## This checklist must be submitted as a PDF as part of your submission.

Name of Certifying Engineer(s): Email of Certifying Engineer(s): j Name(s) of System Under Test:	eremy@syntiant.com	
Division (check one):  ☐ Open ☐ Closed		
Category (check one):  ☐ ✓ Available ☐ Preview ☐ Research, Development,	and Internal (RDI)	
Benchmark(s) (check all that approximately Visual Wake Words  ☐ Visual Wake Words ☐ Keyword Spotting ☐ Anomaly Detection ☐ Image Classification	oly):	
Please fill in the following table a	dding lines as necessary:	
System Under Test Name	Benchmark	Accuracy/AUC
syntiant_9120_1v1_98mhz	KWS	91.1%
<ul><li>☐ Yes (Anomaly Detection</li><li>☐ Yes (Image Classification</li></ul>	80% Accuracy) ng 90% Accuracy ) 0.85 AUC)	
For each SUT and benchmark, of mode? (check one):   Yes  No	lid the submission run on the wh	nole validation set in accuracy
For each SUT and benchmark, o	loes the submission use the EEI	MBC Runner? (check one)

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□ No	
(check one	OUT and benchmark, is the same code run in accuracy and performance modes?  Yes. (with the #define EE_CFG_ENERGY_MODE changed)
Are the well	
□ INT □ ✓ □ UIN □ UIN □ FP1 □ FP1 □ FP3	INT8 INT16 IT8 IT16 IT16 IT16 IT1
□ <b>▽</b> □ TF- □ Mic	end does the submission use? (check all that apply)  Vendor backend, please name: Syntiant TDK (Training Development Kit)  Lite Micro  ro TVM  ler, please specify:
ideally none  Cac  Cac	ne following caching techniques does the submission use? (check all that apply, e): ching Inputs between iterations ching responses between iterations ching intermediate computations between iterations
submitting Qua	ne following techniques does the submission use? (check all that apply, ideally none if to the closed division.)  antization aware training olesale weight replacement ight supplements carding non-zero weight elements

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	Har	ning difying weights during the timed portion of an inference run d coding the total number of queries None of the above
		nission congruent with all relevant MLPerf rules? Yes
If the a	answ	er to the above question is no, please explain:
		UT, have you filled out the JSON system description file? Yes
		UT, does the submission accurately reflect the real-world performance of the SUT? Yes
	<b>V</b>	submission include the following: (check all that apply) System description file Code that implements the benchmarks
_		de/scripts that train the model(s) (Open Division)
	V	Metadata that describes each system-implementation combination tested
		pts that set up and execute each system implementation tested
		Result logs for each system implementation tested
	$\checkmark$	This Checklist