	QFD velocity measurament methods			Specifics																Competitors		
				Time of acquisitiion	✓ Time of computation	Maximum acceleration	★ Number of outliers	Velocity direction error	★ Speed error	Number of components	Total system weight	★ Maximum temperature	∨ Maximum vibration	Water/dirt resistent level	System power consumption	Number of compatible vehicles	★ Time of assembly	✓ TIme of maintenance	Meantime between failures	E-agle Trento Racing Team	Formula 1	AMZ driverless
Competitors		Improvement direction																				
Formula SAE car			Units	[ms]	[ms]	[m/(s^2)]	[#]	[deg]	[m/s]	[#]	[g]	[°C]	[Hz]	[IPxx]	[mW/h]	[#]	[min]	[min]	[s]		Ratings	
10	Requirements		Fast	•	•															3	5	4
10		Performance	No slip affected			•														1	5	5
11			High precision	0			•						0							4	5	5
11			High accuracy	0		0		•	•											4	5	5
5			Compact							•	0						0	0		4	3	3
4		/are	Light							0	•									4	5	4
9		Hardware	Good environment range									•	•	•					0	2	4	4
5			Low power consumption		0										•					3	4	2
9			Compatibility			0						0	0	0		•				3	2	2
7		Usability	Easy to assemble							0							•	0		3	3	2
10			Easy to maintain							0							0	•		3	5	4
9			Reliability																•	2	5	5
100										Spe	cifics quar	ntitative v	alues									
	E-agle Trento Racing Team																					
	E-agle Trento Racing Team Formula1 AMZ driverless																					
	Com	AMZ c	Iriverless																			

target (delighted) target (disgusted)