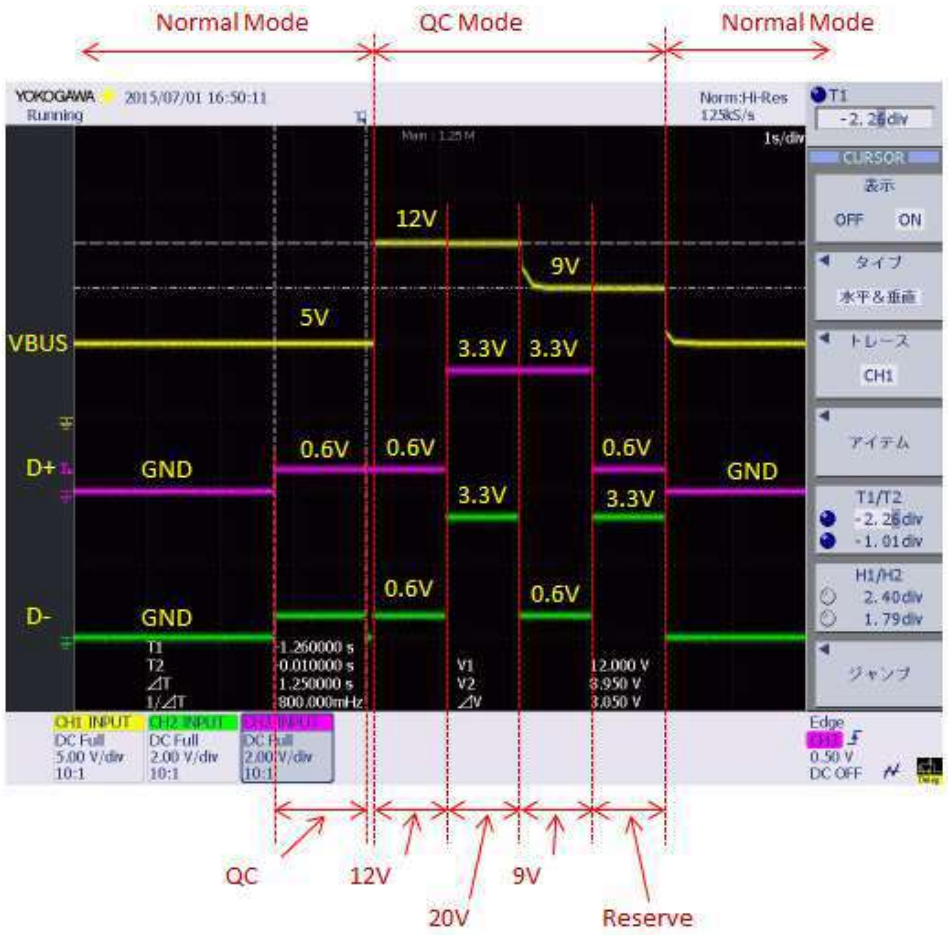
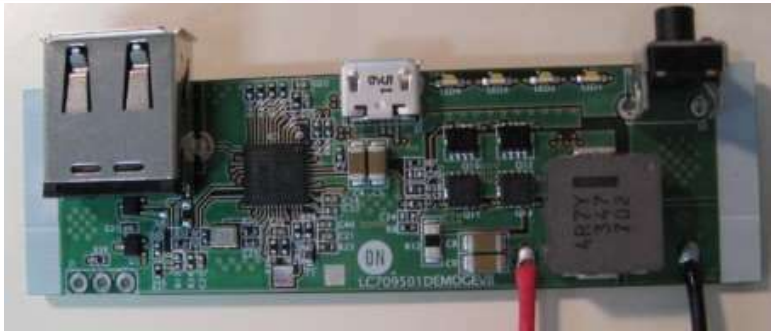
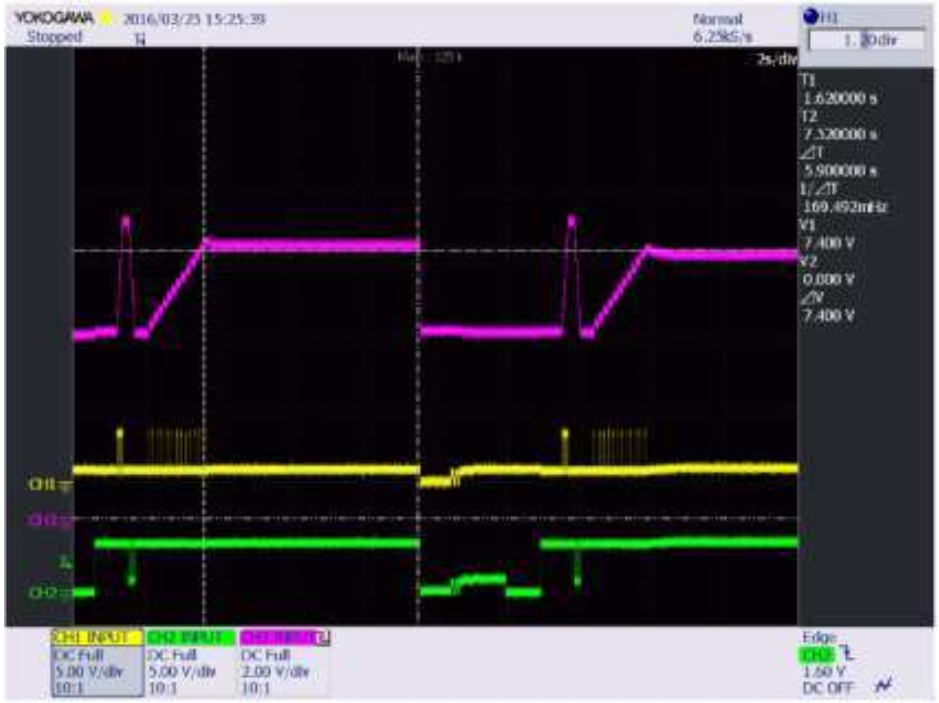
QC3.0 Power Bank Eval Board







