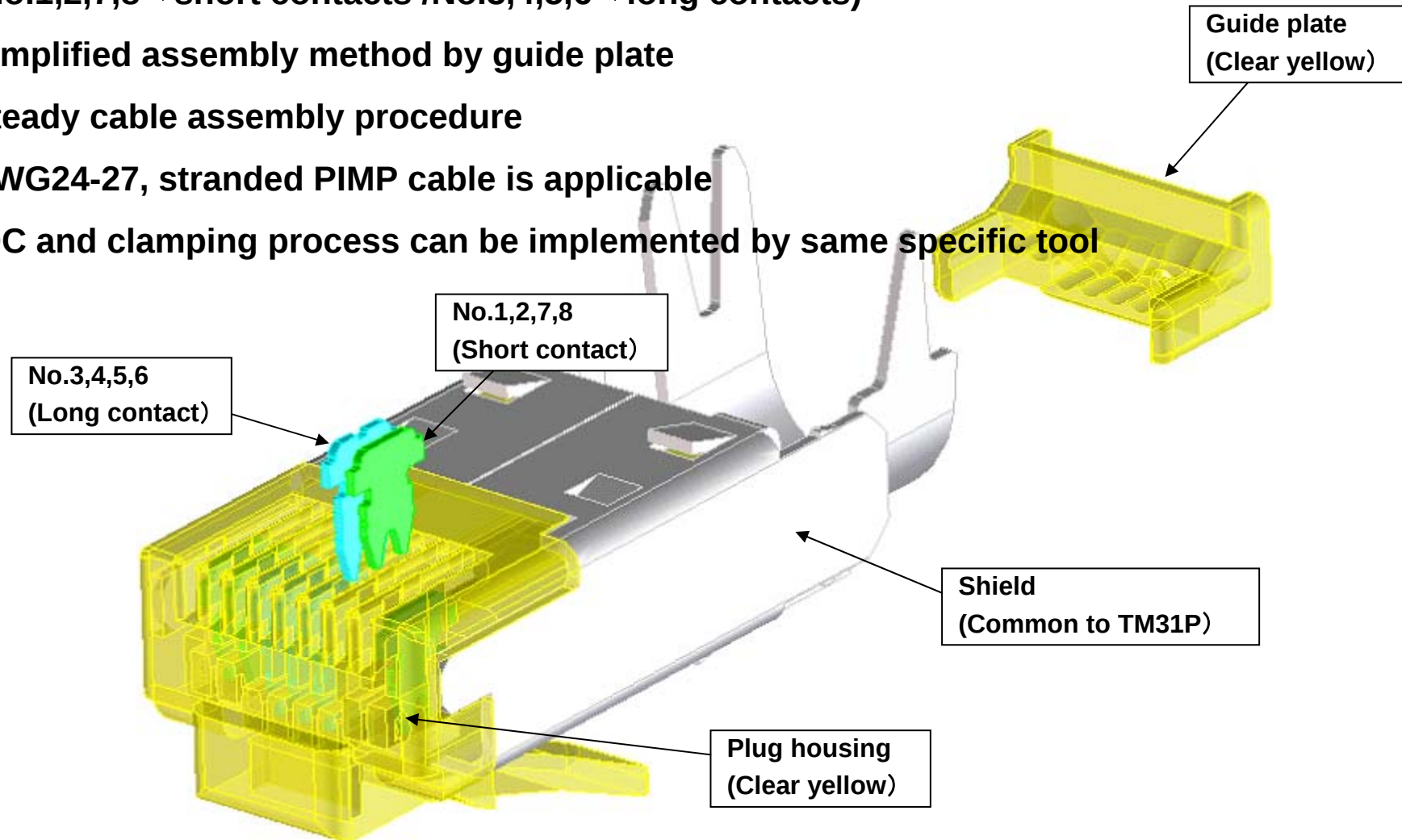


Plug : TM31P-TM-88P



1. Plug design satisfying CAT6a performance
(No.1,2,7,8⇒short contacts /No.3,4,5,6⇒long contacts)
2. Simplified assembly method by guide plate
3. Steady cable assembly procedure
4. AWG24-27, stranded PIMP cable is applicable
5. IDC and clamping process can be implemented by same specific tool



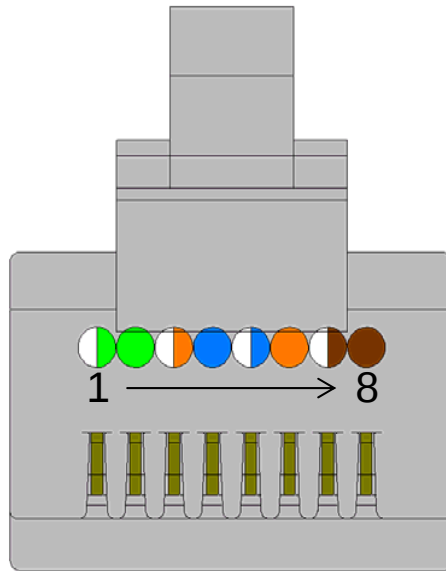
Plug : TM31P-TM-88P



Plug design satisfying CAT6a requirements

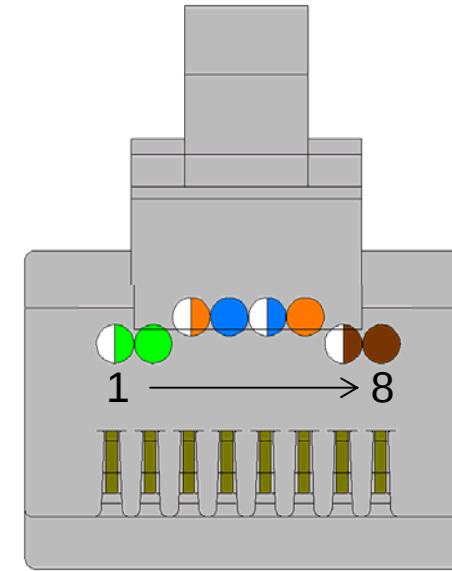
1) Unique contact arrangement

CAT6 Plug (TM21DP-TM-88P)



