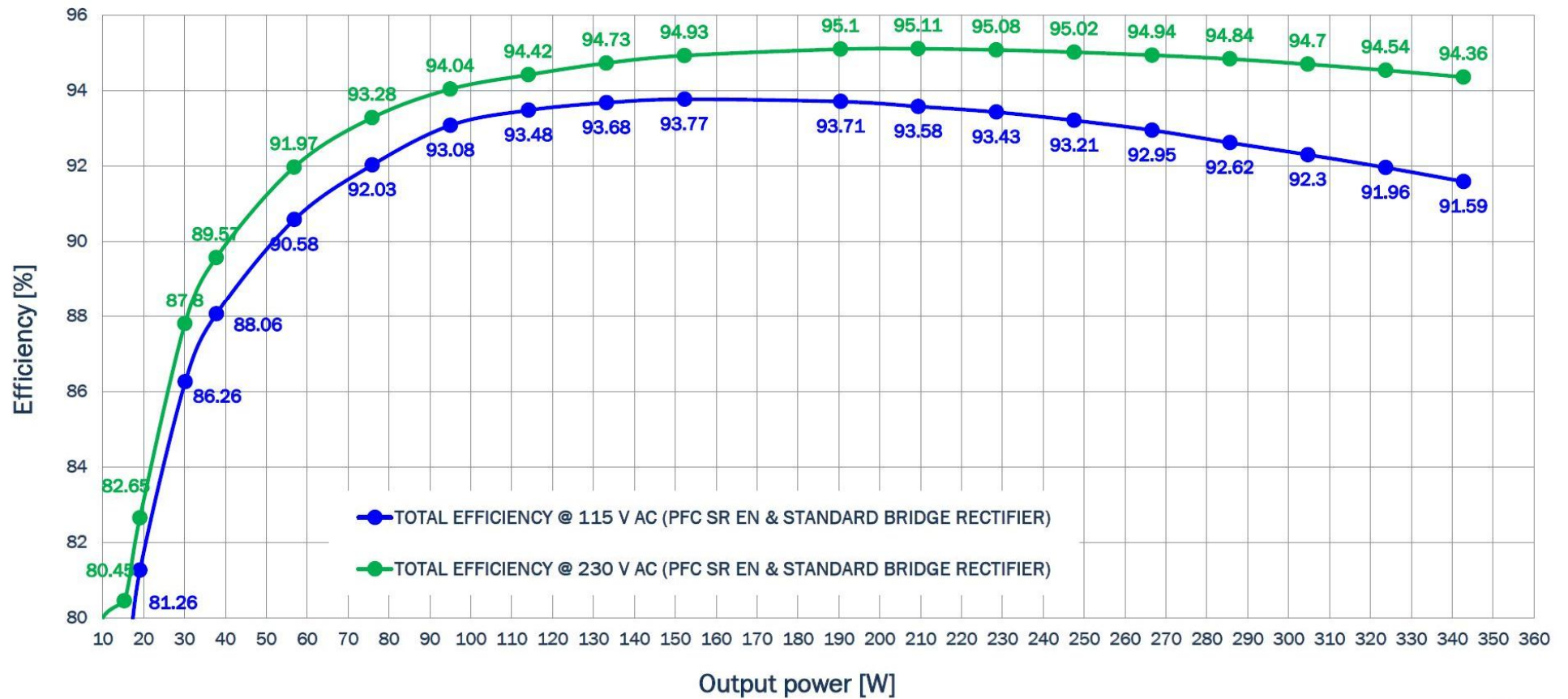
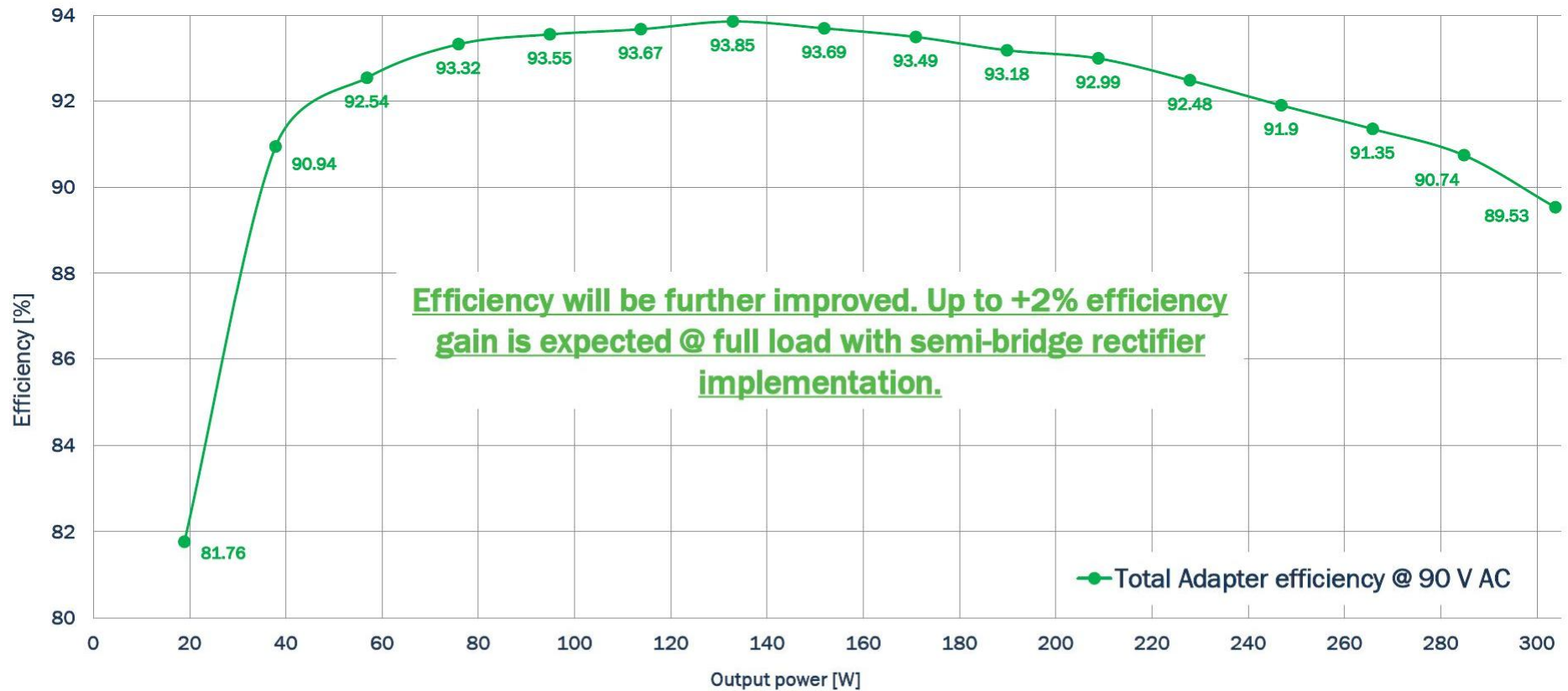


