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 app Visual Wake Words Keyword Spotting Anomaly Detection Image Classification Please fill in the following table a		
System Under Test Name	Benchmark	Accuracy/AUC
syntiant_9120_0v9_30mhz	KWS	91.1%
For each SUT, is the benchmark division) (check all that apply): Yes (Visual Wake Words Yes (Keyword Spotti Yes (Anomaly Detection Yes (Image Classification No, for some combination	80% Accuracy) ng 90% Accuracy) 0.85 AUC)	
For each SUT and benchmark, omode? (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 EE	MBC Runner? (check one)

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

□ No	
(check one)	hark, is the same code run in accuracy and performance modes? #define EE_CFG_ENERGY_MODE changed)
Are the weights calibrated ☐ Yes ☐ No	using data outside of the official calibration set? (check one)
What numerics does the sulfill in	ubmission use? (check all that apply) fy:
	bmission use? (check all that apply) nd, please name: Syntiant TDK (Training Development Kit) fy:
ideally none): Caching Inputs beto Caching responses	
Which of the following tech submitting to the closed div Quantization aware Wholesale weight rule Weight supplement Discarding non-zero	training eplacement s

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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
	V	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