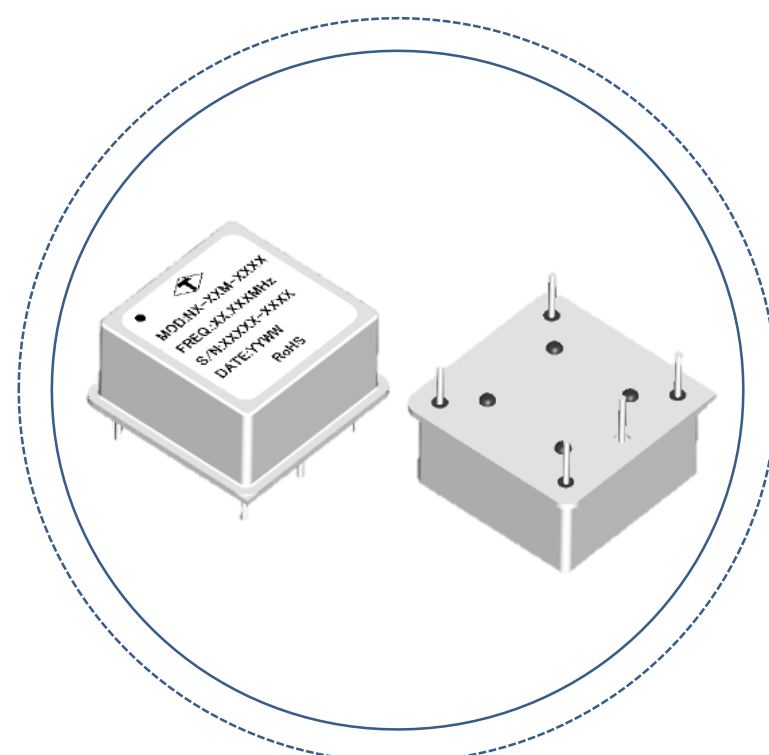


Ultra Low Noise, Low G-Sensitivity OCXO (NA-100M-6900)

NEW



25.4 x 25.4 x 12.7mm
Ultra Low Noise, Low G-
Sensitivity OCXO

Frequency Range
100 MHz

Frequency Stability
 ± 50 ppb, $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$
 ± 200 ppb, $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

