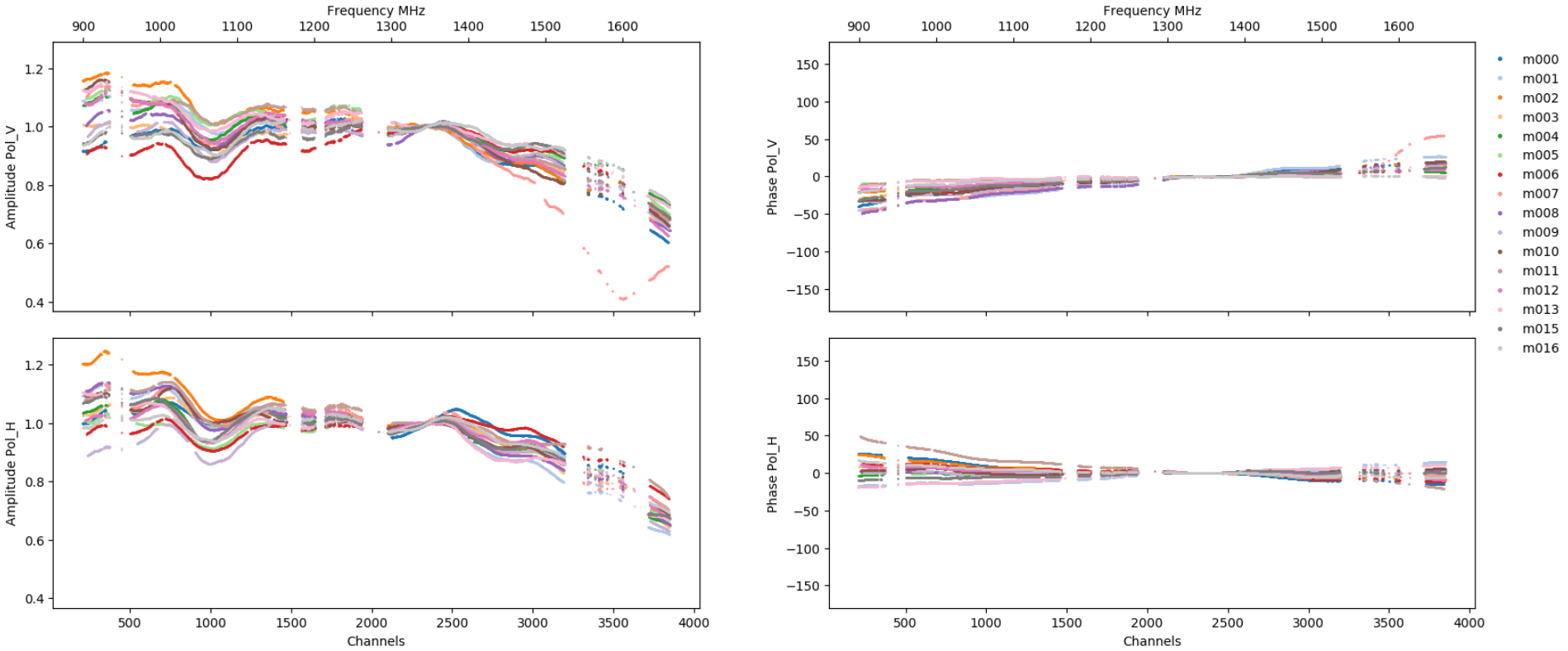


Time: 2019-05-10 23:51:15

Antennas flagged for all channels:

- V: None
- H: None


Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
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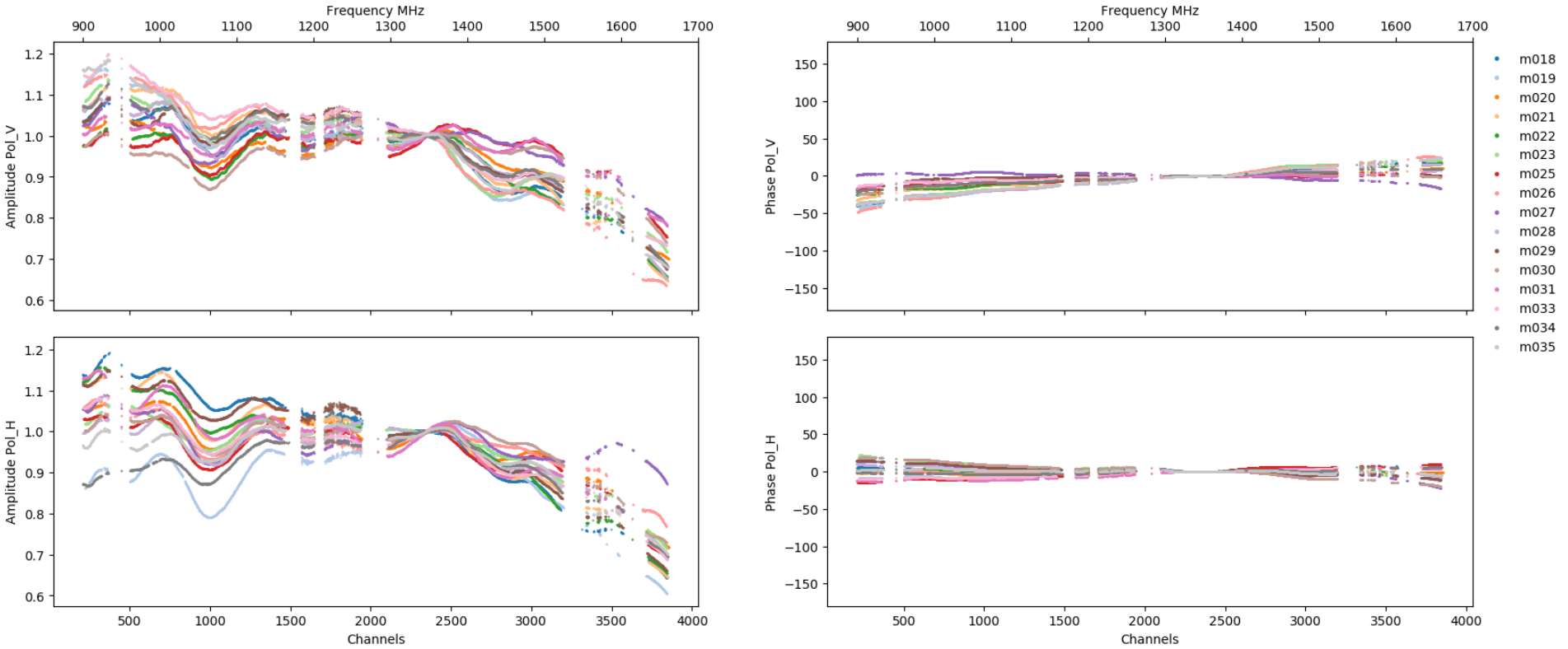
Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
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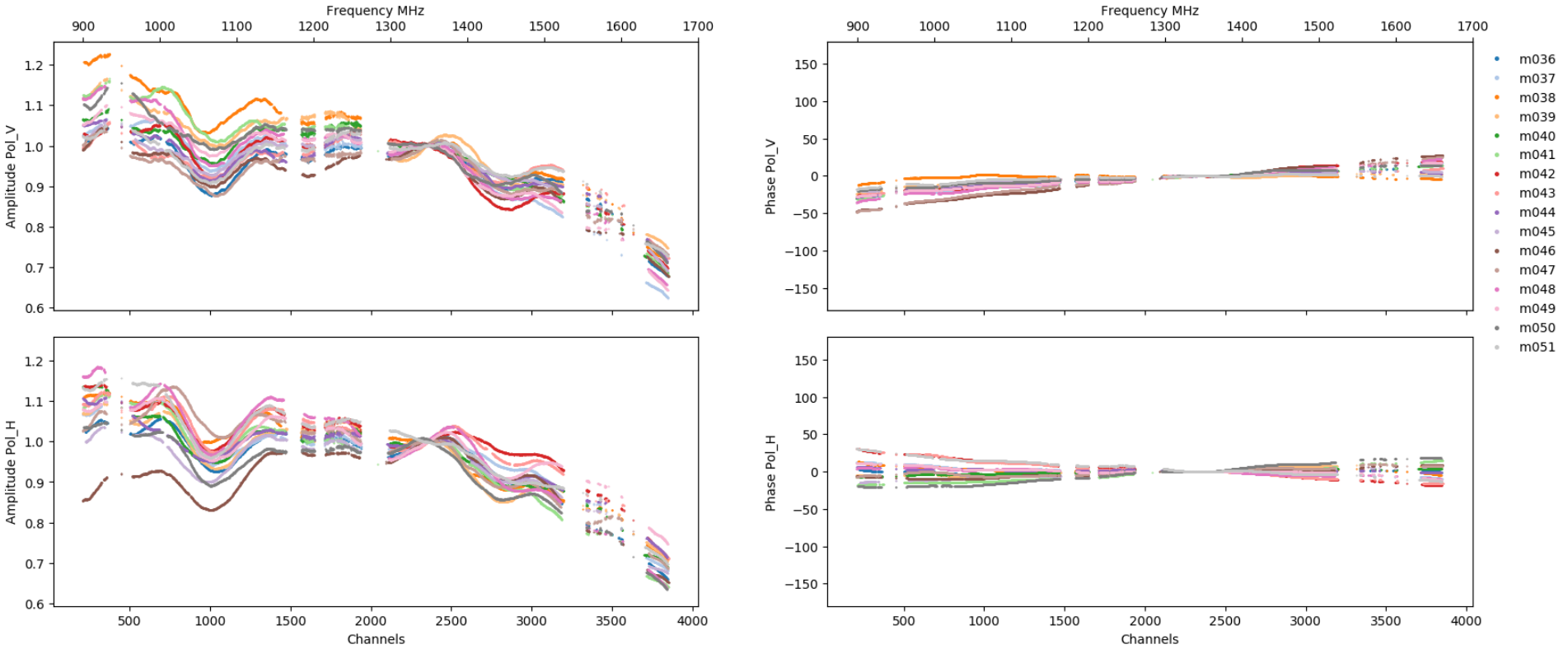
Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
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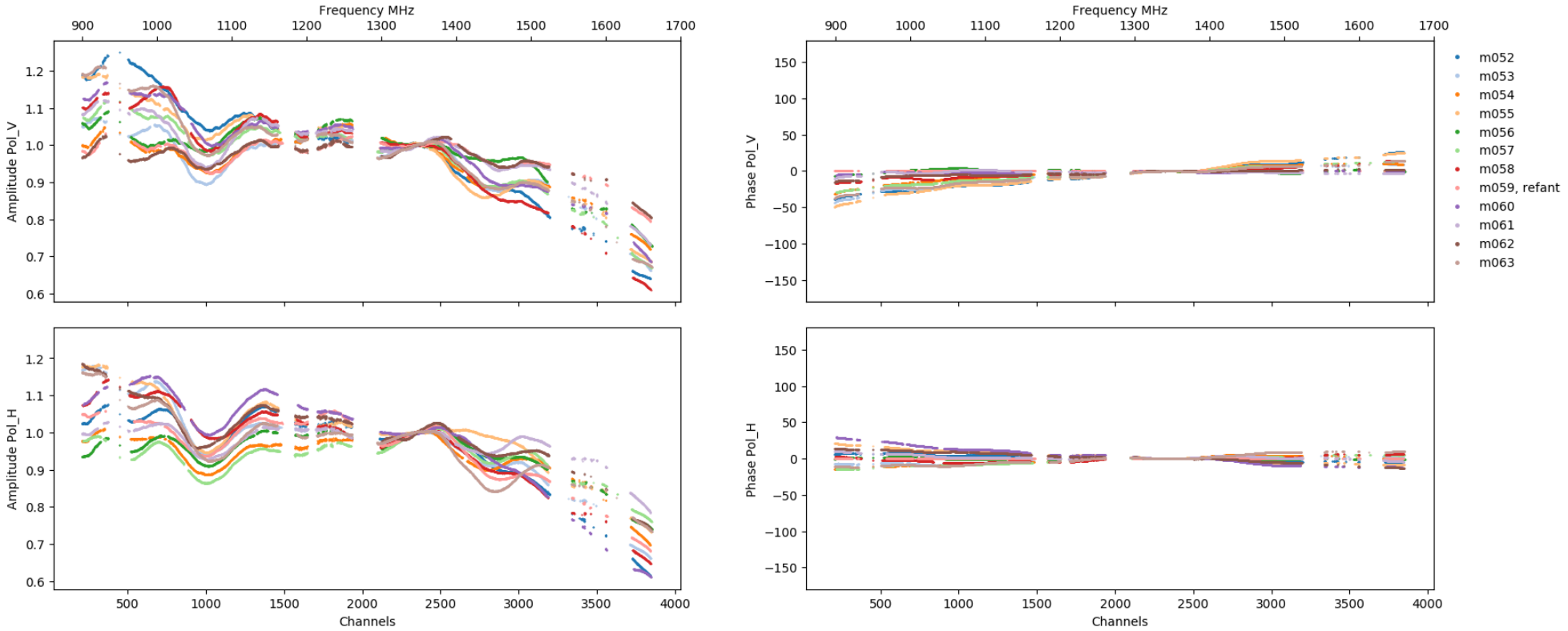
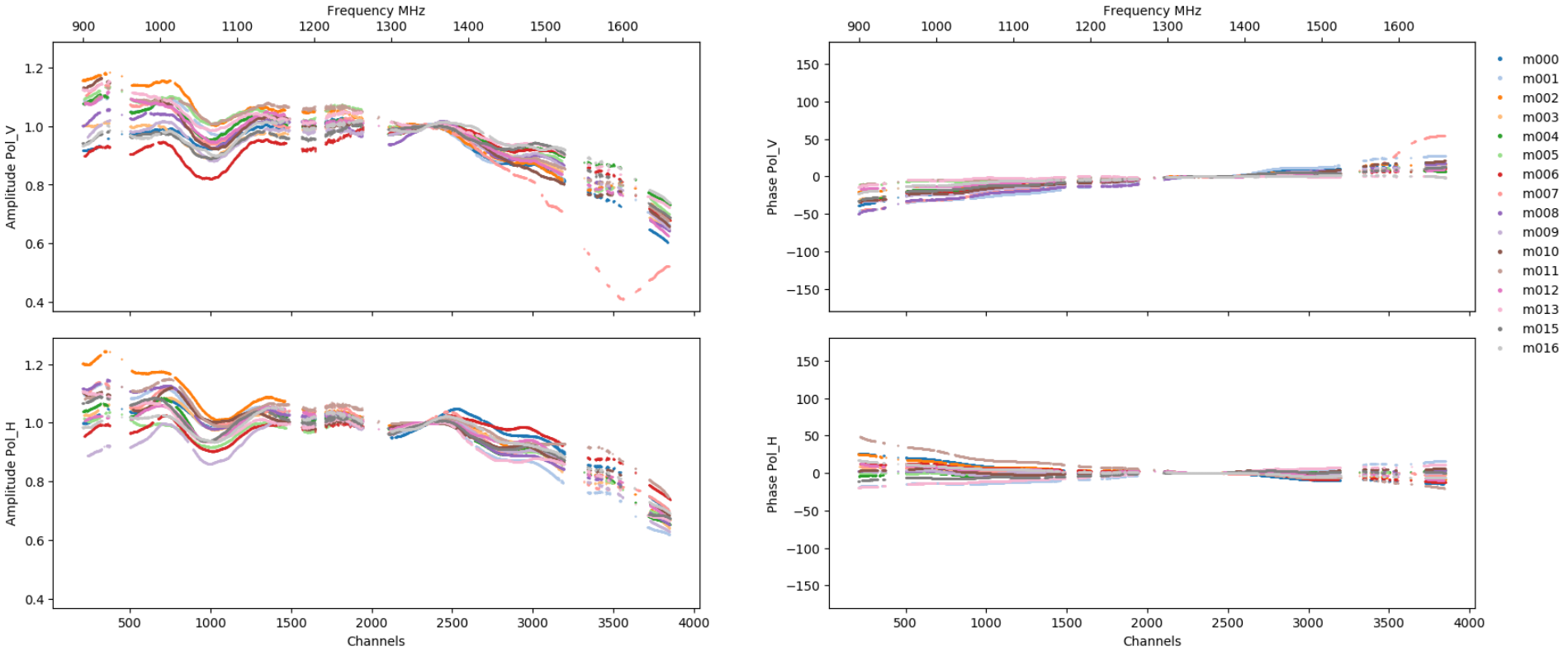


Time: 2019-05-10 23:56:15

Antennas flagged for all channels:

- V: None
- H: None


Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
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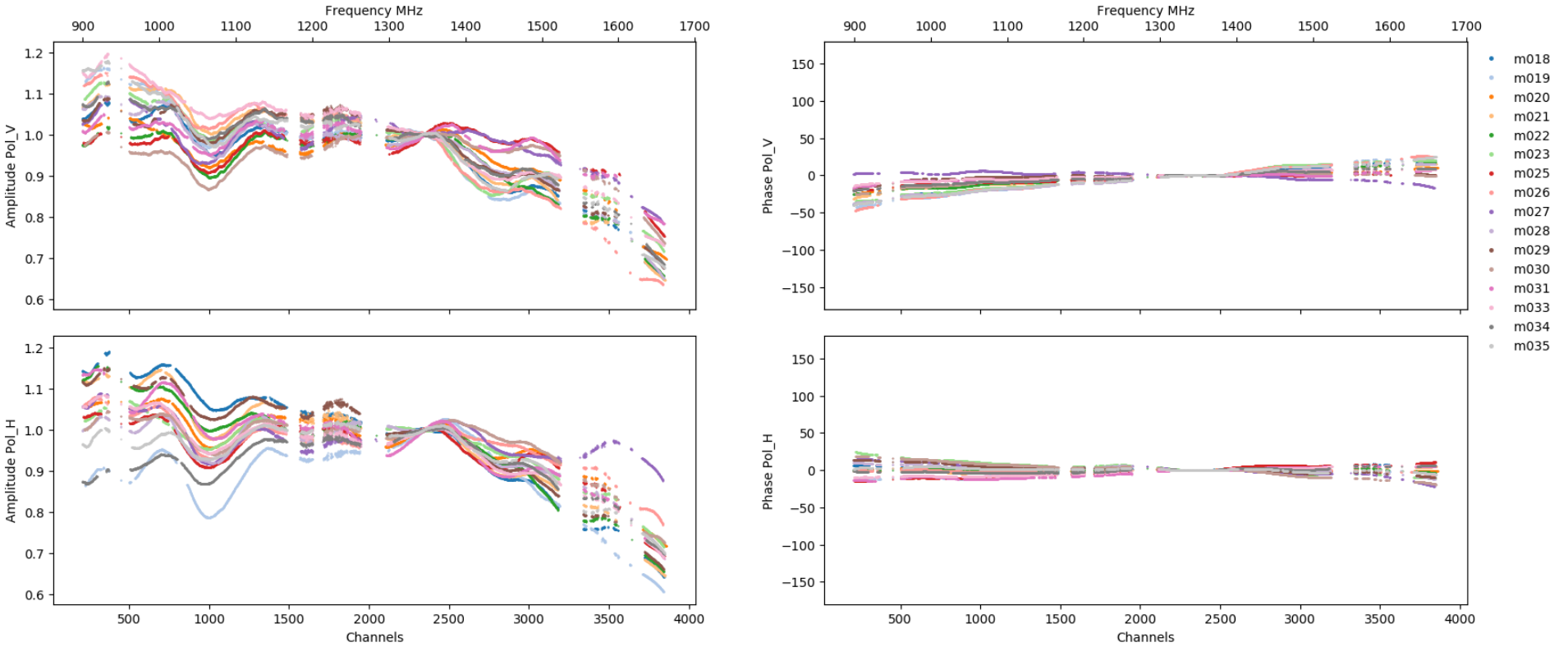
Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
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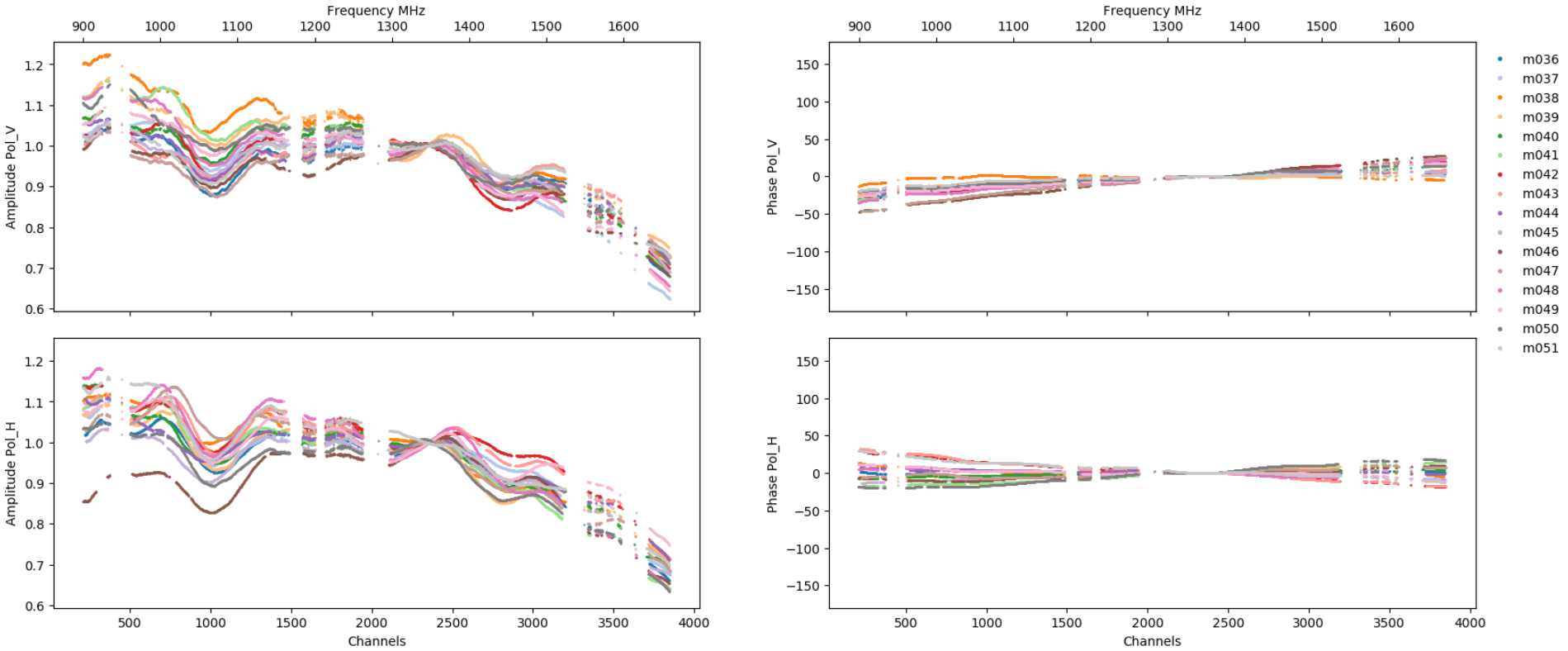
Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
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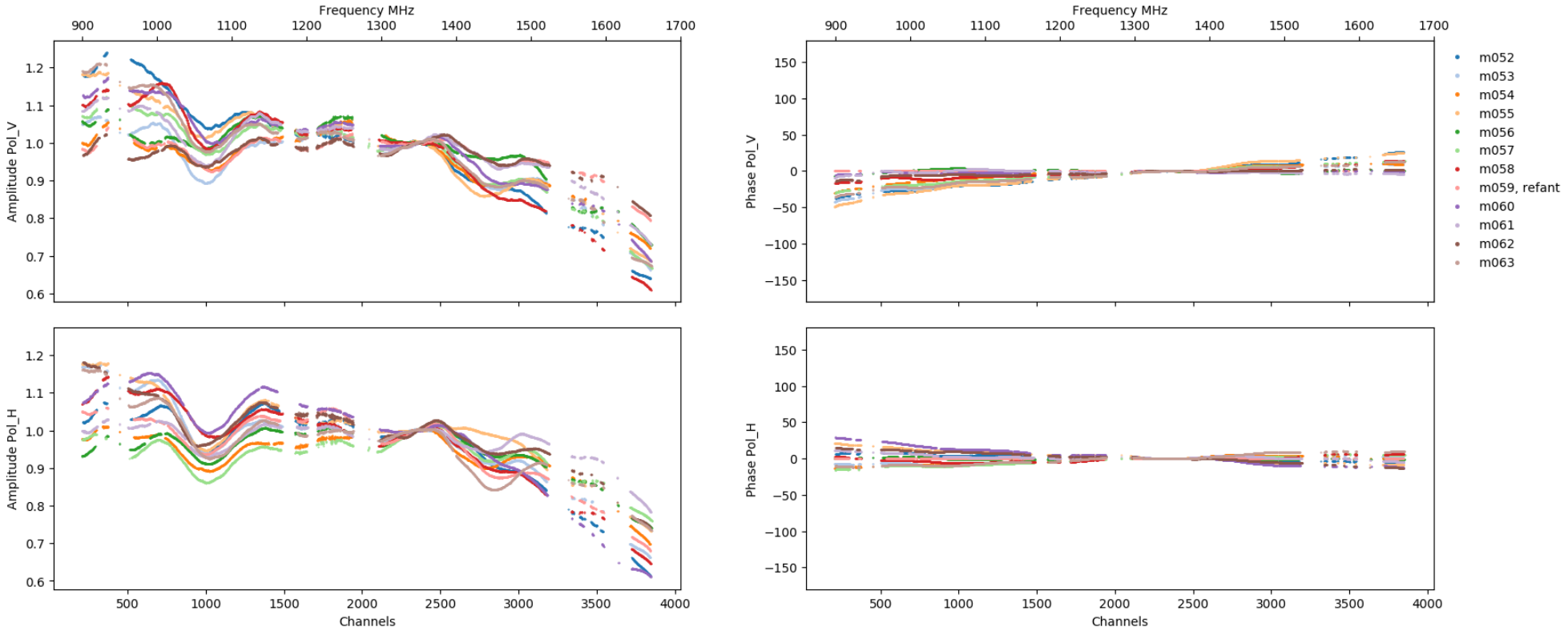
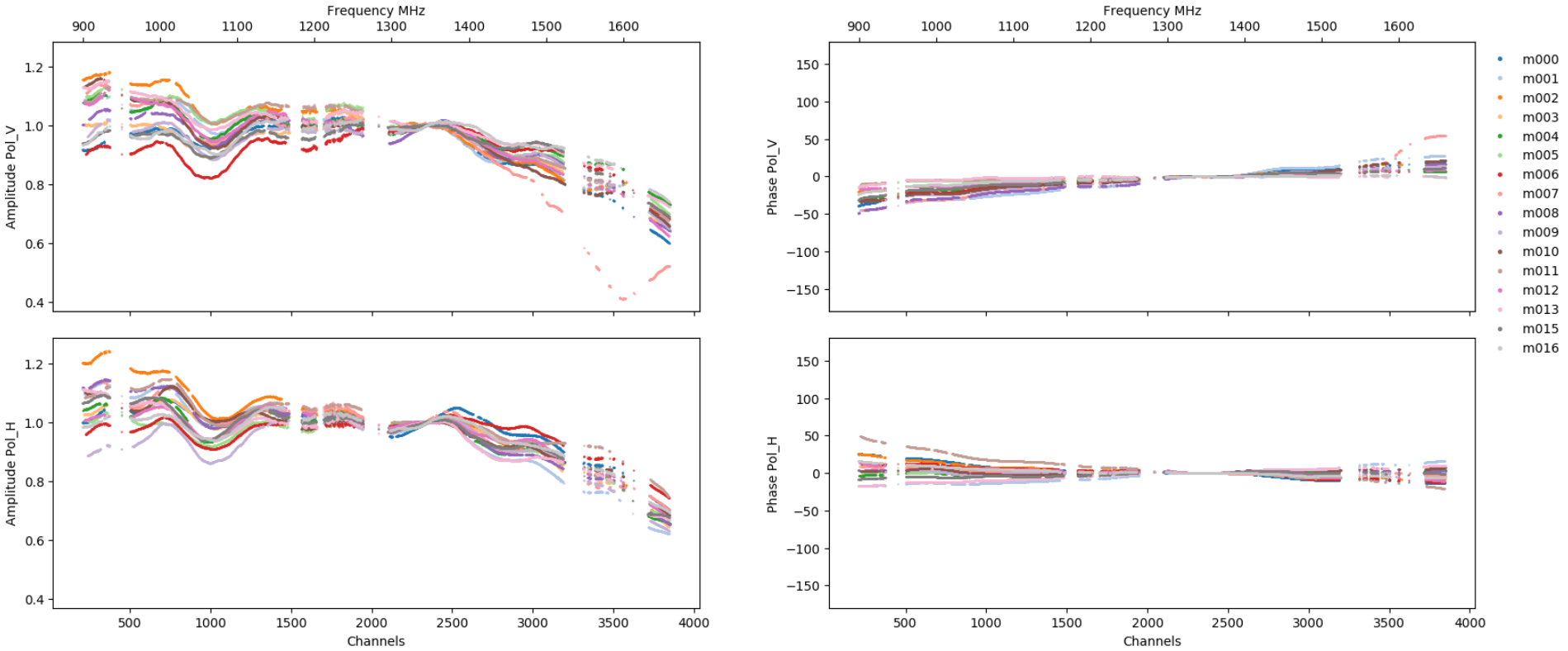


Time: 2019-05-11 00:01:19

Antennas flagged for all channels:

