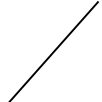


承認	検認	作成
		

技適申請用資料

Application form to Technical standards
conformity certification

T18-018-1098

2018/06/27

STAF株式会社

電気設計部

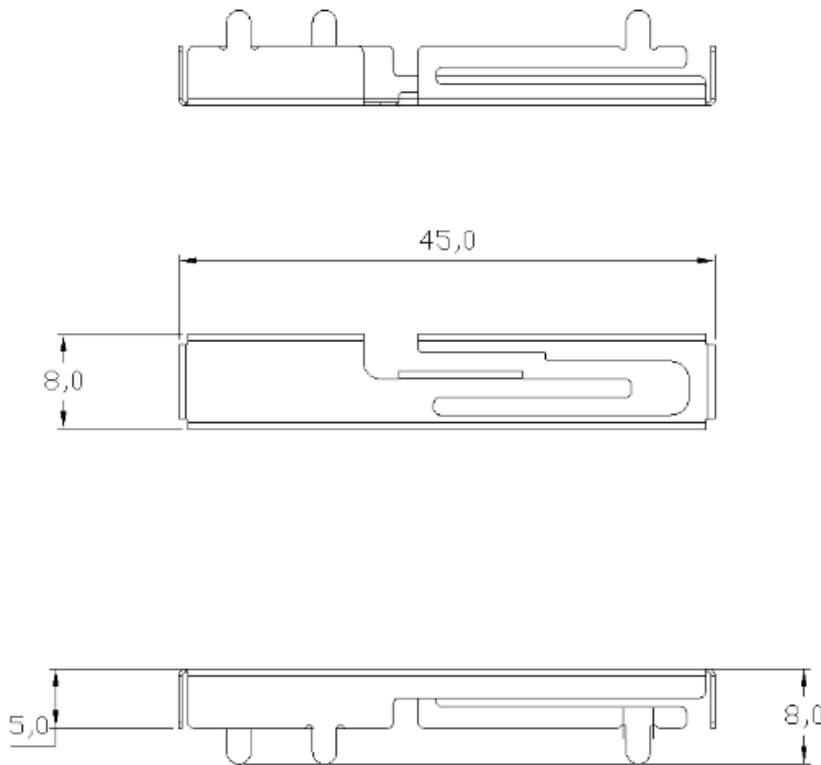
1. 仕様

Specification

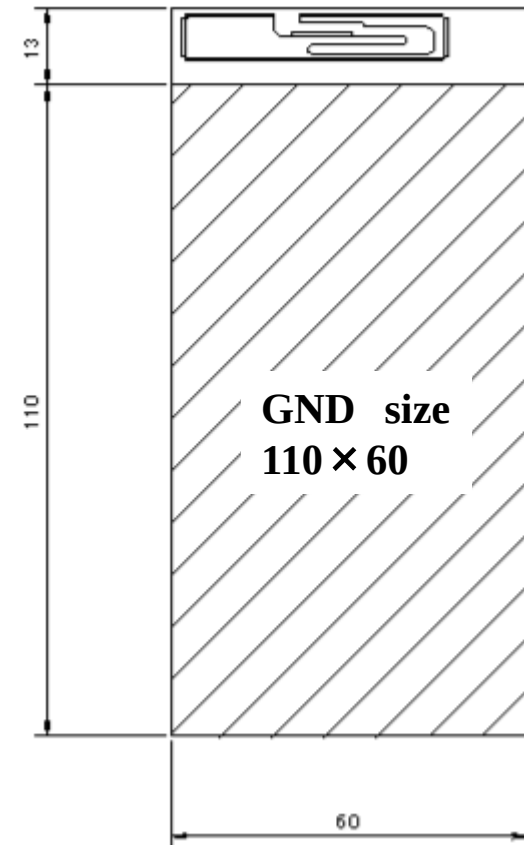
項目	記載内容
メーカー名 Manufacturer	スタッフ株式会社 STAF corporation
品名（製品名称） Product name	アンテナ Antenna
技適申請番号 Application number	T18-018-1098
対応周波数 Frequency	814～960[MHz] / 1575.42～2170[MHz]
アンテナ型式 Antenna type	$\lambda/4$ モノポールアンテナ monopole antenna($\lambda/4$)
最大絶対利得（推奨基板取付時） Maximum absolute gain (Recommended board mounting)	3[dBi]以下 3[dBi] or less
インピーダンス（推奨基板取付時） Impedance (Recommended board mounting)	50 Ω

