Testing Procedures

Q1 Check Items

1. Cell Test

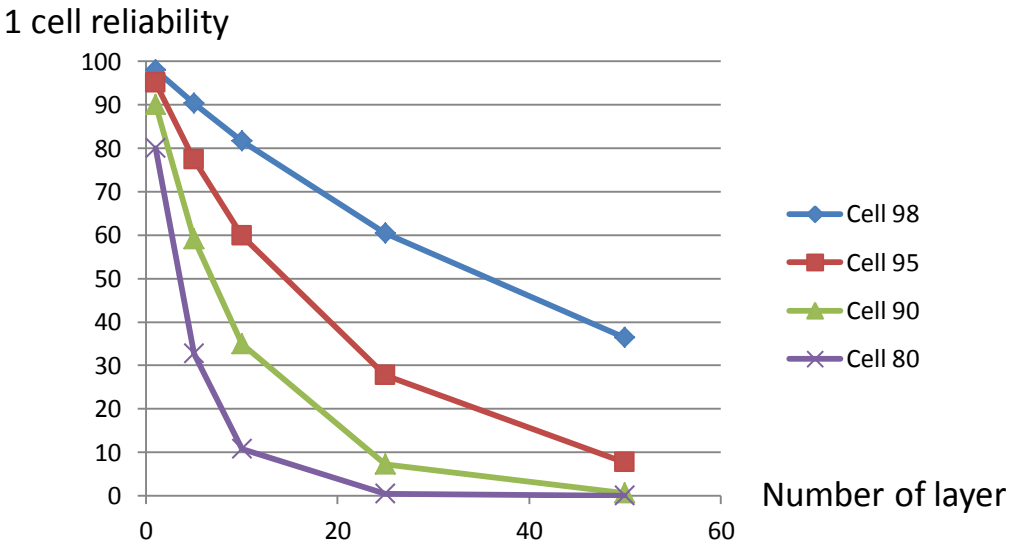
		Demand Spec
Stiffness Range is from	( ) to ( ) N/m	{ 10 N/m – 102 N/m }
Reliable Charge about	( ) V	{ 6200 V }
Max Deflection	( ) mm	{ 13 mm }
Max Force	( ) N	{ 2.6 N }
Cell Weight	( ) g	{ 0.4 g }

2. Multi-Layer Test

Linearity is	( ) /cells	{ 1. is best }

3. Fabrication Reliability

20 cells fabrication and test ( ) acquire data of 10-20 cells



Q1 Check Items

How to purse maximum Performance for 1-cell

1. Cell Test

		Demand Spec
Stiffness Range is from	( ) to ( ) N/m	{ 10 N/m – 102 N/m }
Reliable Charge about	( ) V	{ 6200 V }
Max Deflection	( ) mm	{ 13 mm }
Max Force	( ) N	{ 2.6 N }
Cell Weight	( ) g	{ 0.4 g }

2. Multi-Layer Test

Linearity is	( ) /cells	{ 1. is best }

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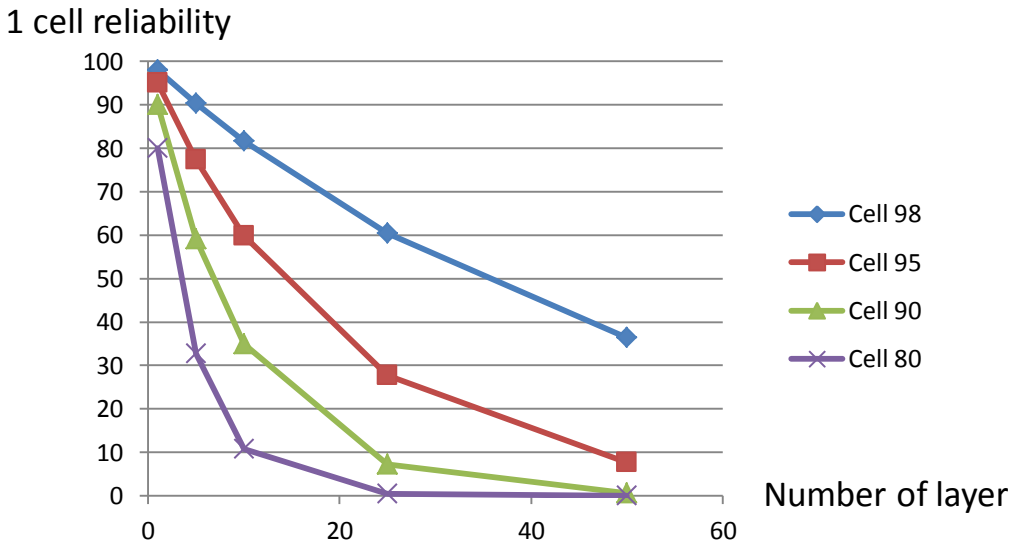

Measuring force order

Orders are described as ①⇒②⇒③⇒

	1mm – 5mm	6mm – 9mm	10mm – 12mm	13mm – 15mm
0 V	①	④	⑩	⑯
4000 V	②	⑤	⑪	⑰
5000 V	③	⑦	⑫	⑱
5500 V	⑥	⑧	⑬	⑲
6000 V	⑨	⑭	⑳	22
6500 V	⑮	21	23	24

Risky area High risk area

I want to get confirm from you about this orders in terms of getting proper data and safety.
If it is OK, I will make Excel file for making Mr.Shiquan test easier until next week.