

Systems ATE report S

Model Name: PMP9135

Serial No : B

Interleaved xfmr .
8 Cancellation Turns

SystemTime : 2013/11/21 02:20:26 PM

Control IC: UCC28720

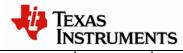
Average Efficiency Tests

Average Efficiency										
Vin(V)	F(Hz)	Pin(W)	lout(A)	Vout(V)	Pout(W)	Eff(%)	PF	Measured Avg Eff (%)		
115	60	13.497	2.001	5.374	10.752	79.665	0.535			
		10.049	1.501	5.323	7.988	79.493	0.503	79.591		
		6.612	1.001	5.268	5.271	79.720	0.461	79.591		
		3.290	0.501	5.223	2.615	79.486	0.389			
230	50	13.362	2.001	5.396	10.796	80.799	0.410			
		9.949	1.501	5.342	8.017	80.581	0.380	80.475		
		6.556	1.001	5.285	5.289	80.679	0.344	60.475		
		3.279	0.501	5.229	2.618	79.839	0.320			

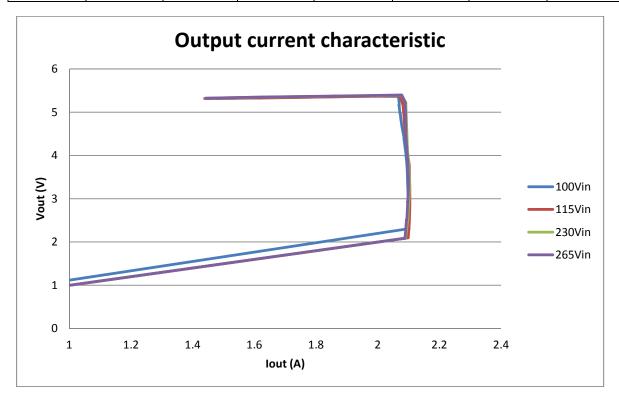


Output Current Characteristics

100Vin, lo	100Vin	115in, lo	115Vin	230Vin, Io	230Vin	265Vin, Io	265Vin
1.439	5.317	1.439	5.317	1.441	5.323	1.442	5.325
1.480	5.320	1.480	5.321	1.483	5.331	1.483	5.330
1.480	5.319	1.480	5.321	1.483	5.331	1.483	5.330
1.480	5.319	1.480	5.320	1.483	5.330	1.483	5.330
1.523	5.322	1.523	5.323	1.527	5.337	1.527	5.336
1.523	5.322	1.523	5.323	1.527	5.337	1.527	5.336
1.569	5.326	1.569	5.327	1.574	5.343	1.574	5.345
1.569	5.326	1.569	5.326	1.574	5.343	1.574	5.345
1.569	5.325	1.569	5.326	1.574	5.343	1.574	5.345
1.618	5.331	1.618	5.330	1.623	5.348	1.624	5.350
1.618	5.330	1.617	5.330	1.623	5.348	1.624	5.350
1.618	5.331	1.618	5.330	1.623	5.348	1.624	5.351
1.670	5.337	1.669	5.334	1.676	5.353	1.676	5.357
1.670	5.337	1.669	5.334	1.675	5.353	1.676	5.356
1.726	5.344	1.725	5.340	1.731	5.359	1.732	5.362
1.726	5.344	1.725	5.340	1.731	5.359	1.732	5.362
1.726	5.344	1.725	5.340	1.731	5.359	1.732	5.362
1.786	5.350	1.785	5.347	1.791	5.364	1.791	5.367
1.786	5.353	1.785	5.347	1.791	5.364	1.792	5.369
1.786	5.351	1.785	5.348	1.791	5.364	1.792	5.367
1.850	5.357	1.849	5.355	1.855	5.371	1.855	5.373
1.850	5.357	1.850	5.355	1.855	5.371	1.855	5.374
1.918	5.364	1.918	5.363	1.924	5.379	1.924	5.381
1.918	5.363	1.918	5.364	1.924	5.379	1.924	5.381
1.918	5.365	1.918	5.364	1.924	5.379	1.924	5.380
1.991	5.370	1.991	5.372	1.997	5.386	1.998	5.389
1.991	5.369	1.991	5.372	1.997	5.386	1.998	5.389
1.991	5.370	1.991	5.371	1.997	5.386	1.998	5.390
2.067	5.366	2.071	5.379	2.077	5.393	2.078	5.398