- V: None
- H: None


Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
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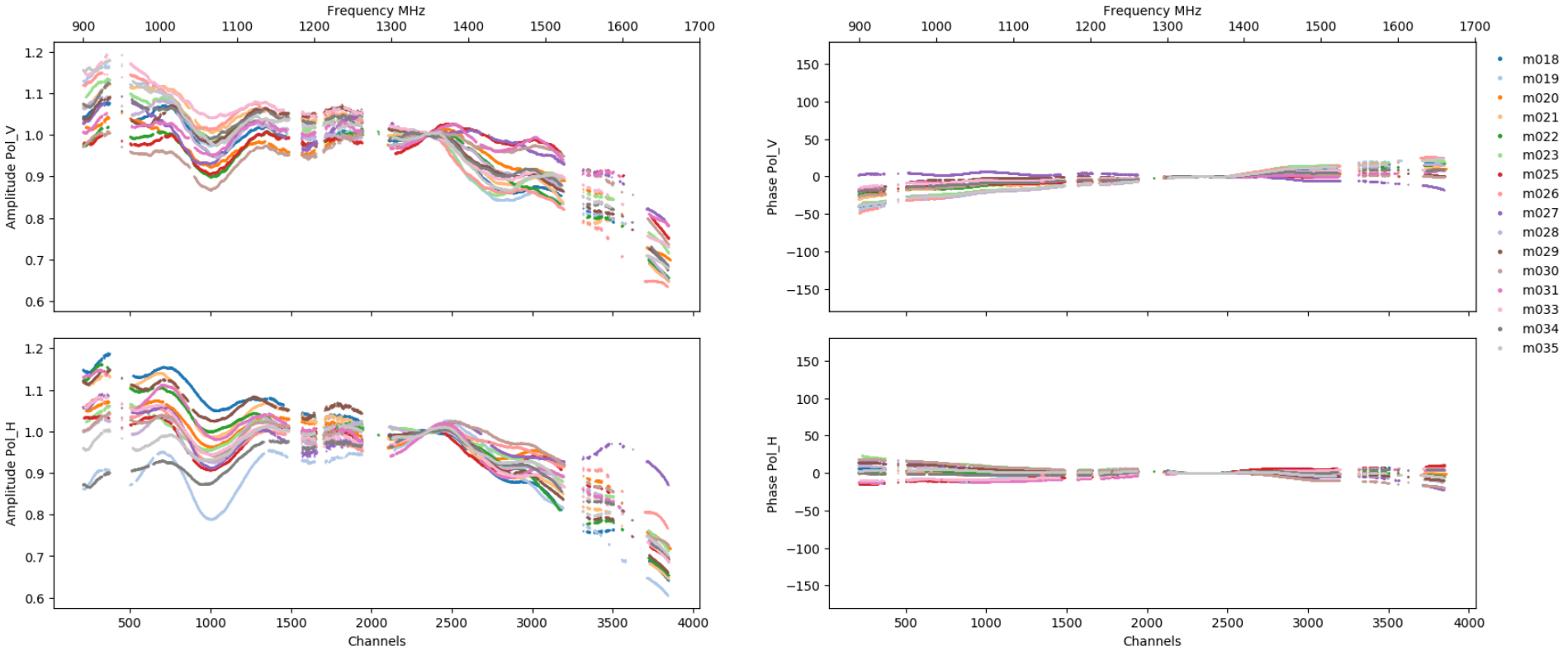
Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
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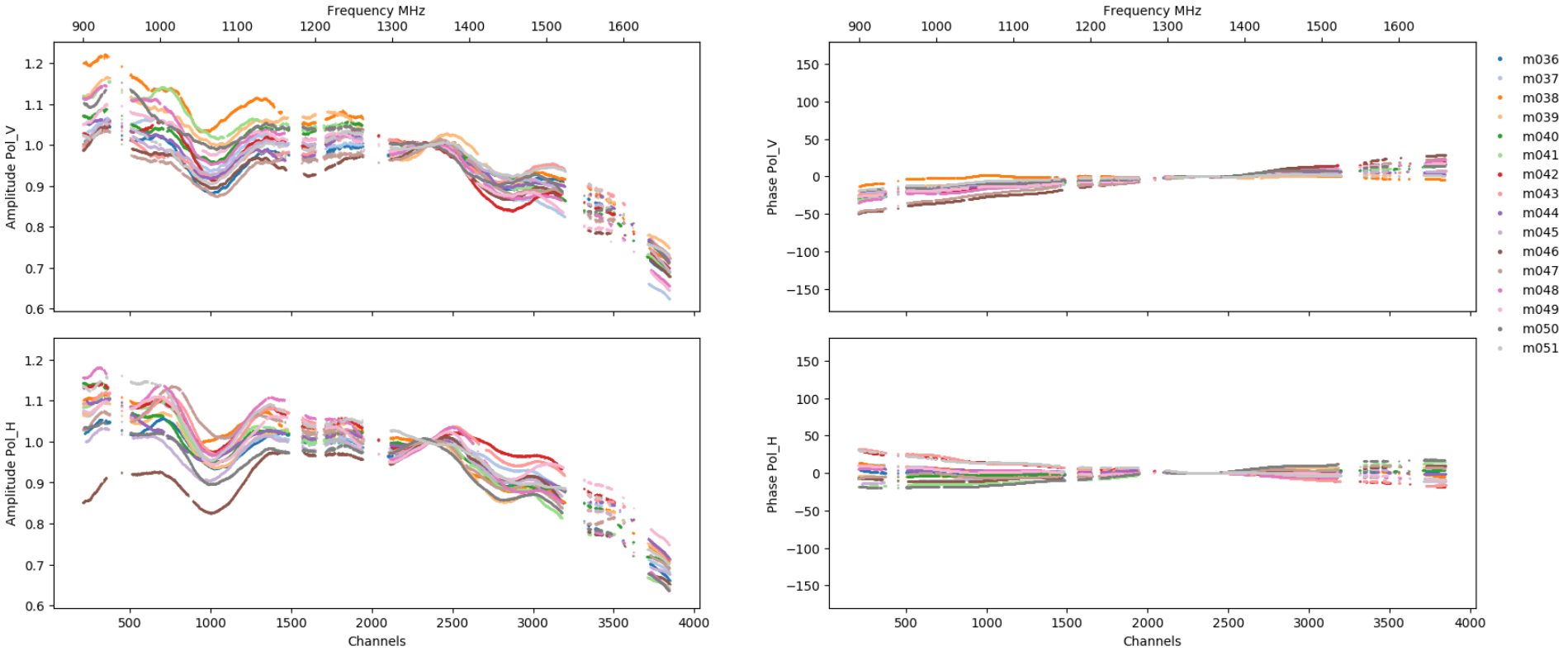
Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
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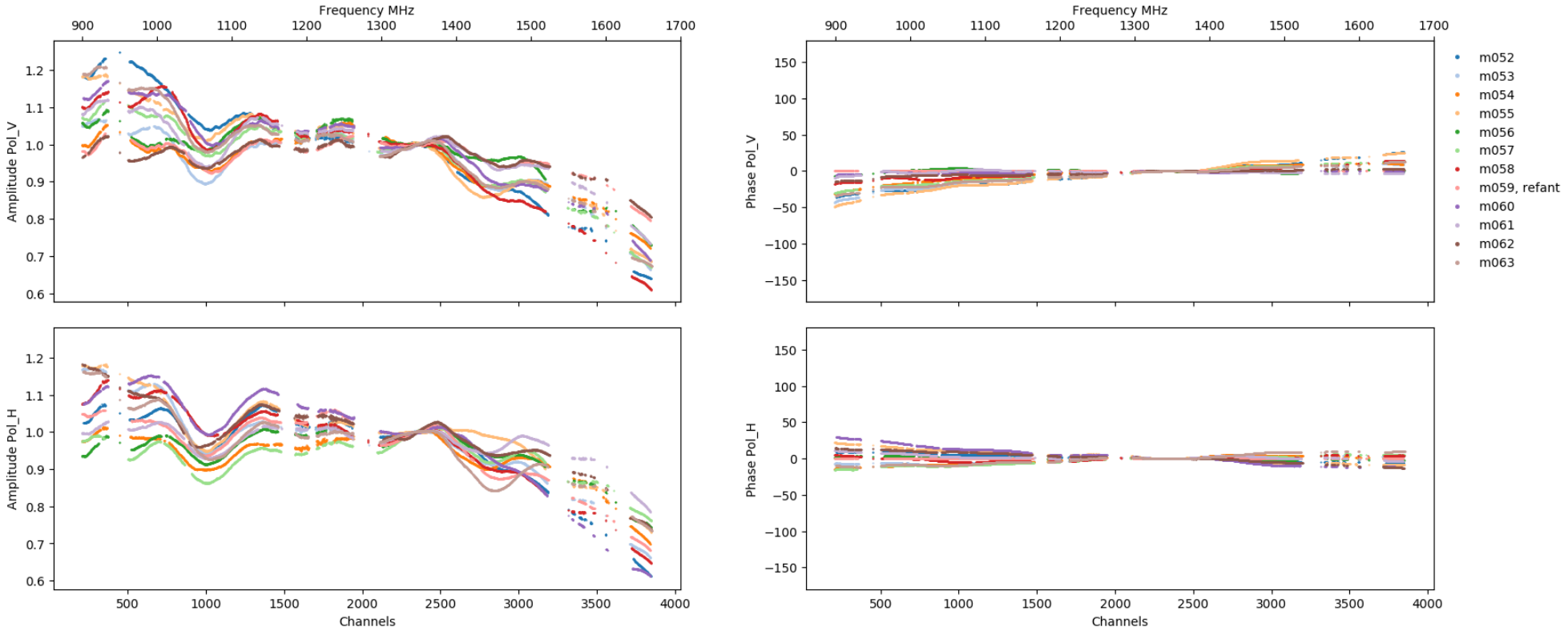
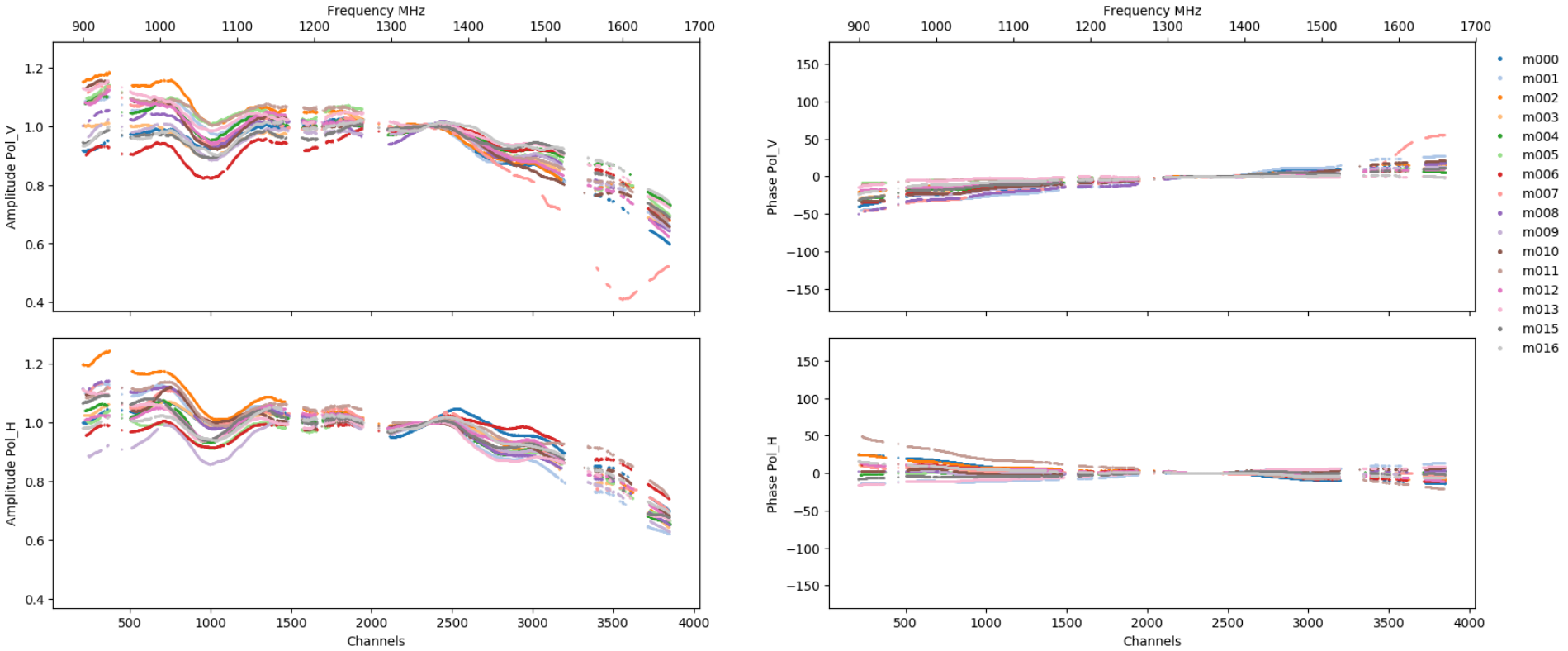


Time: 2019-05-11 00:06:22

Antennas flagged for all channels:

- V: None
- H: None


Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
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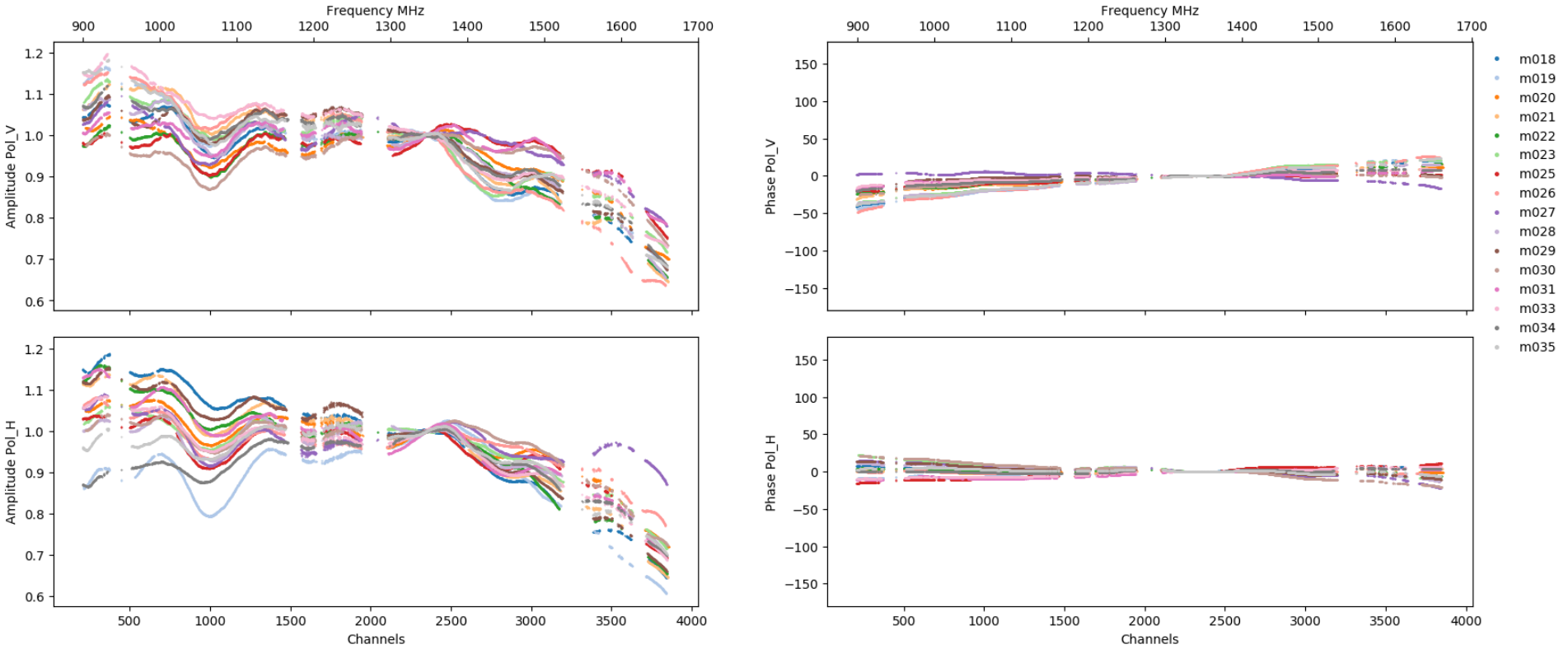
Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
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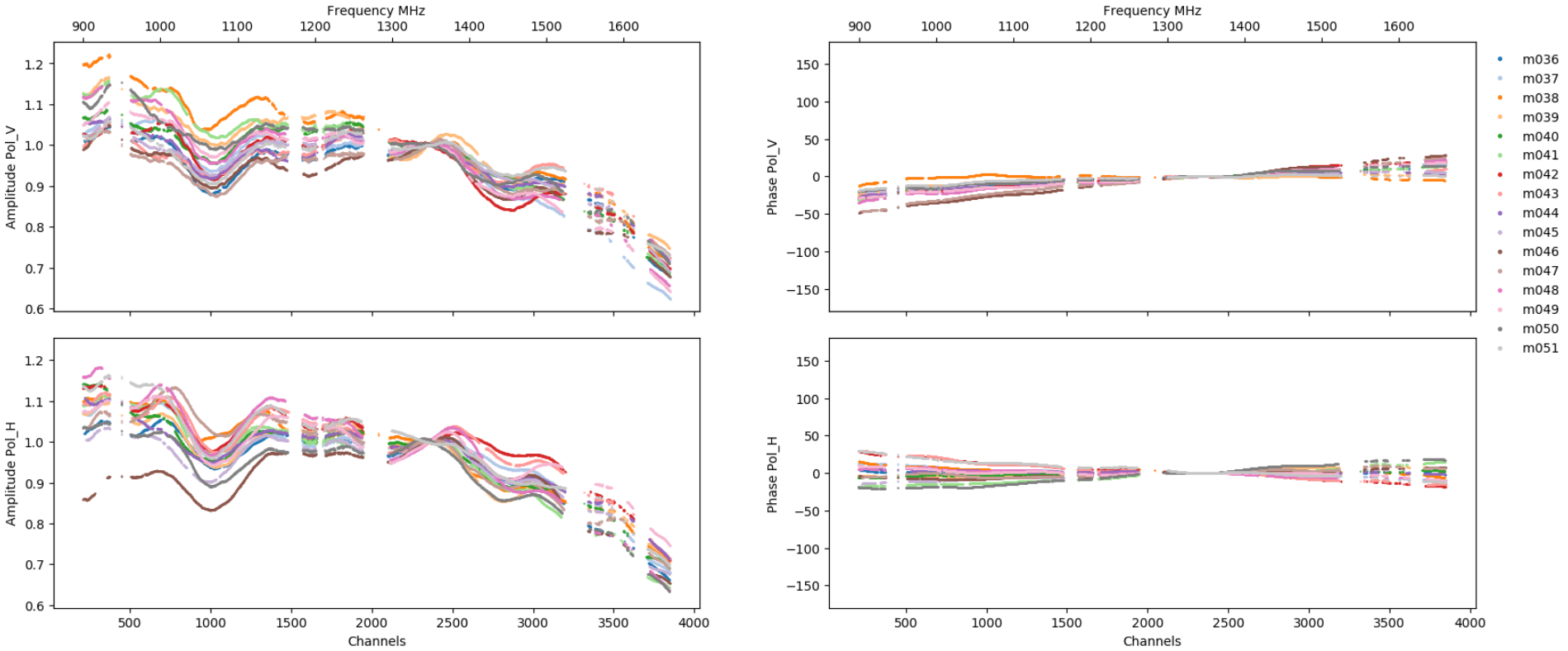
Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
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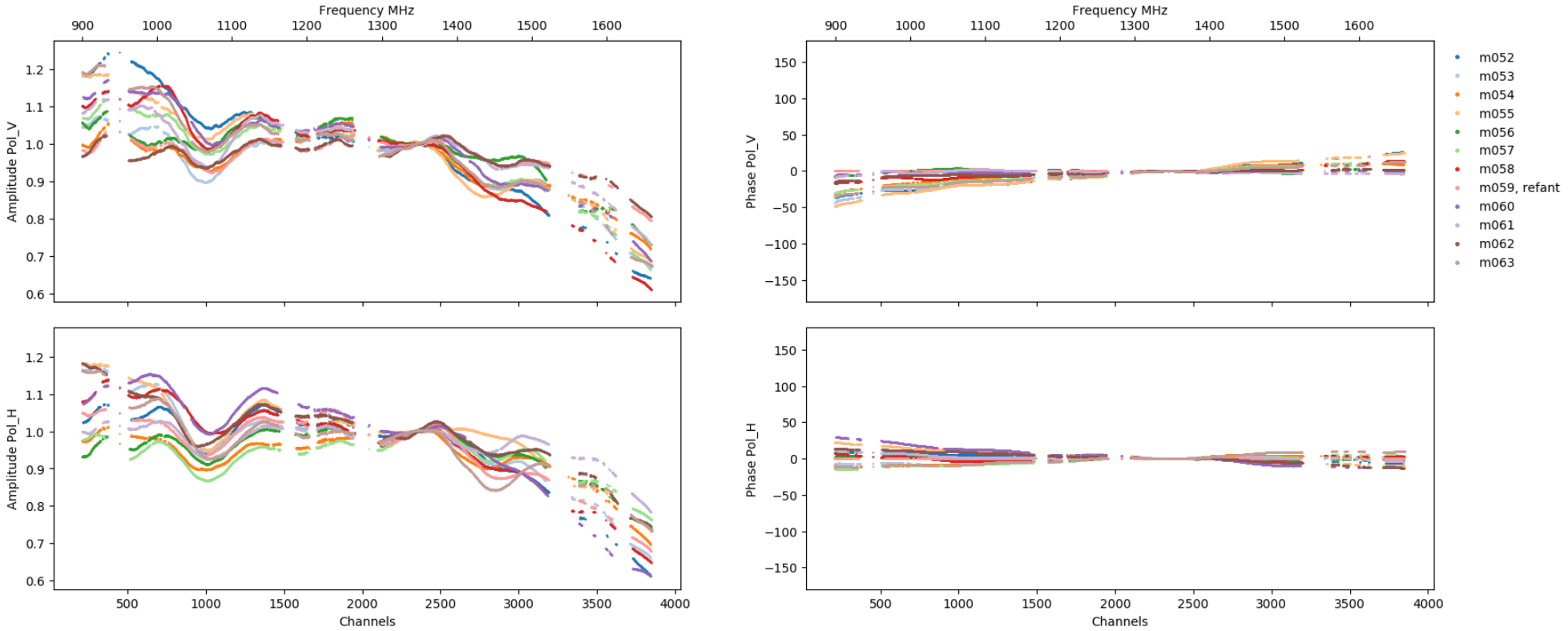
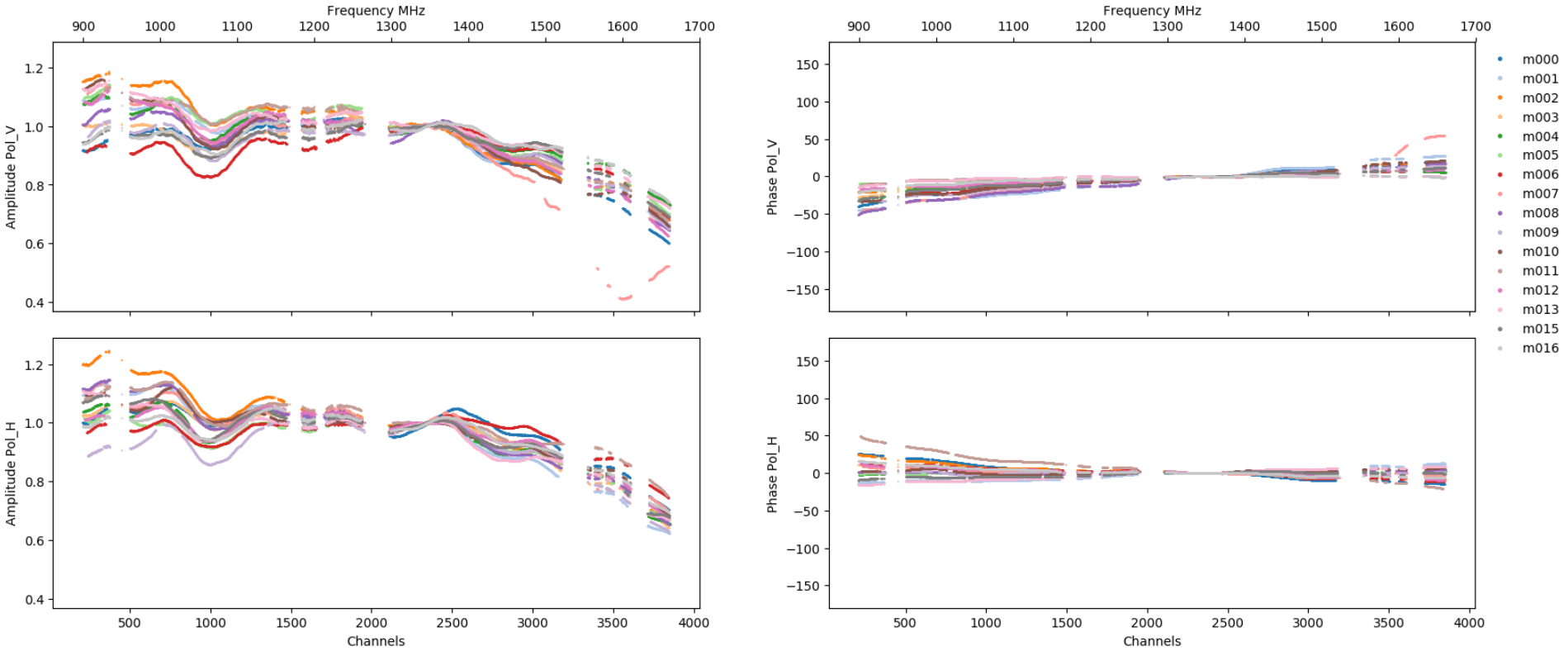


Time: 2019-05-11 00:11:22

Antennas flagged for all channels:

- V: None
- H: None


Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
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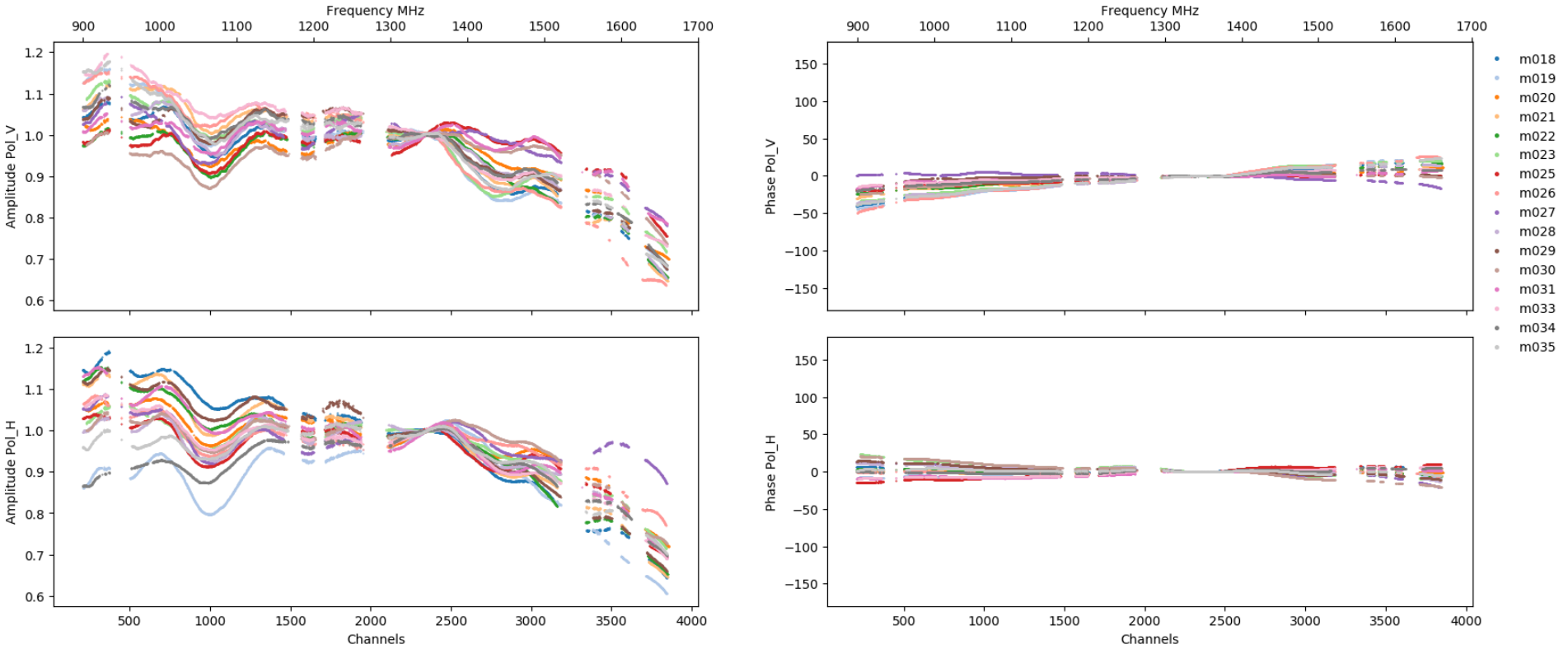
Frequency MHz
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
m018
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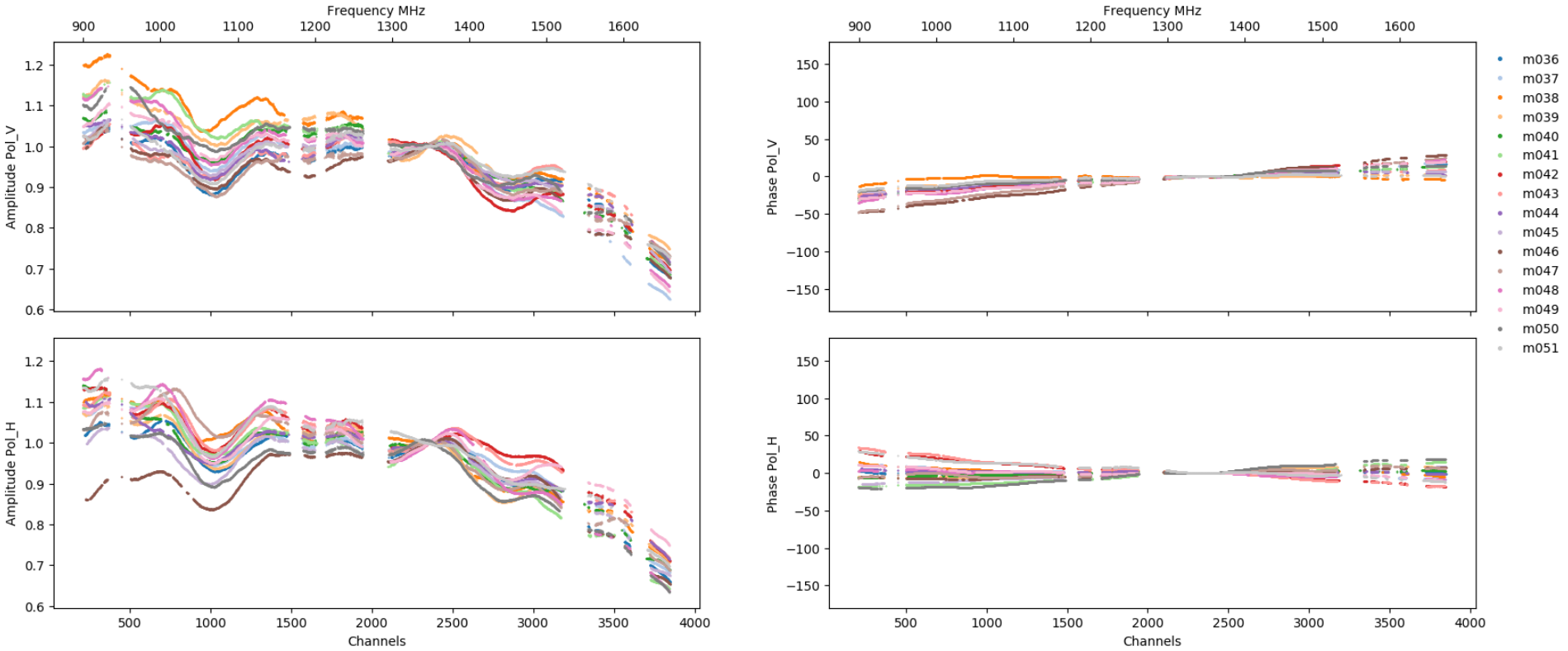
Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
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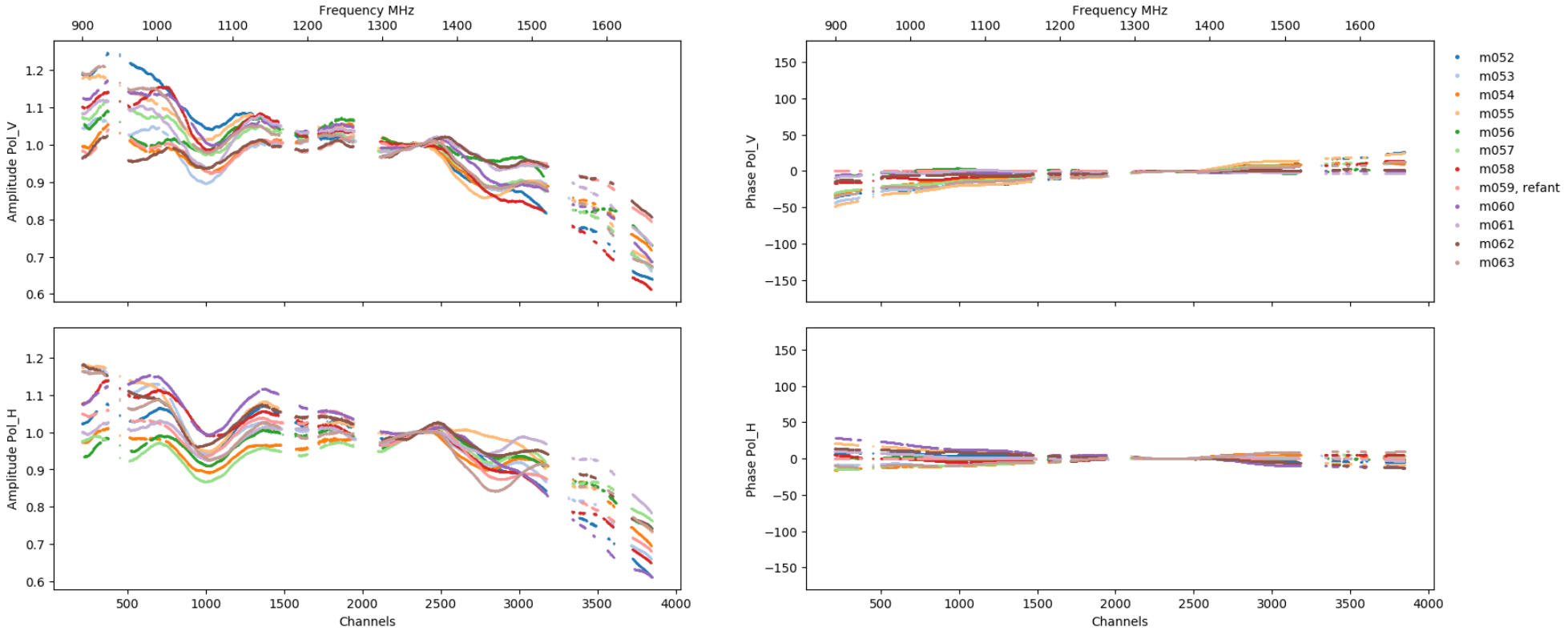
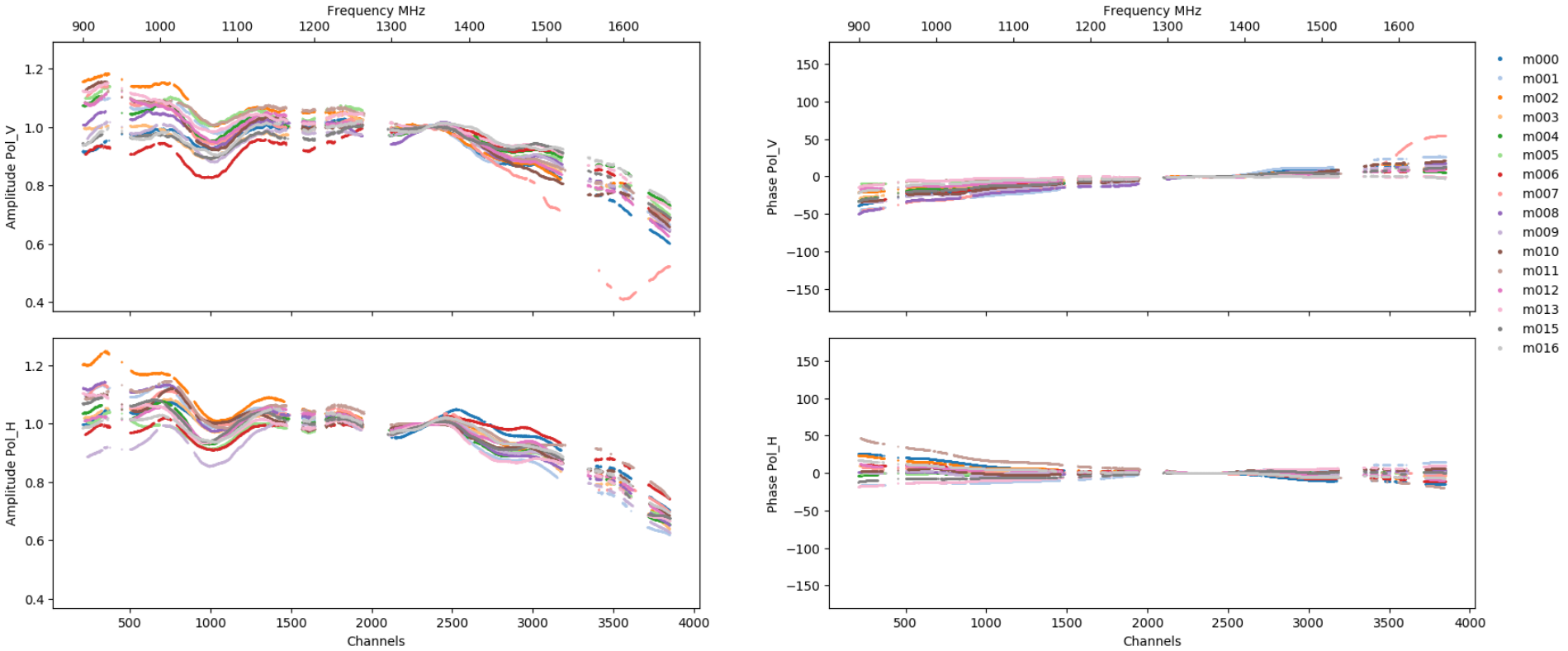


