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Klippel NFS 5

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Scanner Unit(NFS) 5

Microphone() 5

DUT(Device Under Test) Stand 5

Reference Speaker() 5

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Klippel NFS

Klippel NFS

(Far-Field Response)

3D
(Directivity)

Klippel NFS

Klippel NFS

Scanner()	3D
Microphone()	
DUT(Device Under Test)	
Laser Sensor(,)	
Reference Speaker(,)	

Scanner Unit(NFS)

- () 360
- XYZ 3
- , , 가

Microphone()

- Near-Field() , Far-Field()
-

DUT(Device Under Test) Stand

-
-

Reference Speaker()

-
- 가

SCN(Scanning Module)	3D

NFM(Near-Field Measurement)	
FFA(Far-Field Analysis)	
DIA(Directivity Analysis)	
Harmonic Distortion Analysis	
3D Data Visualization	(3D)

SCN(Scanning Module)

- 3D 가 (/ 가)
-
-

NFM(Near-Field Measurement Module)

- Near-Field Far-Field

FFA(Far-Field Analysis Module)

- Near-Field Far-Field
-
-

DIA(Directivity Analysis Module)

- 360
- Polar Plot 3D Directivity Map

Harmonic Distortion Analysis

- (Harmonic Distortion)
-

3D Data Visualization Module

- 3D 가
- , 가

Klippel NFS

1. Near-Field
 - 3D 가
2. Far-Field (Near-Field to Far-Field Transformation)
 - Near-Field Far-Field

3. **(Directivity Analysis)**

○

4. **(Harmonic Distortion Analysis)**

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Klippel NFS vs.

	Klippel NFS	
	()	
	가	

Klippel NFS

- 1.
- 1.
- & 1.
2.

Klippel NFS

- **3D** 가
- **Near-Field** **Far-Field**
- , , , 가



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