

Approval	check	charge
		

Application form
to
Technical standards conformity certification

T16-068-1021

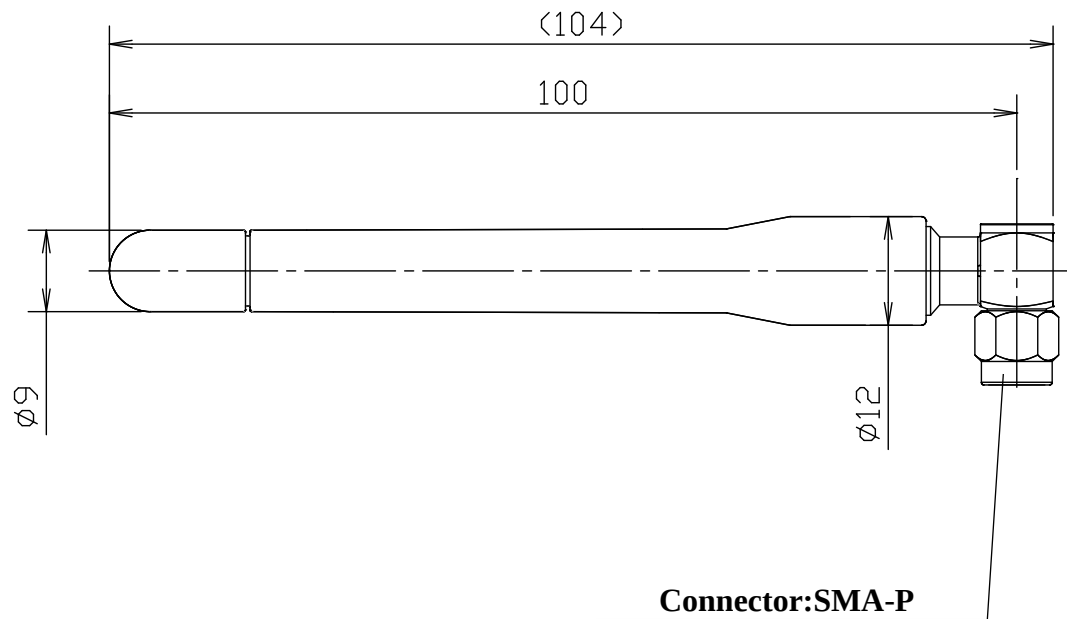
21 Feb. 2017

STAF corporation
electric design department

1. Specification

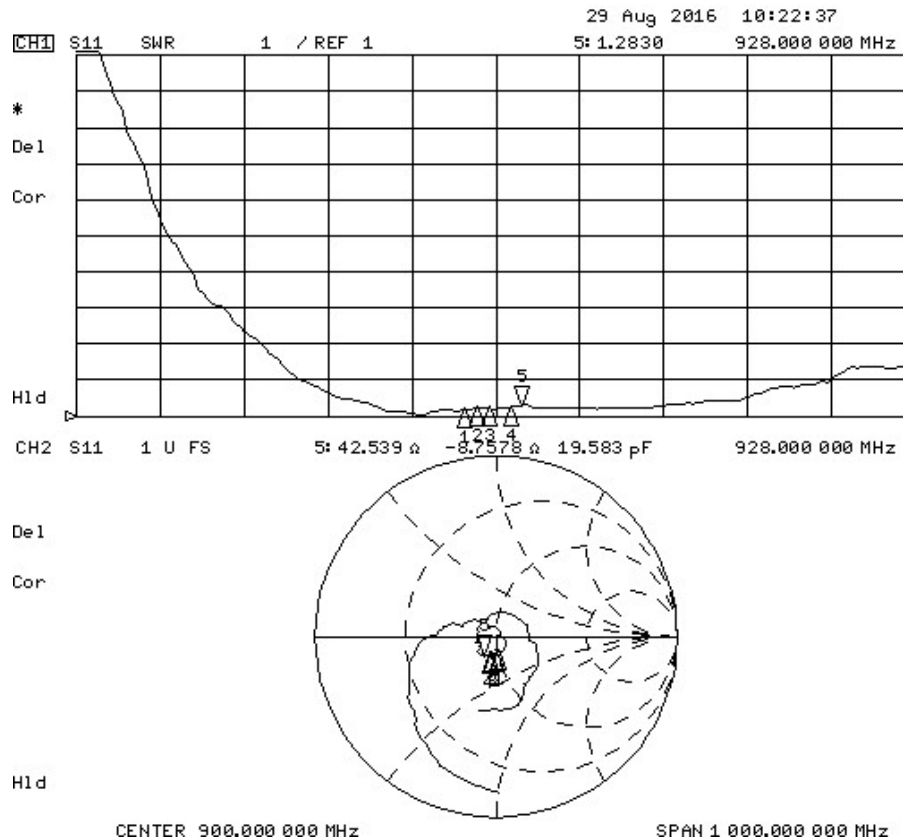
Item	Contents
Manufacturer	STAF corporation
Product name	Antenna
Application number	T16-068-1021
Frequency	860~928[MHz]
Antenna type	monopole antenna ($\lambda/4$)
Maximum absolute gain	3dBi or less
Impedance	50 Ω
Connector type	SMA-P

2. Outside dimension drawing



3. VSWR/impedance characteristics

* GND size: 80 × 40 (t=1)



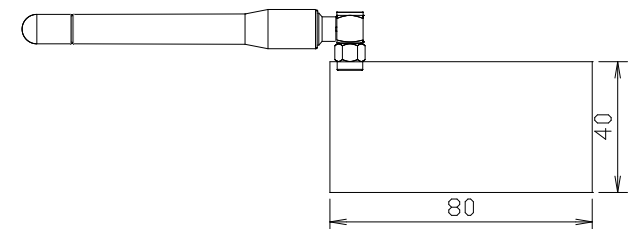
CH1 Markers

1: 1.1813
860.000 MHz
2: 1.2086
875.000 MHz
3: 1.2071
890.000 MHz
4: 1.2597
916.000 MHz

Frequency: [MHz]	VSWR
860	1.18
875	1.21
890	1.21
916	1.26
928	1.28

CH2 Markers

1: 49.977 Ω
-8.3379 Ω
860.000 MHz
2: 48.186 Ω
-9.1367 Ω
875.000 MHz
3: 46.285 Ω
-8.2734 Ω
890.000 MHz
4: 44.658 Ω
-9.5430 Ω
916.000 MHz



4. Gain - Radiation pattern characteristics

■ Horizontal polarized wave

■ Vertical polarized wave

MRG = Maximum radiation gain

PAG = Pattern average gain

