Time Delay Matched Cable Assemblies
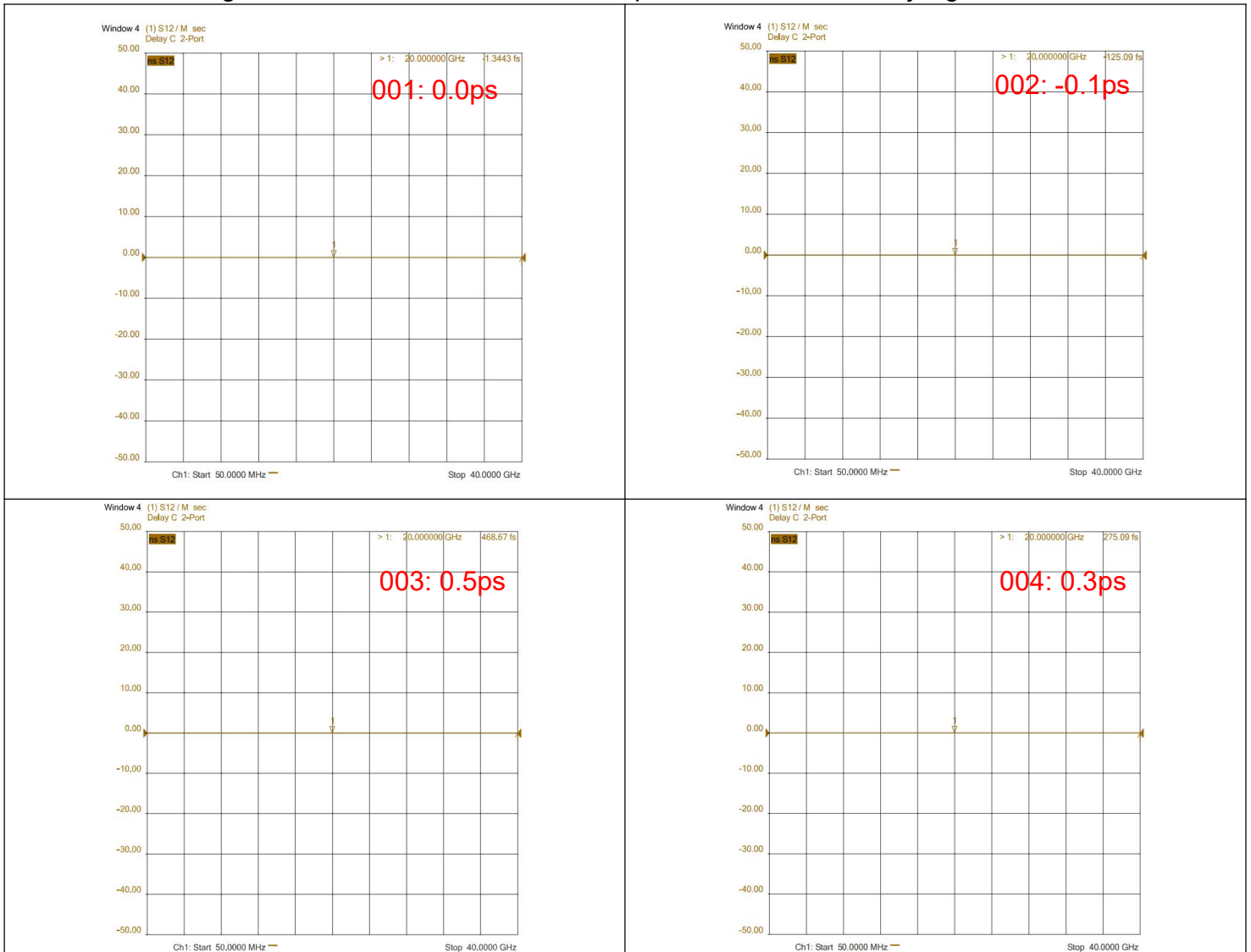
(Reference cable is normalized)

Matching Requirement : a group of PL380P 4pcs, time delay ± 1ps to 40GHz	
S/N	Measured Delay
001*	0.0ps
002	-0.1ps
003	0.5ps
004	0.3ps
Max	0.5ps
Min	-0.1ps
Range	0.6ps(±0.3ps)
Judgement	Pass

Notes:

1) * Using S/N 001 as reference cable, phase of which is normalized on VNA.

2) Measuring the phase for each of the rest cables. The measured phase data for rest cables are actually the phase variation from the reference cable.

3）When the range of min & max data is within the phase match limit, it is judged Pass.

Time Delay Matched Cable Assemblies

(Reference cable is not normalized)

Matching Requirement : a group of PL230P 4pcs, time delay ± 2ps to 67GHz	
S/N	Measured Delay(ps)
001	4048.8ps
002	4048.9ps
003	4047.7ps
004	4049.3ps
Max	4049.3ps
Min	4047.7ps
Range	1.6ps(±0.8ps)
Judgement	Pass

Notes:

1) When the range of min & max data is within the phase match limit, it is judged Pass.