

Approval	check	charge
		

Application form
to
Technical standards conformity certification

T13-047-1040

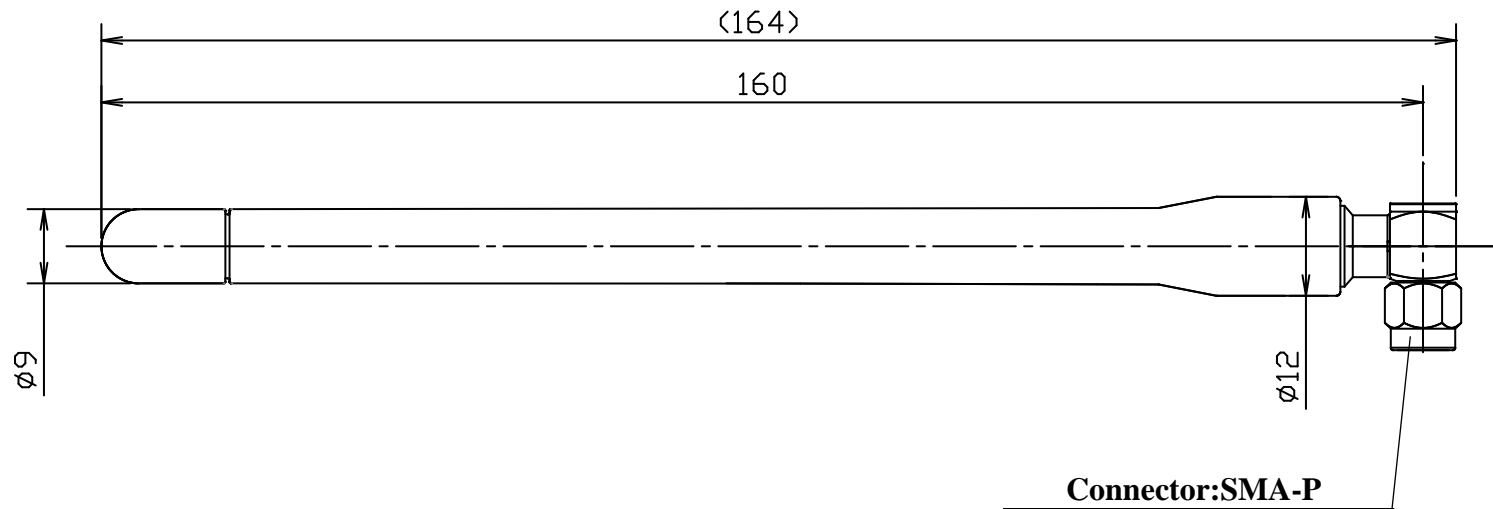
21 Feb. 2017

STAF corporation
electric design department

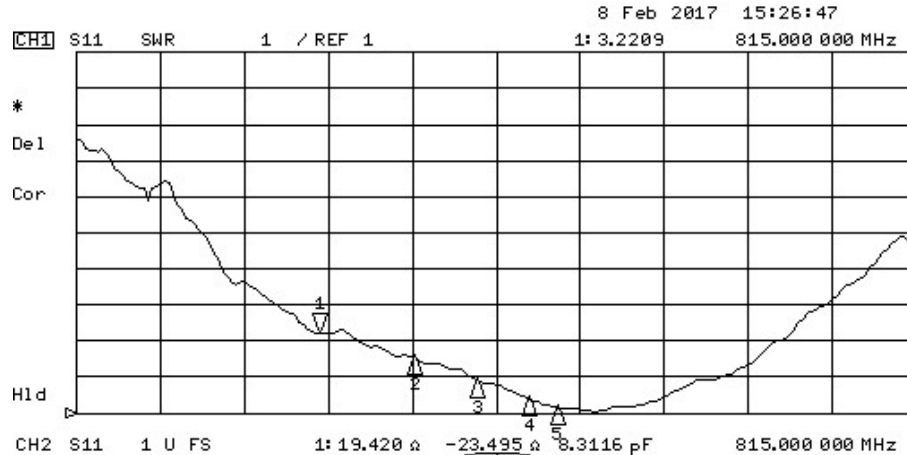
1. Specification

Item	Contents
Manufacturer	STAF corporation
Product name	Antenna
Application number	T13-047-1040
Frequency	860~928[MHz]
Antenna type	monopole antenna ($\lambda/2$)
Maximum absolute gain	3dBi or less
Impedance	50 Ω
Connector type	SMA-P

2. Outside dimension drawing



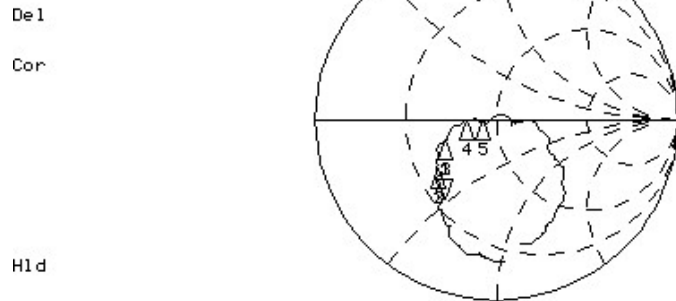
3. VSWR/impedance characteristics



CH1 Markers

- 2: 2.5442
860.000 MHz
- 3: 1.9201
890.000 MHz
- 4: 1.4281
915.000 MHz
- 5: 1.1769
928.000 MHz

Frequency : [MHz]	VSWR
860	2.54
890	1.92
915	1.43
928	1.18



CH2 Markers

- 2: 21.916 Ω
-15.443 Ω
860.000 MHz
- 3: 26.766 Ω
-7.1016 Ω
890.000 MHz
- 4: 35.031 Ω
-712.89 mΩ
915.000 MHz
- 5: 42.533 Ω
-880.36 mΩ
928.000 MHz

START 700.000 000 MHz

STOP 1 100.000 000 MHz

4. Gain - Radiation pattern characteristics

█ Horizontal polarized wave

█ Vertical polarized wave

MRG = Maximum radiation gain

PAG = Pattern average gain

