

File Name	Fault Description							Action
	Component	Mode	Time (sec)	m	$\Delta P, c, \mu_{\Delta P}$	$\mu_r(\text{sec})$	$\mu_n(\text{sec})$	
Exp_1127_001f_pb_ADAPT-Lite	IT240	Offset	72		5.4			ABORT
Exp_1127_003_pb_ADAPT-Lite	N/A							NOP
Exp_1127_003f_pb_ADAPT-Lite	IT240	Offset	101		0.3			NOP
Exp_1127_004f_pb_ADAPT-Lite	IT240	IntermittentOffset	45		9.78	2.96	8.44	ABORT
Exp_1127_005f_pb_ADAPT-Lite	IT240	Drift	100	0.05				ABORT
Exp_1127_006f_pb_ADAPT-Lite	IT281	Drift	68	0.001				NOP
Exp_1127_007f_pb_ADAPT-Lite	ST516	Drift	115	-1.6				ABORT
Exp_1127_009_pb_ADAPT-Lite	N/A							NOP
Exp_1127_009f2_pb_ADAPT-Lite	E242	Offset	158		-2			NOP
Exp_1127_009f_pb_ADAPT-Lite	IT240	Stuck	83		16.88			ABORT
Exp_1127_010f_pb_ADAPT-Lite	IT240	Drift	78	0.005				NOP
Exp_1127_012f_pb_ADAPT-Lite	IT267	Offset	192		-0.2			NOP
Exp_1127_013f2_pb_ADAPT-Lite	TE228	IntermittentOffset	39		29.67	2.84	6.53	NOP
Exp_1127_013f_pb_ADAPT-Lite	IT281	Offset	101		1.8			ABORT
Exp_1127_015f_pb_ADAPT-Lite	ESH244A	Stuck	49		0			NOP
Exp_1127_016_pb_ADAPT-Lite	N/A							NOP
Exp_1127_016f_pb_ADAPT-Lite	IT267	Offset	104		0.7			ABORT
Exp_1127_018f_pb_ADAPT-Lite	IT267	IntermittentOffset	43		1.52	3.08	6.39	ABORT
Exp_1127_019f_pb_ADAPT-Lite	IT267	Drift	40	0.003				ABORT
Exp_1127_021_pb_ADAPT-Lite	N/A							NOP
Exp_1127_021f_pb_ADAPT-Lite	IT267	Drift	102	-0.001				NOP
Exp_1127_022f2_pb_ADAPT-Lite	E240	IntermittentOffset	34		-1.98	2.62	8	NOP
Exp_1127_022f_pb_ADAPT-Lite	IT281	Drift	110	0.007				ABORT
Exp_1127_024_pb_ADAPT-Lite	N/A							NOP
Exp_1127_024f_pb_ADAPT-Lite	IT240	IntermittentOffset	34		-6.16	2.93	4.62	ABORT
Exp_1127_025f_pb_ADAPT-Lite	IT281	IntermittentOffset	33		1	3.61	5.15	ABORT
Exp_1127_028_pb_ADAPT-Lite	N/A							NOP
Exp_1127_028f_pb_ADAPT-Lite	IT281	Offset	47		0.2			NOP
Exp_1127_030f_pb_ADAPT-Lite	ST516	Offset	168		90			NOP
Exp_1127_031f_pb_ADAPT-Lite	IT267	IntermittentOffset	33		0.94	3.3	17.88	NOP
Exp_1127_033_pb_ADAPT-Lite	N/A							NOP
Exp_1127_033f_pb_ADAPT-Lite	IT281	IntermittentOffset	35		0.51	3.16	7.92	NOP
Exp_1127_034f_pb_ADAPT-Lite	ST516	Drift	86	1.4				ABORT
Exp_1127_036f2_pb_ADAPT-Lite	TE228	Drift	199	-0.09				NOP
Exp_1127_036f_pb_ADAPT-Lite	ST516	IntermittentOffset	45		-187.26	2.72	12.29	NOP
Exp_1127_037_pb_ADAPT-Lite	N/A							NOP
Exp_1127_037f_pb_ADAPT-Lite	ST516	IntermittentOffset	40		365.31	2.96	8.77	ABORT
Exp_1127_039f_pb_ADAPT-Lite	ST516	Offset	121		-30			NOP
Exp_1127_040_pb_ADAPT-Lite	N/A							NOP
Exp_1127_040f_pb_ADAPT-Lite	ST516	Stuck	58		0			ABORT
Exp_1229_004f_pb_ADAPT-Lite	ST516	IntermittentOffset	36		-374.87	3.16	5.9	ABORT
Exp_1229_005f2_pb_ADAPT-Lite	E281	IntermittentOffset	32		-1	2.71	4.54	NOP
Exp_1229_005f_pb_ADAPT-Lite	ST516	IntermittentOffset	37		234.28	3.46	18.54	NOP
Exp_1229_006_pb_ADAPT-Lite	N/A							NOP
Exp_1229_006f_pb_ADAPT-Lite	ISH236	Stuck	41		0			NOP
Exp_1229_007f_pb_ADAPT-Lite	ST516	Offset	203		-300			ABORT
Exp_1229_008f_pb_ADAPT-Lite	E240	Stuck	102		23.9			NOP
Exp_1229_009_pb_ADAPT-Lite	N/A							NOP
Exp_1229_009f_pb_ADAPT-Lite	E242	Stuck	173		0			NOP
Exp_1229_010f2_pb_ADAPT-Lite	E281	Drift	174	0.02				NOP
Exp_1229_010f_pb_ADAPT-Lite	ST516	Drift	42	0.4				NOP
Exp_1229_011f_pb_ADAPT-Lite	E265	Stuck	41		0			NOP
Exp_1229_014_pb_ADAPT-Lite	N/A							NOP
Exp_1229_014f_pb_ADAPT-Lite	IT281	IntermittentOffset	43		-0.19	3.21	16.14	NOP
Exp_1229_015f_pb_ADAPT-Lite	IT281	IntermittentOffset	39		-1.44	2.8	13.66	ABORT
Exp_1230_001f_pb_ADAPT-Lite	IT281	Drift	60	-0.004				ABORT
Exp_1230_002_pb_ADAPT-Lite	N/A							NOP
Exp_1230_002f2_pb_ADAPT-Lite	E240	Drift	57	-0.03				NOP
Exp_1230_002f_pb_ADAPT-Lite	IT281	Offset	101		-0.7			ABORT
Exp_1230_003f_pb_ADAPT-Lite	IT267	IntermittentOffset	41		-0.48	2.63	9.23	NOP
Exp_1230_004f_pb_ADAPT-Lite	ST516	Offset	112		240			ABORT
Exp_1230_005_pb_ADAPT-Lite	N/A							NOP