Ultra High Power Density 300 W Adapter Total Efficiency



Ultra High Power Density 300 W Adapter Total Efficiency

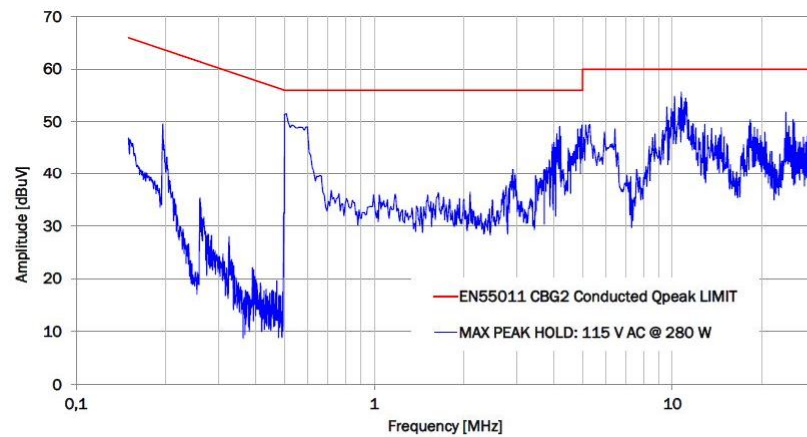


Ultra High Power Density 300 W Efficiency Summary

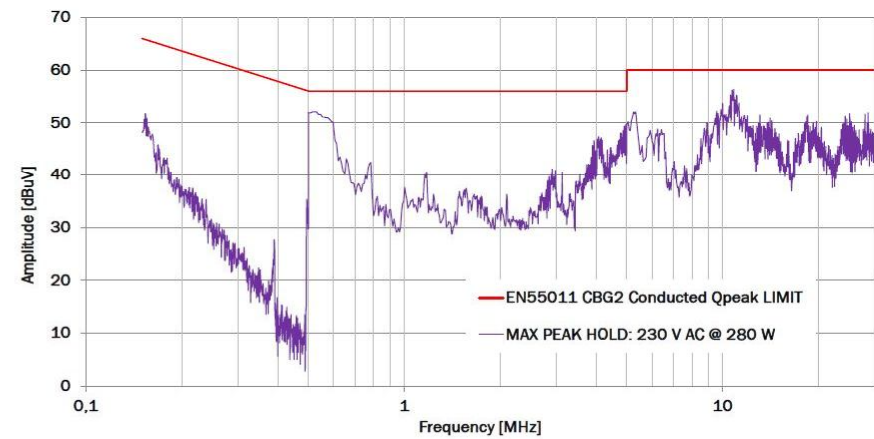
LOAD		Consumption [mW] or efficiency [%]				Required @ 230VAC
		@120VAC		@230VAC		
		100 kHz AIO EVB	500 kHz Adapter	100 kHz AIO EVB	500 kHz Adapter	
NO-LOAD		< 115mW	<130 mW*	< 125mW	<130 mW*	<150mW
	Load 250 mW	466 mW	< 490 mW*	475 mW	< 500 mW*	<500mW
	Load 500mW	720 mW	< 800 mW*	823 mW	< 850 mW*	<1000mW
Load 20%	50	90,2	90,6	91,5	92,0	>90%
Load 25%	62,5	91,8	92,0	93,0	93,3	-
Load 50%	125	93,4	93,7	94,4	94,7	>94%
Load 75%	187,5	93,1	93,7	94,6	95,1	-
Load 100%	250	92,6	93,2	94,5	95,0	>91%
4 point AVG		92,7	93,2	94,1	94,5	-
* preliminary information, may be changed.						

Improves efficiency from light to full load whilst running at 5X higher switching frequency

Ultra High Power Density 300 W Conducted EMI



Data captured at 115 Vac, 280 W design



Data captured at 230 Vac, 280 W design