Limited performance due to the contact arrangement in a single row

CAT6a Plug (TM31P-TM-88P)



The contact arrangement in two rows makes performance improved (No3, 4, 5, 6 contacts are isolated from No1, 2, 7, 8 contacts)

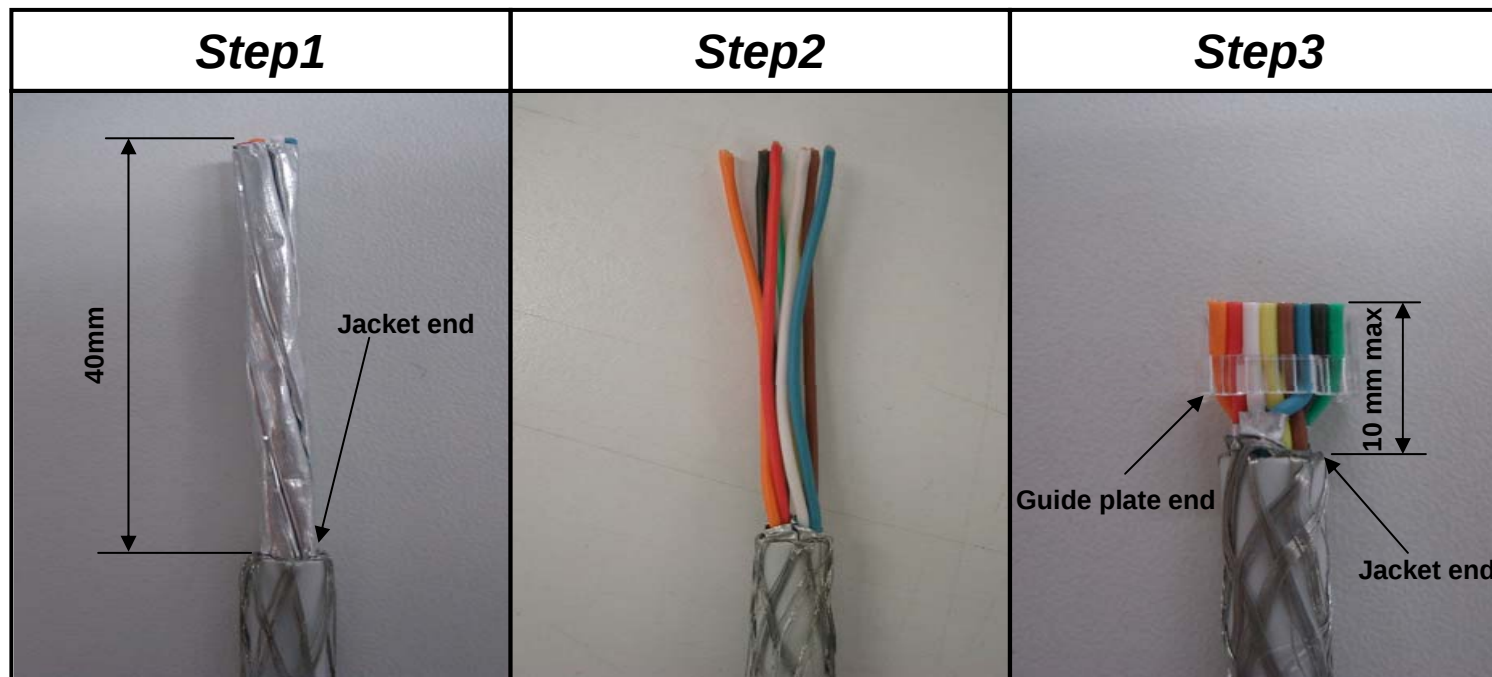
Improved Transmission Characteristics

Plug : TM31P-TM-88P



Cable assembly method to have CAT6a performance

Plug design makes it possible for users to lengthen jacket end and have steady CAT6a performance.

