



The GS1 Tagged Item Performance Grade Submission Form

Date of Submission	
Name of Submitter	
Submitted on Behalf of	

Please email your grade submissions to helpdesk@gs1.org

Frequency band - FCC (902 – 928 MHz), ETSI (865 – 868 MHz) or Other (_____ MHz),
 Indicate all bands or only one, if you want to specify a narrow regional test band. If this section is left open, then the grade is to be tested over the frequency range 865-868 MHz and 902-928 MHz.

Grade Data - Please include these tables for each grade submission. If a table node is left blank, it will not be tested nor used in determining Pass / Fail test outcome. The “Minimum success rate” is 100% by default, but can be defined as a lower percentage for particular columns/rows to allow non-fatal read failures in the test matrix.

M-grades - In case of special stacking requirements, please include the stacked grade tables as well.

J-grades - Number of items in the stack is _____. If this section is left open, stack of 7 items is assumed. Stack alignment is _____. If this section is left open, horizontal stack alignment is assumed. Sensitivity and backscatter are defined as the levels required to read all the items.

Sensitivity Data Table

Sensitivity					
Minimum success rate	Orientation angle	Antenna			
		100%	100%	100%	100%
		1	2	3	4
100%	0				
100%	30				
100%	60				
100%	120				
100%	150				
100%	180				
100%	210				
100%	240				
100%	300				
100%	330				

Backscatter Data Table

Backscatter					
Minimum success rate	Orientation angle	Antenna			
		100%	100%	100%	100%
		1	2	3	4
100%	0				
100%	30				
100%	60				
100%	120				
100%	150				
100%	180				
100%	210				
100%	240				
100%	300				
100%	330				