Time: 2019-05-11 00:16:22

Antennas flagged for all channels:

- V: None
- H: None


Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
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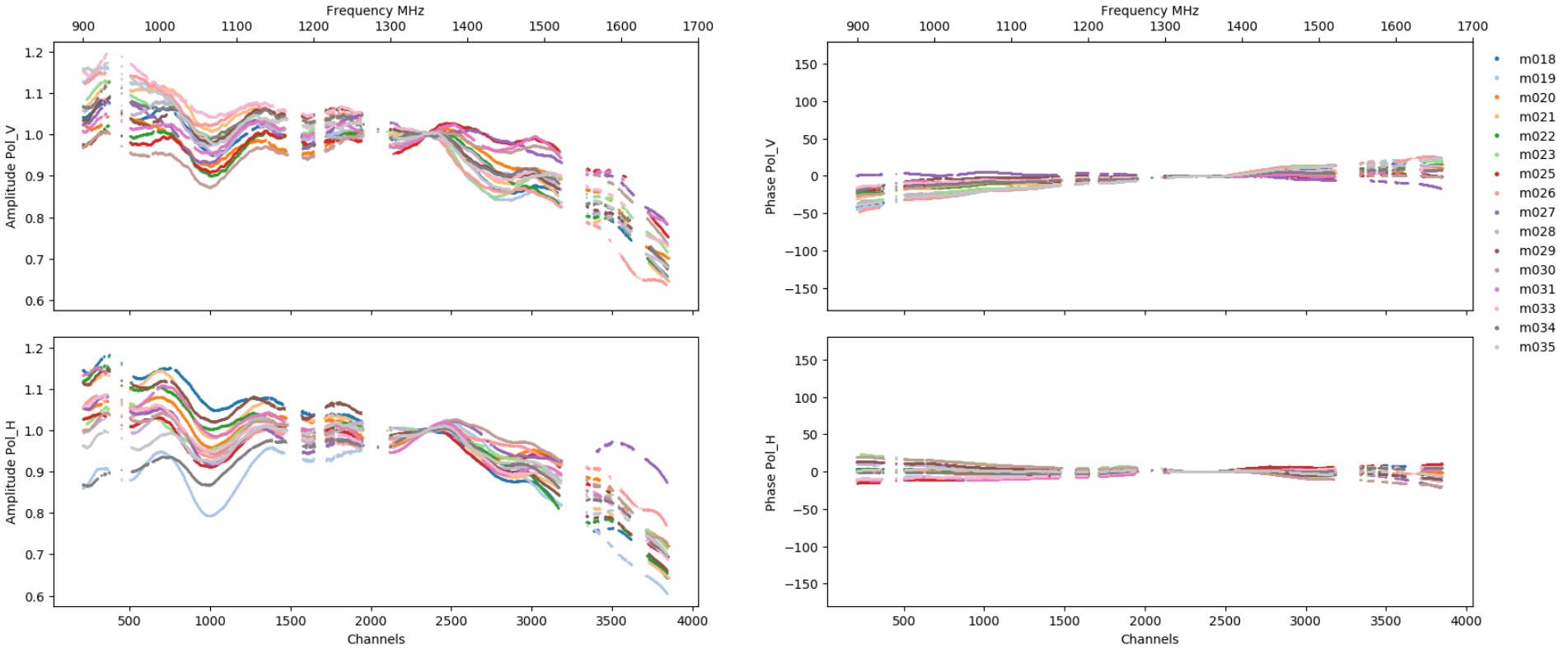
Frequency MHz
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Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
500
1000
1500
2000
2500
3000
3500
4000
m018
m019
m020
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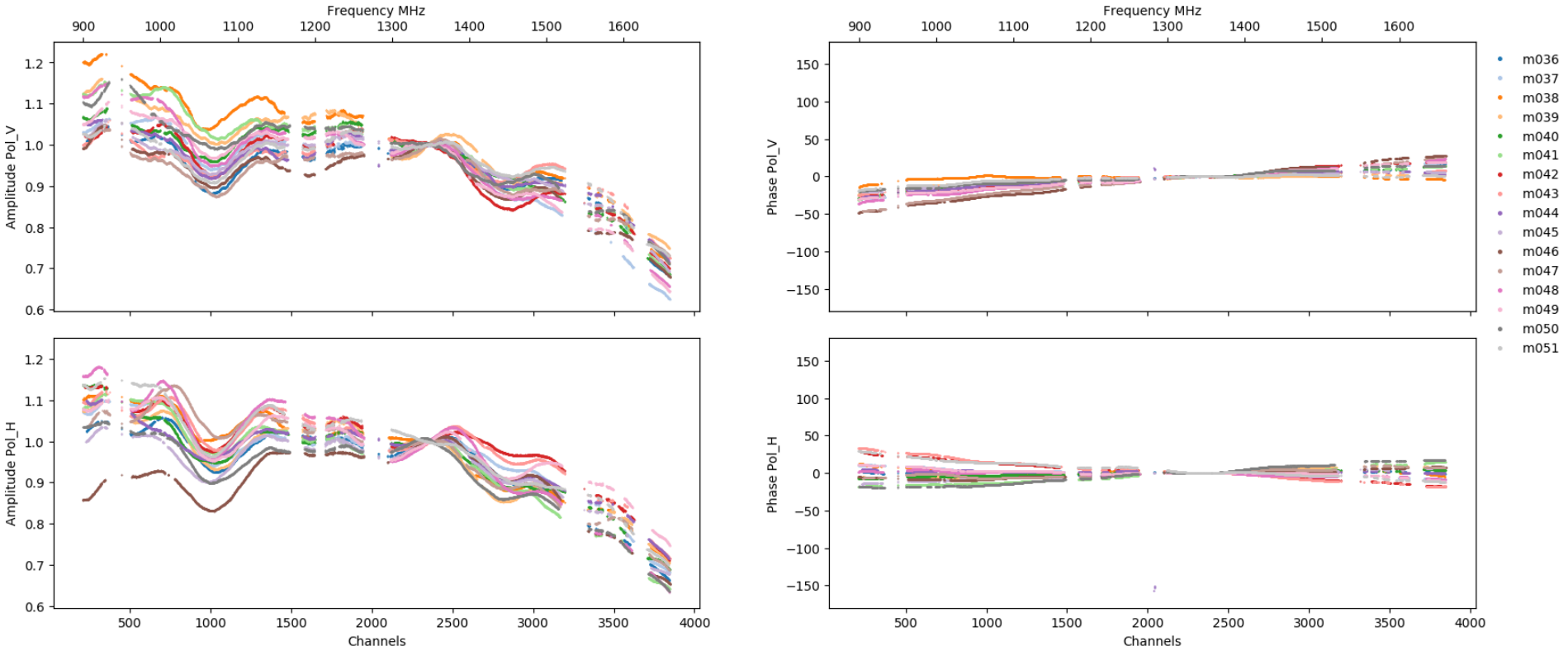
m022
m023
m025
m026
m027
m028
m029
m030
m031
m033
m034
m035


Frequency MHz
900
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1100
1200
1300
1400
1500
1600
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
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3500
4000
m036
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m040
m041
m042
m043
m044
m045
m046
m047
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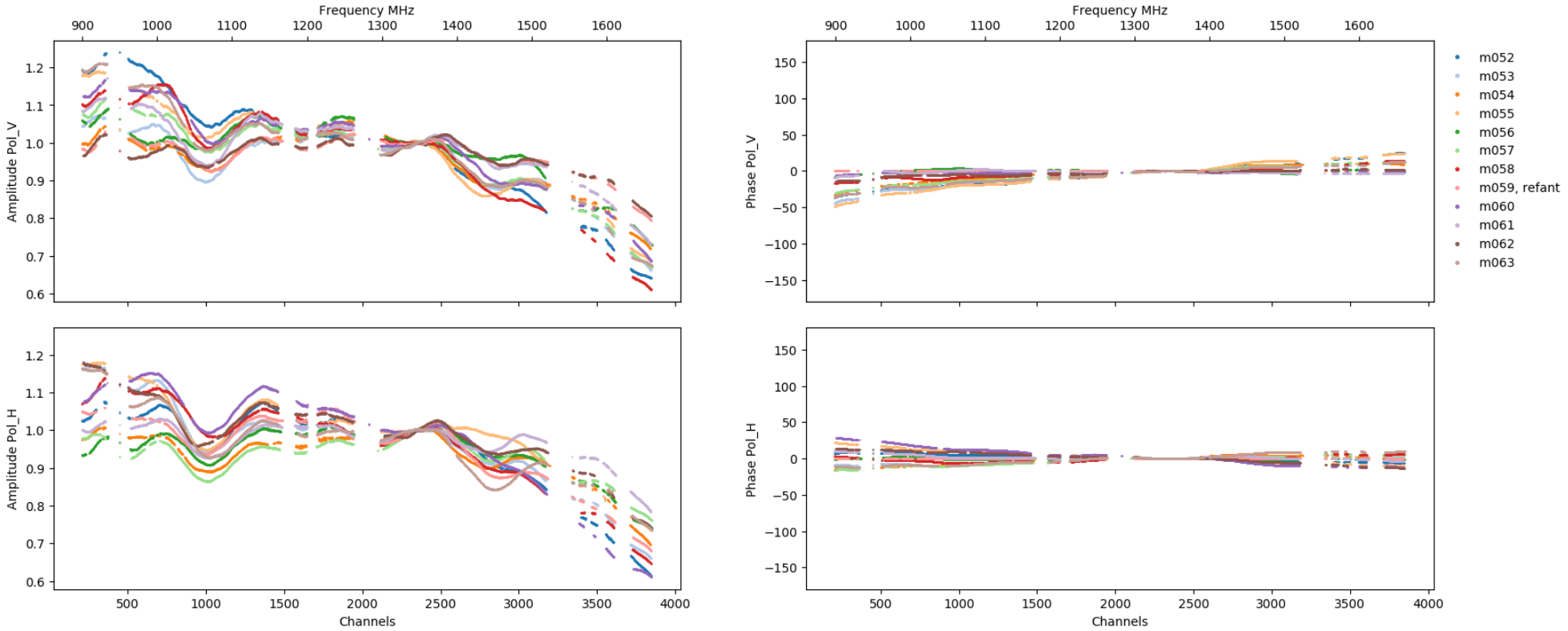
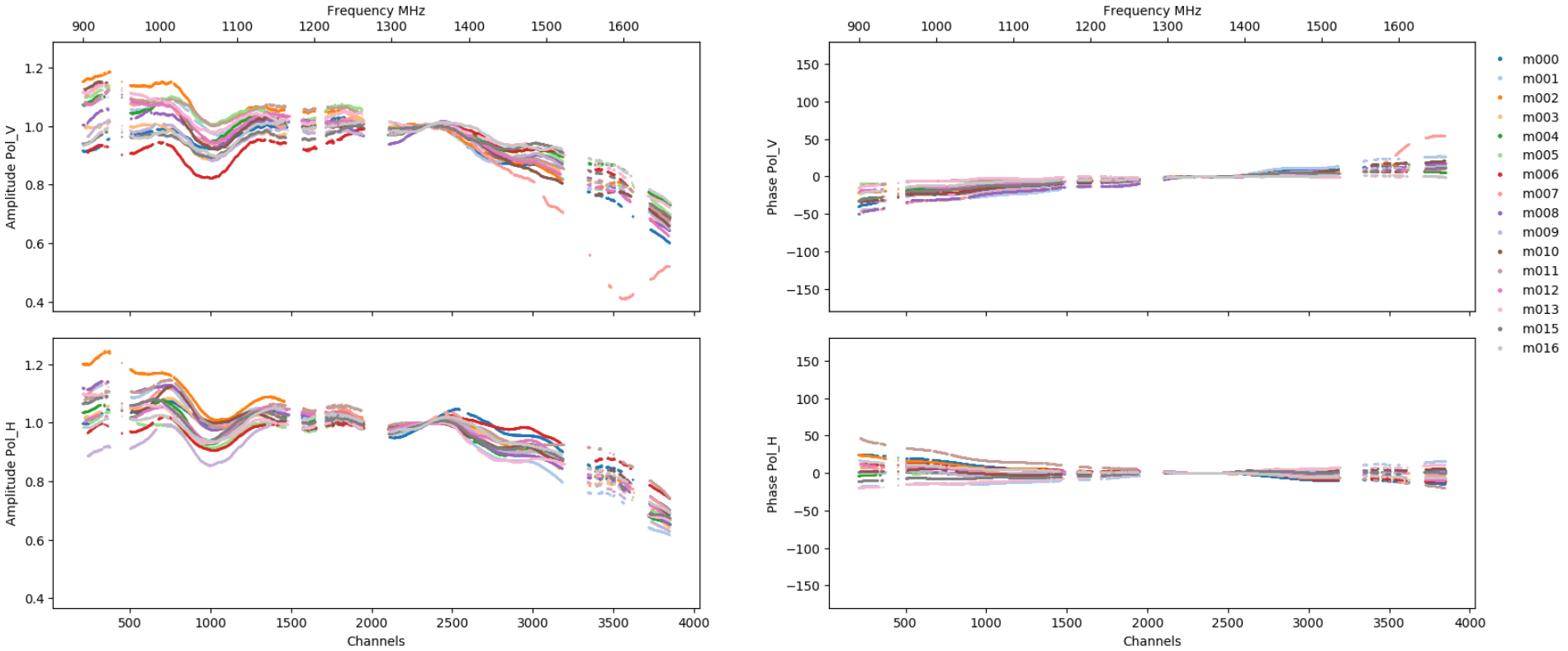
m049
m050
m051



Time: 2019-05-11 00:21:26

Antennas flagged for all channels:

- V: None
- H: None


Frequency MHz
900
1000
1100
1200
1300
1400
1500
1600
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
500
1000
1500
2000
2500
3000
3500
4000
m000
m001
m002
m003
m004
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m006
m007
m008
m009
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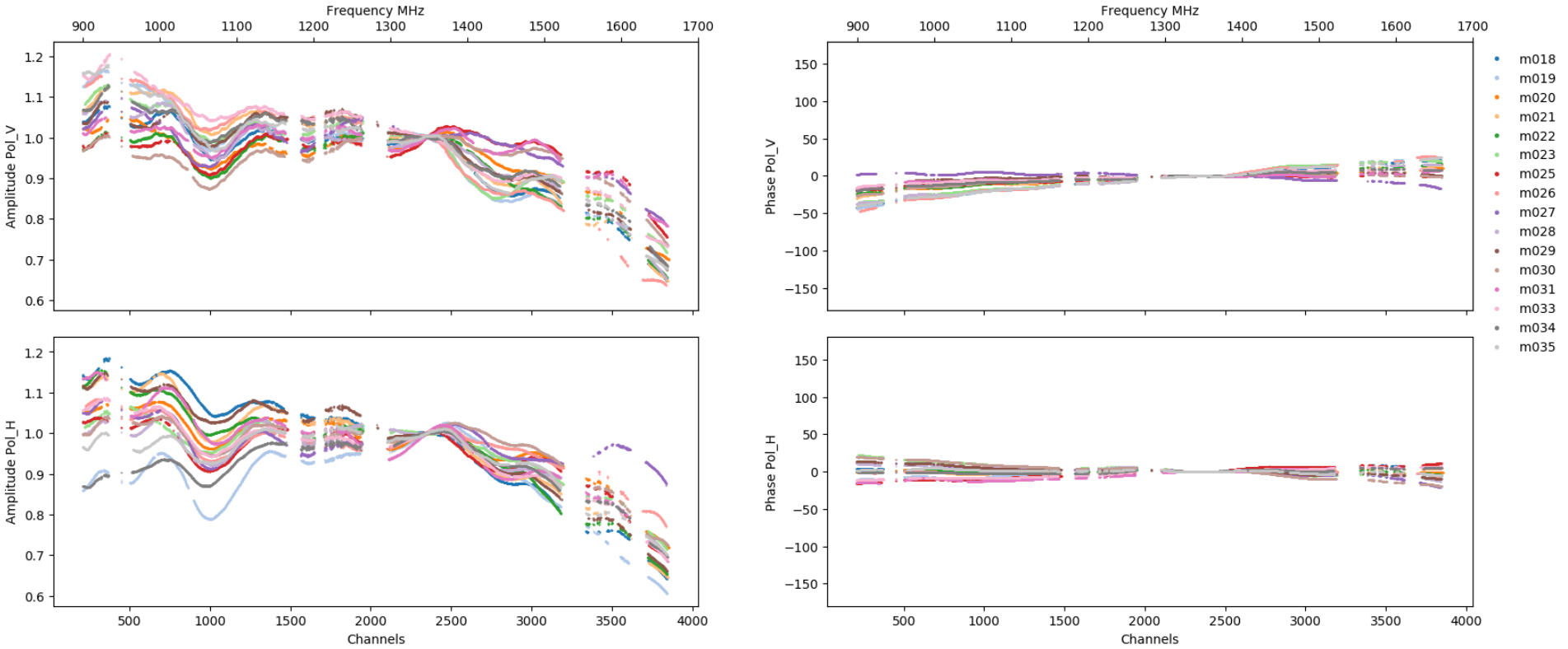
m012
m013
m015
m016


Frequency MHz
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1100
1200
1300
1400
1500
1600
1700
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
500
1000
1500
2000
2500
3000
3500
4000
m018
m019
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m023
m025
m026
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m029
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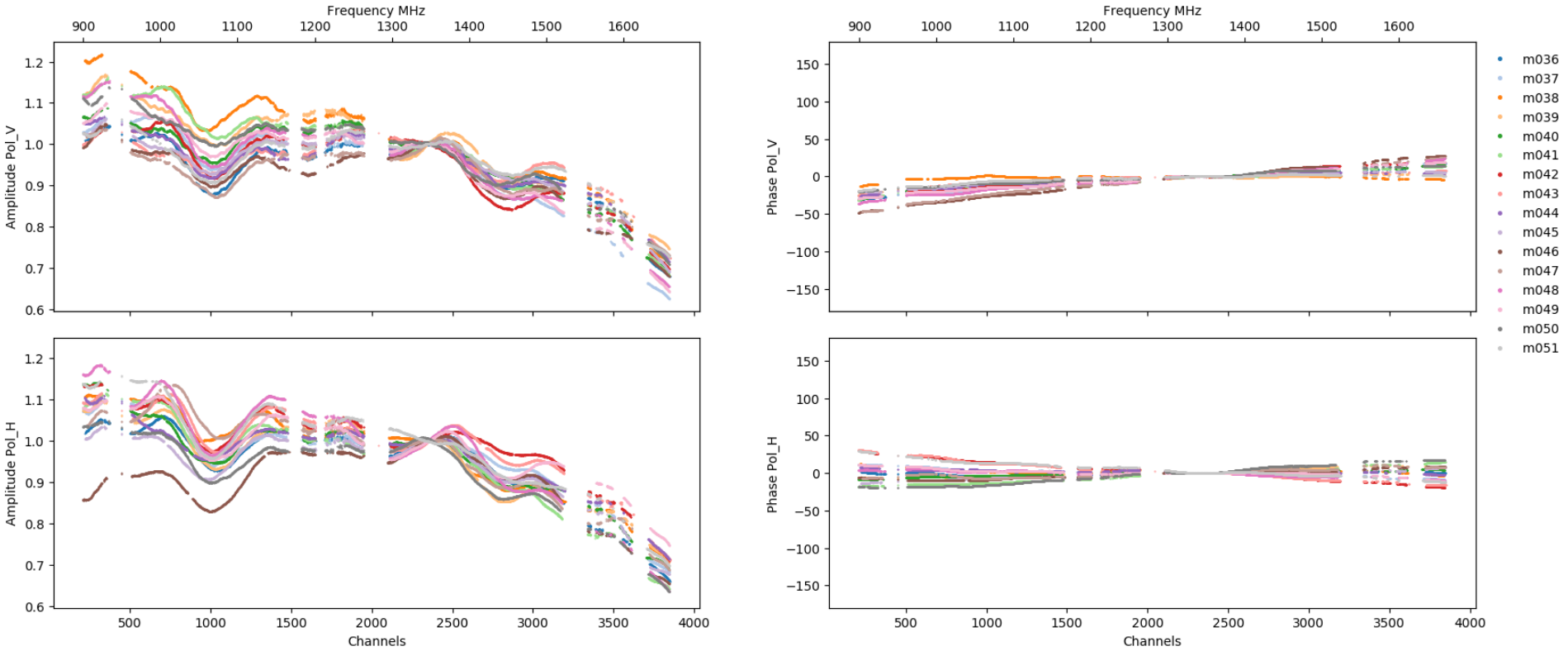
m033
m034
m035


Frequency MHz
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1300
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1500
1600
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
500
1000
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2500
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3500
4000
m036
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m041
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m043
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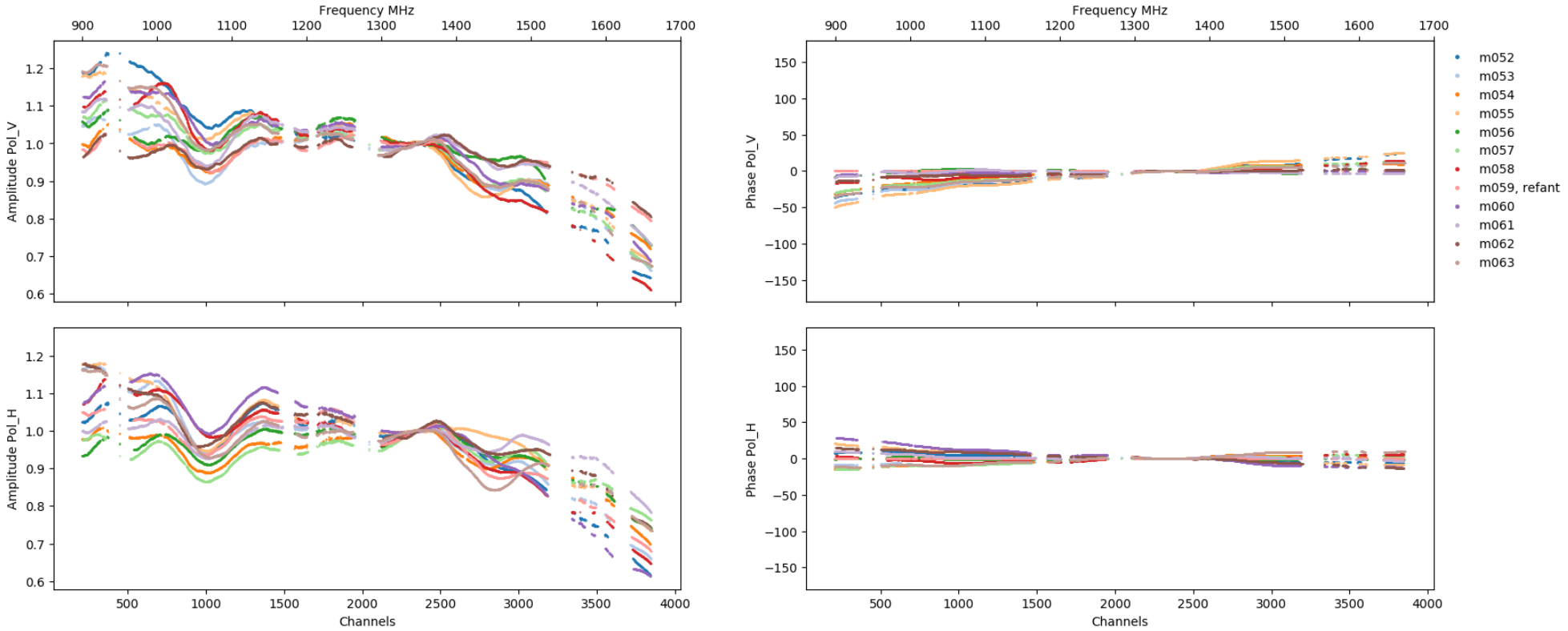
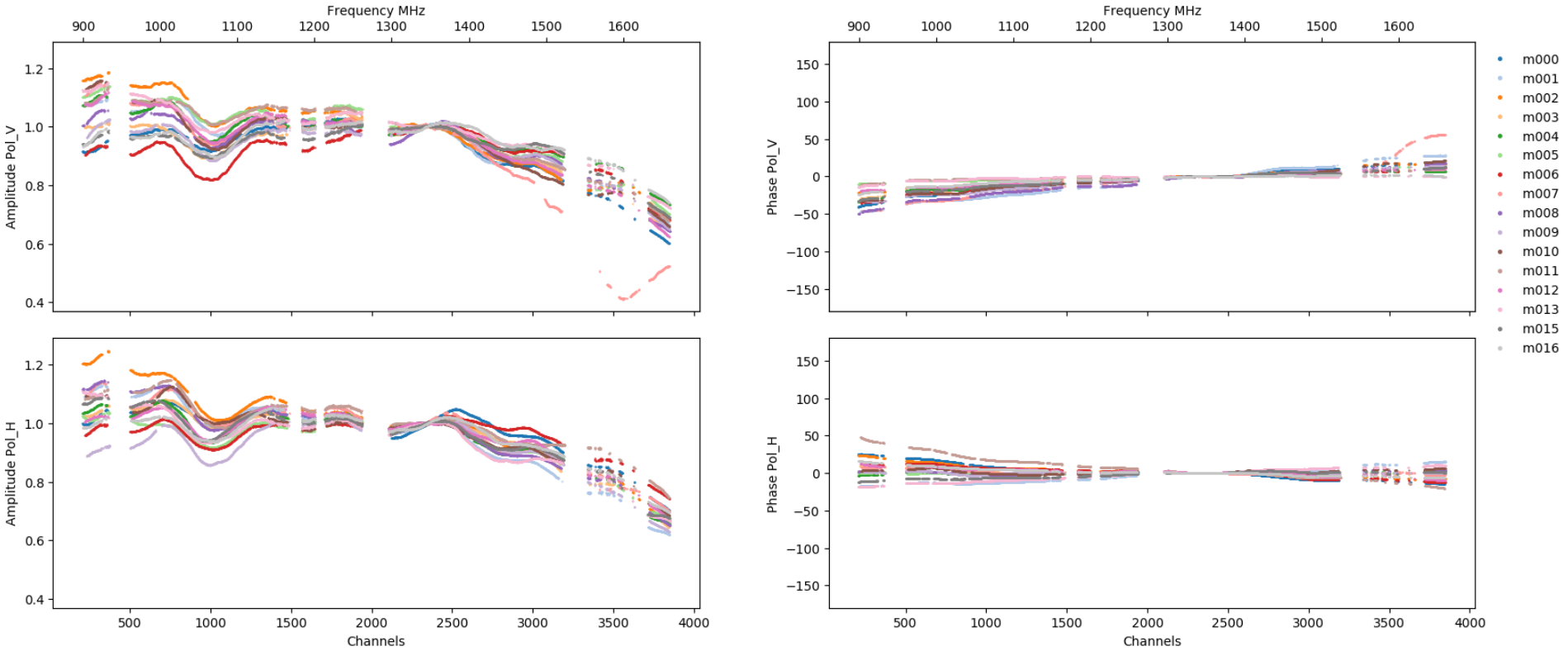
m051