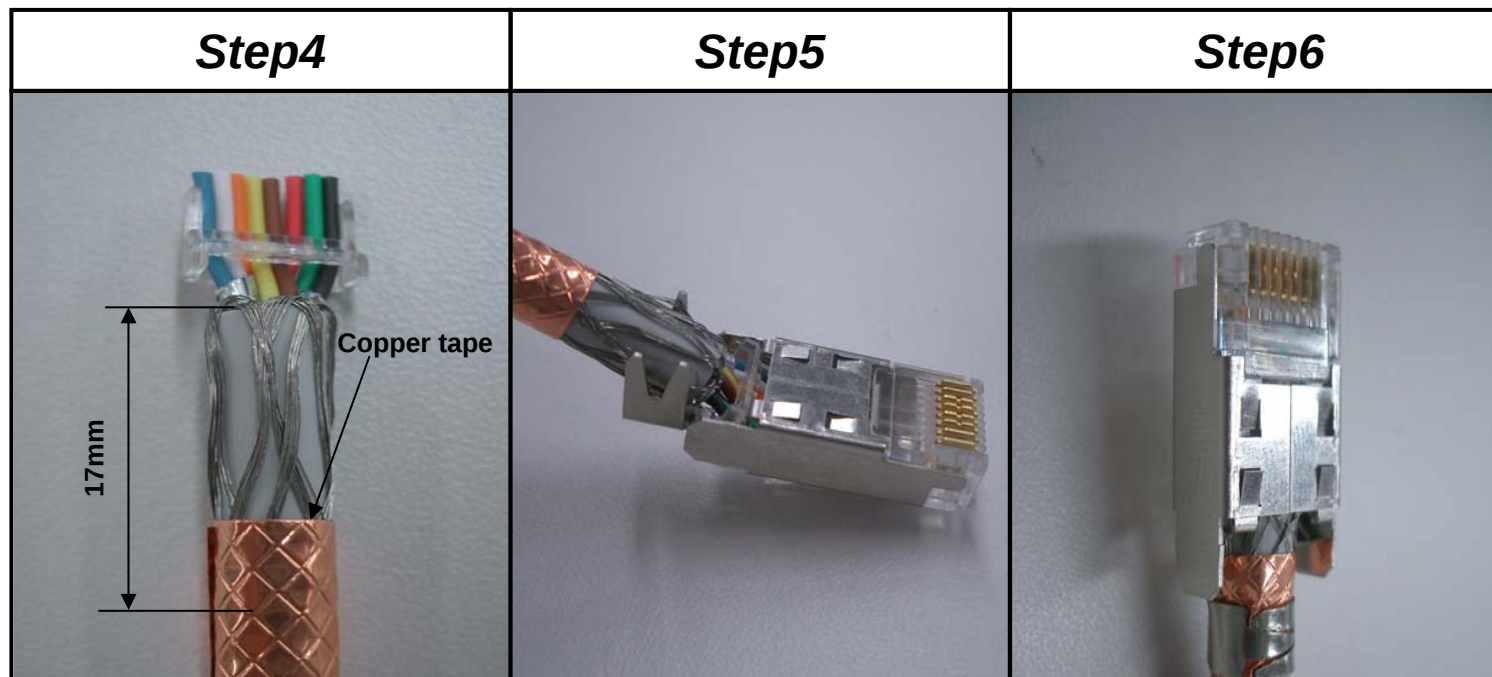


Plug : TM31P-TM-88P



Cable assembly method to have CAT6a performance

Plug design makes it possible for users to lengthen jacket end and have steady CAT6a performance.



Plug : TM31P-TM-88P

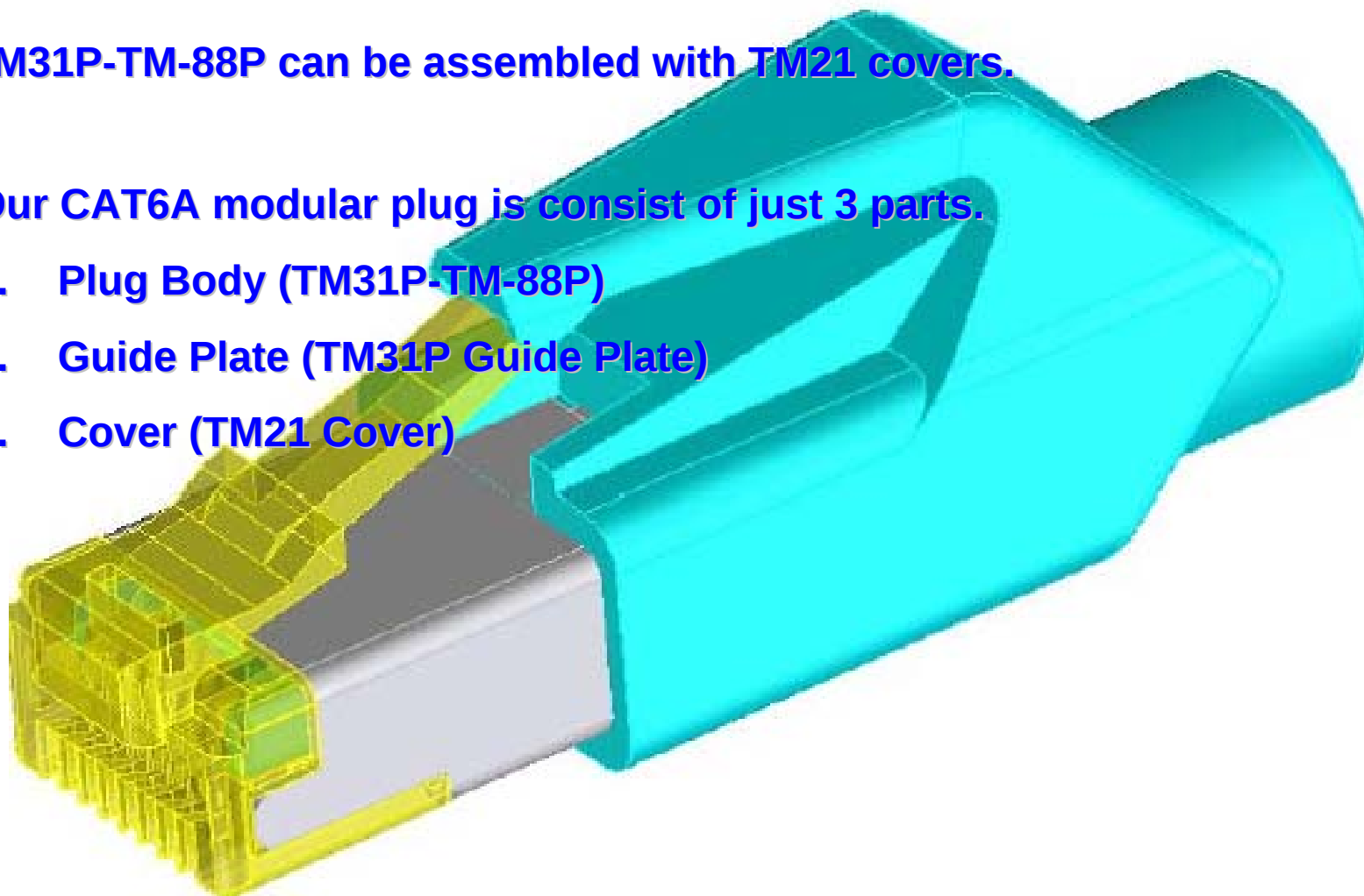


Outer Appearance of TM31P-TM-88P with cover

TM31P-TM-88P can be assembled with TM21 covers.

