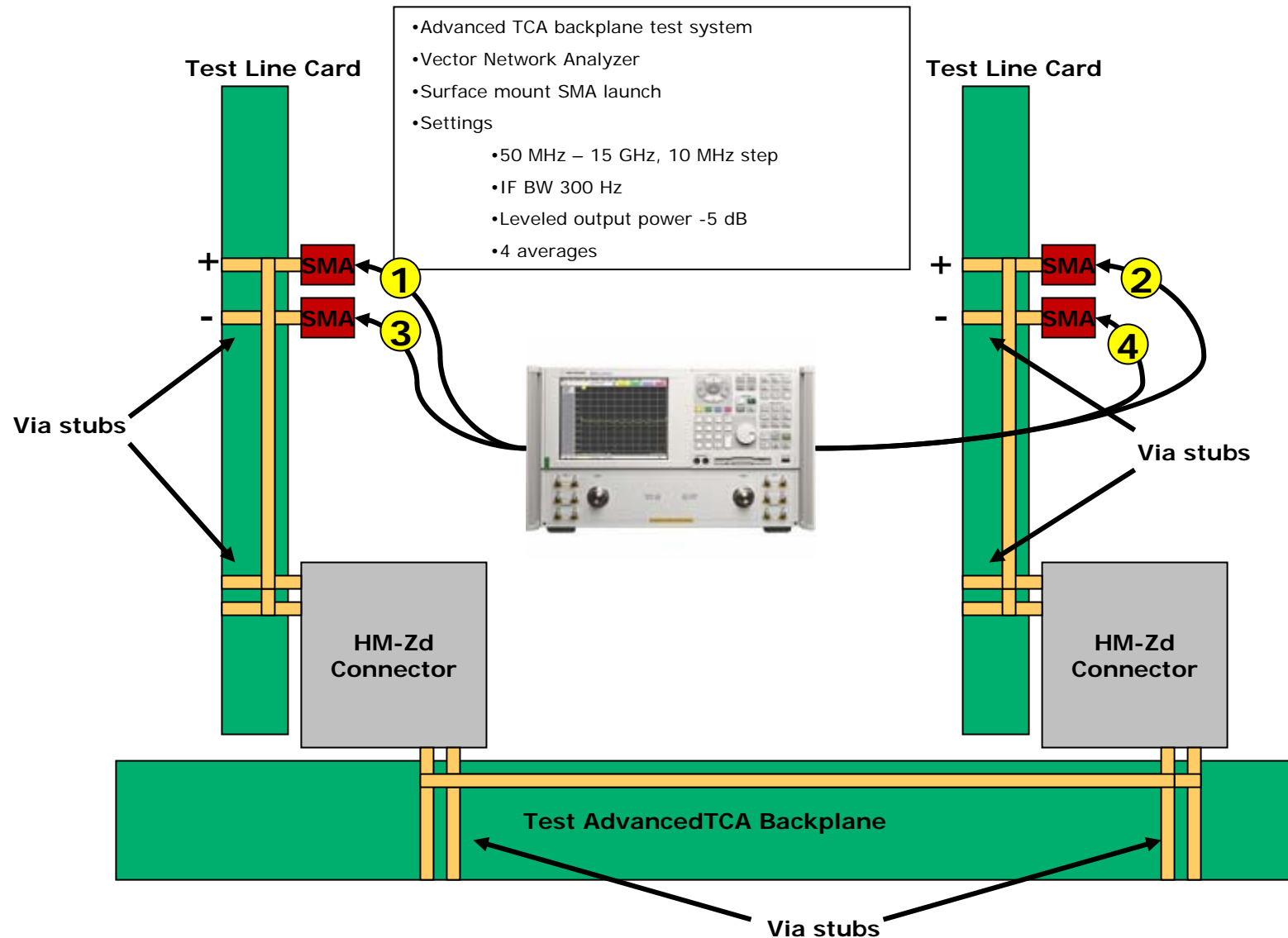
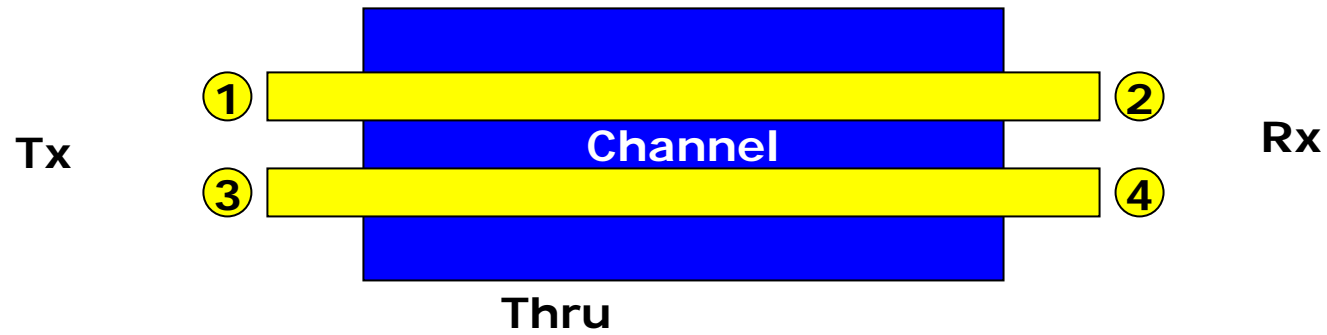

ATCA Channel Data from peters_01_0904

Measurement System Diagram



Port setup



S-parameter Data Format

- Touchstone (s4p)
 - 4 port
 - Single-ended 50 Ω
 - Real Imag
 - Start frequency: 50Mhz
 - Step Frequency: 50MHz
 - Stop Frequency: 15GHz

Channel Characteristics

	riser card 1		HM-Zd	backplane		HM-Zd	riser card 2		total
	layer	length		layer	length		layer	length	length
B1	2	2.25	AB	17	1.25	CD	4	2.97	6.47
B3	2	2.25	AB	17	3	CD	4	2.97	8.22
B8	2	2.25	AB	17	8	CD	4	2.97	13.22
B12	2	2.25	AB	17	12	CD	4	2.97	17.22
B20	2	2.25	AB	17	20	CD	4	2.97	25.22
B32	2	2.25	AB	17	32	CD	4	2.97	37.22
M1	9	4.75	GH	11	1.25	EF	7	3.79	9.79
M3	9	4.75	GH	11	3	EF	7	3.79	11.54
M8	9	4.75	GH	11	8	EF	7	3.79	16.54
M12	9	4.75	GH	11	12	EF	7	3.79	20.54
M20	9	4.75	GH	11	20	EF	7	3.79	28.54
M32	9	4.75	GH	11	32	EF	7	3.79	40.54
T1	2	2.73	AB	2	1.25	CD	4	3.18	7.16
T3	2	2.73	AB	2	3	CD	4	3.18	8.91
T8	2	2.73	AB	2	8	CD	4	3.18	13.91
T12	2	2.73	AB	2	12	CD	4	3.18	17.91
T20	2	2.73	AB	2	20	CD	4	3.18	25.91
T32	2	2.73	AB	2	32	CD	4	3.18	37.91