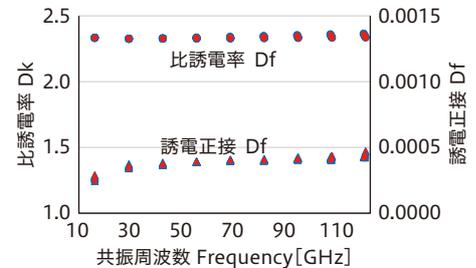


# 計測技術受託サービス 事例紹介

## Electronics Assembly and Interconnect Engineering Service

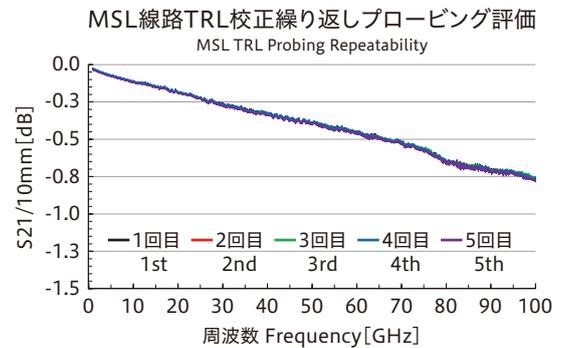
### 材料誘電特性測定 Material Dk/Df Measurement

測定治具 Method	試料形状 Material shape	周波数 Frequency	比誘電率 Dk	誘電正接 Df	導電率 Conductivity
空洞共振器 Cavity Resonator	1×1×100 [mm]	1/2.45/5.8/10 [GHz]	2~130	0.5~0.0005	-
平衡型円板共振器 BCDR	φ50.6 0.2~0.4t [mm]	10~120 [GHz]	1.6~10	0.01~0.0001	1×10 <sup>6</sup> [S/m] 下限値

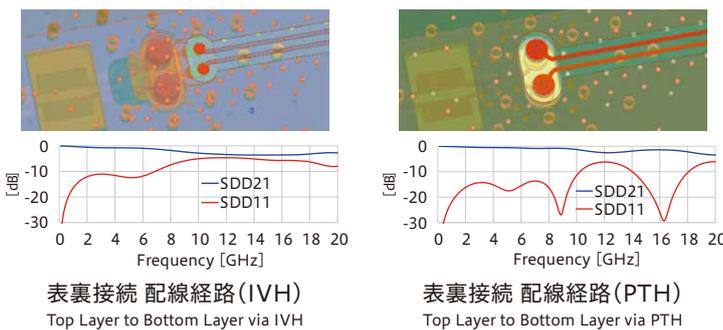


### 伝送線路測定 PCB S-Parameter Measurement

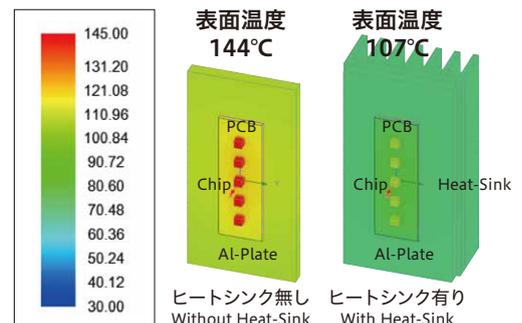
装置 Equipment	仕様 Specification
ネットワークアナライザ VNA	KEYSIGHT N5227B
周波数範囲 Frequency	10 [MHz] ~ 120 [GHz]
温度範囲 Temperature	-40 ~ 150 [°C]
プローバ Probe Station	Semi-Auto Prober
シングルプローブ Single probe	GSG 150/250 [μm]
差動プローブ Differential probe	GSGSG 150/250 [μm] GSSG 250 [μm]
コネクタ Connector	1.85 [mm]



### 伝送線路Sパラ解析 High-Speed Line S-Parameter Analysis



### 伝熱解析 Heat Dissipation Analysis



### はんだ接続部品内蔵基板 Solder-Attachment Embedding PCB



### 加工条件 Process Condition