Our CAT6A modular plug is consist of just 3 parts.

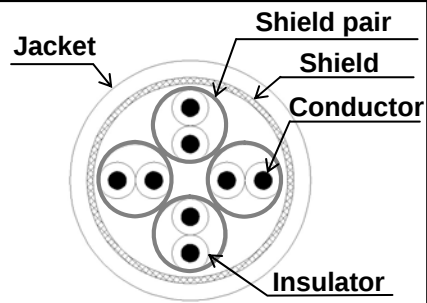
1. Plug Body (TM31P-TM-88P)
2. Guide Plate (TM31P Guide Plate)
3. Cover (TM21 Cover)



Plug : TM31P-TM-88P



Applicable Cable

 PIMF cable	Conductor	AWG 24 stranded wire
		AWG 27 stranded wire
	O/D of Insulator	ϕ 0.9 to ϕ 1.0
	O/D of Jacket	ϕ 5.8 to ϕ 6.0

Cable Assembly Tool

Cable Assembly Tool of TM21DP-TM-88P
can be also used for TM31P-TM-88P



Plug : TM31P-TM-88P

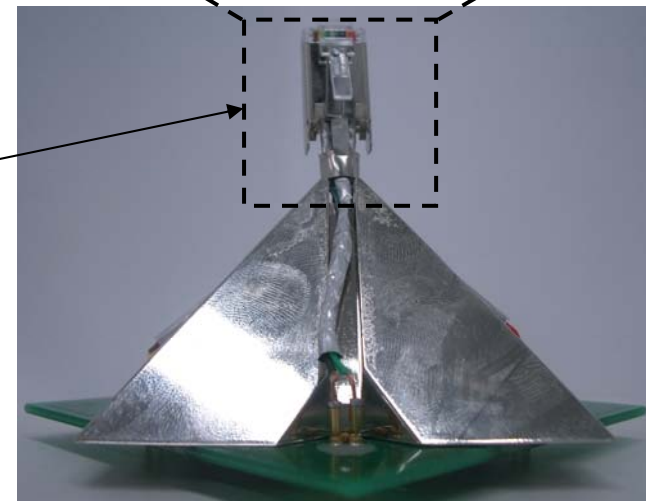
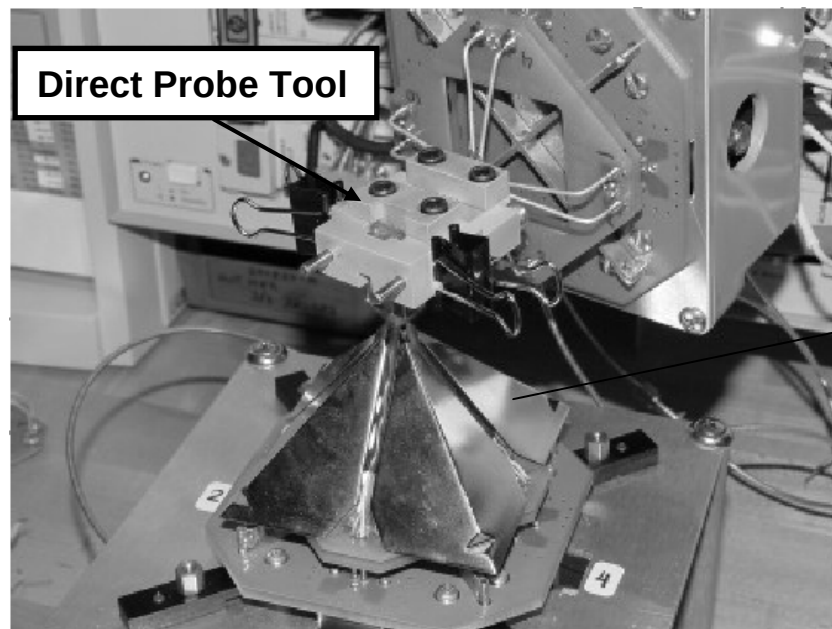


CAT6a Performance Measurement : Plug single TM31P Model sample

Measurement Method : Direct Probe Method

Measurement Equipment : Network Analyzer
(Agilent E8357A)