2. 外形図

Outside dimension drawing



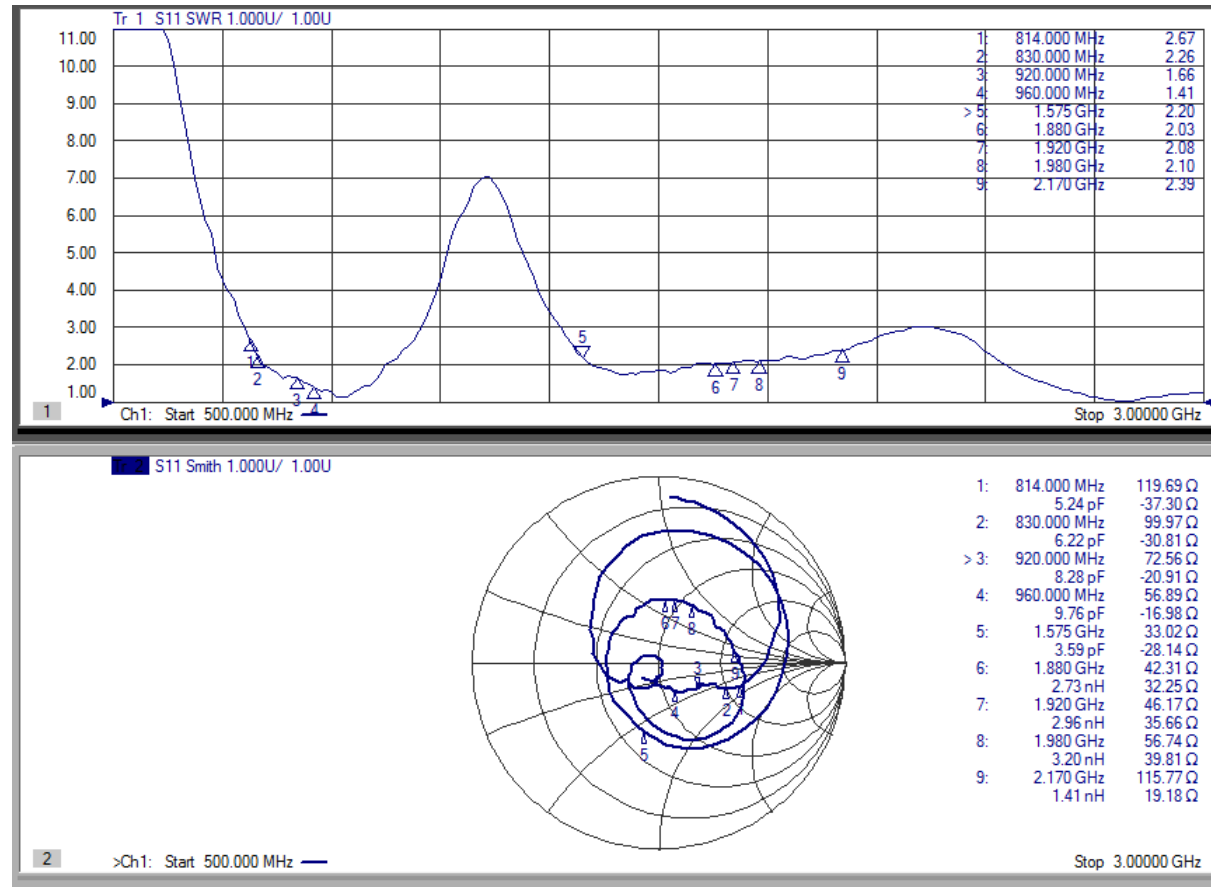
板厚 0.3
Thickness 0.3



推奨基板
Recommended board

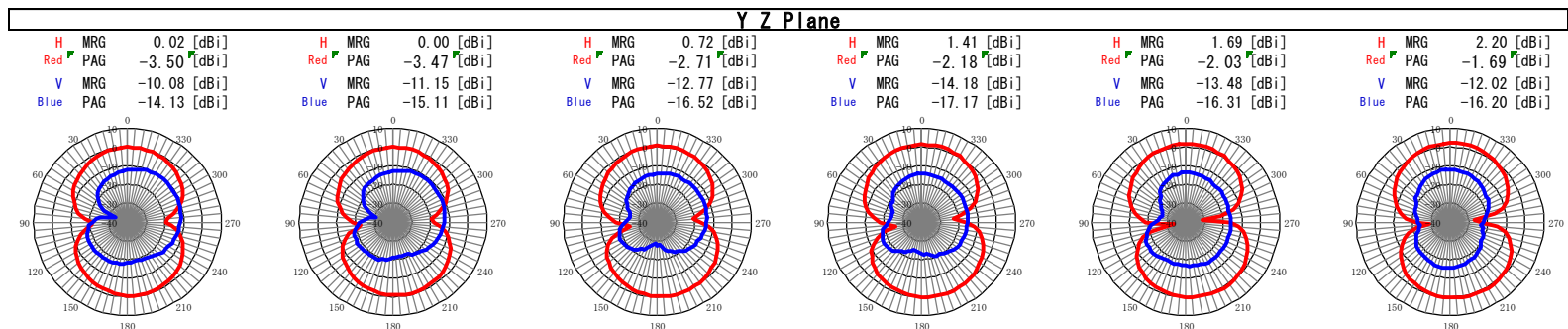
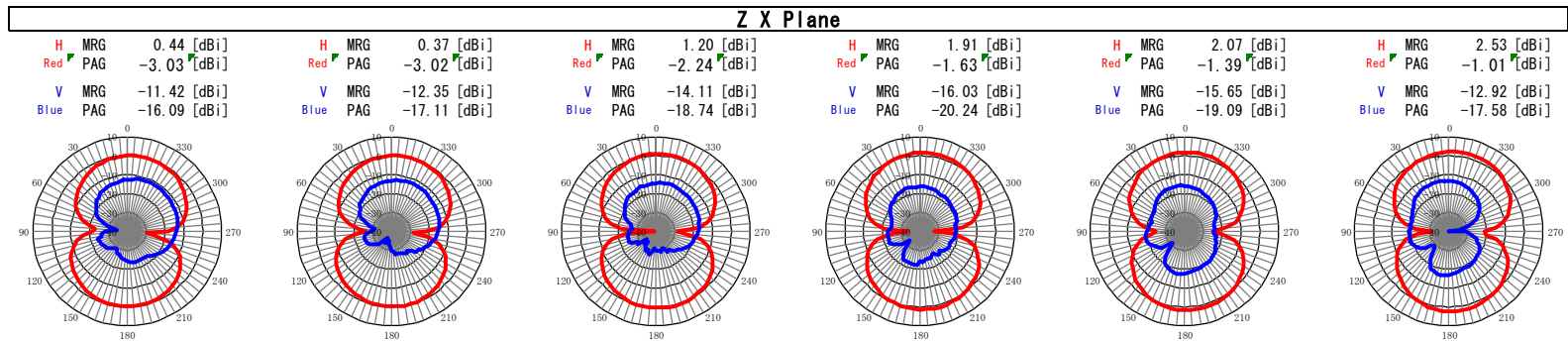
