

PCN – Process Change Notification

Change:	SGGP.18.4.A.02
Date:	2017/10/05
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Affected Products

Model#	Part Number	Changes
GPS/GLONASS Dual-Band SMD Mount Patch Antenna 18*18*4mm-TrakM8	SGGP.18.4.A.02	<p>We changes powder, so alternative powder cannot 100% same as the previous material, therefore color and deployment ratio of silver ink needs to be re-evaluated:</p> <p>a). Appearance color difference :</p> <p>Old SGGP.18.4.A.02 - Dark brown. New SGGP.18.4.A.02 - Light brown.</p> <p>b). Dielectric coefficient is different :</p> <p>So the silver surface area will be adjusted.</p>

Type of Change

- Hardware Modification
 Production Process Advance
 Others –Amend GSP patch

Description of Change

Vendor notice from January 2017 onwards does no longer provide the original material powder(013A616400204B), therefore Taoglas finds alternative material supplier. With the new supplier selection, alternative powder supplier cannot provide 100% same material, therefore color and deployment ratio of silver ink needs to be re-evaluated:

- a). Appearance color difference :
- Old SGGP.18.4.A.02 - Dark brown.(Similar color code: 8B4500)
New SGGP.18.4.A.02 - Light brown.(Similar color code: 8B5A2B)
- b). Dielectric coefficient is different :
- So the silver surface area will be adjusted.
Customers to be informed immediately once alternative solution is approved internally.

Schedule

2017, October, Taoglas will provide new patch into production.

Forecast Estimated Transition Date

October/2017

Illustration of Change

Old patch



- a). Appearance color difference :
Old SGGP.18.4.A.02 - Dark brown
- b). Dielectric coefficient is different :
So the silver surface area will be adjusted.

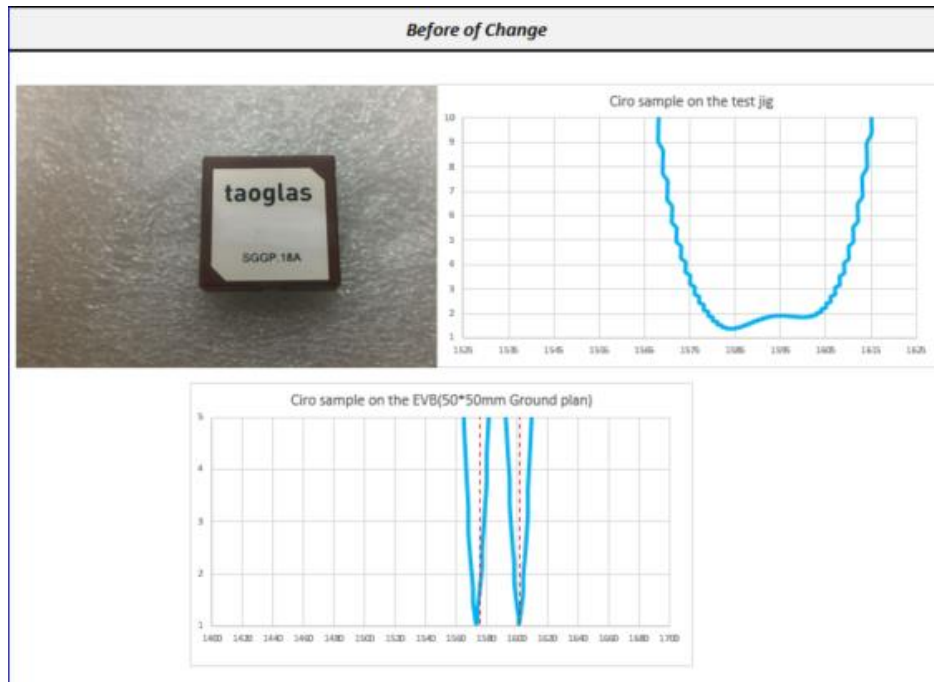
New patch



- a). Appearance color difference :
New SGGP.18.4.A.02 - Light brown.
- b). Dielectric coefficient is different :
So the silver surface area will be adjusted.

Performance Comparison,

Old patch



New Patch