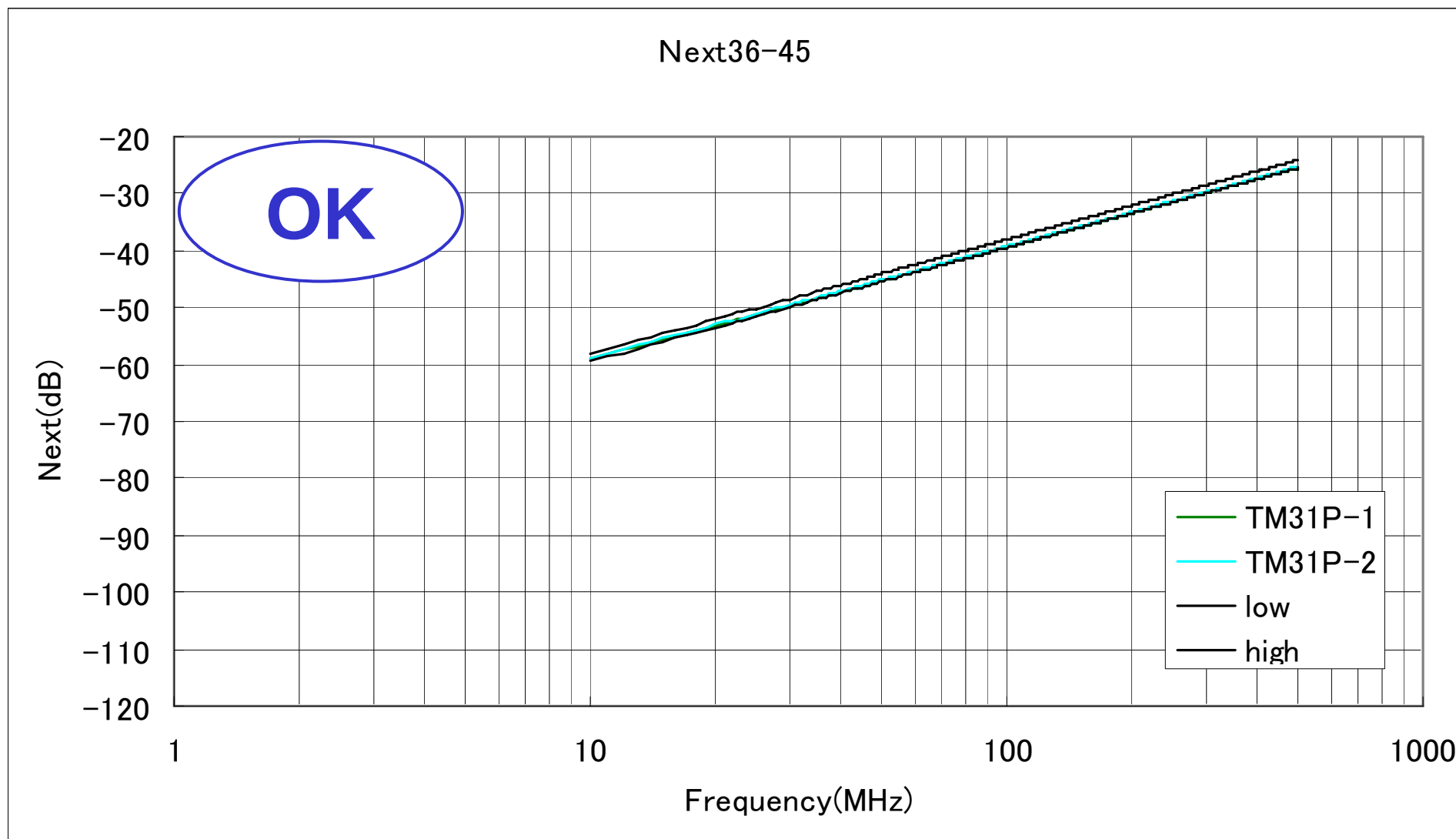
Frequency : 10~500MHz



Plug : TM31P-TM-88P

HRS

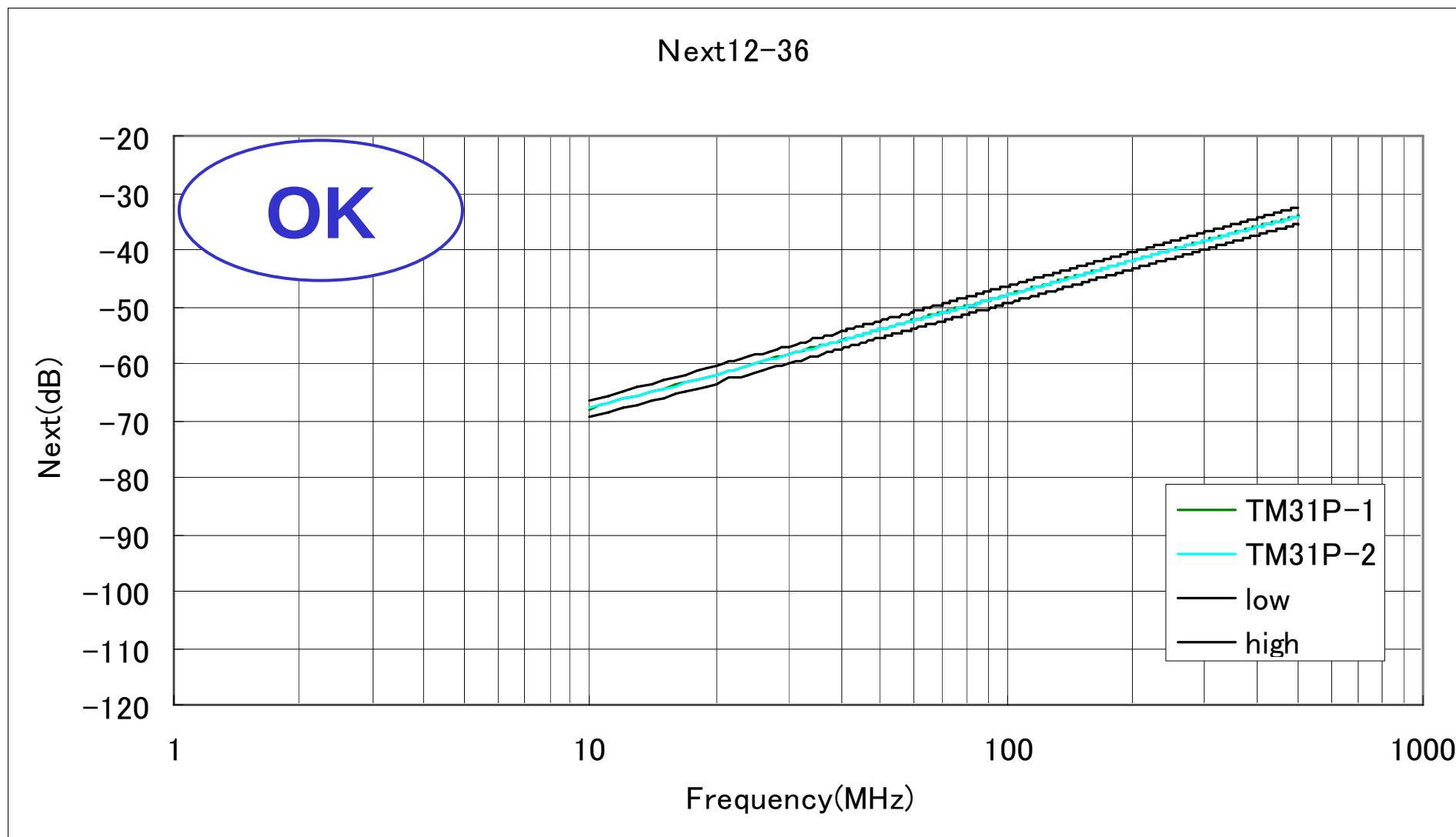
NEXT36-45