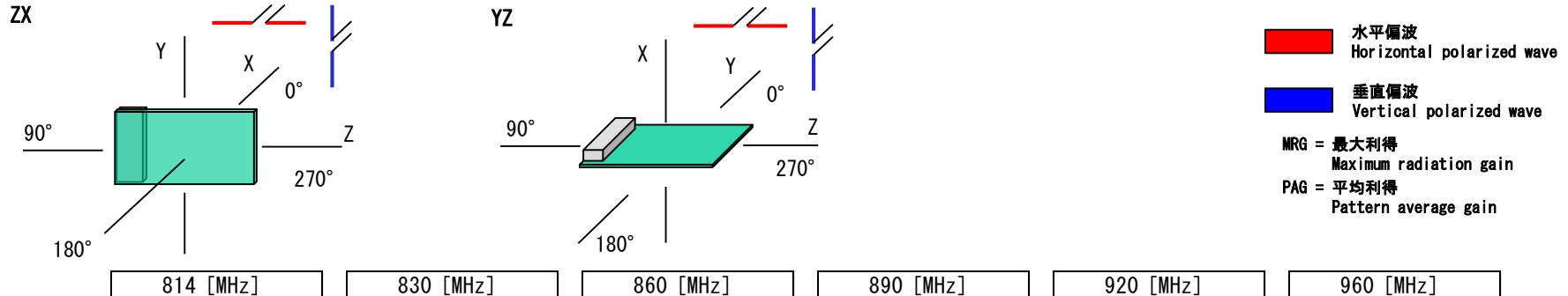
単位:mm
Unit:mm

3. VSWR/Impedance



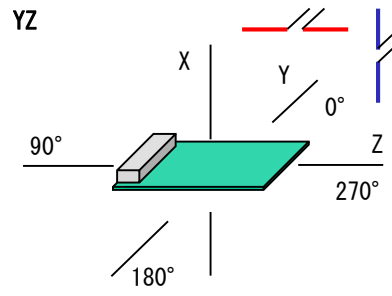
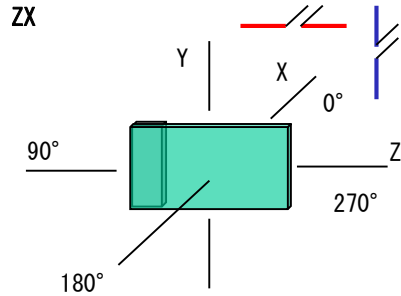
4. 利得・指向性特性 814~960 [MHz]