Time: 2019-05-11 00:26:26

Antennas flagged for all channels:

- V: None
- H: None


Frequency MHz
900
1000
1100
1200
1300
1400
1500
1600
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
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4000
m000
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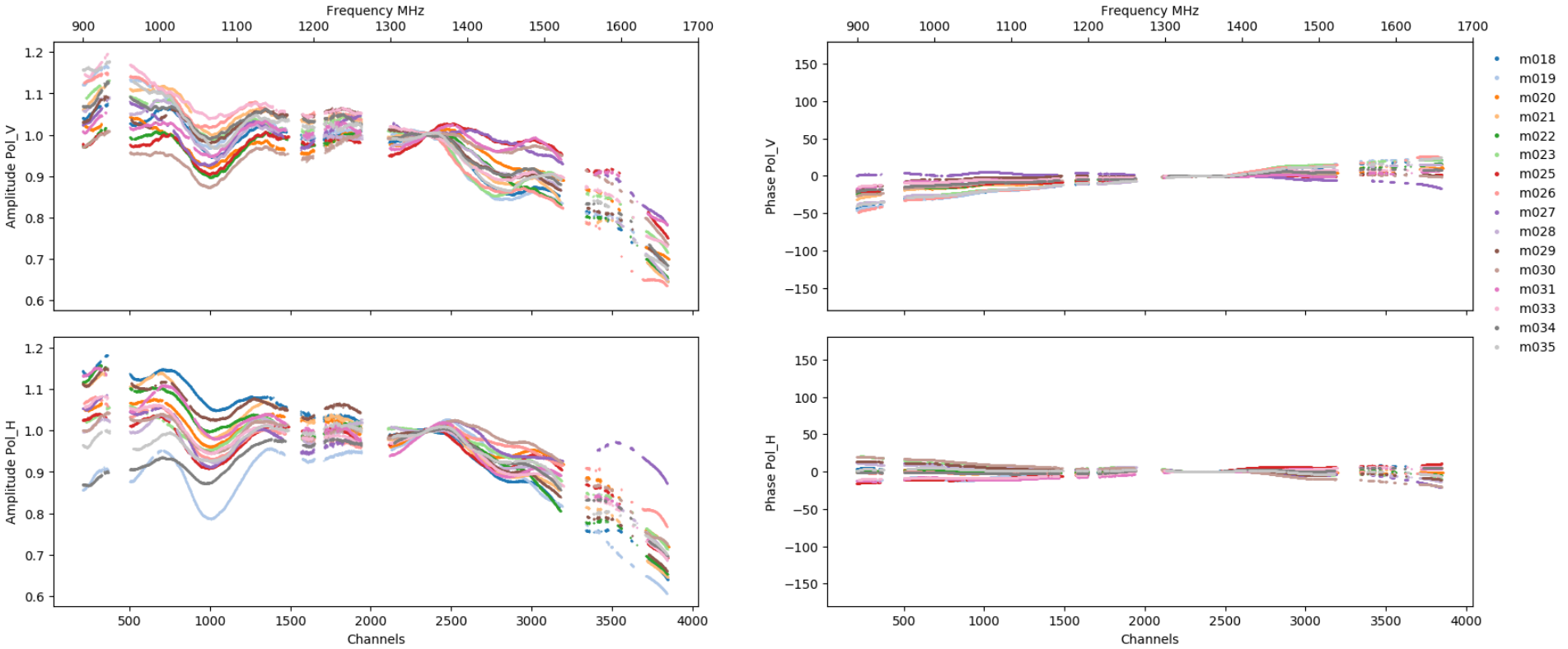
m012
m013
m015
m016


Frequency MHz
900
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1100
1200
1300
1400
1500
1600
1700
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
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4000
m018
m019
m020
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m022
m023
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m026
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m030
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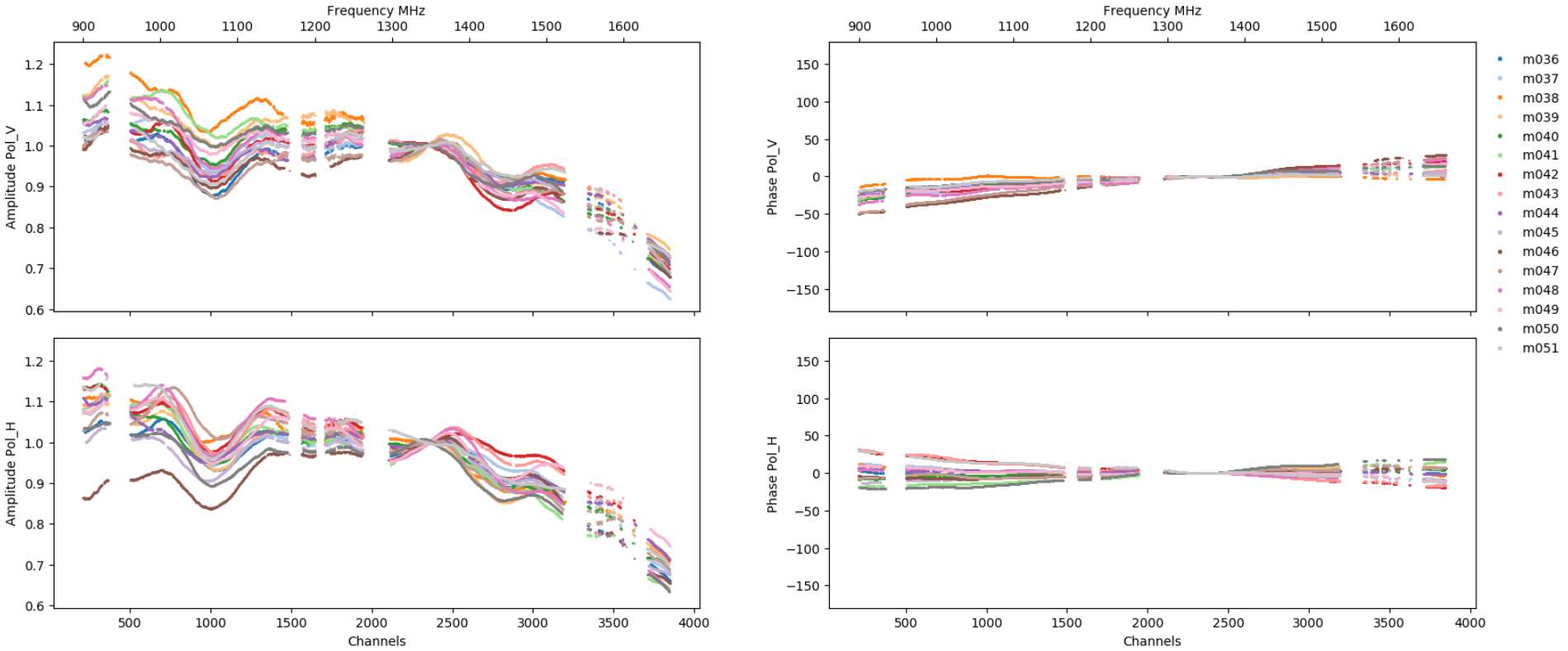
m035


Frequency MHz
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1300
1400
1500
1600
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
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4000
m036
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m040
m041
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m043
m044
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m047
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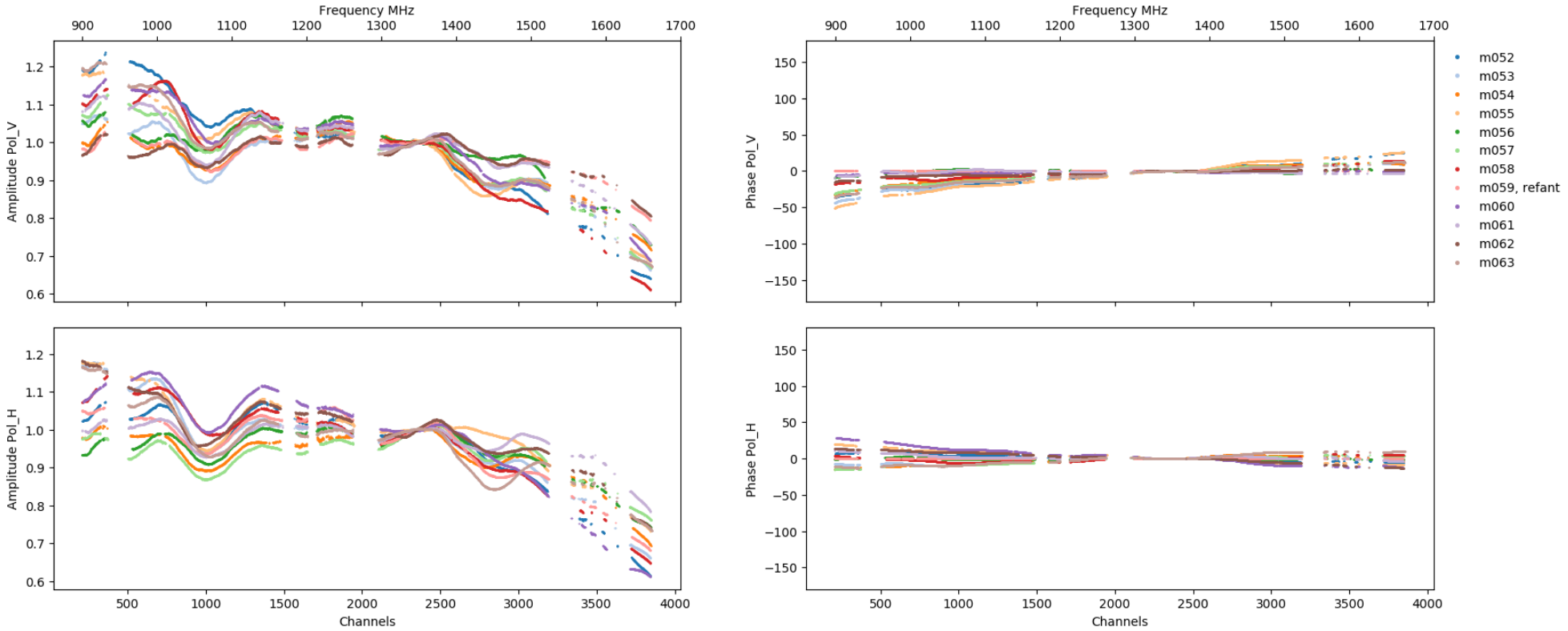
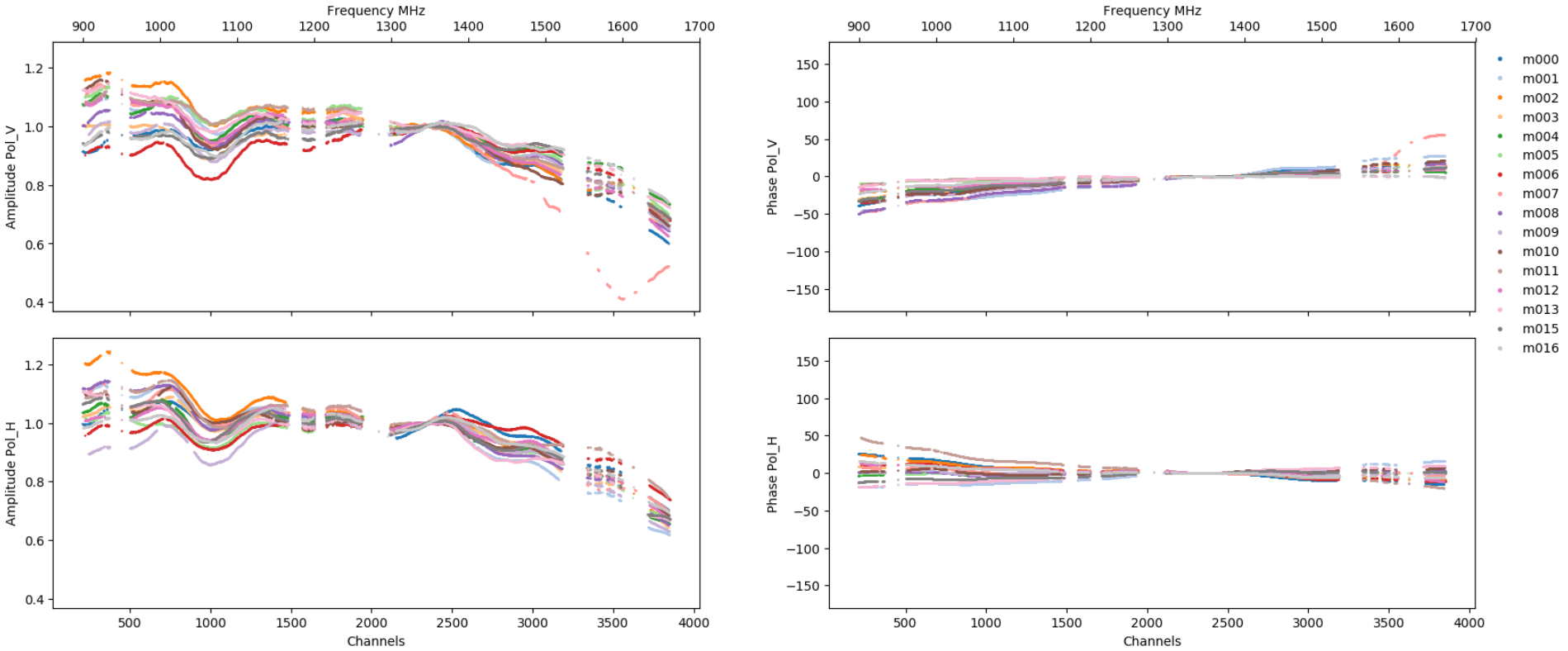
m049
m050
m051



Time: 2019-05-11 00:31:26

Antennas flagged for all channels:

- V: None
- H: None


Frequency MHz
900
1000
1100
1200
1300
1400
1500
1600
1700
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
500
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3000
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m000
m001
m002
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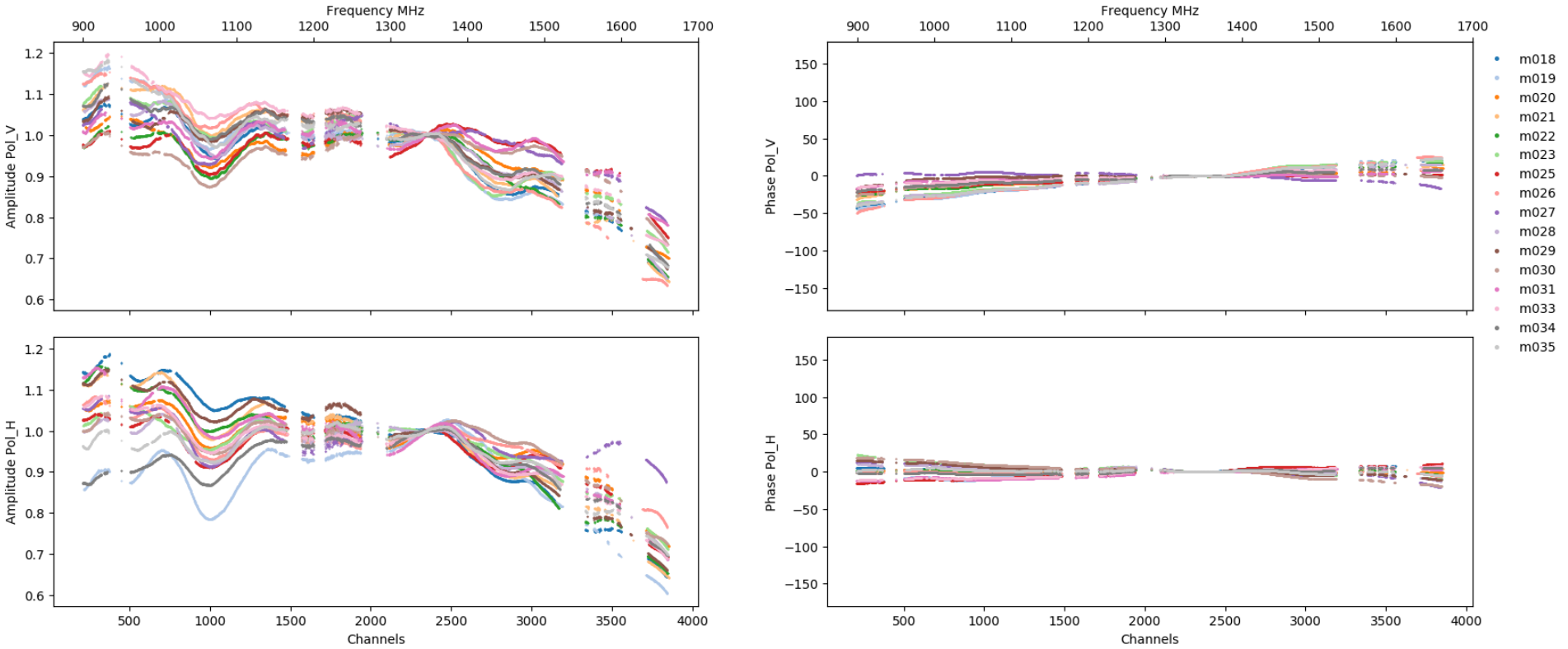
m015
m016


Frequency MHz
900
1000
1100
1200
1300
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1500
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1700
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
500
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3000
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m018
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m022
m023
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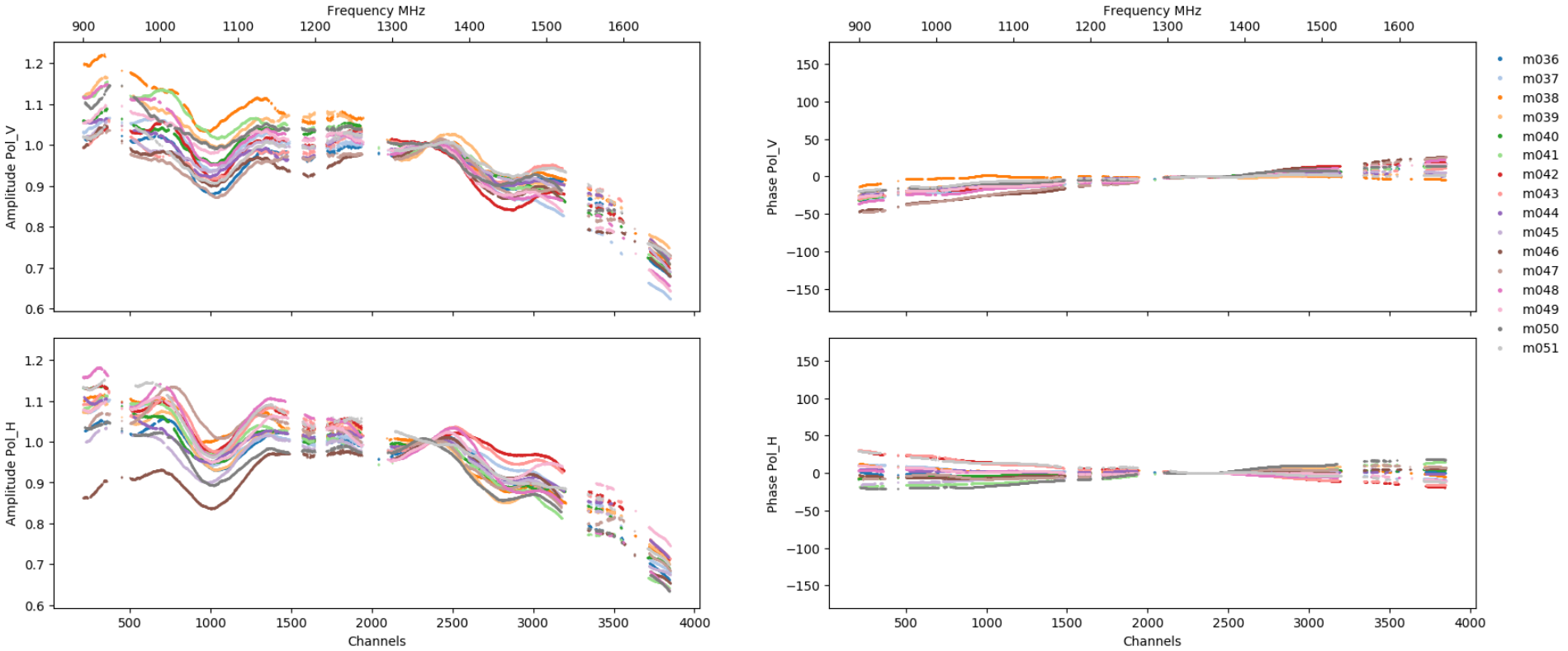
m034
m035


Frequency MHz
900
1000
1100
1200
1300
1400
1500
1600
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
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4000
m036
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m038
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m040
m041
m042
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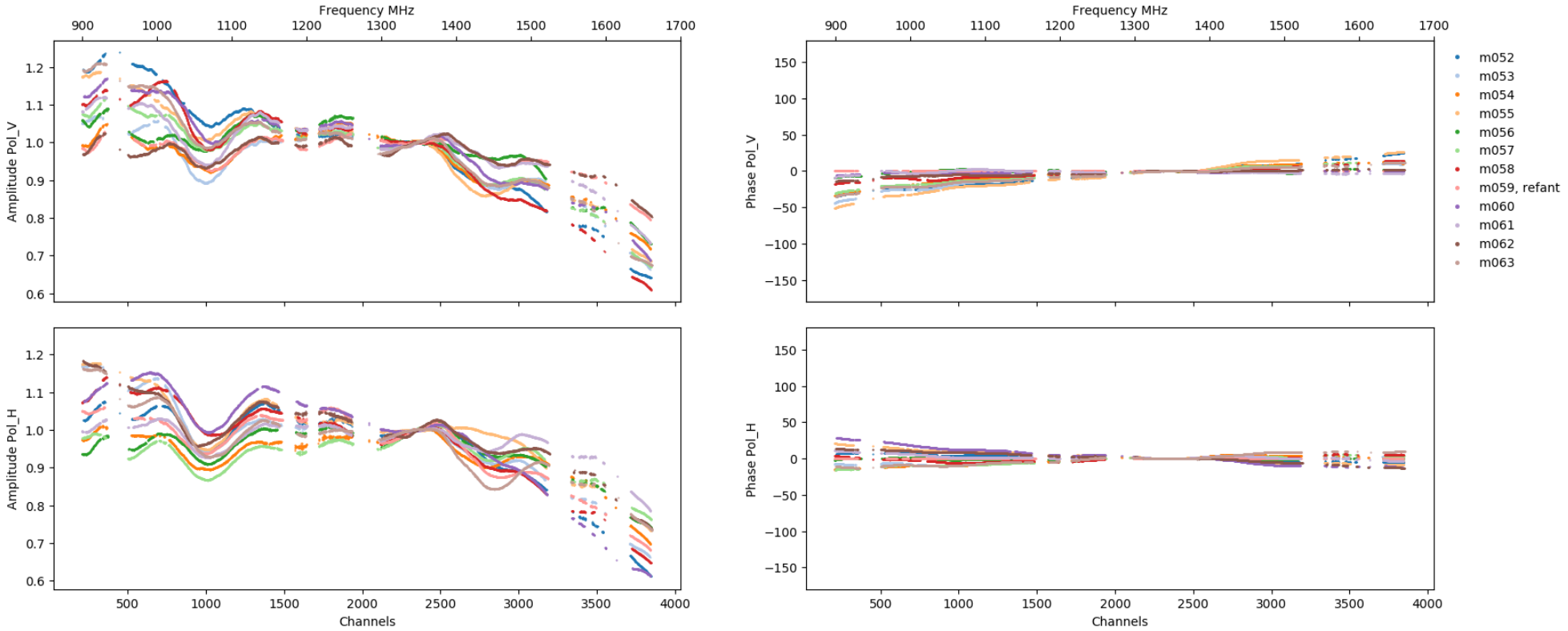
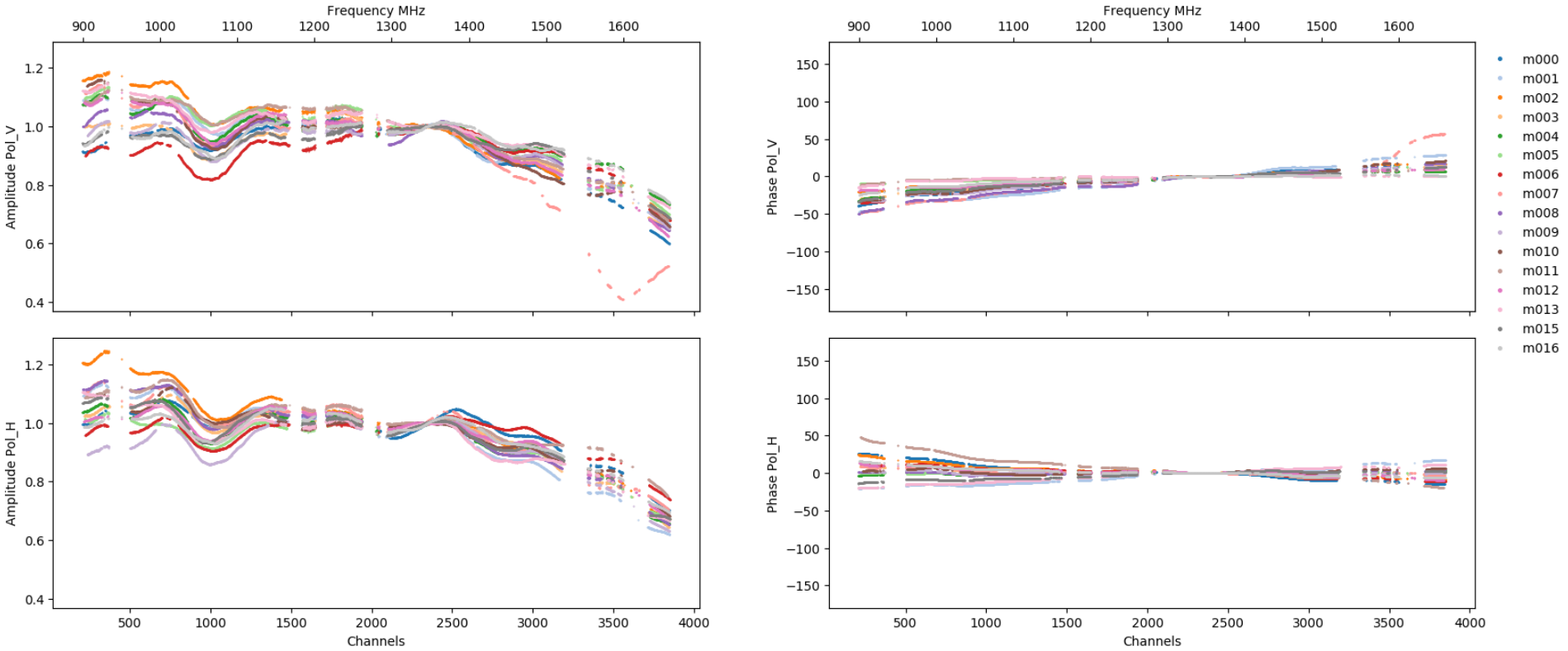
m049
m050
m051



Time: 2019-05-11 00:36:30

Antennas flagged for all channels:

- V: None
- H: None


Frequency MHz
900
1000
1100
1200
1300
1400
1500
1600
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
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2000
2500
3000
3500
4000
m000
m001
m002
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m005
m006
m007
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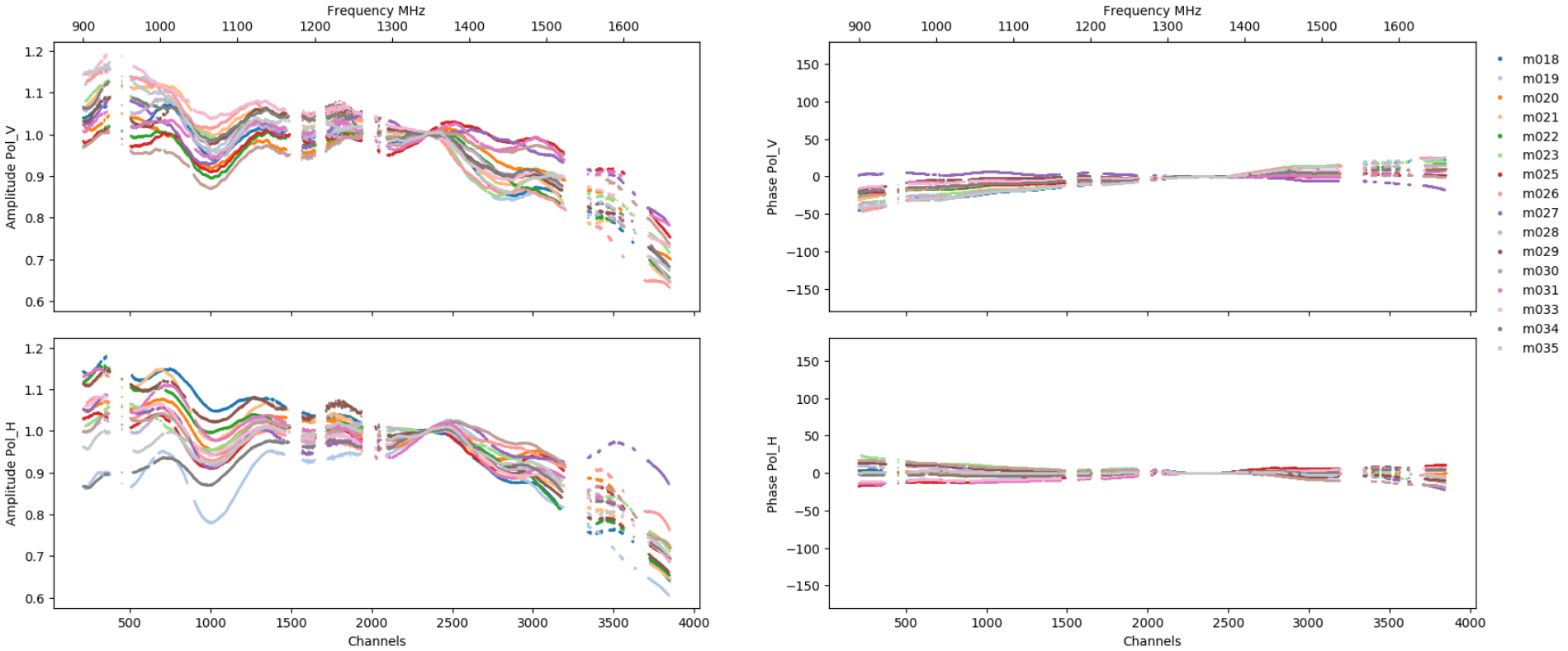
m010
m011
m012
m013
m015
m016