Exp_1230_005f_pb_ADAPT-Lite	IT267	Drift	79	-0.005				ABORT
Exp_1230_006f_pb_ADAPT-Lite	IT267	Offset	174		0.1			NOP
Exp_1230_007f2_pb_ADAPT-Lite	E240	Offset	138		-5.1			NOP
Exp_1230_007f_pb_ADAPT-Lite	IT240	IntermittentOffset	39		-4.06	3.39	15.65	NOP
Exp_1230_008_pb_ADAPT-Lite	N/A							NOP
Exp_1230_008f_pb_ADAPT-Lite	IT267	Drift	93	0.002				NOP
Exp_1230_009f_pb_ADAPT-Lite	IT267	Offset	187		-1.4			ABORT
Exp_1230_010f_pb_ADAPT-Lite	IT267	Stuck	49		2.38			ABORT
Exp_1230_011_pb_ADAPT-Lite	N/A							NOP
Exp_1230_011f_pb_ADAPT-Lite	IT240	Drift	92	-0.006				NOP
Exp_1230_012f_pb_ADAPT-Lite	IT240	IntermittentOffset	35		3.07	2.6	7.97	NOP
Exp_1231_001f_pb_ADAPT-Lite	IT281	Drift	63	-0.002				NOP
Exp_1231_002_pb_ADAPT-Lite	N/A							NOP
Exp_1231_002f_pb_ADAPT-Lite	IT267	IntermittentOffset	32		-1.95	2.94	9.41	ABORT
Exp_1231_003f_pb_ADAPT-Lite	IT240	Offset	199		-1.7			NOP
Exp_1231_004f_pb_ADAPT-Lite	IT281	Offset	132		-0.05			NOP
Exp_1231_005_pb_ADAPT-Lite	N/A							NOP
Exp_1231_005f2_pb_ADAPT-Lite	E242	Drift	143	0.06				NOP
Exp_1231_005f_pb_ADAPT-Lite	ST516	Drift	120	-0.2				NOP
Exp_1231_006f_pb_ADAPT-Lite	E281	Stuck	80		21.38			NOP
Exp_1231_007f_pb_ADAPT-Lite	IT240	Drift	47	-0.03				ABORT
Exp_1231_008_pb_ADAPT-Lite	N/A							NOP
Exp_1231_008f_pb_ADAPT-Lite	IT240	Offset	69		-4.2			ABORT
Exp_1231_009f2_pb_ADAPT-Lite	E265	IntermittentOffset	45		3.95	3.27	13.44	NOP
Exp_1231_009f_pb_ADAPT-Lite	IT281	Stuck	152		0			ABORT
Exp_1231_010f_pb_ADAPT-Lite	TE228	Offset	175		5			NOP
Exp_1231_011_pb_ADAPT-Lite	N/A							NOP
Exp_1231_011f_pb_ADAPT-Lite	E265	Offset	39		8			NOP
Exp_1248_pb_ADAPT-Lite	AC483	ResistanceOffset	96.953		-30			ABORT
Exp_1249_pb_ADAPT-Lite	AC483	ResistanceOffset	112.406		-21			ABORT
Exp_1250_pb_ADAPT-Lite	AC483	ResistanceOffset	111.391		-12			NOP
Exp_1251_pb_ADAPT-Lite	AC483	ResistanceOffset	191.484		-8			NOP
Exp_1252_pb_ADAPT-Lite	AC483	ResistanceOffset	53.469		10			NOP
Exp_1253_pb_ADAPT-Lite	AC483	ResistanceOffset	104.641		20			NOP
Exp_1255_pb_ADAPT-Lite	AC483	ResistanceOffset	168.515		40			ABORT