UP Converter mode Temperature

Large Board

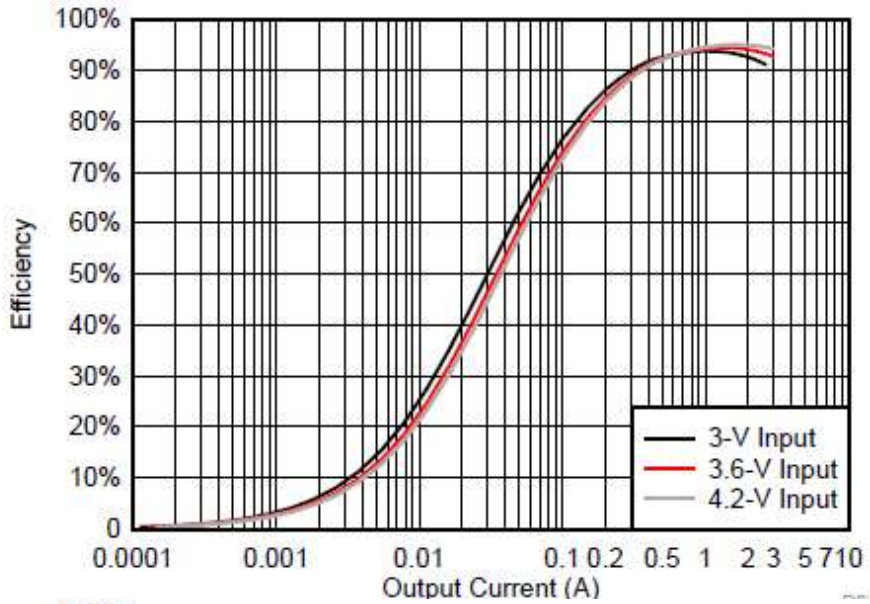
L-4.7uH DEMO Board 150kHz(09Mar2016)

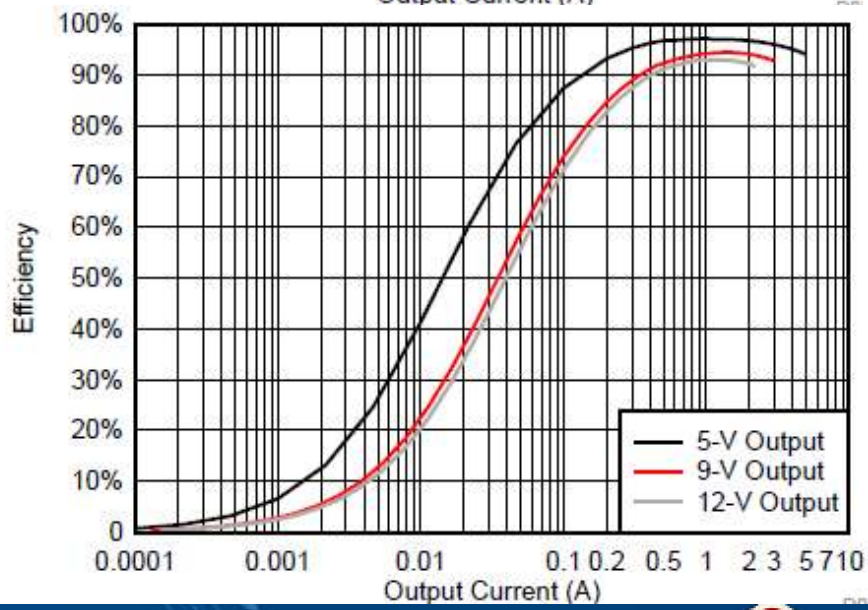
							Temp (DEG)		
L	Freq(kHz)	Vin(V)	Iin(A)	Vout(V)	Iout(A)	Effi(%)	T-LDRV NTTFS4H05N	T-HDRV ECH8310	T-L ETQP6F4R6HFA
4.7	150	3.7	3.49	11.923	1	92.3%	36	39	35
4.7	150	3.7	4.37	11.922	1.25	92.2%	39	42	36
4.7	150	3.7	5.28	11.922	1.5	91.5%	42	45	38
4.7	150	3.7	2.59	8.95	1	93.4%	33	35	32
4.7	150	3.7	3.9	8.95	1.5	93.0%	35	40	33
4.7	150	3.7	5.24	8.95	2	92.3%	42	42	39
4.7	150	3.7	1.41	4.975	1	95.4%	27	29	26
4.7	150	3.7	2.83	4.975	2	95.0%	30	35	28
4.7	150	3.7	4.29	4.975	3	94.0%	34	43	30

FETx1 Application and Schottky less

UP Converter Efficiency DATA (5V/9V/12V output) vs TI

TI TPS61088(Datasheet DATA)
Output 9V





LC709501 Measurement DATA (FETx1)
Output 9V