Frequency MHz
900
1000
1100
1200
1300
1400
1500
1600
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
500
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2000
2500
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3500
4000
m018
m019
m020
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m022
m023
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m026
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m029
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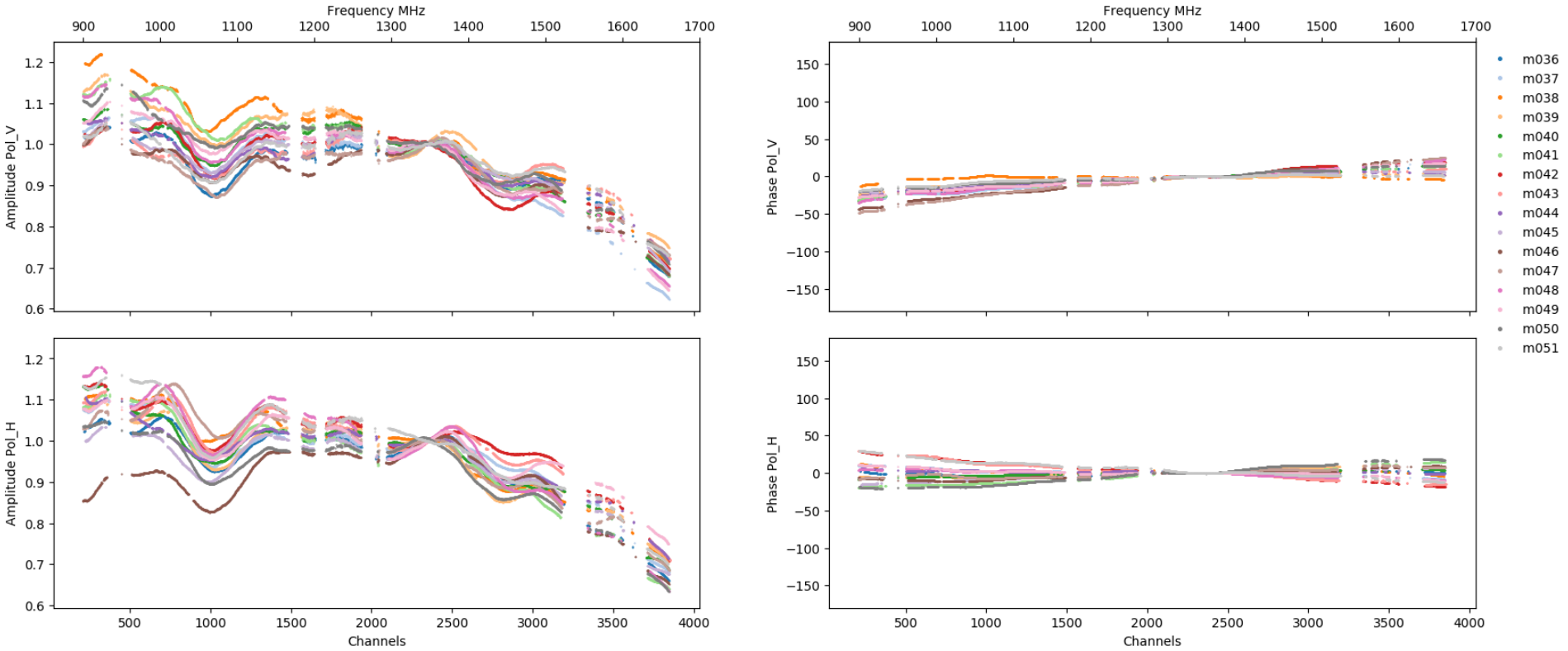
m031
m033
m034
m035


Frequency MHz
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1100
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1300
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1500
1600
1700
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
500
1000
1500
2000
2500
3000
3500
4000
m036
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m041
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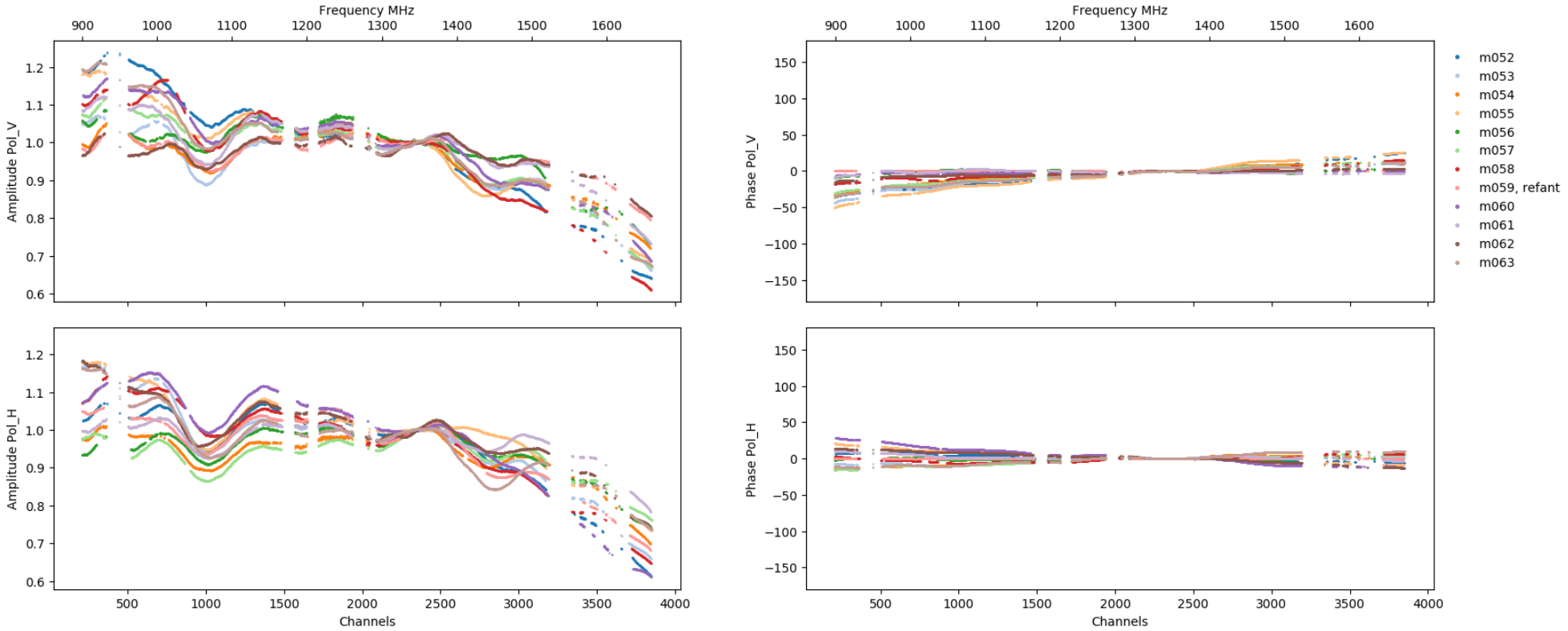
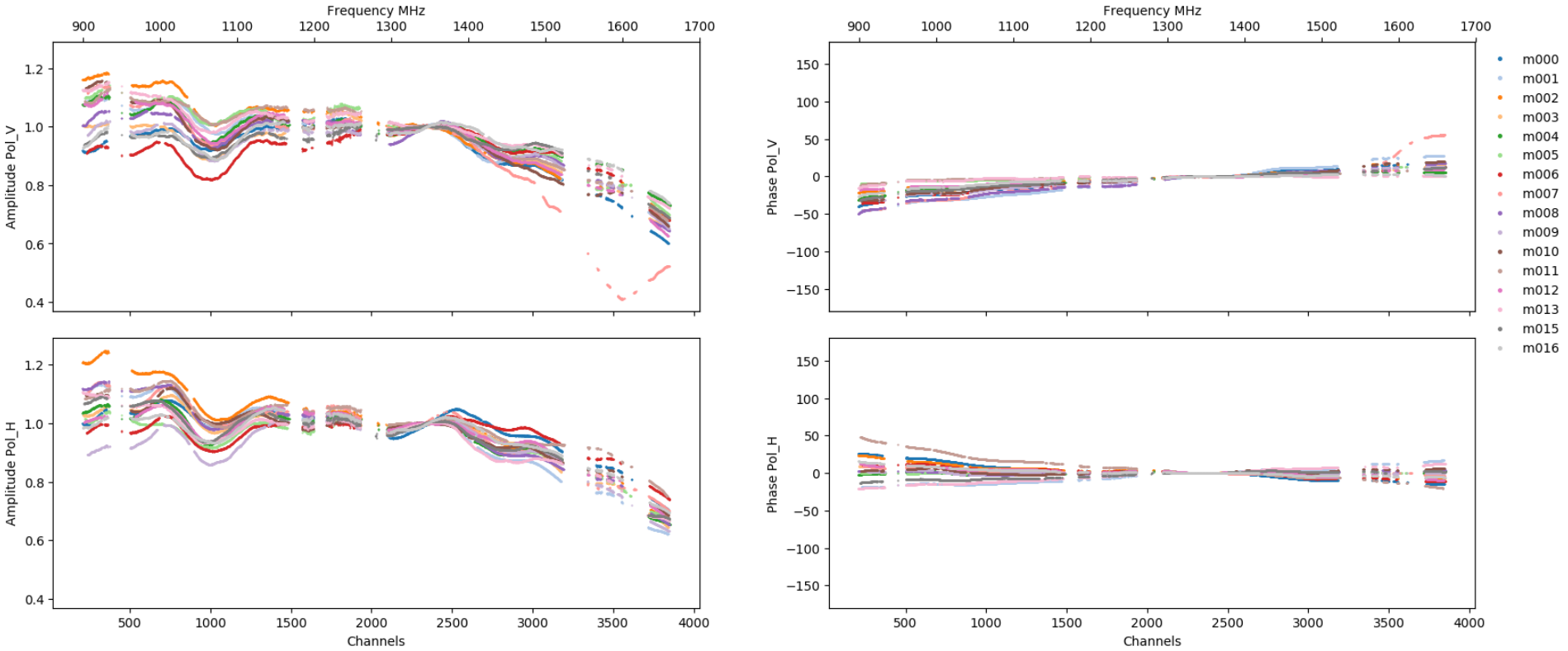
m051

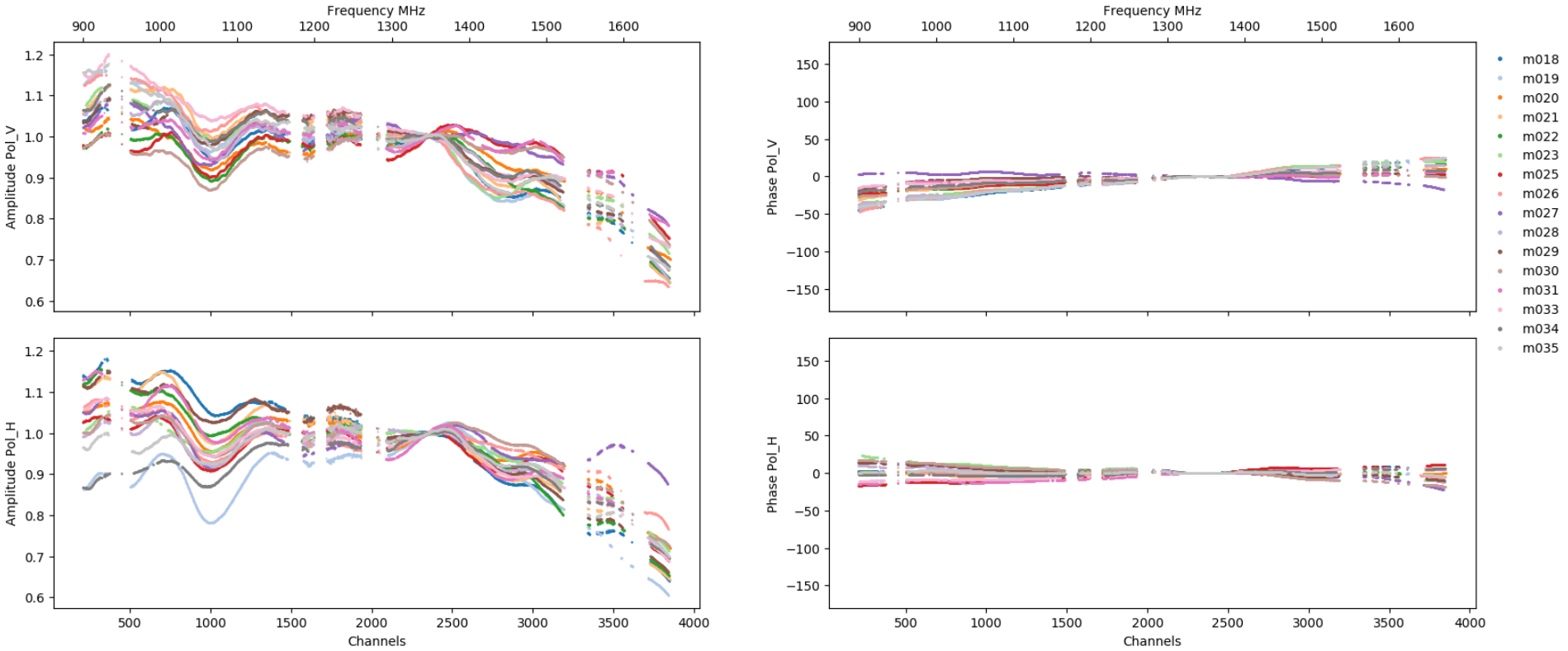


Time: 2019-05-11 00:41:34

Antennas flagged for all channels:

- V: None
- H: None


Frequency MHz
900
1000
1100
1200
1300
1400
1500
1600
1700
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
500
1000
1500
2000
2500
3000
3500
4000
m000
m001
m002
m003
m004
m005
m006
m007
m008
m009
m010
m011
m012
m013
m015
m016


Frequency MHz
900
1000
1100
1200
1300
1400
1500
1600
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
500
1000
1500
2000
2500
3000
3500
4000
m018
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m020
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m022
m023
m025
m026
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m029
m030
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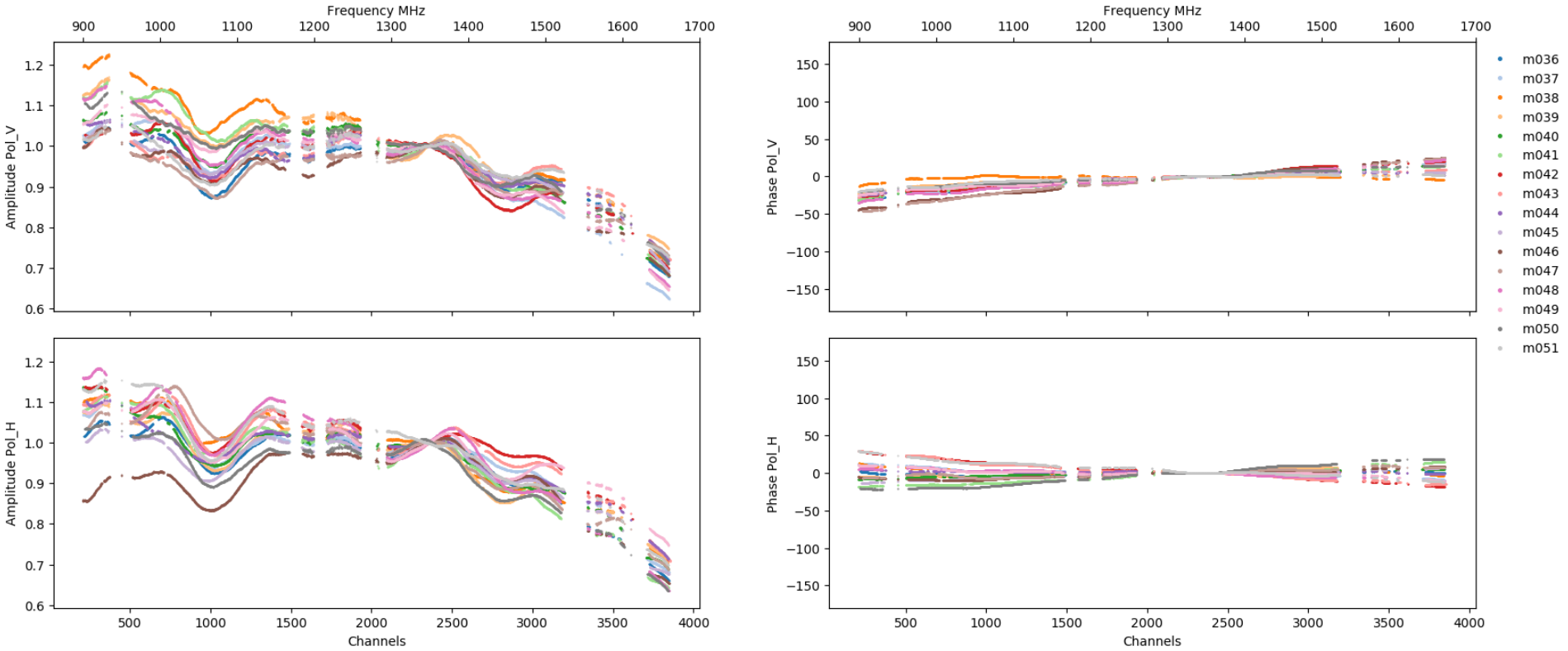
m033
m034
m035


Frequency MHz
900
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1100
1200
1300
1400
1500
1600
1700
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
500
1000
1500
2000
2500
3000
3500
4000
m036
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m038
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m040
m041
m042
m043
m044
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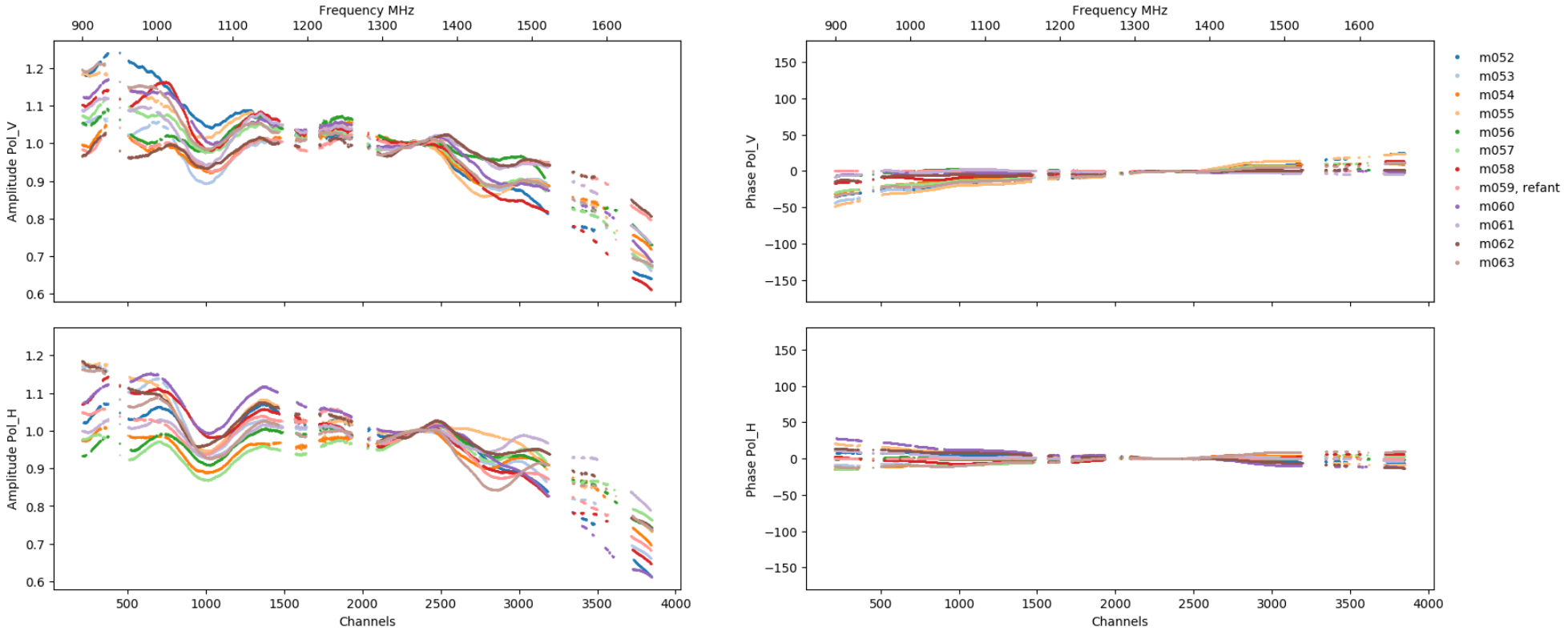
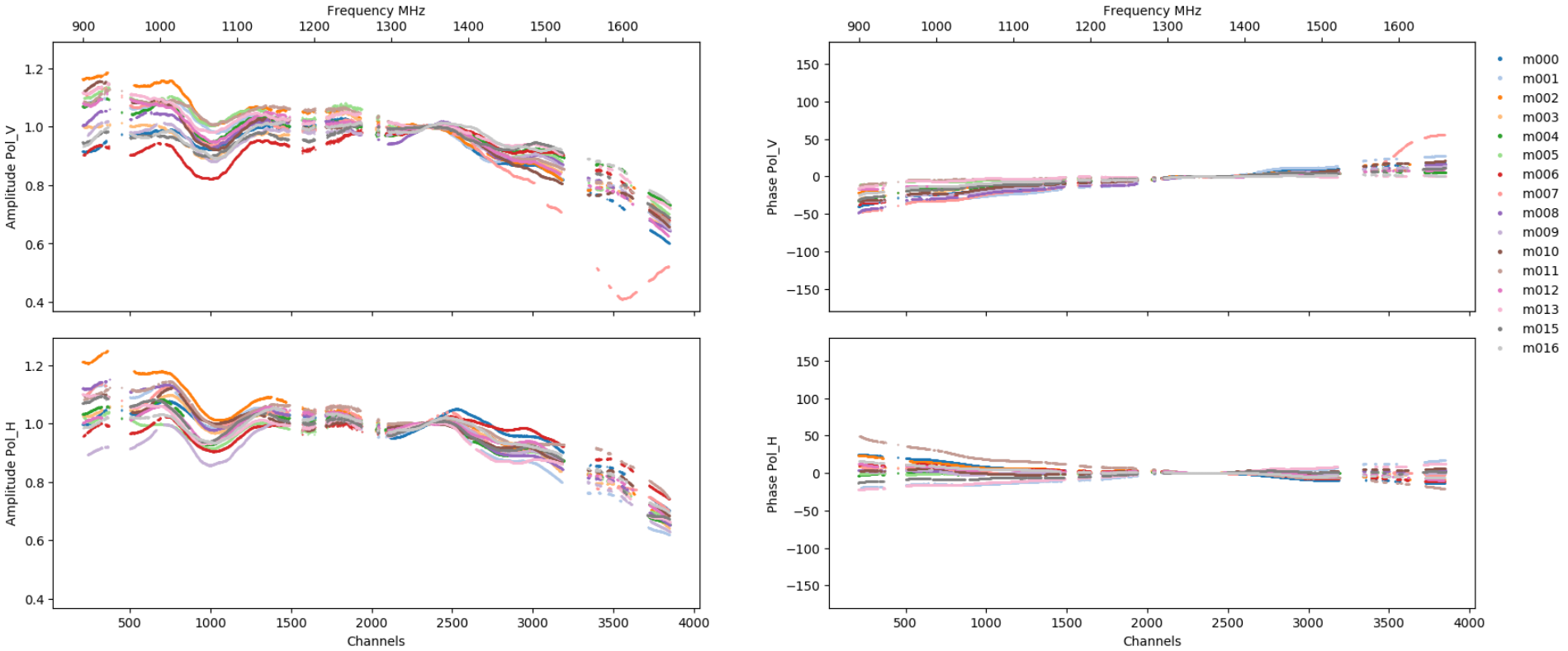
m046
m047
m048
m049
m050
m051



Time: 2019-05-11 00:46:33

Antennas flagged for all channels:

- V: None
- H: None


Frequency MHz
900
1000
1100
1200
1300
1400
1500
1600
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
500
1000
1500
2000
2500
3000
3500
4000
m000
m001
m002
m003
m004
m005
m006
m007
m008
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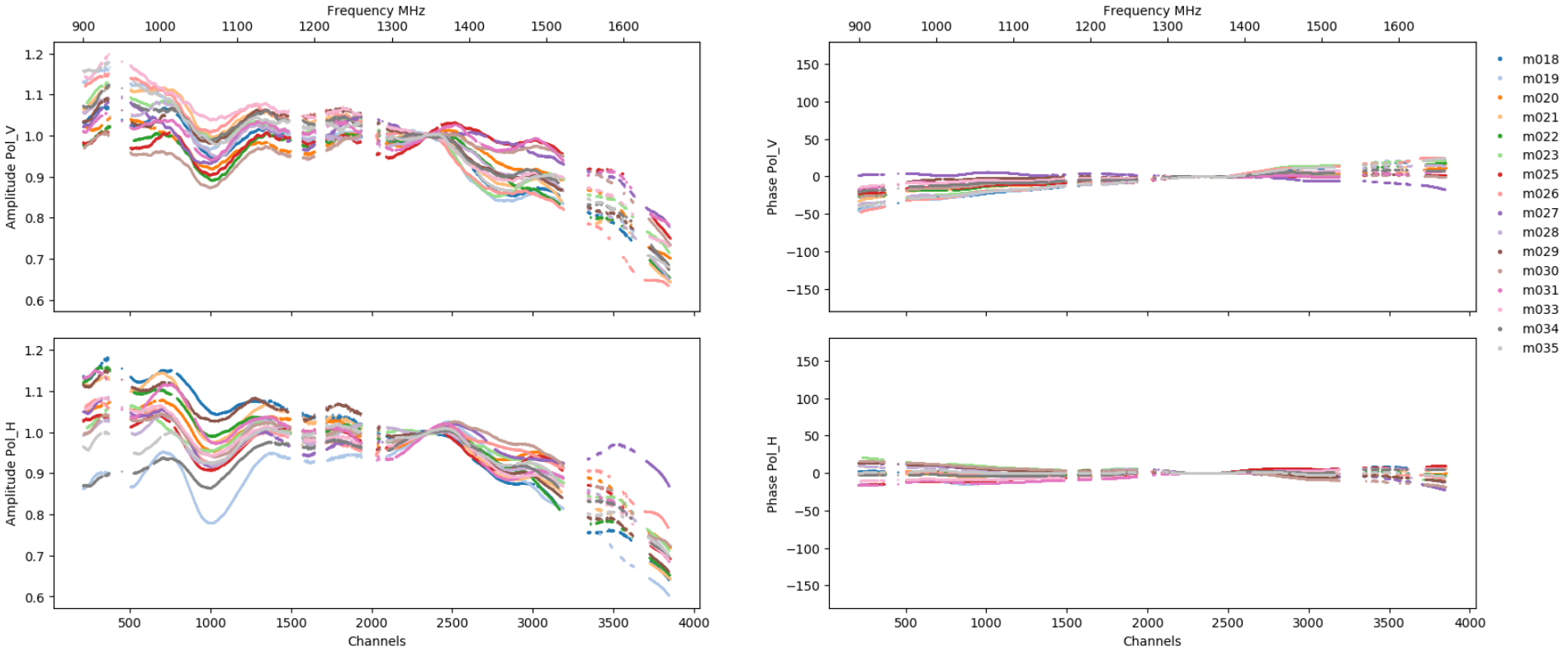
m010
m011
m012
m013
m015
m016


Frequency MHz
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1200
1300
1400
1500
1600
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
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4000
m018
m019
m020
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m022
m023
m025
m026
m027
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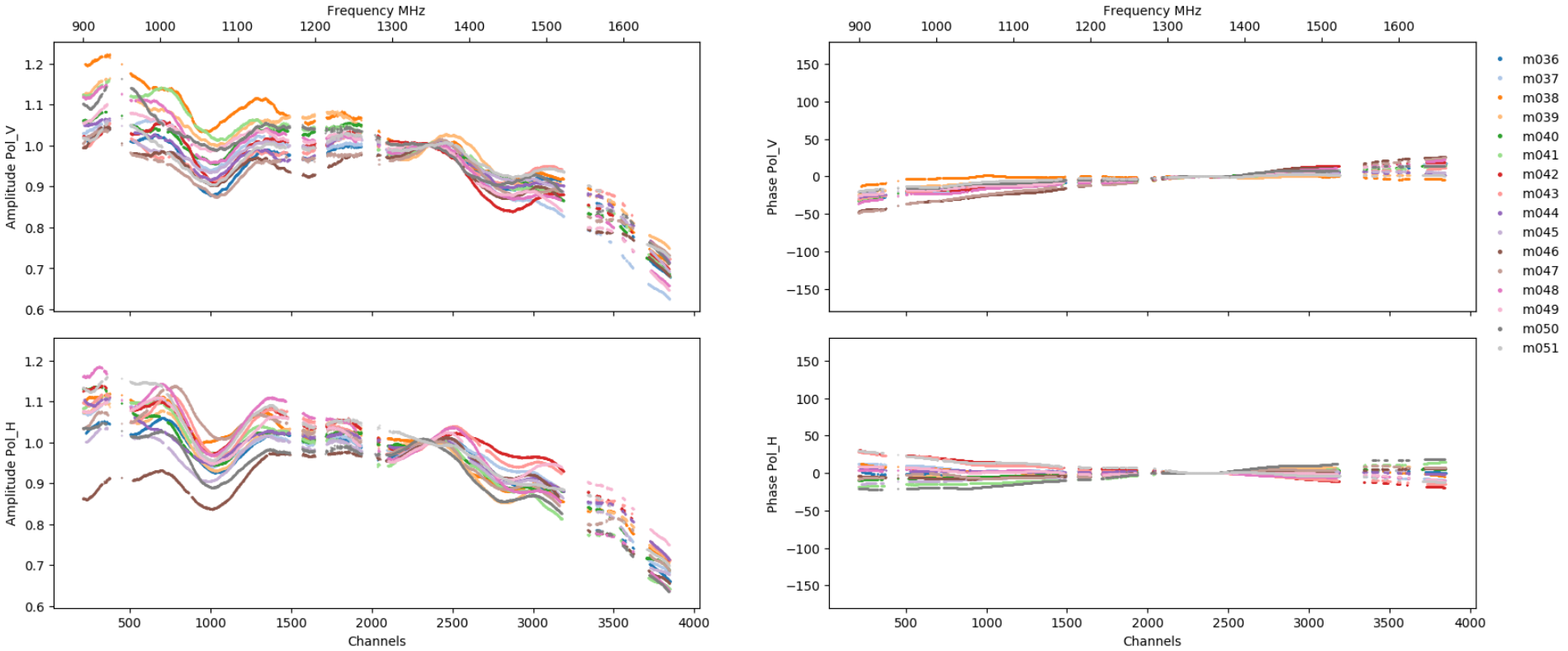
m029
m030
m031
m033
m034
m035