Exp_1256_pb_ADAPT-Lite	AC483	ResistanceOffset	48.438		120			ABORT
Exp_1258_pb_ADAPT-Lite	AC483	ResistanceDrift	38.631	-0.158				ABORT
Exp_1259_pb_ADAPT-Lite	AC483	ResistanceDrift	113.517	-0.189				ABORT
Exp_1260_pb_ADAPT-Lite	AC483	ResistanceDrift	30.591	-0.067				NOP
Exp_1262_pb_ADAPT-Lite	AC483	ResistanceDrift	81.019	-0.063				NOP
Exp_1263_pb_ADAPT-Lite	AC483	ResistanceDrift	87.531	0.052				NOP
Exp_1264_pb_ADAPT-Lite	AC483	ResistanceDrift	78.527	0.136				NOP
Exp_1265_pb_ADAPT-Lite	AC483	ResistanceDrift	47.585	0.259				ABORT
Exp_1266_pb_ADAPT-Lite	AC483	ResistanceDrift	87.441	0.654				ABORT
Exp_1270_pb_ADAPT-Lite	AC483	IntermittentResistanceOffset	37.25		40	3.73	5.59	NOP
Exp_1272_pb_ADAPT-Lite	AC483	IntermittentResistanceOffset	37.528		50	3.22	19.56	NOP
Exp_1274_pb_ADAPT-Lite	AC483	IntermittentResistanceOffset	31.438		125	4.38	11.85	ABORT
Exp_1275_pb_ADAPT-Lite	AC483	IntermittentResistanceOffset	34.563		110	3.63	7.32	ABORT
Exp_1278_pb_ADAPT-Lite	AC483	IntermittentResistanceOffset	40.578		-32	3.63	6.25	ABORT
Exp_1279_pb_ADAPT-Lite	AC483	IntermittentResistanceOffset	38.469		-20	3.56	19.11	NOP
Exp_1280_pb_ADAPT-Lite	AC483	IntermittentResistanceOffset	39.47		-18	3.83	13.08	NOP
Exp_1281_pb_ADAPT-Lite	AC483	FailedOff	79.876					ABORT
Exp_1282_pb_ADAPT-Lite	DC485	ResistanceOffset	150.221		-3.3			ABORT
Exp_1283_pb_ADAPT-Lite	DC485	ResistanceOffset	188.447		-2.5			ABORT
Exp_1284_pb_ADAPT-Lite	DC485	ResistanceOffset	90.673		-1			NOP
Exp_1285_pb_ADAPT-Lite	DC485	ResistanceOffset	95.502		-0.5			NOP
Exp_1286_pb_ADAPT-Lite	DC485	ResistanceOffset	151.452		0.5			NOP
Exp_1287_pb_ADAPT-Lite	DC485	ResistanceOffset	132.517		1.5			NOP
Exp_1288_pb_ADAPT-Lite	DC485	ResistanceOffset	198.549		4.5			ABORT
Exp_1289_pb_ADAPT-Lite	DC485	ResistanceOffset	196.628		6.5			ABORT
Exp_1291_pb_ADAPT-Lite	DC485	ResistanceDrift	108.51	-0.022				ABORT
Exp_1296_pb_ADAPT-Lite	DC485	ResistanceDrift	87.404	0.013				NOP
Exp_1297_pb_ADAPT-Lite	DC485	ResistanceDrift	33.698	0.027				ABORT
Exp_1298_pb_ADAPT-Lite	DC485	ResistanceDrift	54.444	0.04				ABORT