Gain・Radiation pattern characteristics 814~960 [MHz]



4. 利得・指向性特性 1575.42~2170 [MHz]

Gain・Radiation pattern characteristics 1575.42~2170 [MHz]



■ 水平偏波
Horizontal polarized wave

■ 垂直偏波
Vertical polarized wave

MRG = 最大利得
Maximum radiation gain

PAG = 平均利得
Pattern average gain

1575.42 [MHz]

1602 [MHz]

1710 [MHz]

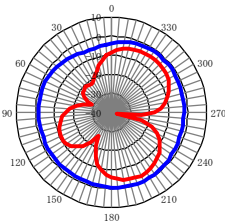
1920 [MHz]

1980 [MHz]

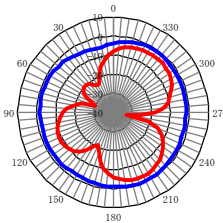
2170 [MHz]

Z X Plane

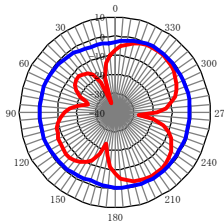
H MRG -3.40 [dBi]
Red PAG -8.50 [dBi]
V MRG -0.20 [dBi]
Blue PAG -1.73 [dBi]



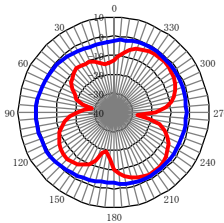
H MRG -2.72 [dBi]
Red PAG -7.83 [dBi]
V MRG -0.22 [dBi]
Blue PAG -1.69 [dBi]



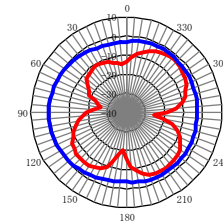
H MRG -0.67 [dBi]
Red PAG -5.91 [dBi]
V MRG 0.05 [dBi]
Blue PAG -0.91 [dBi]



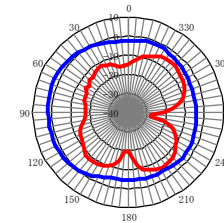
H MRG -2.14 [dBi]
Red PAG -7.01 [dBi]
V MRG 1.05 [dBi]
Blue PAG -1.18 [dBi]



H MRG -2.79 [dBi]
Red PAG -7.90 [dBi]
V MRG 0.77 [dBi]
Blue PAG -1.63 [dBi]

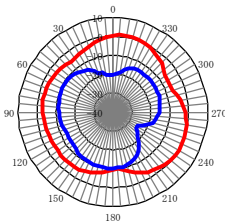


H MRG -5.34 [dBi]
Red PAG -10.15 [dBi]
V MRG 2.45 [dBi]
Blue PAG -0.99 [dBi]

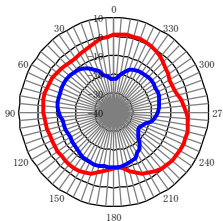


Y Z Plane

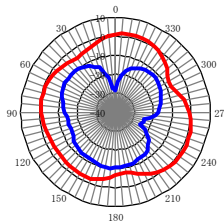
H MRG 0.88 [dBi]
Red PAG -2.72 [dBi]
V MRG -10.28 [dBi]
Blue PAG -13.20 [dBi]



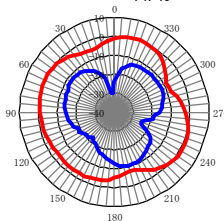
H MRG 1.23 [dBi]
Red PAG -2.36 [dBi]
V MRG -9.48 [dBi]
Blue PAG -13.15 [dBi]



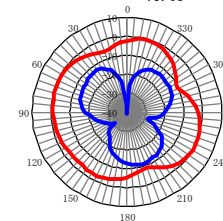
H MRG 1.88 [dBi]
Red PAG -1.46 [dBi]
V MRG -9.26 [dBi]
Blue PAG -12.99 [dBi]



H MRG 1.08 [dBi]
Red PAG -1.87 [dBi]
V MRG -10.33 [dBi]
Blue PAG -14.45 [dBi]



H MRG 0.17 [dBi]
Red PAG -2.58 [dBi]
V MRG -11.12 [dBi]
Blue PAG -15.68 [dBi]



H MRG 1.08 [dBi]
Red PAG -2.59 [dBi]
V MRG -11.18 [dBi]
Blue PAG -15.24 [dBi]