Frequency MHz
900
1000
1100
1200
1300
1400
1500
1600
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
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4000
m036
m037
m038
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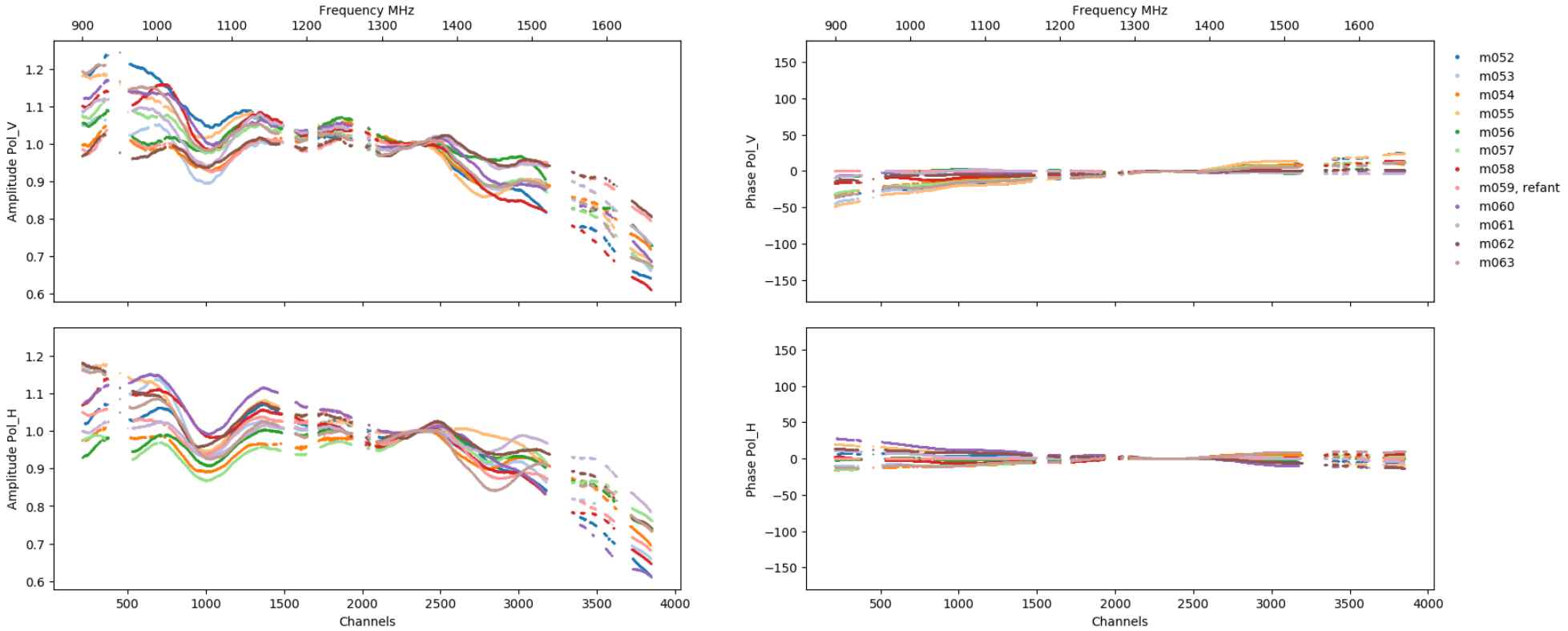
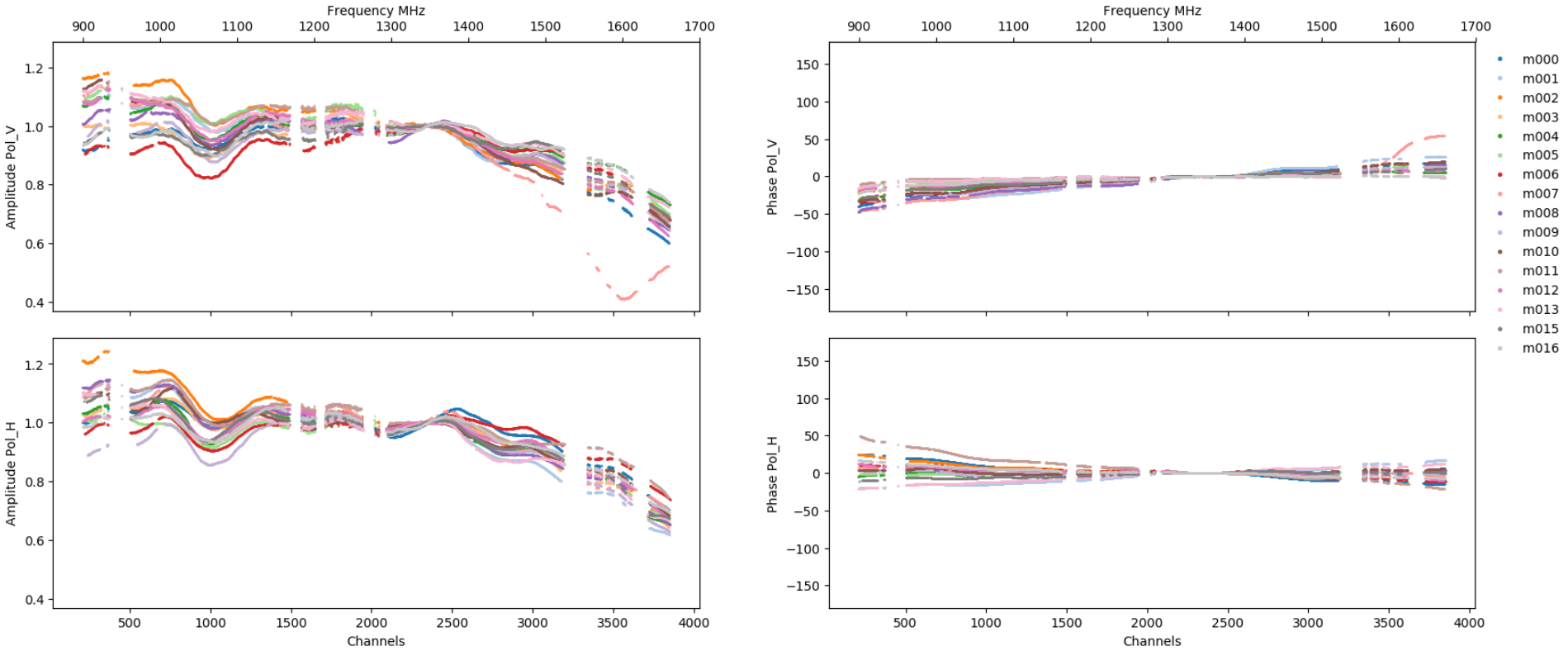
m040
m041
m042
m043
m044
m045
m046
m047
m048
m049
m050
m051



Time: 2019-05-11 00:51:09

Antennas flagged for all channels:

- V: None
- H: None


Frequency MHz
900
1000
1100
1200
1300
1400
1500
1600
1700
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
500
1000
1500
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2500
3000
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m000
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m002
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m008
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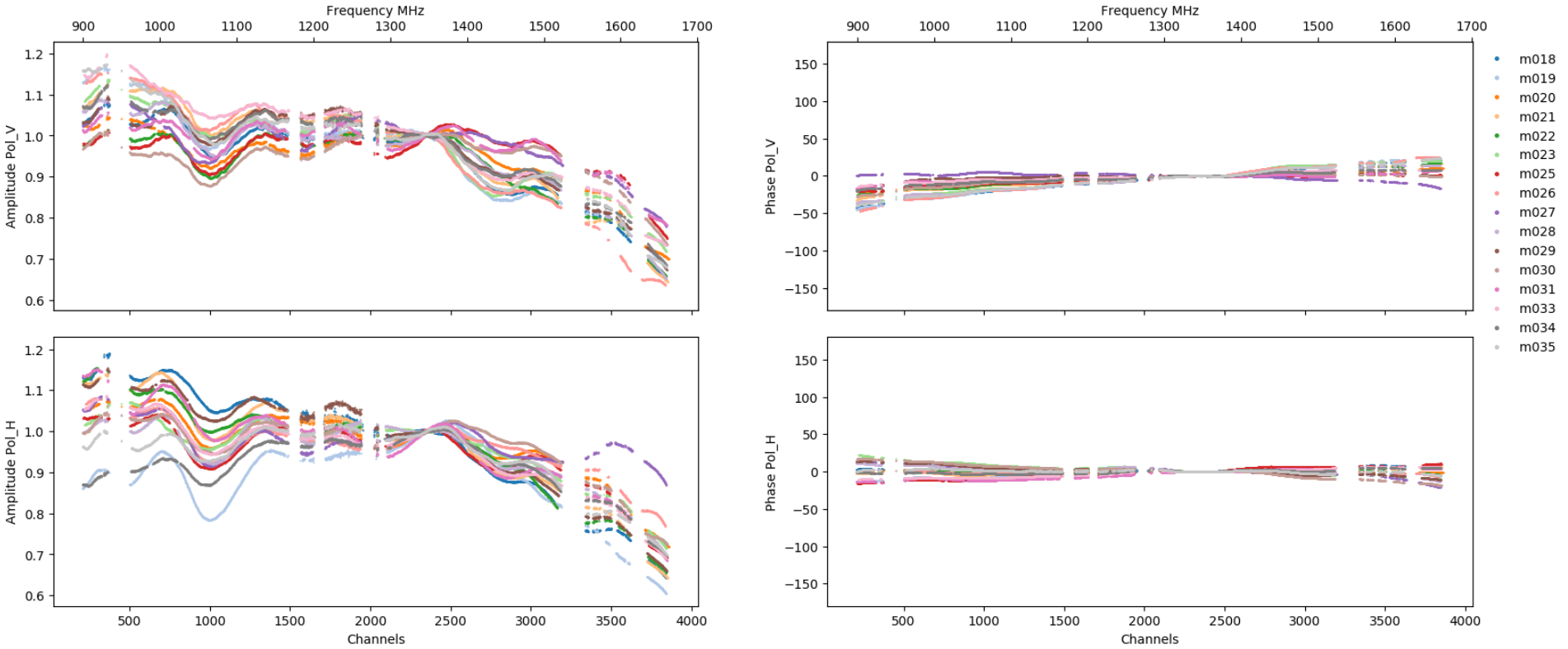
m016


Frequency MHz
900
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1100
1200
1300
1400
1500
1600
1700
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
500
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2500
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m018
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m022
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m025
m026
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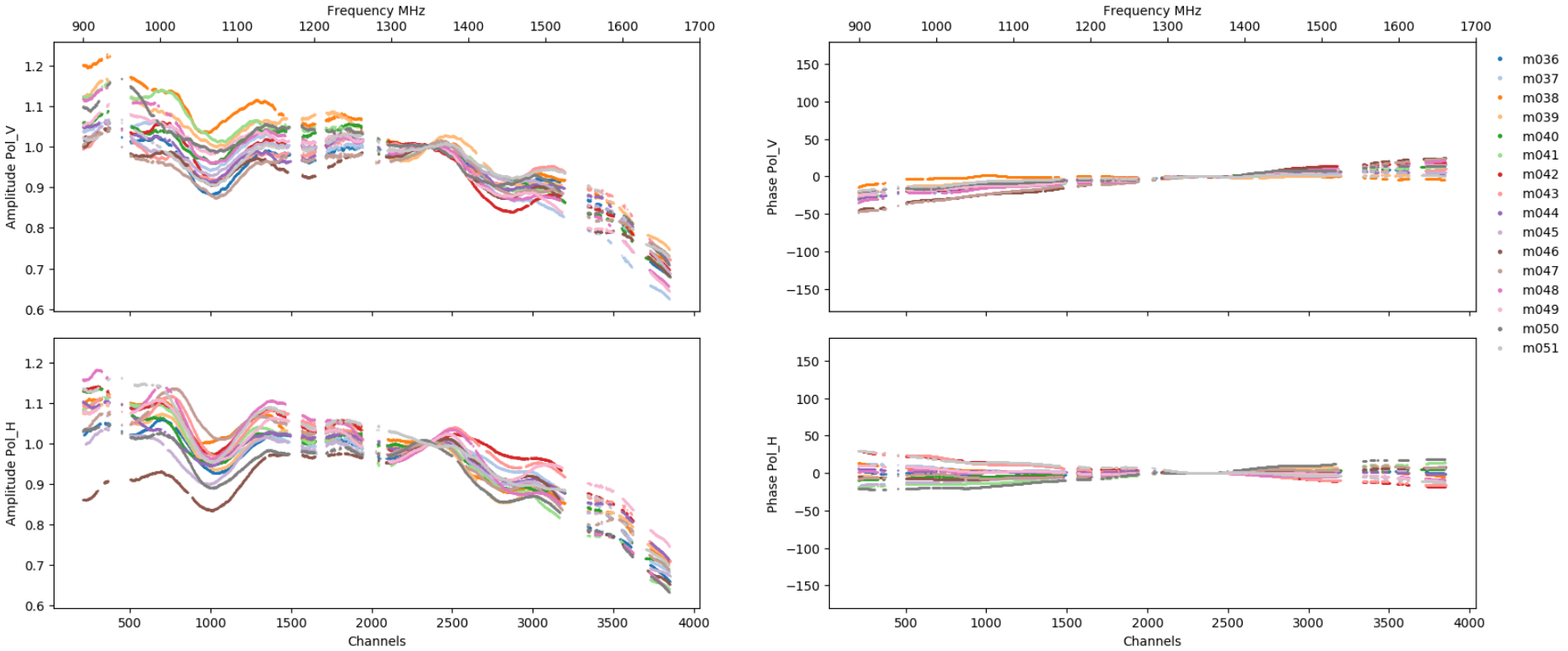
m030
m031
m033
m034
m035


Frequency MHz
900
1000
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1700
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
500
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3000
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m036
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m038
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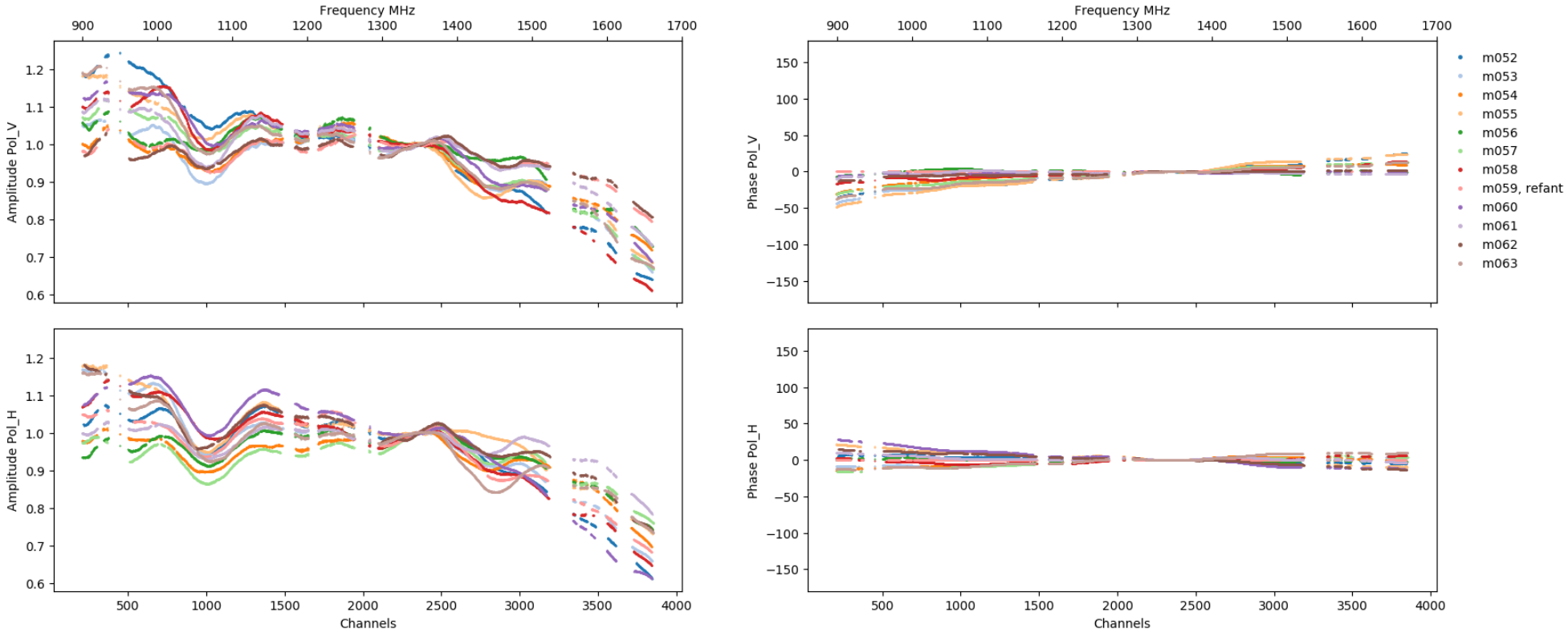
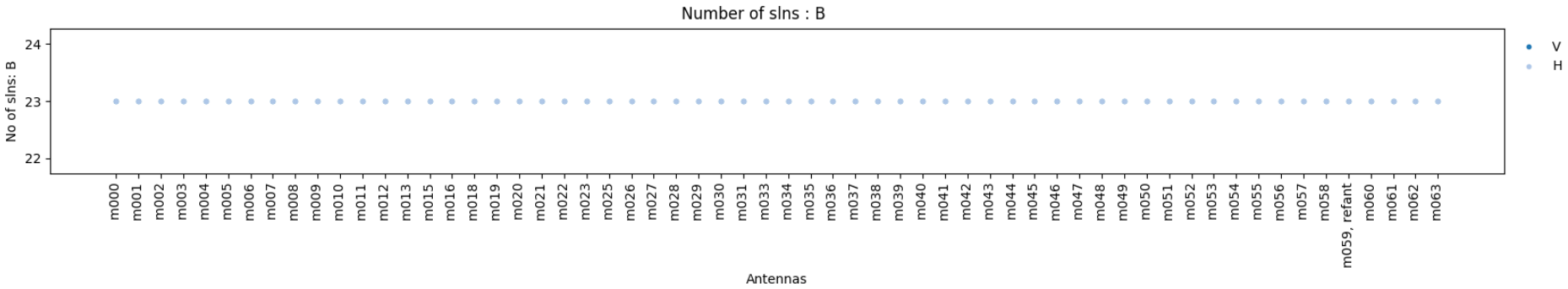
m040
m041
m042
m043
m044
m045
m046
m047
m048
m049
m050
m051



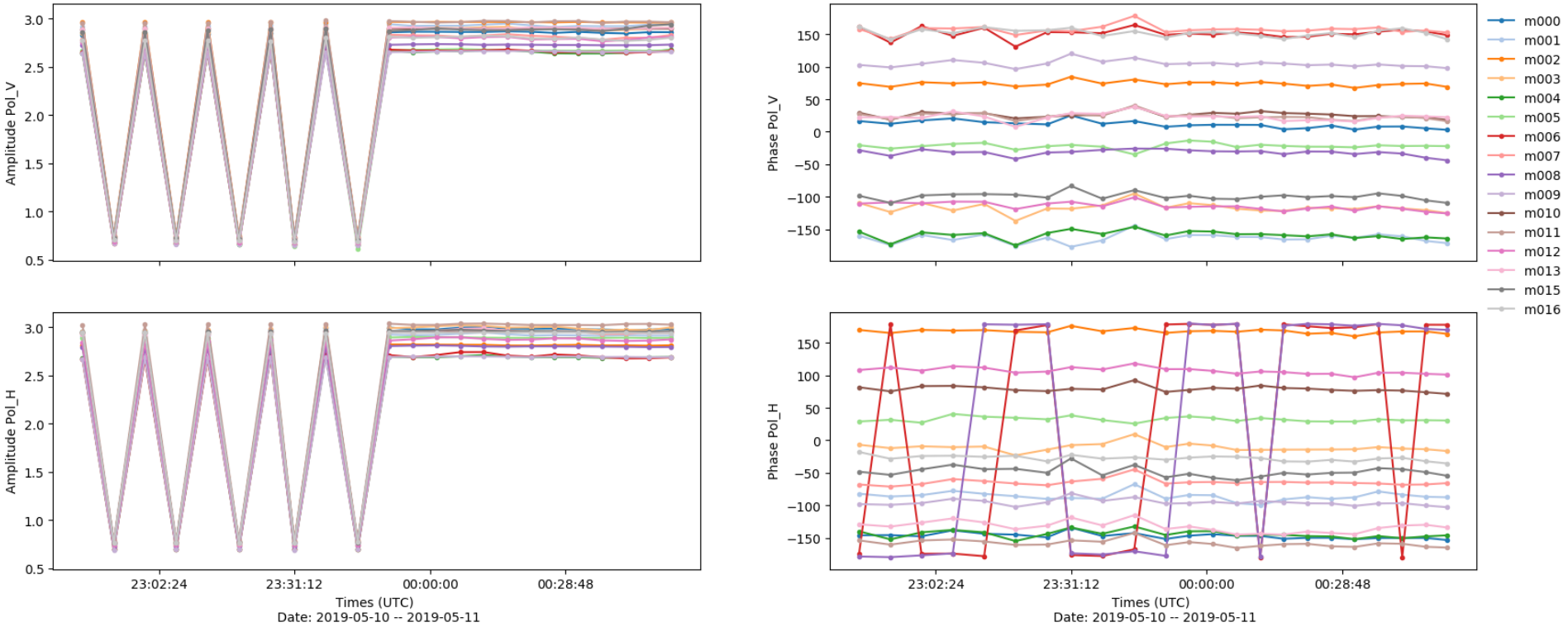


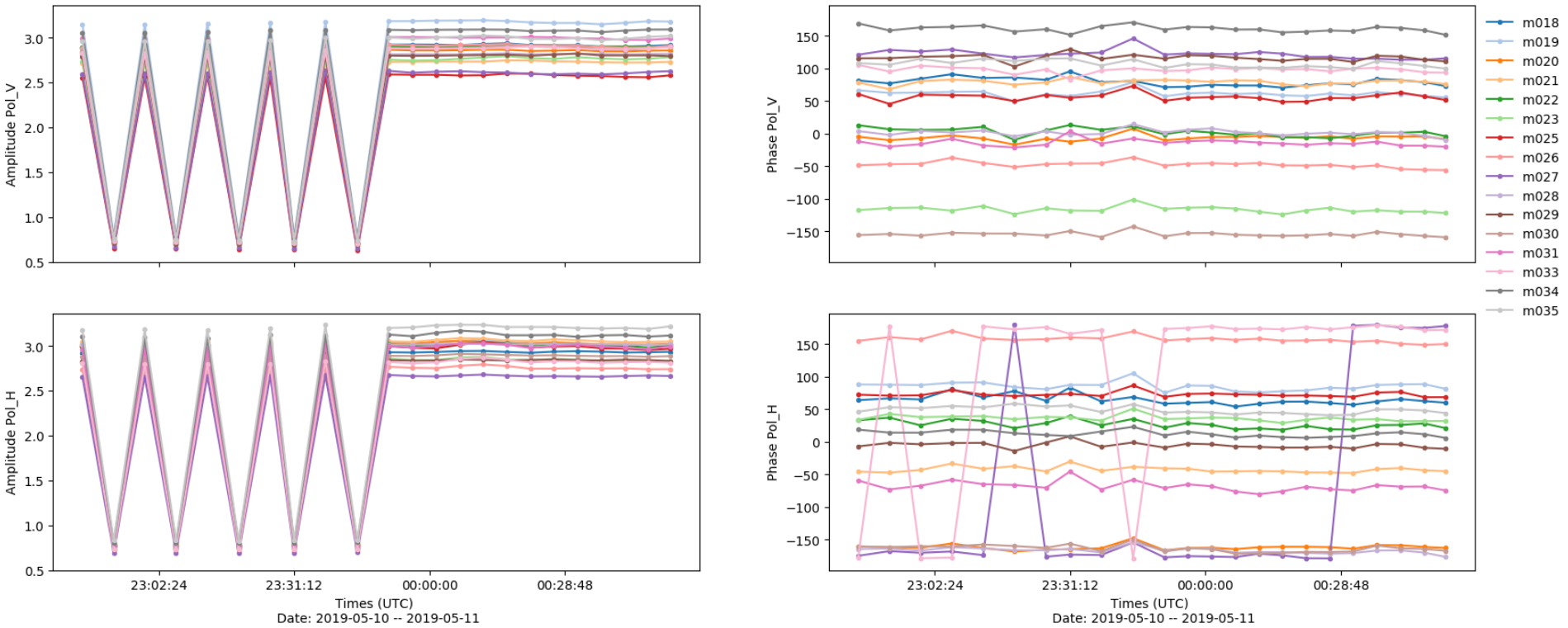
Calibration product G

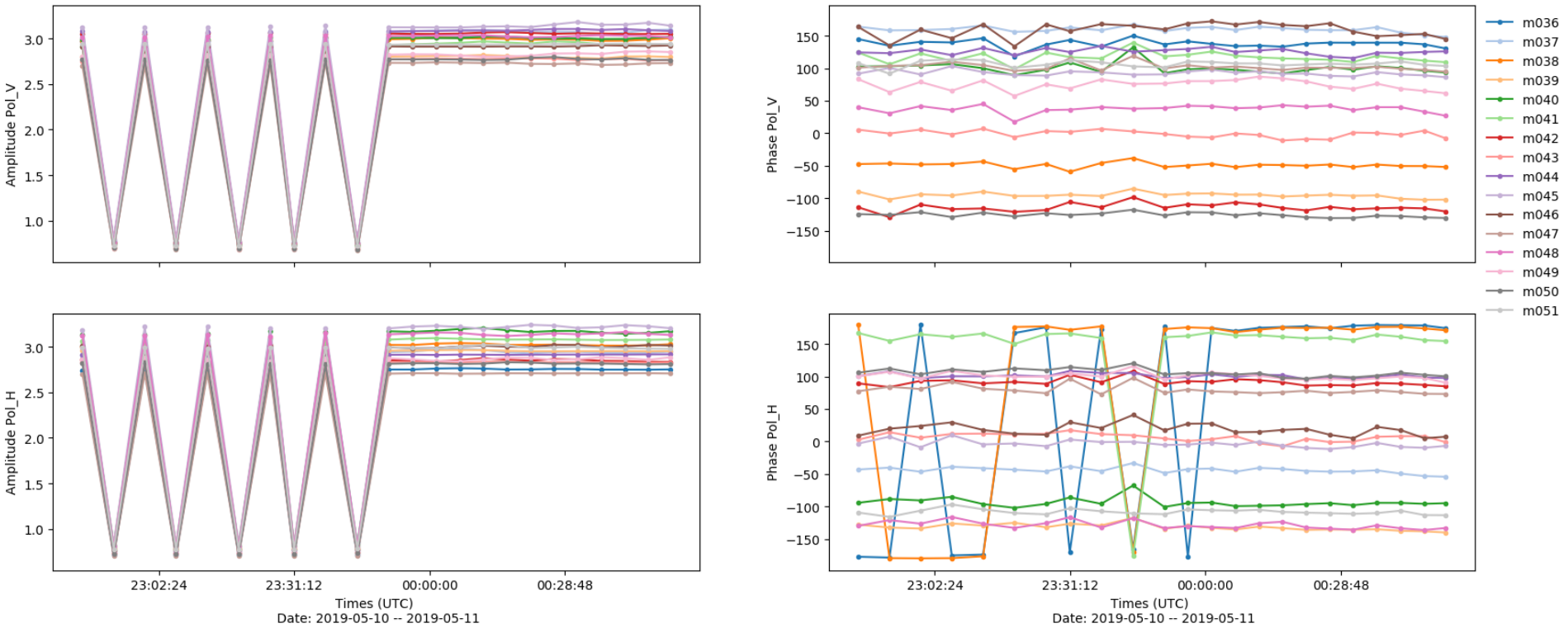
Gain calibration solutions

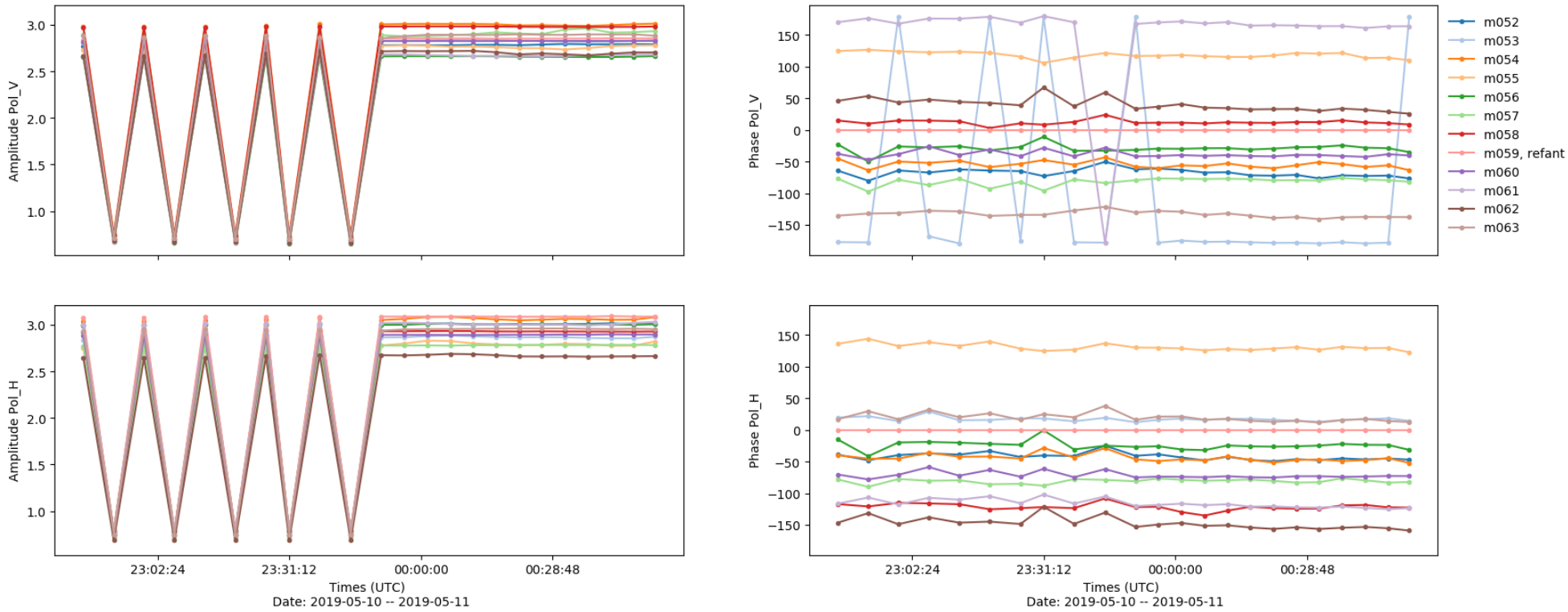
Antennas flagged for all times:

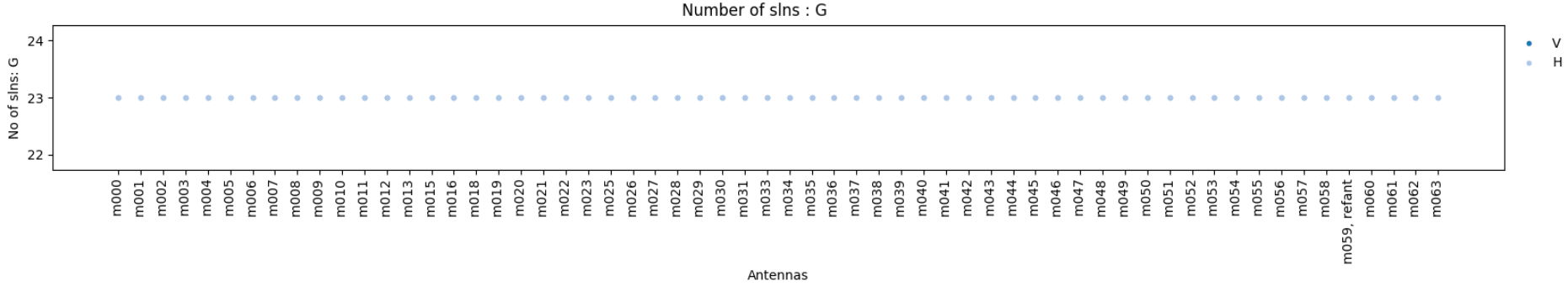
- V: None
- H: None


Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
3.0
2.5
2.0
1.5
1.0
0.5
150
100
50
0
−50
−100
−150
23:02:24
23:31:12
00:00:00
00:28:48
Times (UTC)
Date: 2019-05-10 -- 2019-05-11
m000
m001
m002
m003
m004
m005
m006
m007
m008
m009
m010
m011
m012
m013
m015
m016


Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
23:02:24
23:31:12
00:00:00
00:28:48
Times (UTC)
Date: 2019-05-10 -- 2019-05-11
m018
m019
m020
m021
m022
m023
m025
m026
m027
m028
m029
m030
m031
m033
m034
m035


Amplitude Pol_V
Phase Pol_V
Amplitude Pol_H
Phase Pol_H
m036
m037
m038
m039
m040
m041
m042
m043
m044
m045
m046
m047
m048
m049
m050
m051
23:02:24
23:31:12
00:00:00
00:28:48
Times (UTC)
Date: 2019-05-10 -- 2019-05-11

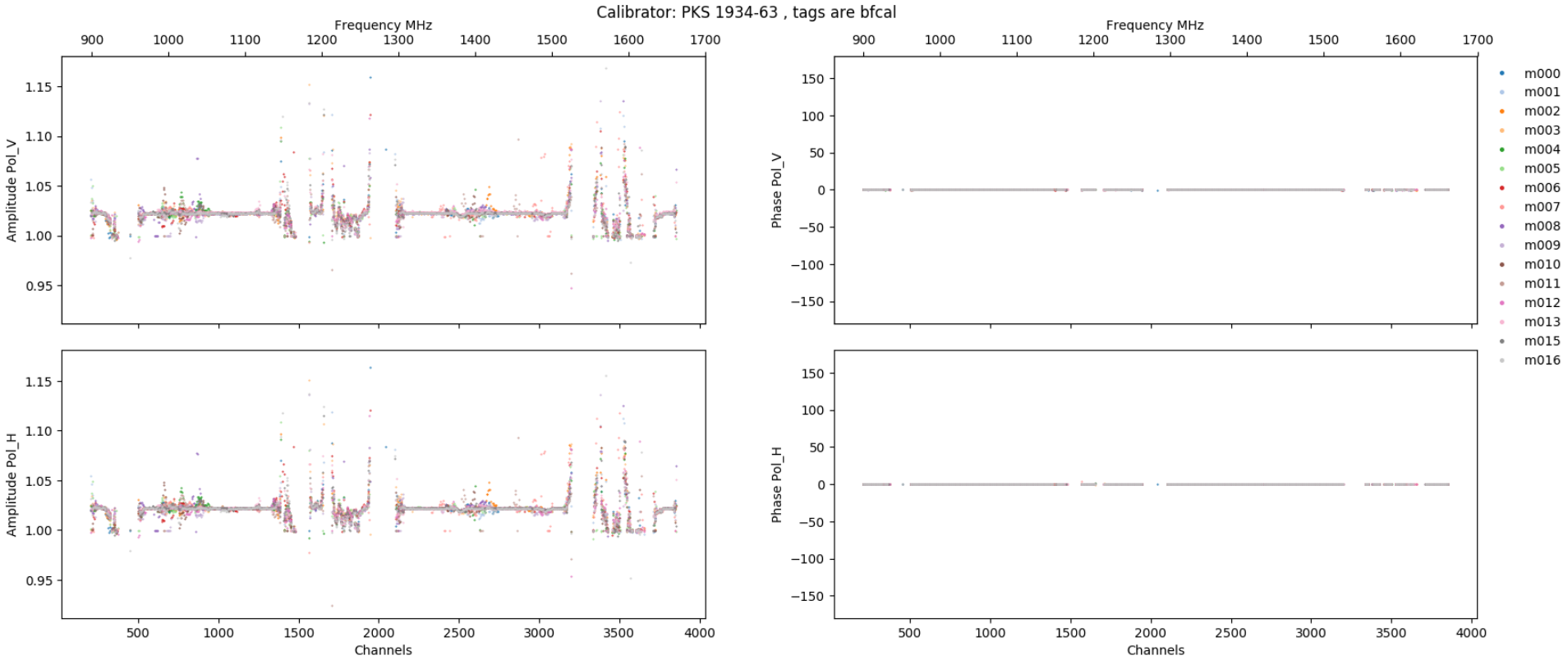


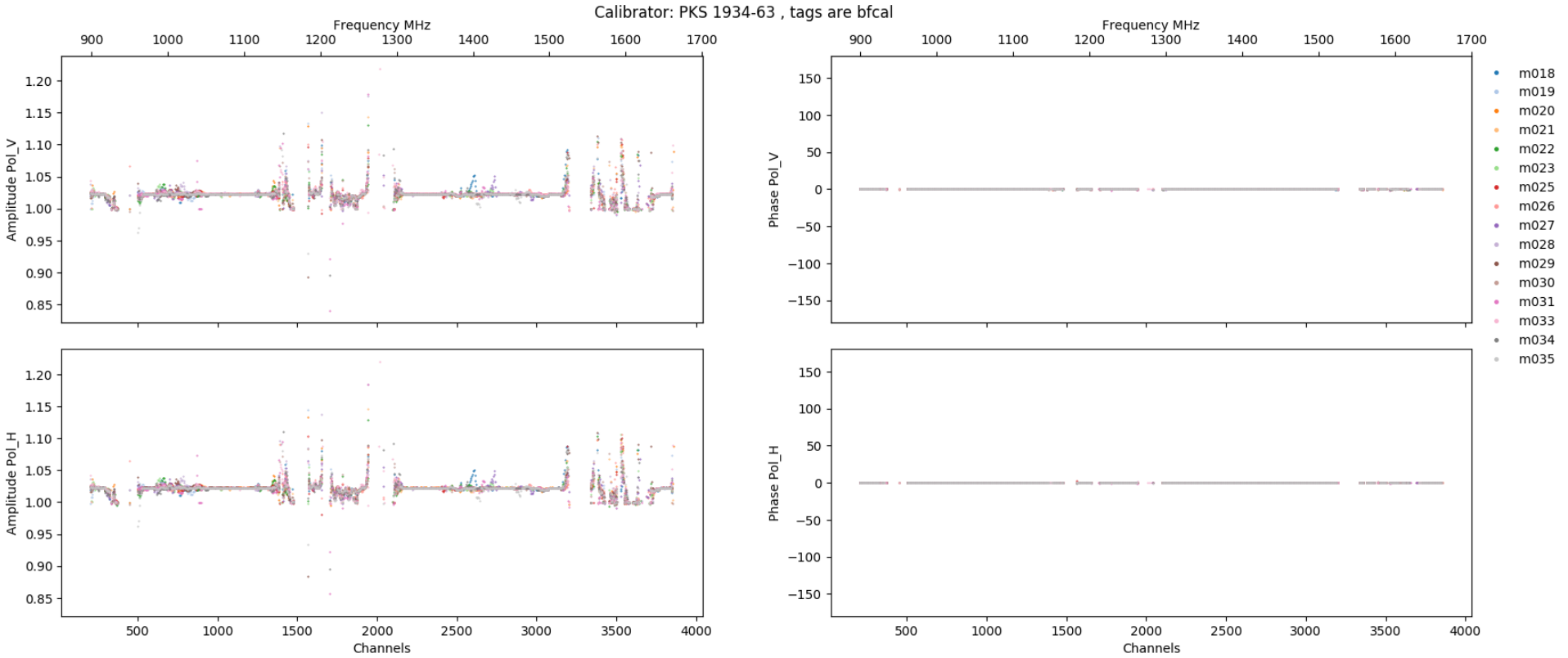


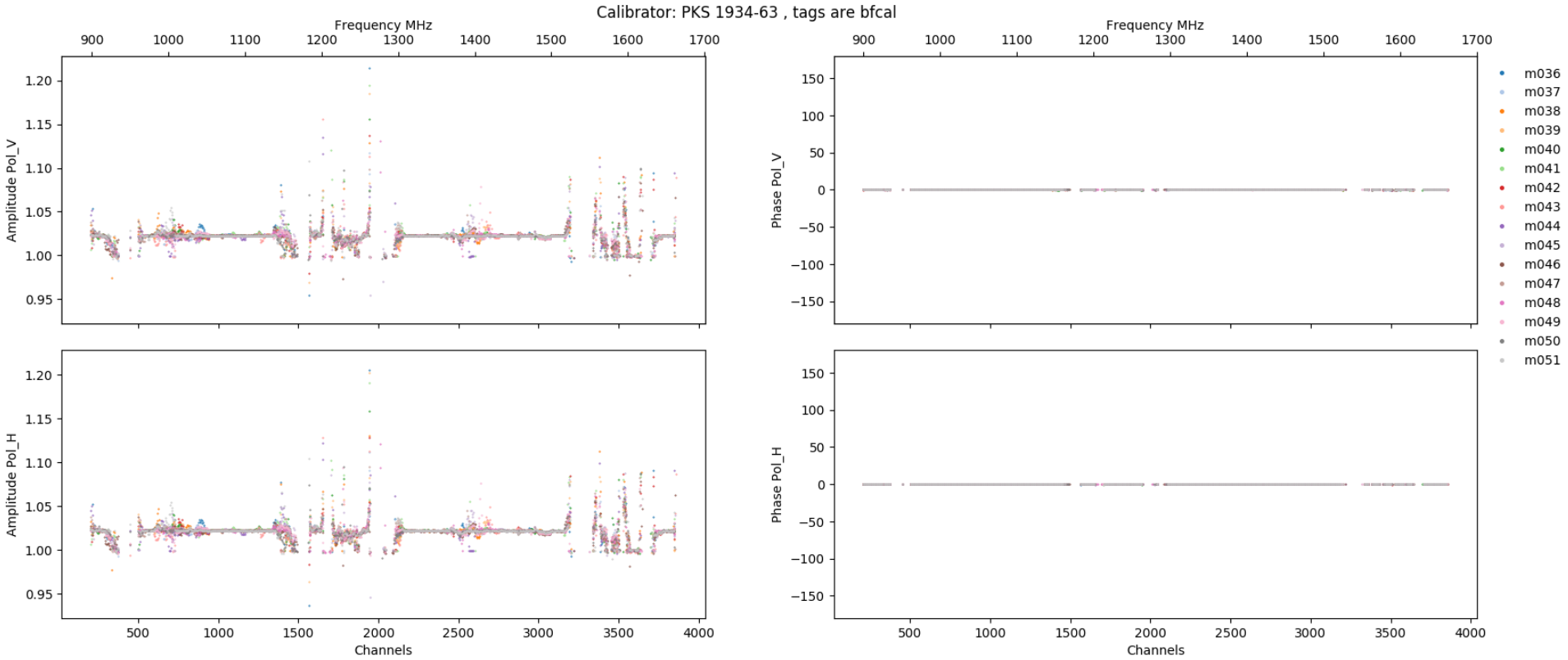
Calibrator Summary Plots

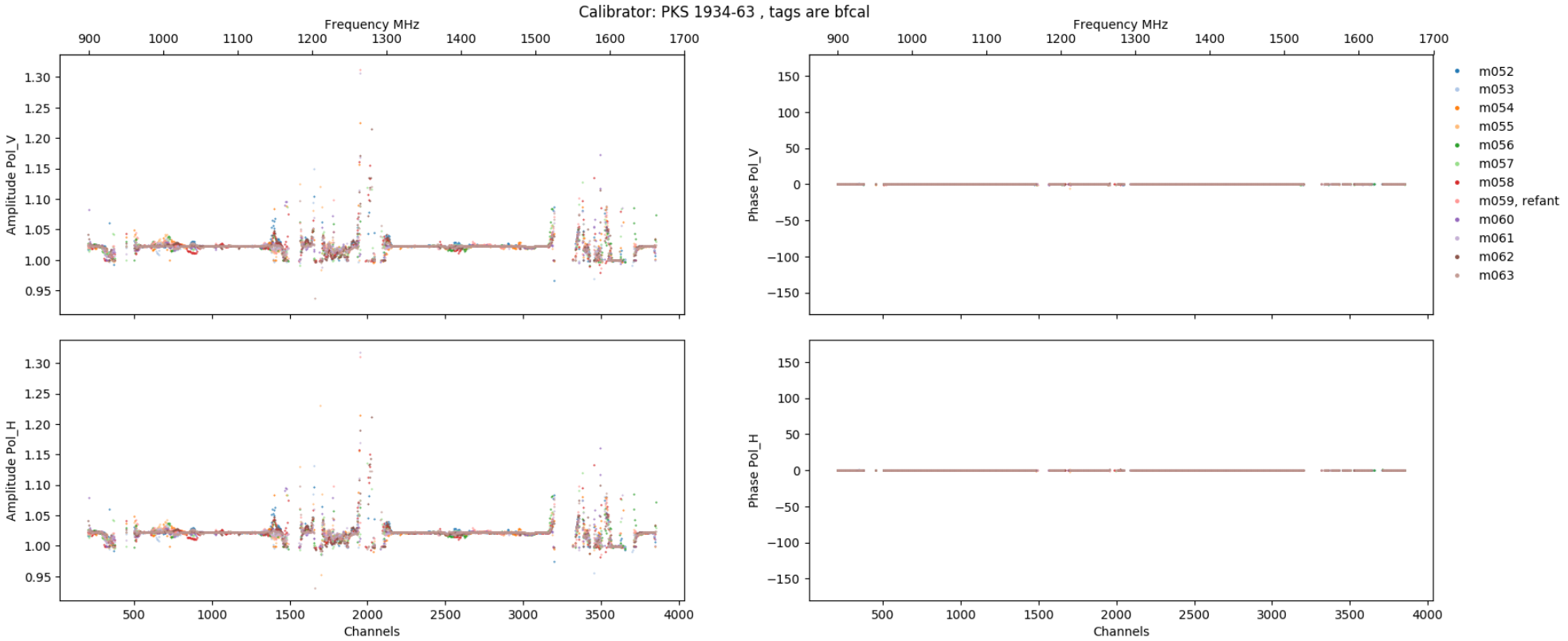
Corrected Amp and Phase vs Frequency, all gain-calibrated calibrators

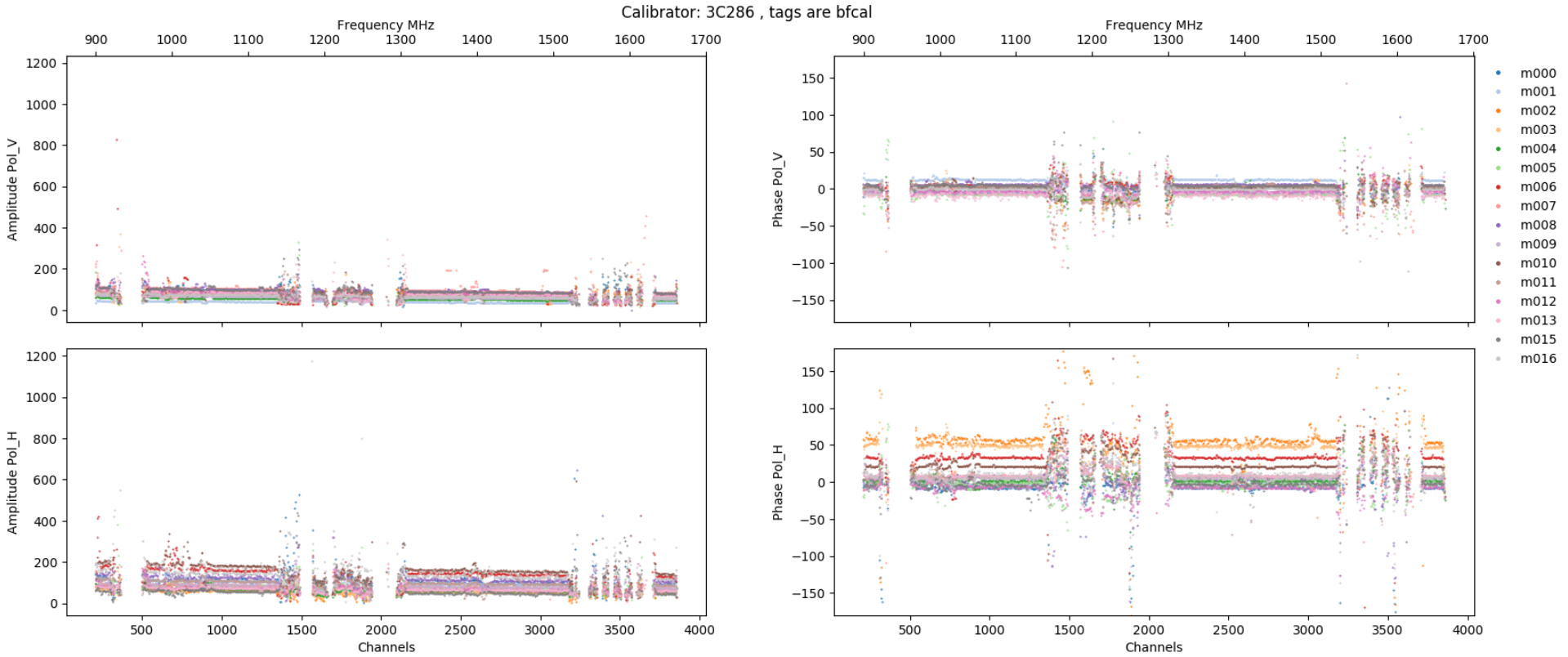
All baselines, averaged per antenna

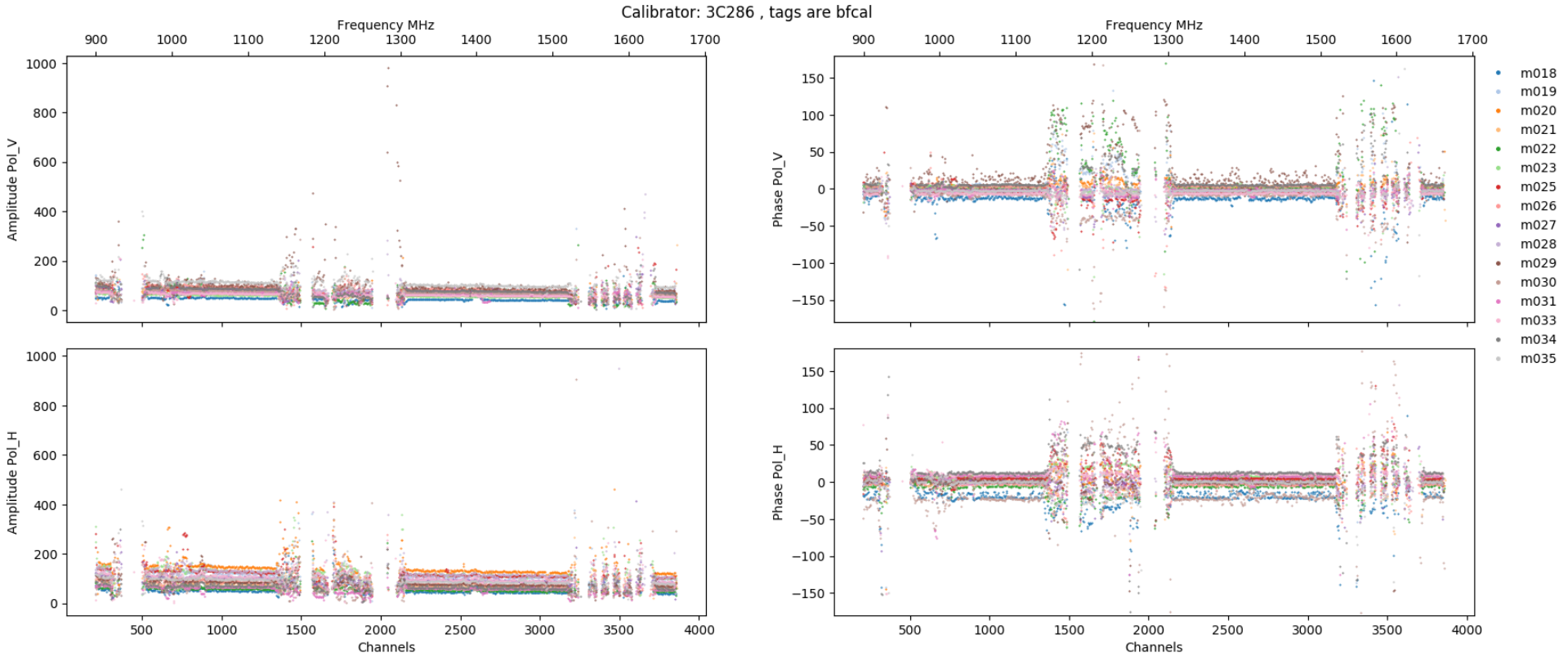

Calibrator: PKS 1934-63 , tags are bfcal
Frequency MHz
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
m000
m001
m002
m003
m004
m005
m006
m007
m008
m009
m010
m011
m012
m013
m015
m016

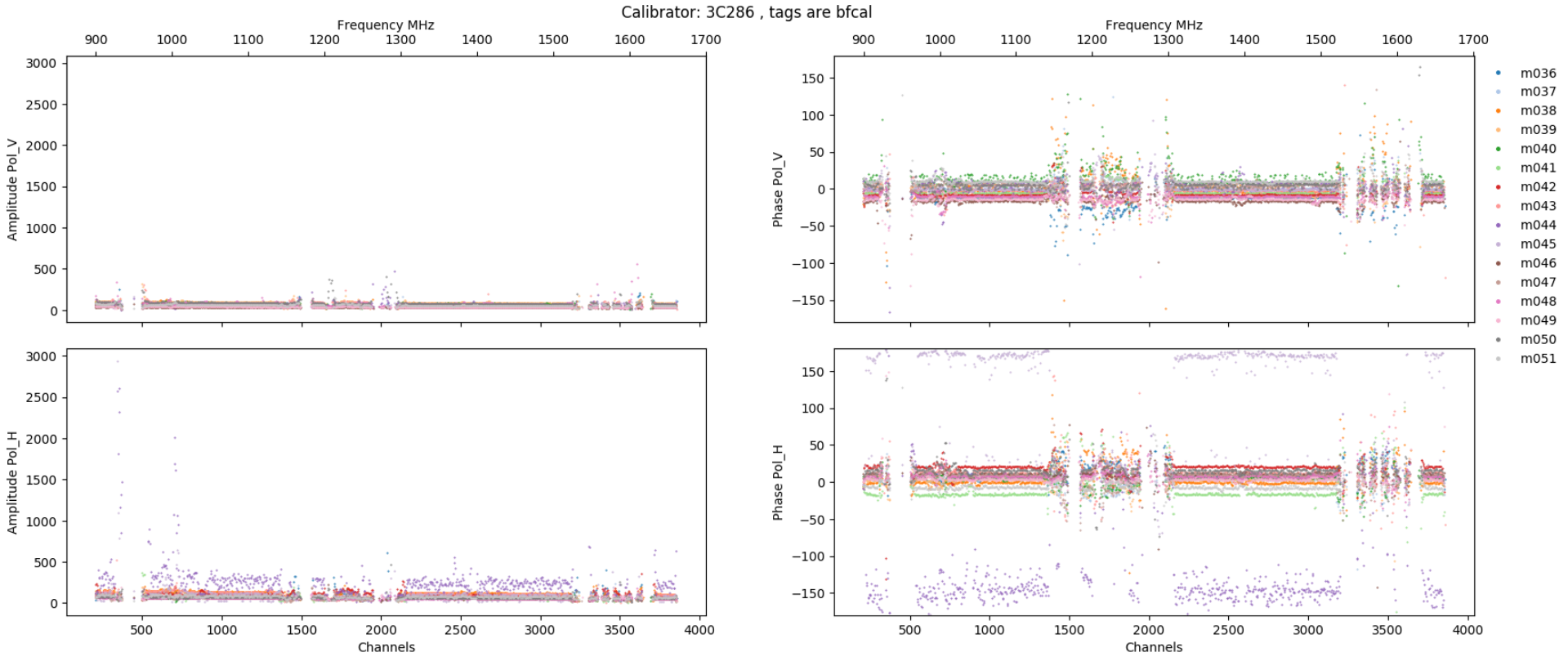

Calibrator: PKS 1934-63 , tags are bfcal
Frequency MHz
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
m018
m019
m020
m021
m022
m023
m025
m026
m027
m028
m029
m030
m031
m033
m034
m035

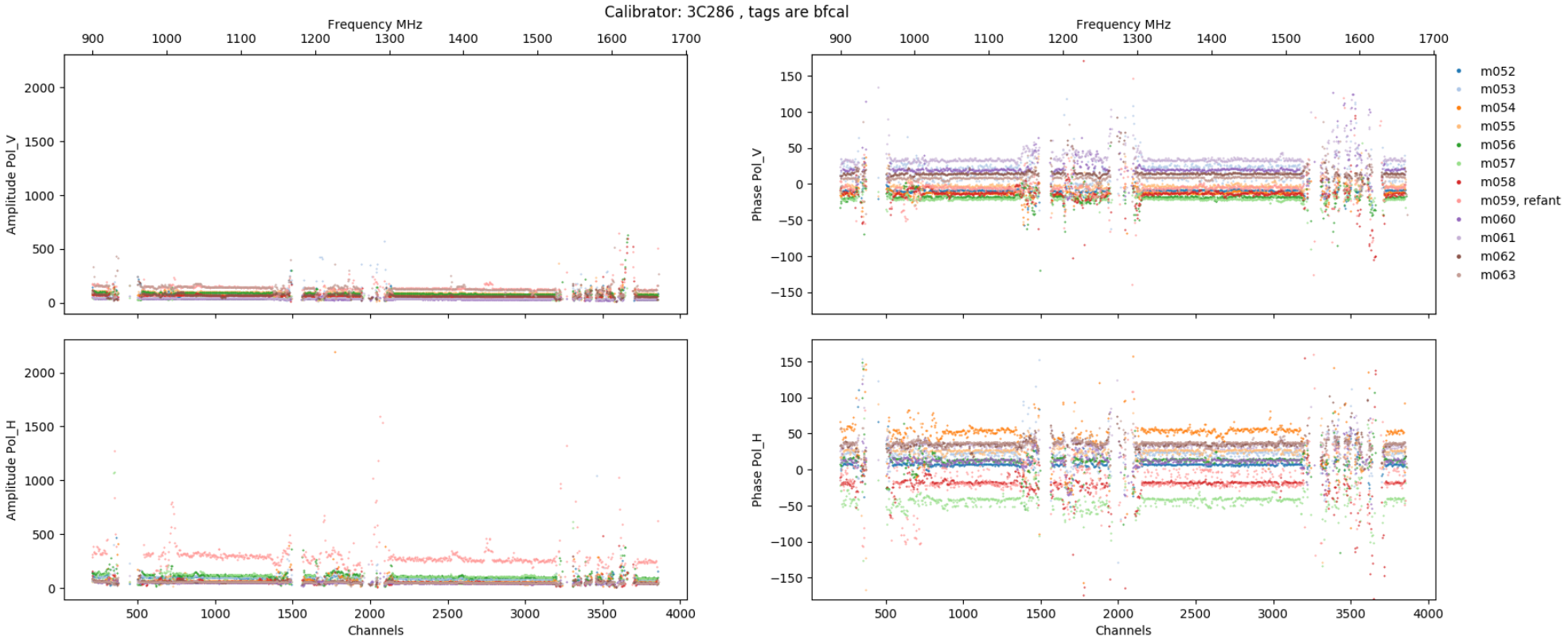

Calibrator: PKS 1934-63 , tags are bfcal
Frequency MHz
Amplitude Pol_V
Phase Pol_V
Amplitude Pol_H
Phase Pol_H
Channels
m036
m037
m038
m039
m040
m041
m042
m043
m044
m045
m046
m047
m048
m049
m050
m051


Calibrator: PKS 1934-63 , tags are bfcal
Frequency MHz
Amplitude Pol_V
Phase Pol_V
Amplitude Pol_H
Phase Pol_H
Channels
m052
m053
m054
m055
m056
m057
m058
m059, refant
m060
m061
m062
m063


Calibrator: 3C286 , tags are bfcal
Frequency MHz
Amplitude Pol_V
Phase Pol_V
Amplitude Pol_H
Phase Pol_H
Channels
m000
m001
m002
m003
m004
m005
m006
m007
m008
m009
m010
m011
m012
m013
m015
m016

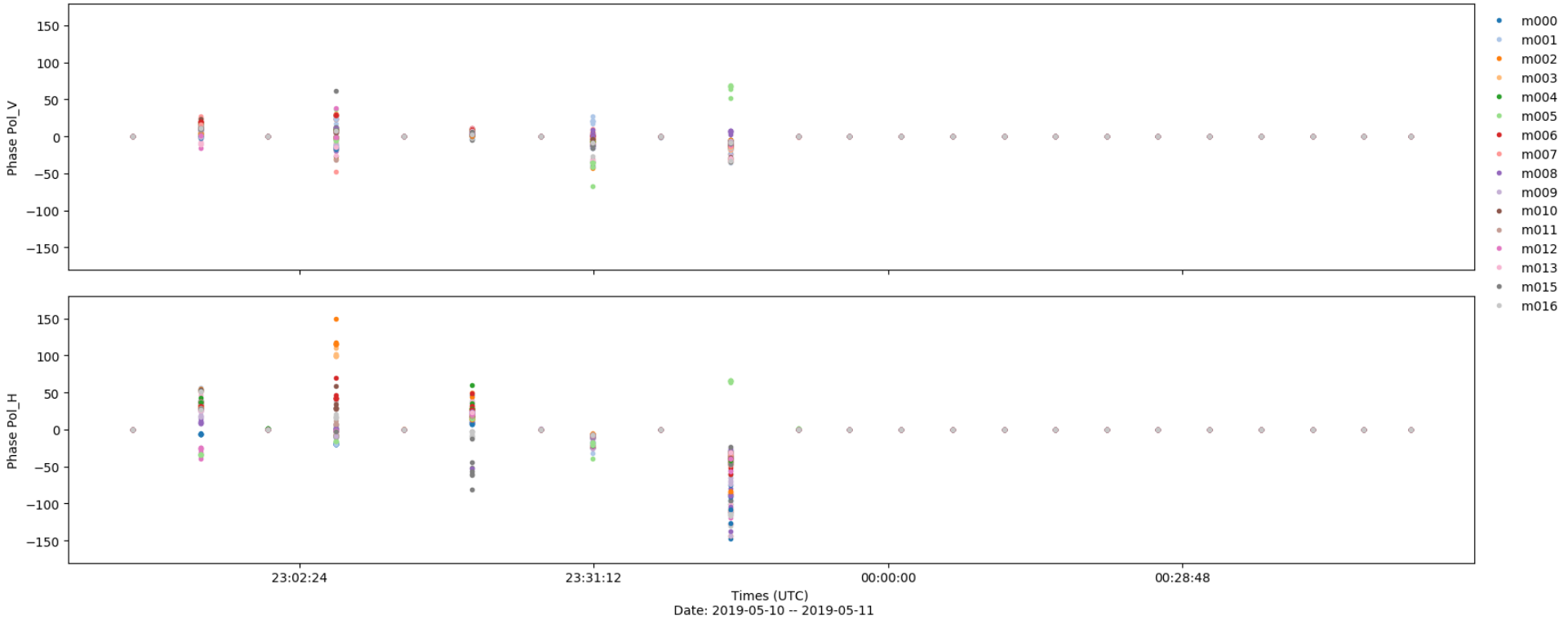

Calibrator: 3C286 , tags are bfcal
Frequency MHz
Amplitude Pol_V
Phase Pol_V
Amplitude Pol_H
Phase Pol_H
Channels
m018
m019
m020
m021
m022
m023
m025
m026
m027
m028
m029
m030
m031
m033
m034
m035