Exp_1299_pb_ADAPT-Lite	DC485	IntermittentResistanceOffset	42.08		-3	3.71	10.57	ABORT
Exp_1300_pb_ADAPT-Lite	DC485	IntermittentResistanceOffset	30.454		-2.7	3.9	6.7	ABORT
Exp_1301_pb_ADAPT-Lite	DC485	IntermittentResistanceOffset	44.494		-2.5	3.8	16	NOP
Exp_1302_pb_ADAPT-Lite	DC485	IntermittentResistanceOffset	40.49		-1	4.21	10.21	NOP
Exp_1303_pb_ADAPT-Lite	DC485	IntermittentResistanceOffset	37.563		3.5	4.06	8.75	NOP
Exp_1304_pb_ADAPT-Lite	DC485	IntermittentResistanceOffset	42.625		7.5	3.89	18.33	NOP
Exp_1305_pb_ADAPT-Lite	DC485	IntermittentResistanceOffset	44.907		8.5	3.53	9.67	ABORT
Exp_1306_pb_ADAPT-Lite	DC485	IntermittentResistanceOffset	38.521		6.5	3.84	6.89	ABORT
Exp_1307_pb_ADAPT-Lite	DC485	FailedOff	51.735					ABORT
Exp_1308_pb_ADAPT-Lite	FAN416	OverSpeed	78.579					ABORT
Exp_1309_pb_ADAPT-Lite	FAN416	UnderSpeed	195.158					NOP
Exp_1310_pb_ADAPT-Lite	FAN416	FailedOff	87.923					ABORT
Exp_1311_pb_ADAPT-Lite	BAT2	AbruptParasiticLoad	134.845		6			NOP
Exp_1312_pb_ADAPT-Lite	INV2	FailedOff	167.986					ABORT
Exp_1313_pb_ADAPT-Lite	CB236	FailedOpen	170.971					ABORT
Exp_1314_pb_ADAPT-Lite	CB262	FailedOpen	188.721					ABORT
Exp_1315_pb_ADAPT-Lite	CB266	FailedOpen	129.799					ABORT
Exp_1316_pb_ADAPT-Lite	CB280	FailedOpen	135.033					ABORT
Exp_1320_pb_ADAPT-Lite	EY244	StuckOpen	35.348					ABORT
Exp_1321_pb_ADAPT-Lite	EY260	StuckOpen	176.83					ABORT
Exp_1322_pb_ADAPT-Lite	EY272	StuckOpen	62.872					ABORT
Exp_1323_pb_ADAPT-Lite	EY275	StuckOpen	141.899					ABORT
Exp_1324_pb_ADAPT-Lite	EY284	StuckOpen	83.834					ABORT
Exp_1327_pb_ADAPT-Lite	DC485	ResistanceDrift	90.719	-0.023				ABORT
Exp_1330_pb_ADAPT-Lite	DC485	ResistanceDrift	112.569	-0.009				NOP
Exp_1331_pb_ADAPT-Lite	DC485	ResistanceDrift	43.596	-0.004				NOP
Exp_1332_pb_ADAPT-Lite	DC485	ResistanceDrift	71.624	0.004				NOP
Exp_1333_pb_ADAPT-Lite	DC485	ResistanceDrift	87.651	0.013				NOP

NOTES:

The 6th column is either the MeanOffset parameter for intermittent faults, the StuckAt parameter for stuck faults, or the Offset parameter for offset faults. See the fault catalog for parameters associated with the failure modes

For loads AC485 and DC485 there is no direct observation of the resistance, it must be estimated using the voltage and current

There are three files for each experiment:

tab delimited text files (.txt)

Matlab data files (.mat)

tab delimited scenario files (.scn), which are read by the DXC Framework to provide data and commands to the DA