Plug : TM31P-TM-88P



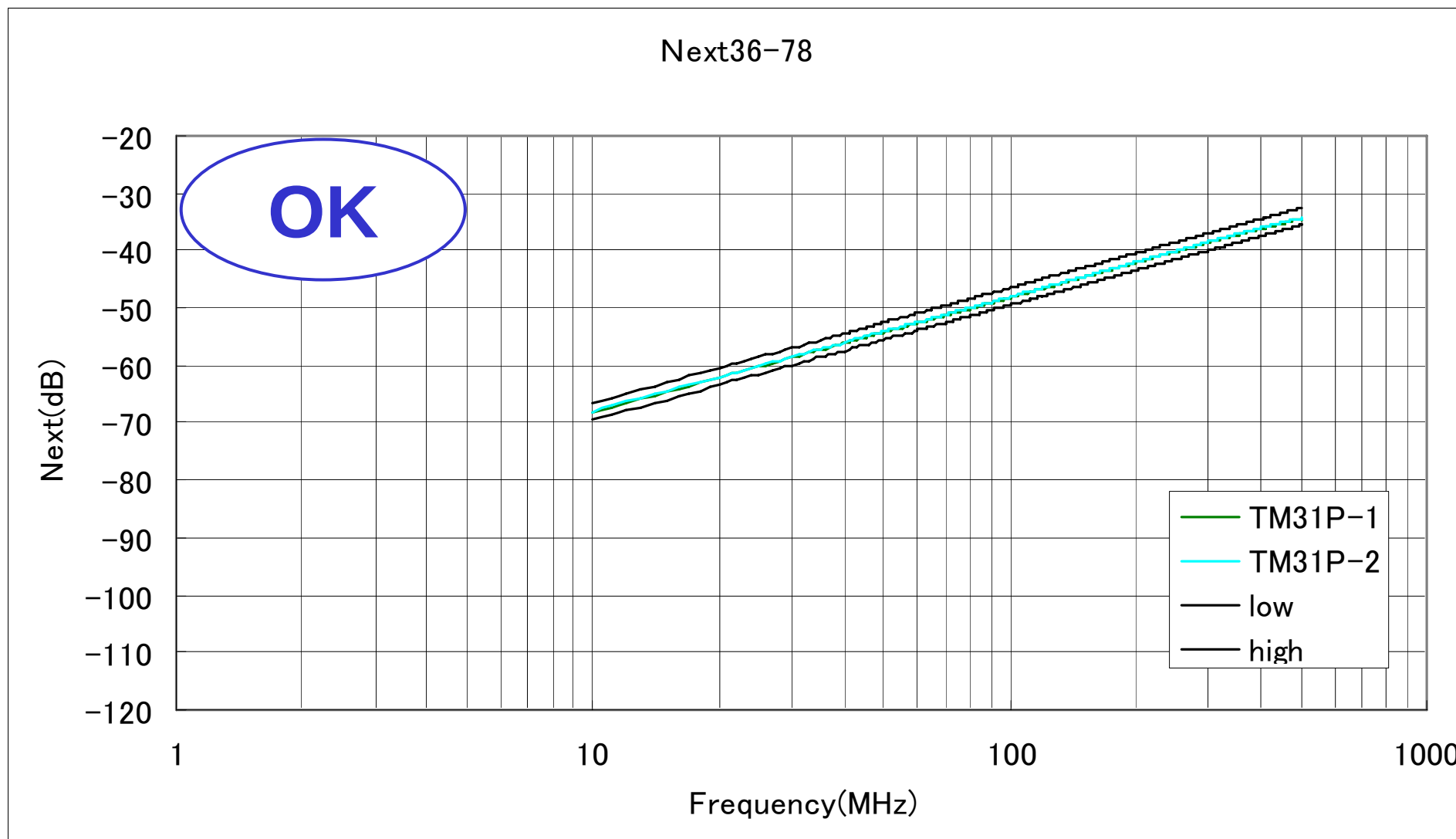
NEXT12-36



Plug : TM31P-TM-88P

HRS

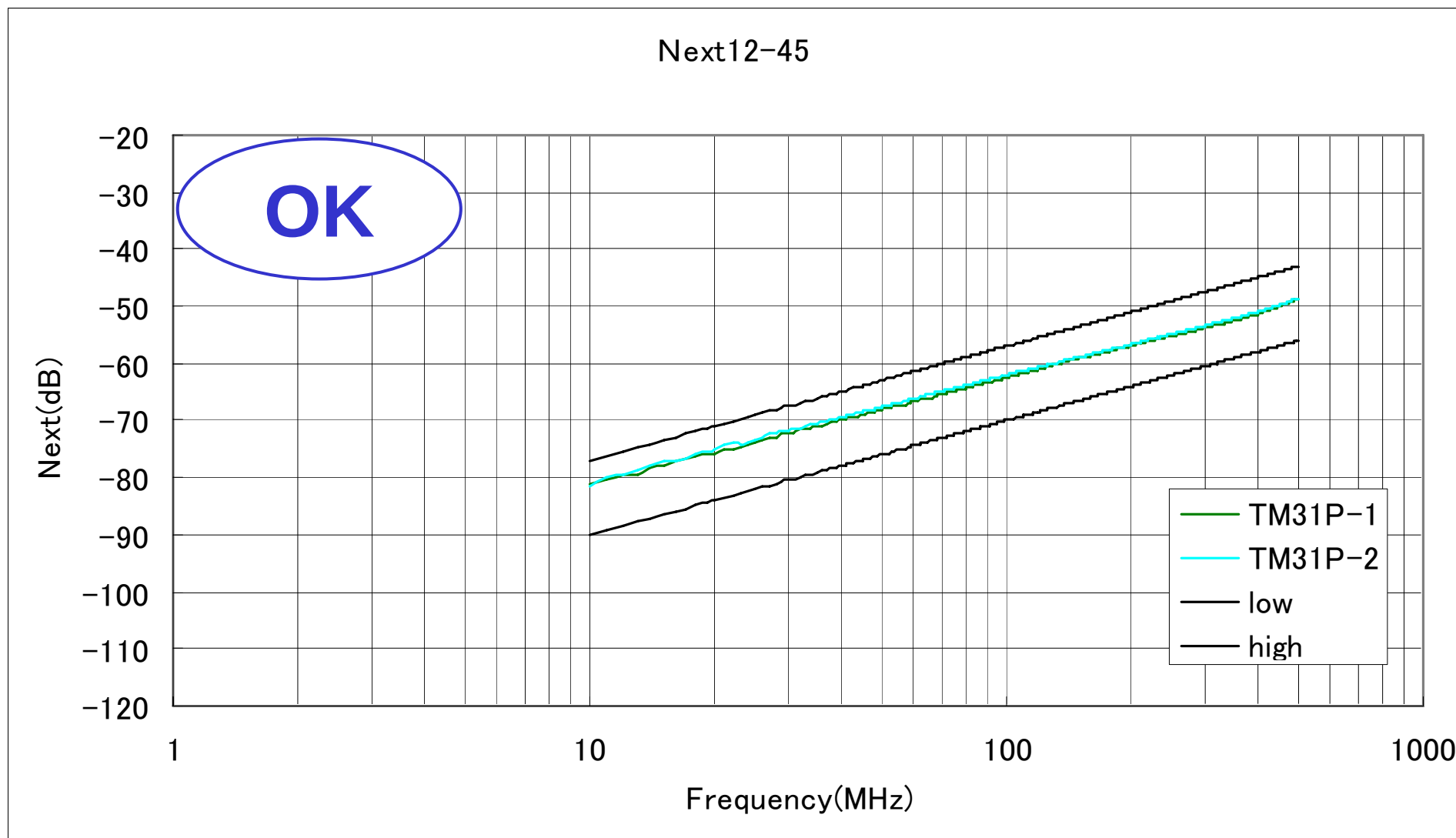
NEXT36-78



Plug : TM31P-TM-88P