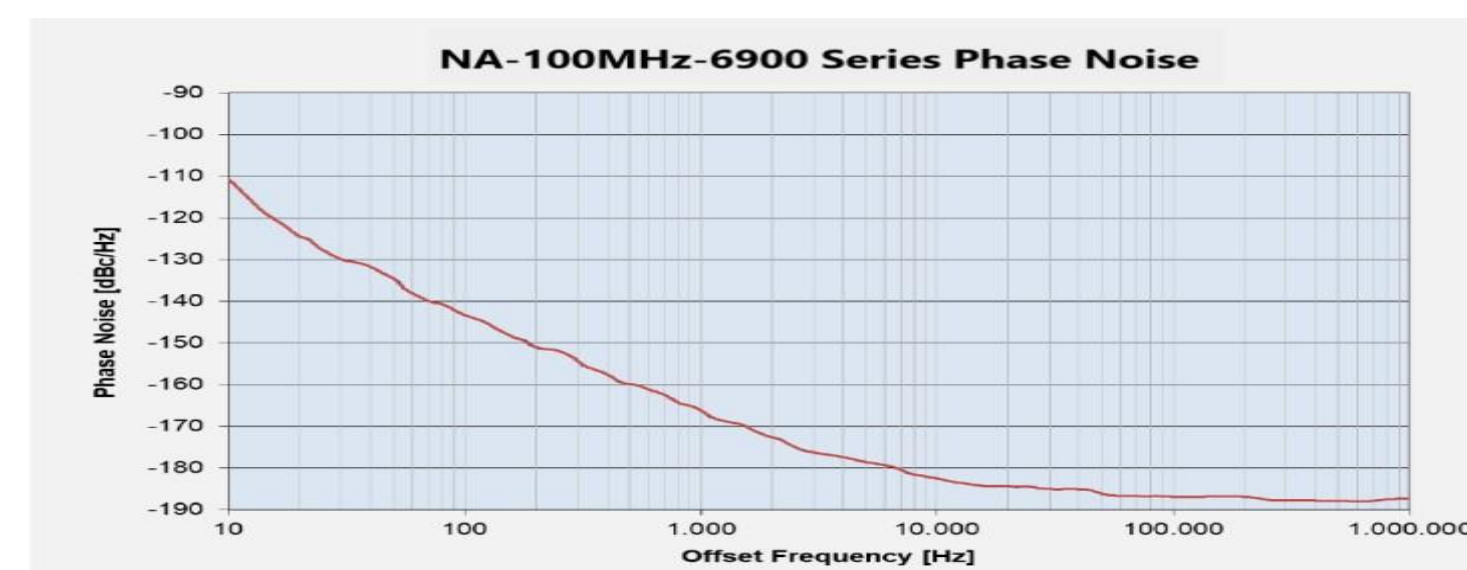
Supply Voltage
5.0V

Output Waveform
Sine Wave

Aging
 ± 5 ppb/day
 ± 200 ppb/1st Year
 ± 2 ppm/10 Years

Ultra Low G-Sensitivity
< 1 ppb/g, each axis.

Phase Noise



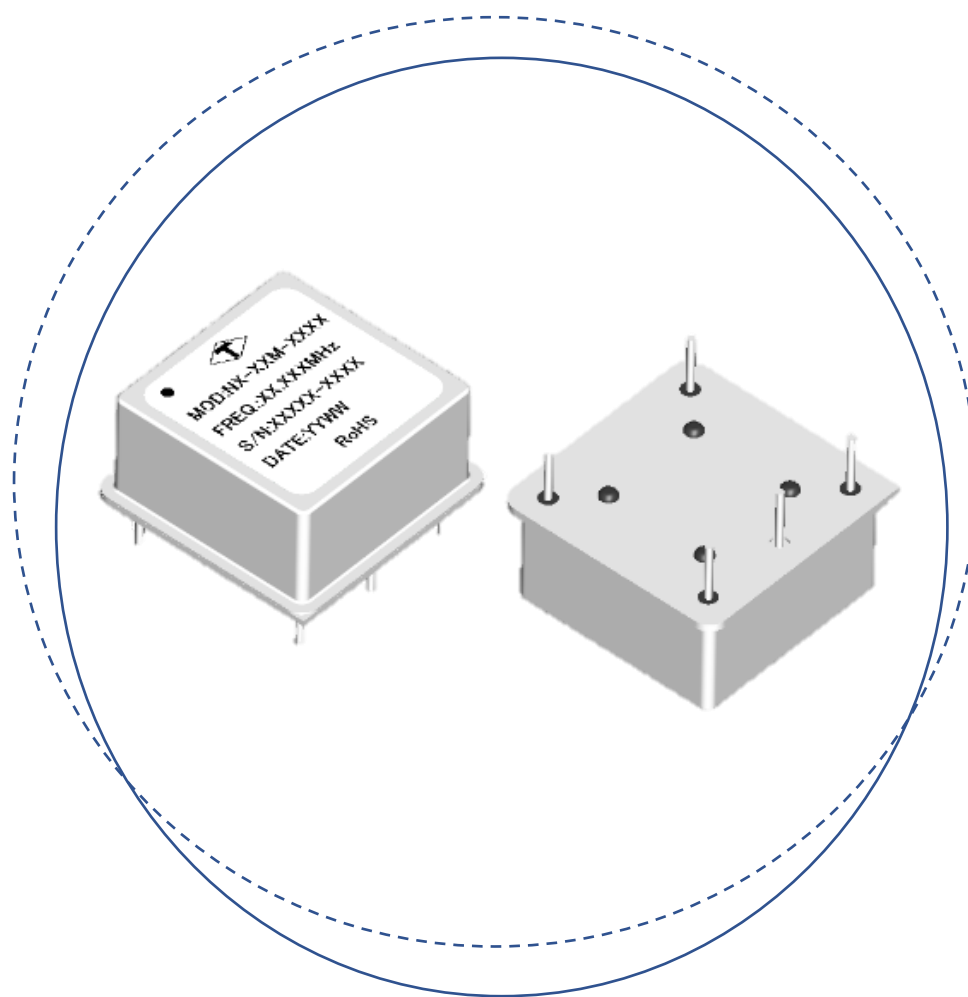
Option A	Option B		
-100	-105	dBc/Hz	@ 10 Hz
-130	-135	dBc/Hz	@ 100 Hz
-157	-162	dBc/Hz	@ 1 kHz
-180	-180	dBc/Hz	@ 10 kHz
-185	-185	dBc/Hz	@ 100 kHz
-185	-185	dBc/Hz	@ 1 MHz