2.067	5.368	2.071	5.378	2.077	5.394	2.078	5.398
2.070	5.170	2.081	5.198	2.091	5.221	2.090	5.218
2.069	5.169	2.081	5.198	2.091	5.222	2.089	5.218
2.069	5.170	2.081	5.199	2.091	5.222	2.089	5.218
2.072	4.970	2.084	4.997	2.092	5.015	2.090	5.010
2.072	4.970	2.084	4.996	2.092	5.015	2.090	5.011
2.073	4.970	2.084	4.996	2.092	5.016	2.090	5.011
2.076	4.770	2.086	4.793	2.093	4.809	2.091	4.804
2.076	4.770	2.086	4.793	2.093	4.809	2.091	4.804
2.076	4.770	2.086	4.793	2.093	4.809	2.091	4.804
2.070	4.770	2.088	4.793	2.093	4.602	2.091	4.595
2.081	4.573	2.088	4.590	2.094	4.602	2.091	4.596
2.086	4.375	2.000	4.387	2.095	4.396	2.091	4.390
2.086	4.376	2.091	4.386	2.095	4.395	2.092	4.389
2.085	4.375	2.091	4.386	2.095	4.395	2.092	4.389
2.089	4.175	2.091	4.185	2.095	4.188	2.092	4.369
2.089	4.175	2.095	4.185	2.096	4.189	2.094	4.183
2.089	4.175	2.095	4.185	2.096	4.188	2.094	4.103
						1	
2.092	3.972	2.098	3.983	2.098	3.983	2.096	3.979
2.092	3.971	2.098	3.983	2.098	3.983	2.096	3.978
2.095	3.766	2.102	3.779	2.100	3.776	2.098	3.773

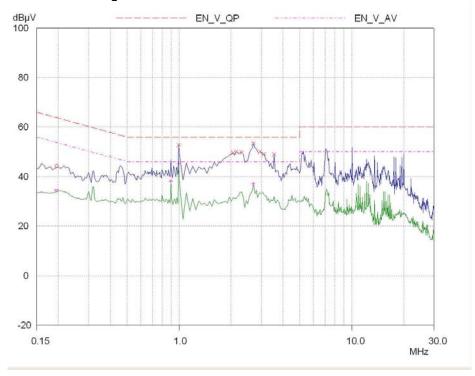


2.095	3.766	2.101	3.779	2.100	3.776	2.098	3.773
2.095	3.766	2.102	3.779	2.100	3.776	2.098	3.772
2.096	3.561	2.103	3.572	2.102	3.569	2.099	3.566
2.096	3.560	2.103	3.572	2.102	3.570	2.099	3.566
2.096	3.560	2.103	3.572	2.102	3.570	2.099	3.565
2.097	3.353	2.104	3.363	2.103	3.361	2.100	3.356
2.097	3.352	2.104	3.363	2.103	3.361	2.100	3.356
2.098	3.144	2.104	3.154	2.103	3.151	2.099	3.145
2.098	3.144	2.104	3.153	2.103	3.151	2.099	3.145
2.098	3.144	2.104	3.153	2.103	3.151	2.099	3.145
2.099	2.935	2.104	2.943	2.101	2.939	2.097	2.933
2.099	2.935	2.104	2.943	2.101	2.939	2.098	2.934
2.099	2.935	2.104	2.943	2.101	2.939	2.097	2.934
2.099	2.726	2.104	2.733	2.099	2.727	2.096	2.722
2.099	2.726	2.104	2.732	2.099	2.727	2.096	2.722
2.098	2.516	2.103	2.521	2.098	2.514	2.094	2.510
2.098	2.516	2.103	2.521	2.097	2.514	2.094	2.510
2.098	2.516	2.103	2.521	2.097	2.514	2.093	2.510
2.097	2.305	2.101	2.309	2.094	2.302	2.091	2.298
2.097	2.305	2.102	2.309	2.094	2.302	2.091	2.298
2.098	2.305	2.101	2.309	2.094	2.302	2.091	2.298
0.001	0.038	2.099	2.097	2.090	2.088	2.088	2.086
0.001	0.035	2.099	2.097	2.090	2.089	2.087	2.086
0.001	0.038	2.099	2.097	2.090	2.088	2.088	2.086
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