HR5

NEXT12-45

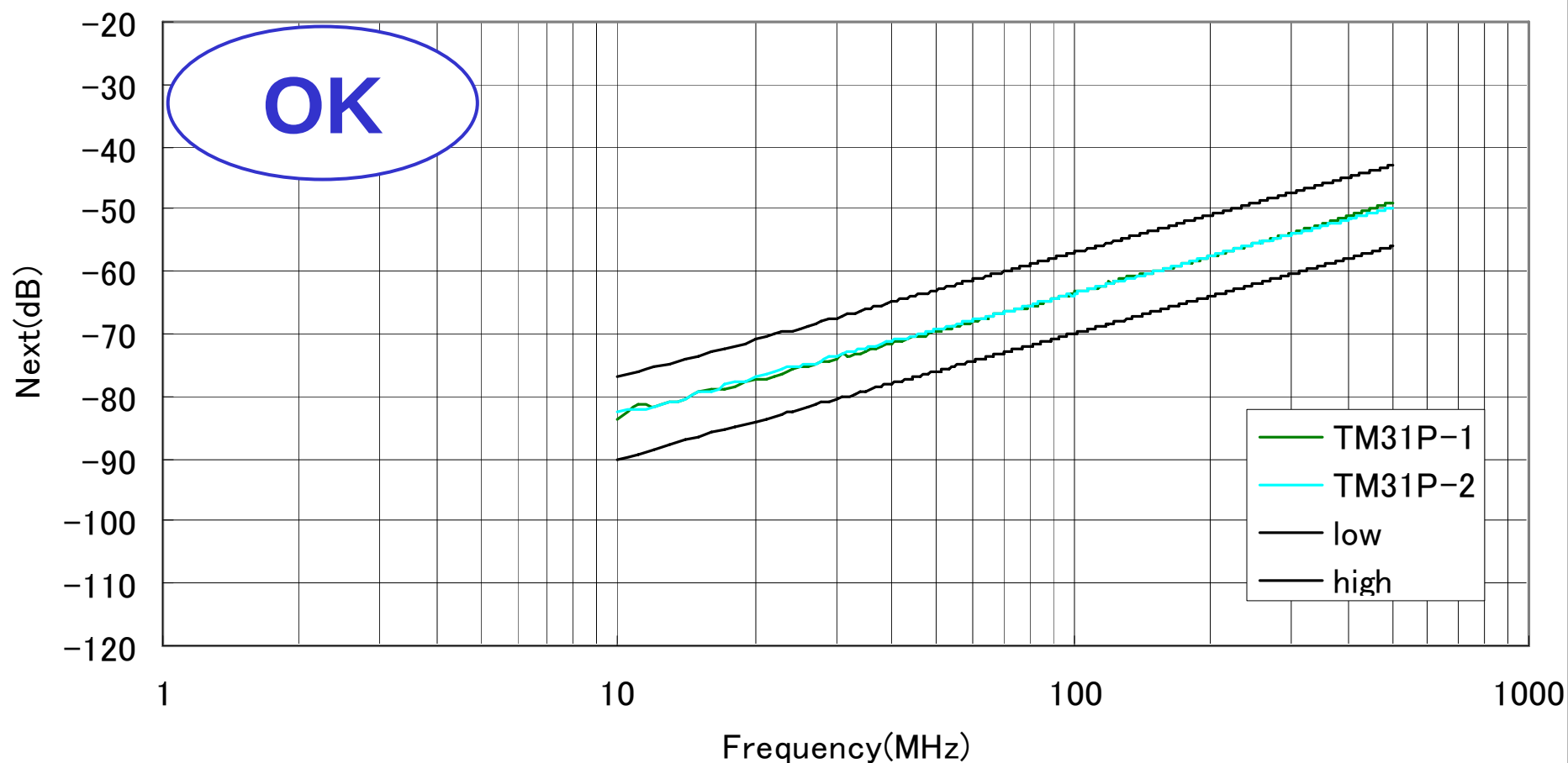


Plug : TM31P-TM-88P

HR5

NEXT45-78

Next45-78

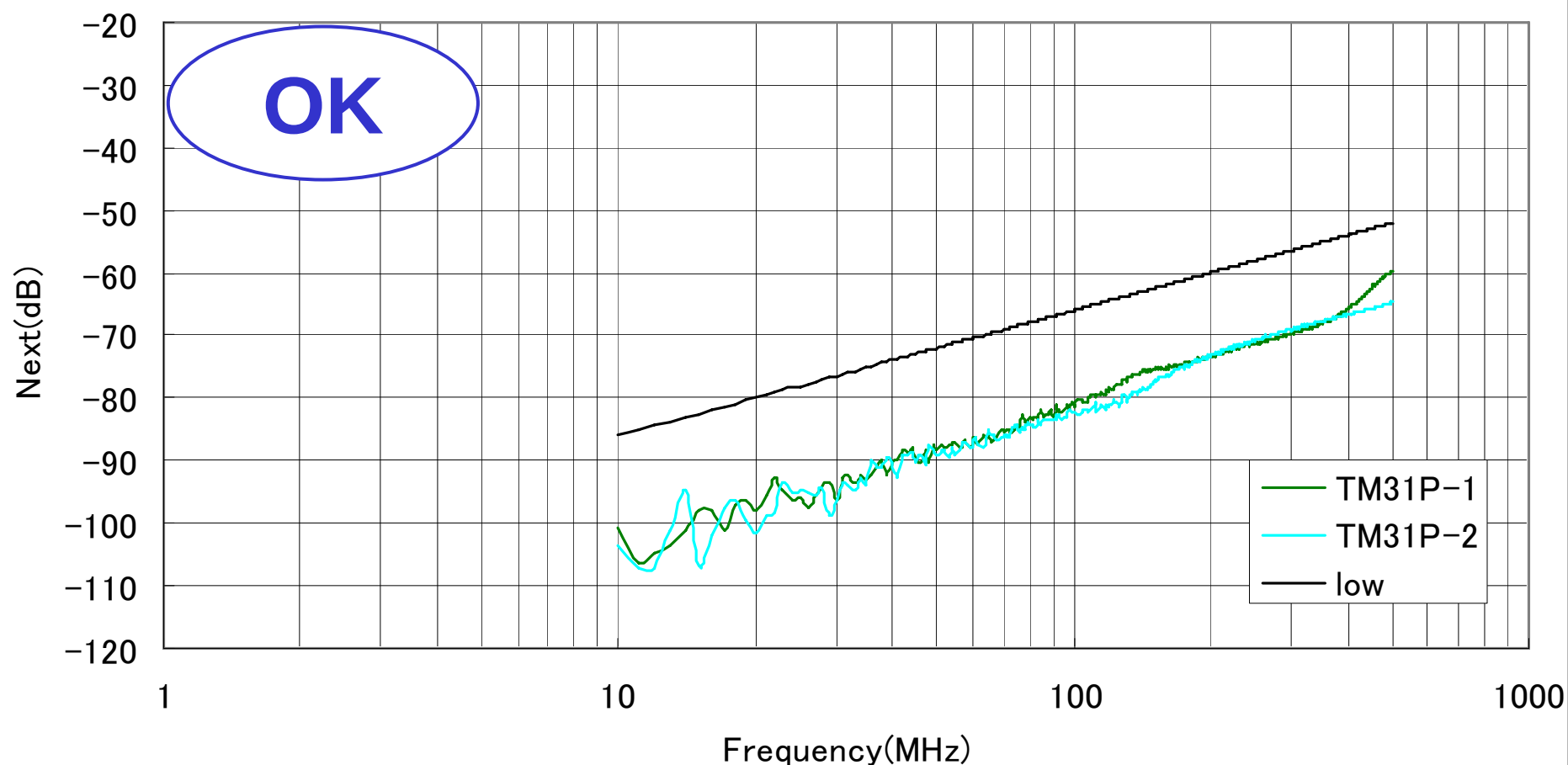


Plug : TM31P-TM-88P



NEXT12-78

Next12-78



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Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com