TAITIENでは、さらに高精度を実現する超低消費電力OCXOシリーズを発表しています。

衛星通信、海上海底、精密監視、航空アプリケーション向け機器に向けて、
超低消費電と優れた安定性を実現します。

TAITIENの超低消費電力OCXOシリーズは、低消費電力、高速ウォームアップ、そして優れた安定性を兼ね備え、過酷な環境下でも信頼性の高いパフォーマンスを実現します。

Ultra Low Noise OCXO (NA-10M/100M-6800)



25.4 x 25.4 x 14.8mm

Frequency Range

10MHz/100MHz

Frequency Stability

$\pm 5\text{ppb}, -40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
 $\pm 20\text{ppb}, -40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Supply Voltage

12V

Output Waveform

Sine Wave

g-Sensitivity

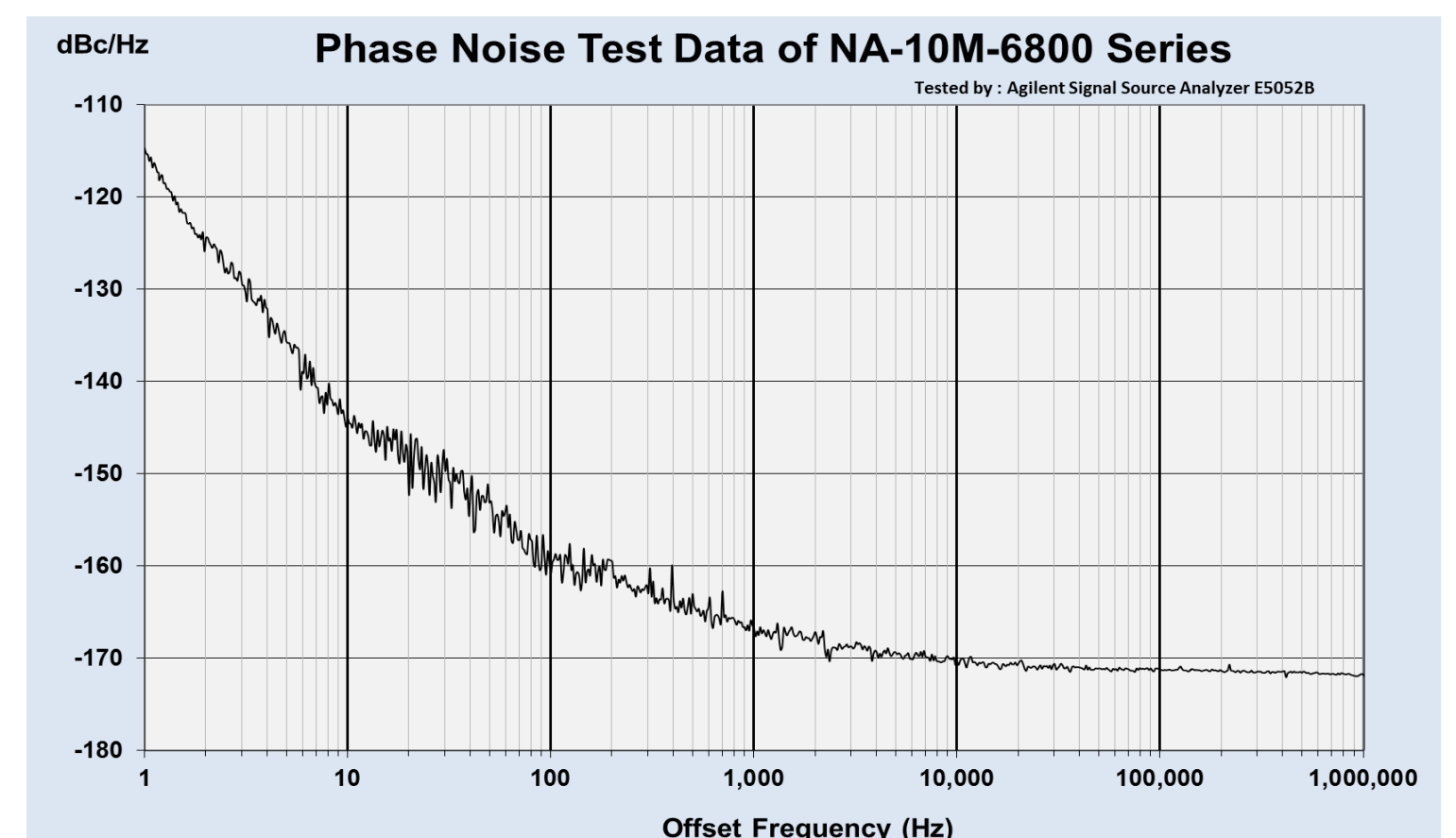
$< 1\text{ppb/g}$

Aging

$\pm 0.5\text{ppb/day}$
 $\pm 50\text{ppb}/1^{\text{st}}\text{ Year}$
 $\pm 0.3\text{ppm}/10\text{ Years}$

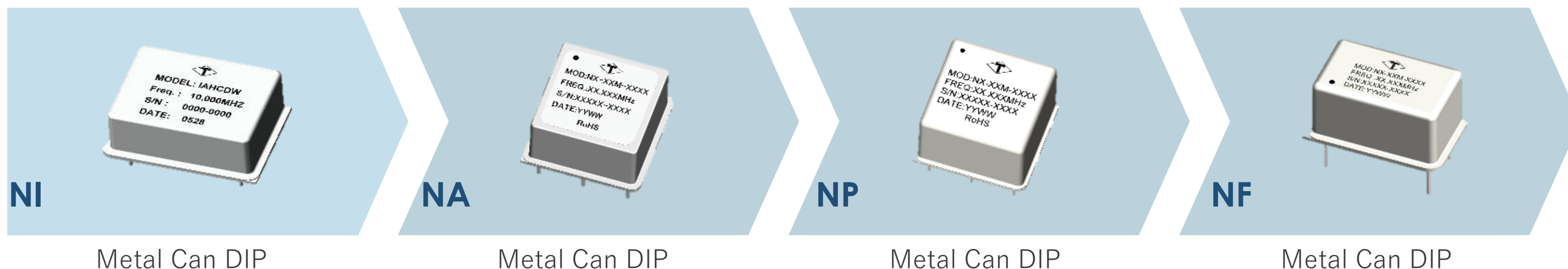
Phase Noise

Option A	Option B	Option C	Option D	Option E		
-105	-110	-115	-118	-120	dBc/Hz	@ 1Hz
-135	-140	-142	-146	-148	dBc/Hz	@ 10Hz
-155	-155	-155	-160	-162	dBc/Hz	@ 100Hz
-165	-165	-165	-166	-167	dBc/Hz	@ 1KHz
-170	-170	-170	-169	-168	dBc/Hz	@ 10KHz
-170	-170	-170	-170	-168	dBc/Hz	@ 100KHz
-170	-170	-170	-170	-168	dBc/Hz	@ 1MHz