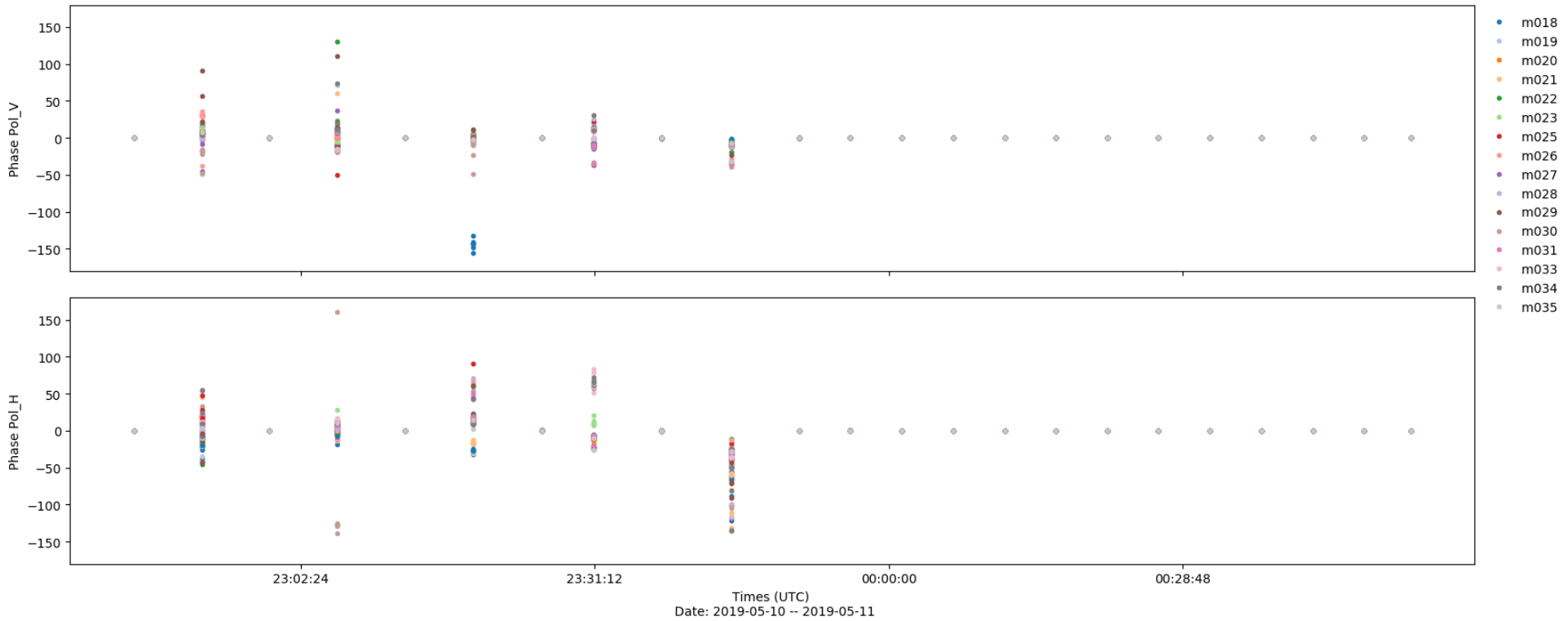

Calibrator: 3C286 , tags are bfcal
Frequency MHz
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
Channels
m036
m037
m038
m039
m040
m041
m042
m043
m044
m045
m046
m047
m048
m049
m050
m051

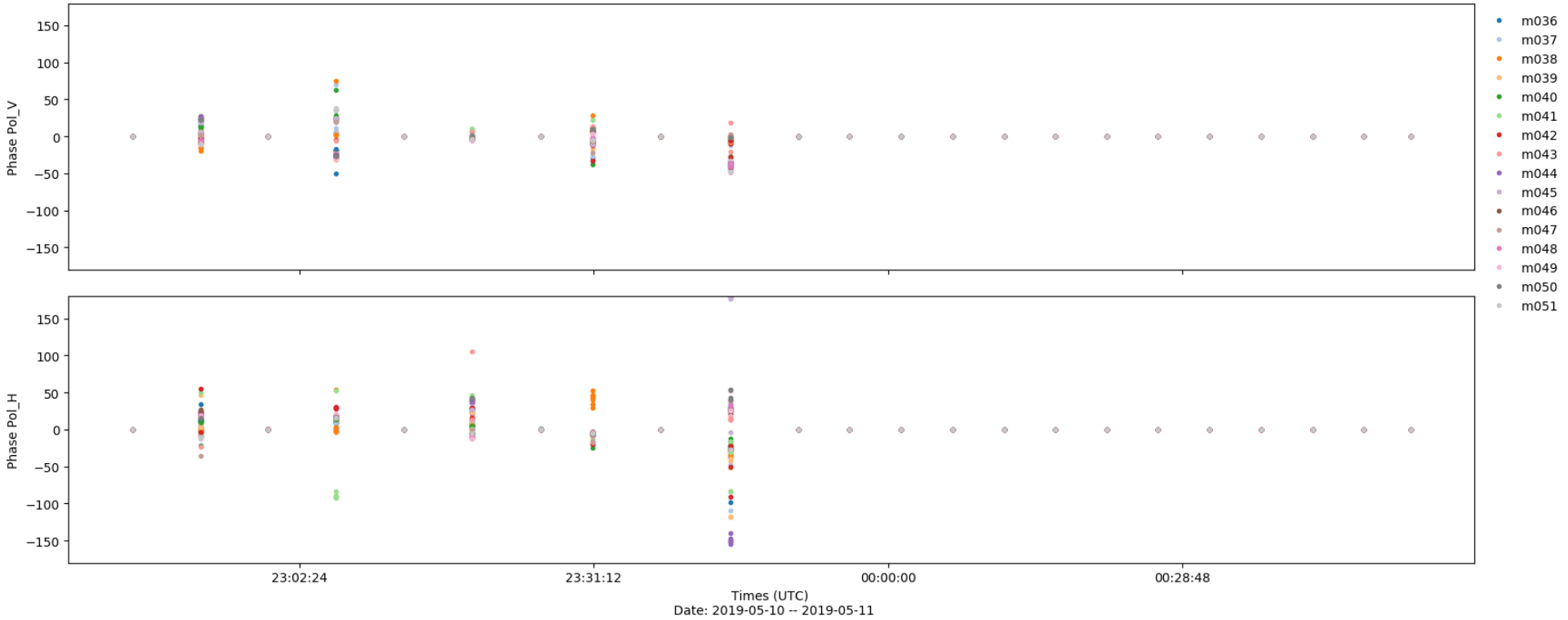


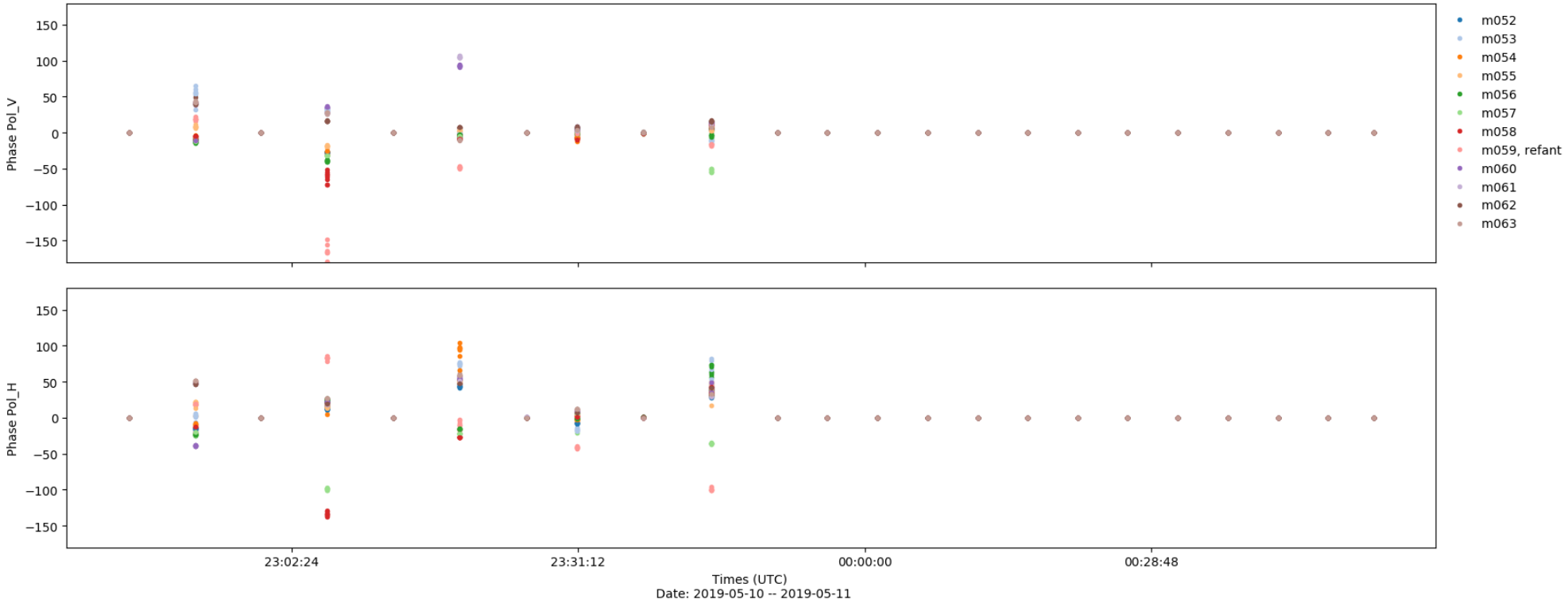
Corrected Phase vs Time, all gain-calibrated calibrators

All baselines, averaged per antenna


Phase Pol_V
Phase Pol_H
150
100
50
0
−50
−100
−150
m000
m001
m002
m003
m004
m005
m006
m007
m008
m009
m010
m011
m012
m013
m015
m016
23:02:24
23:31:12
00:00:00
00:28:48
Times (UTC)
Date: 2019-05-10 -- 2019-05-11

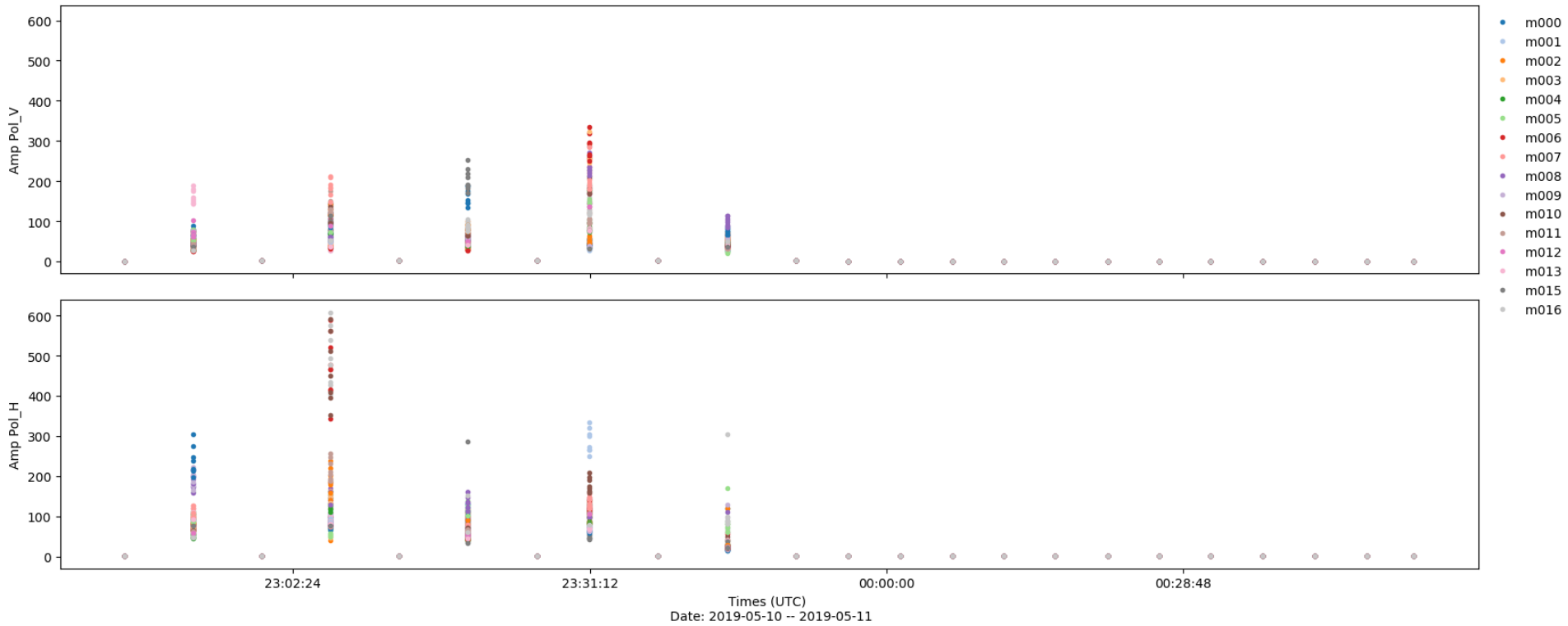

Phase Pol_V
Phase Pol_H
150
100
50
0
−50
−100
−150
23:02:24
23:31:12
00:00:00
00:28:48
Times (UTC)
Date: 2019-05-10 -- 2019-05-11
m018
m019
m020
m021
m022
m023
m025
m026
m027
m028
m029
m030
m031
m033
m034
m035

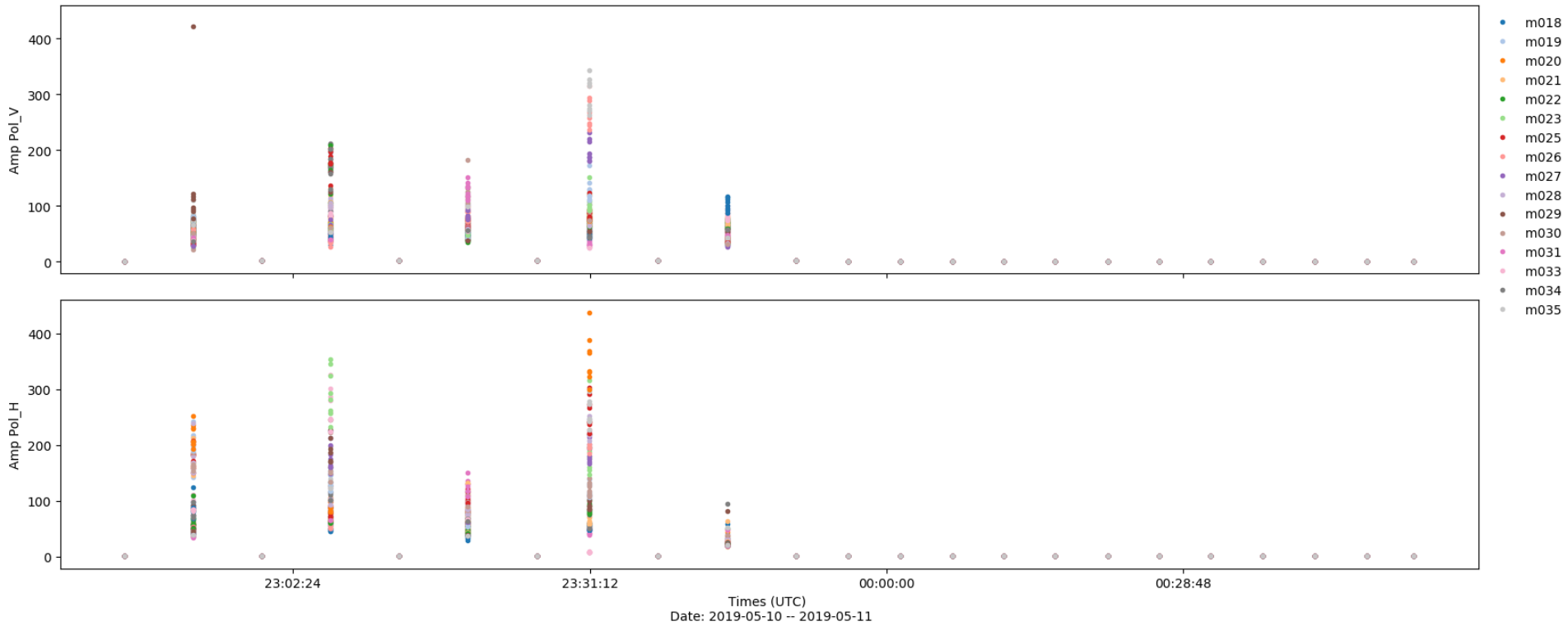

Phase Pol_V
Phase Pol_H
150
100
50
0
−50
−100
−150
23:02:24
23:31:12
00:00:00
00:28:48
Times (UTC)
Date: 2019-05-10 -- 2019-05-11
m036
m037
m038
m039
m040
m041
m042
m043
m044
m045
m046
m047
m048
m049
m050
m051

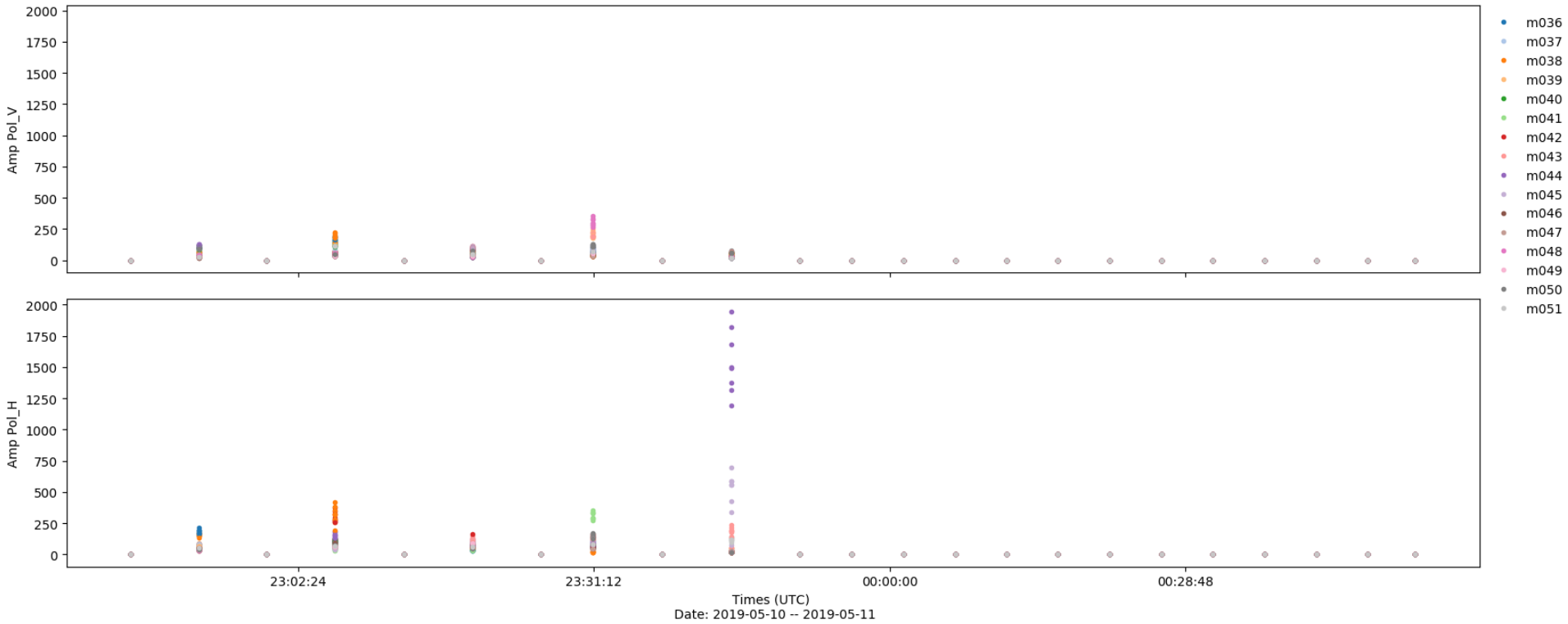


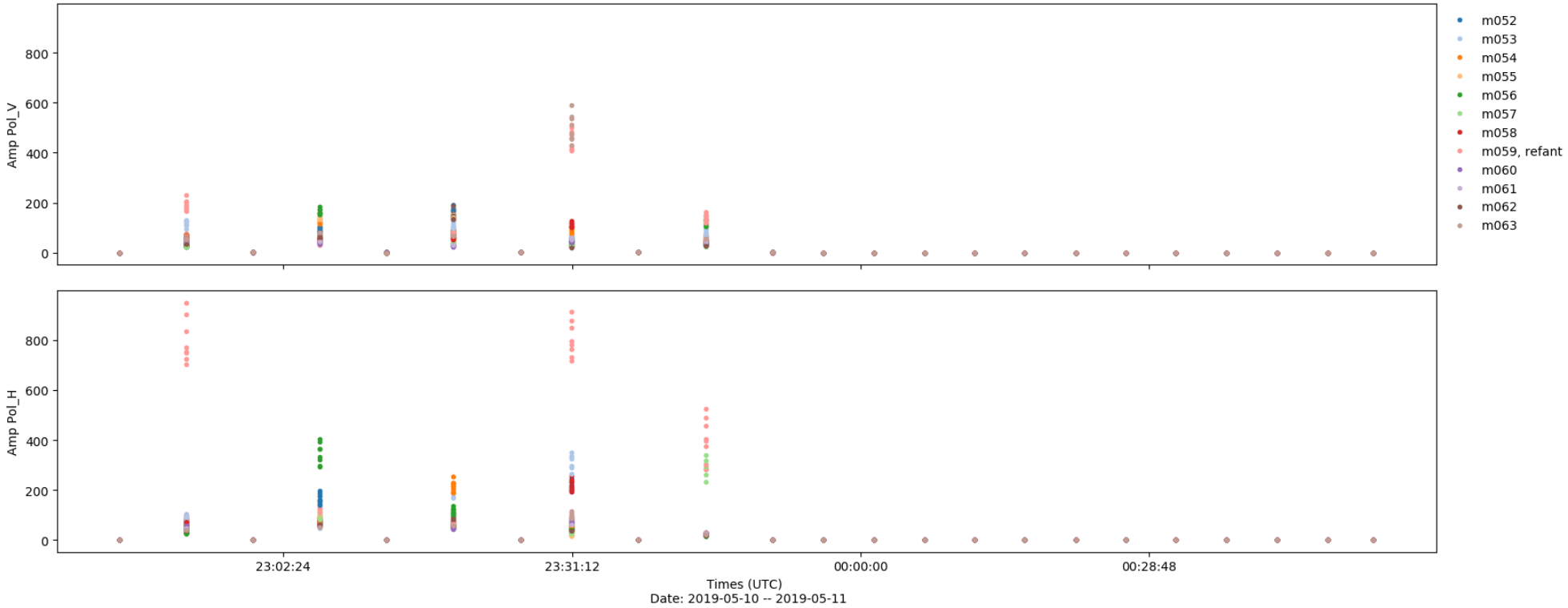
Corrected Amp vs Time, all gain-calibrated calibrators

All baselines, averaged per antenna


Amp Pol_V
Amp Pol_H
0
100
200
300
400
500
600
23:02:24
23:31:12
00:00:00
00:28:48
Times (UTC)
Date: 2019-05-10 -- 2019-05-11
m000
m001
m002
m003
m004
m005
m006
m007
m008
m009
m010
m011
m012
m013
m015
m016

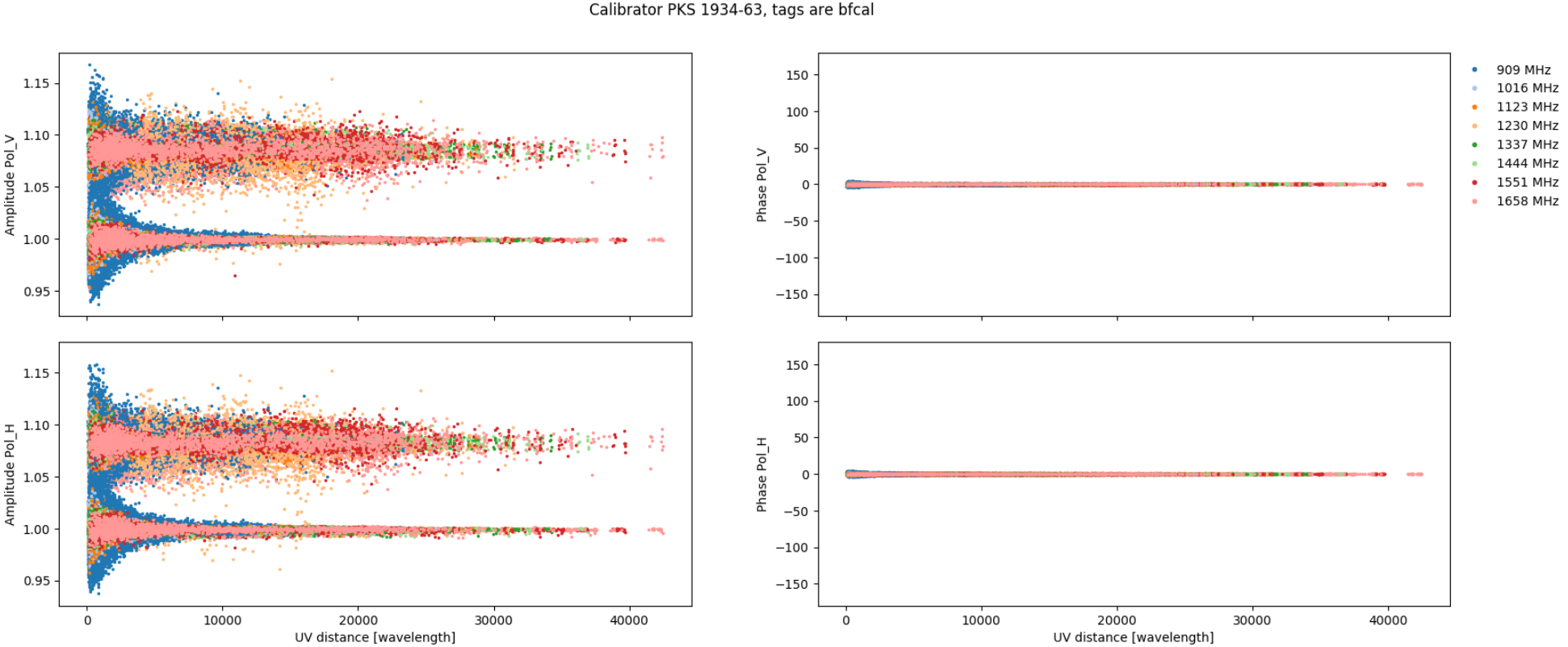

Amp Pol_V
Amp Pol_H
0
100
200
300
400
23:02:24
23:31:12
00:00:00
00:28:48
Times (UTC)
Date: 2019-05-10 -- 2019-05-11
m018
m019
m020
m021
m022
m023
m025
m026
m027
m028
m029
m030
m031
m033
m034
m035

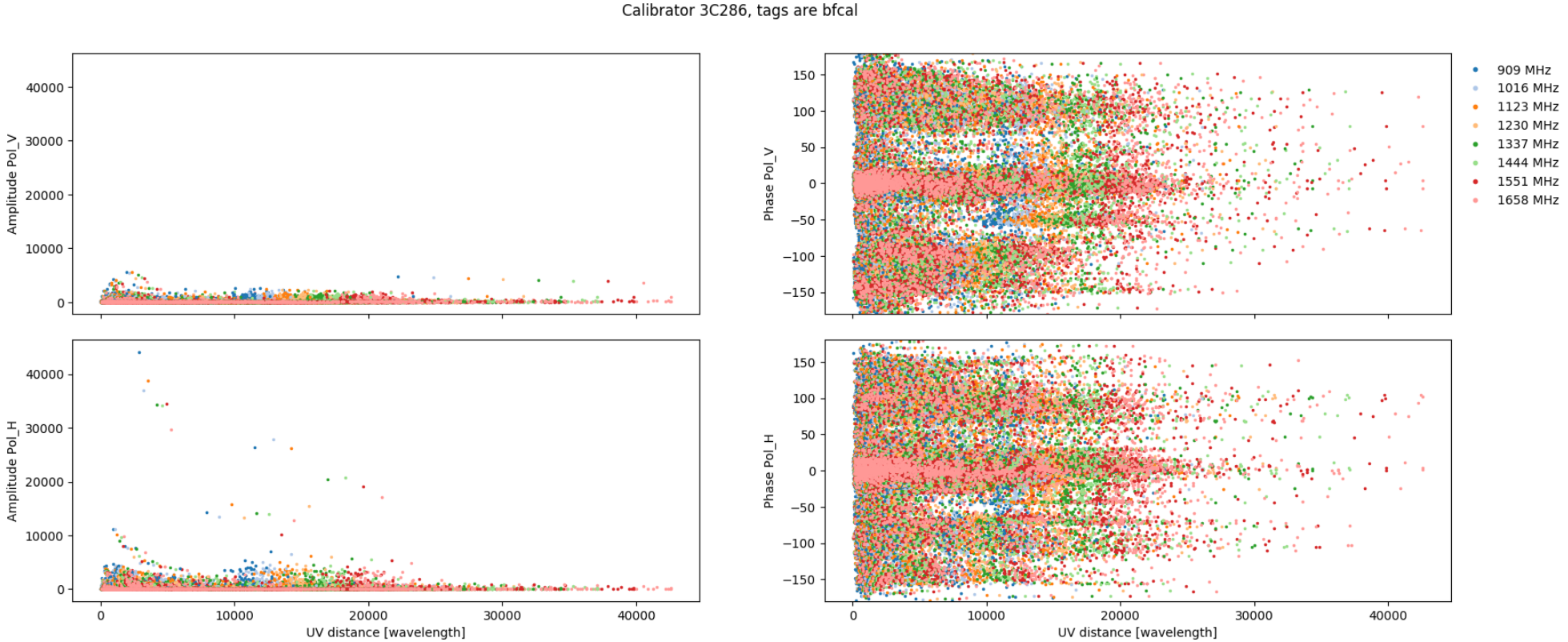

Amp Pol_V
Amp Pol_H
2000
1750
1500
1250
1000
750
500
250
0
23:02:24
23:31:12
00:00:00
00:28:48
Times (UTC)
Date: 2019-05-10 -- 2019-05-11
m036
m037
m038
m039
m040
m041
m042
m043
m044
m045
m046
m047
m048
m049
m050
m051



Amp and Phase vs UVdist, all gain-calibrated calibrators

All baselines


Calibrator PKS 1934-63, tags are bfcal
Amplitude Pol_V
Amplitude Pol_H
Phase Pol_V
Phase Pol_H
UV distance [wavelength]
UV distance [wavelength]
909 MHz
1016 MHz
1123 MHz
1230 MHz
1337 MHz
1444 MHz
1551 MHz
1658 MHz



Calibrated Target Fields