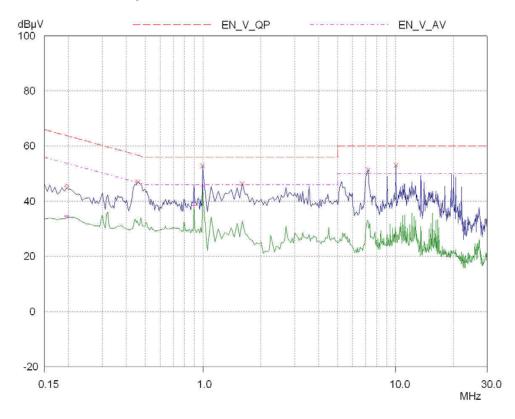




115V with load grounded



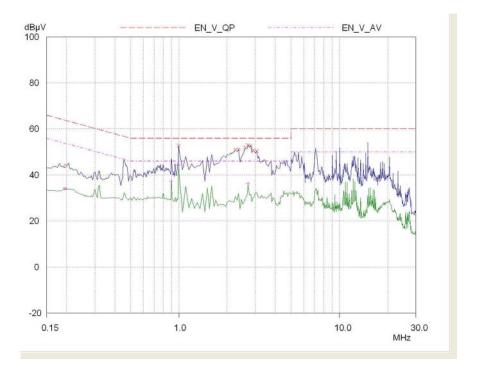
115V with load ungrounded



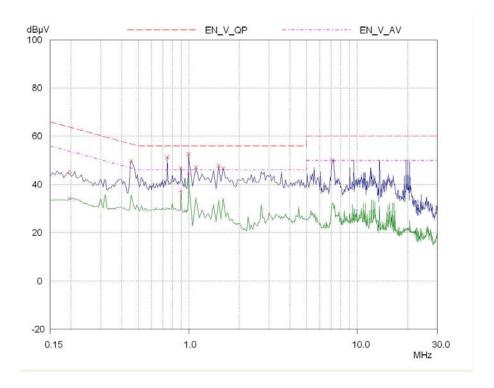
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230V with load grounded

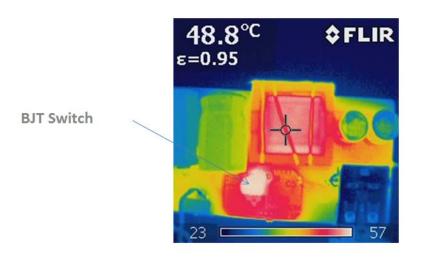


230V with load ungrounded

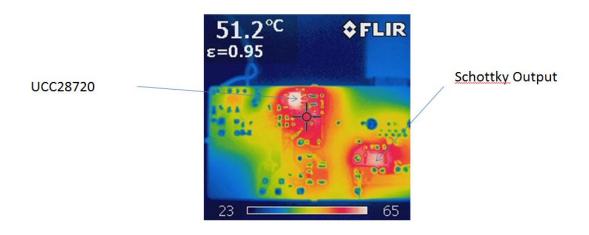




Top Side Thermals



Bottom Side Thermals



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