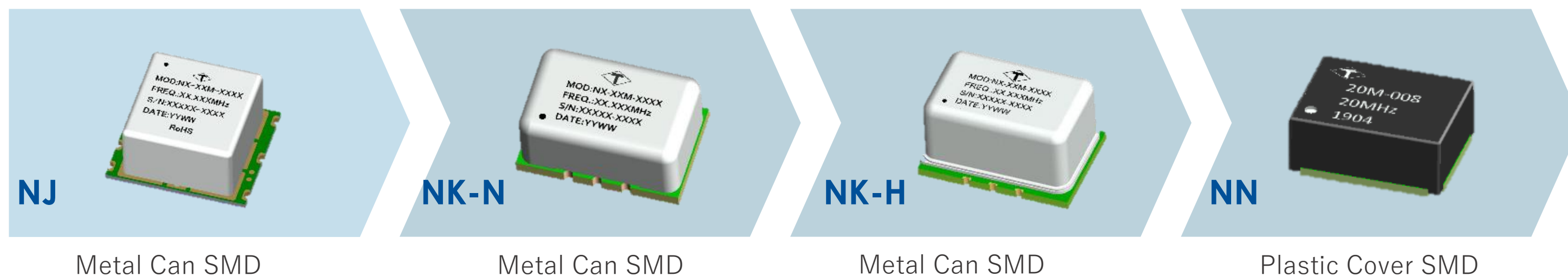
OCXO Product 1

DIP TYPE



Package (mm)	36.3x27.2x12.7	25.4x25.4x12.7	20.6x20.6x11	20.3x12.7x11
Frequency Range	5~40MHz	5~40MHz	5~40MHz	5~40MHz

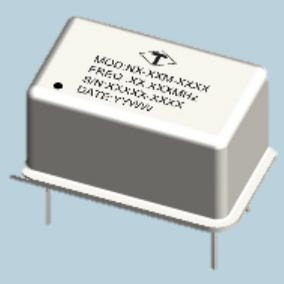
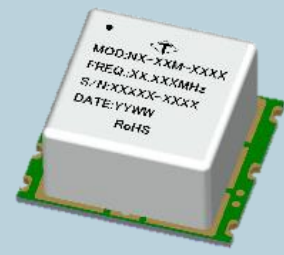
SMD TYPE



Package (mm)	25.4x22.1x11	14.3x9.3x6.5	14.3x9.3x8.2	9.7x7.5x4.1
Frequency Range	5~40MHz	10~40MHz	10~40MHz	10~40MHz

OCXO Product 2

High Precision & Ultra Low Phase Noise & Low G-Sensitivity

	High Precision $\pm 0.1\text{ppb}$, $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$ $\pm 0.05\text{ppb/day}$	Ultra Low G-Sensitivity $< 0.1\text{ppb/g}$	Ultra Low Noise	Ultra Low Noise	Ultra Low Noise	Ultra Low Noise
						
	NI-10M-3500	NI-10M-6700	NA-10M/100M-6800	NF-100M-6800	NJ-10M/100M-6800	NA-100M-6900
	Metal Can DIP	Metal Can DIP	Metal Can DIP	Metal Can DIP	Metal Can SMD	Metal Can DIP
Package (mm)	36.3x27.2x18.72	36.3x27.2x16	25.4x25.4x14.8	20.3x12.7x9.2	25.4x22.1x11	25.4x25.4x12.7
Frequency Range	10MHz	100MHz	10MHz/100MHz	100MHz	10MHz/100MHz	100MHz
Supply Voltage(V)	5	12	12	5	12	5.0
Output Waveform	CMOS	Sine Wave	Sine Wave	CMOS/Sine Wave	Sine Wave	Sine Wave