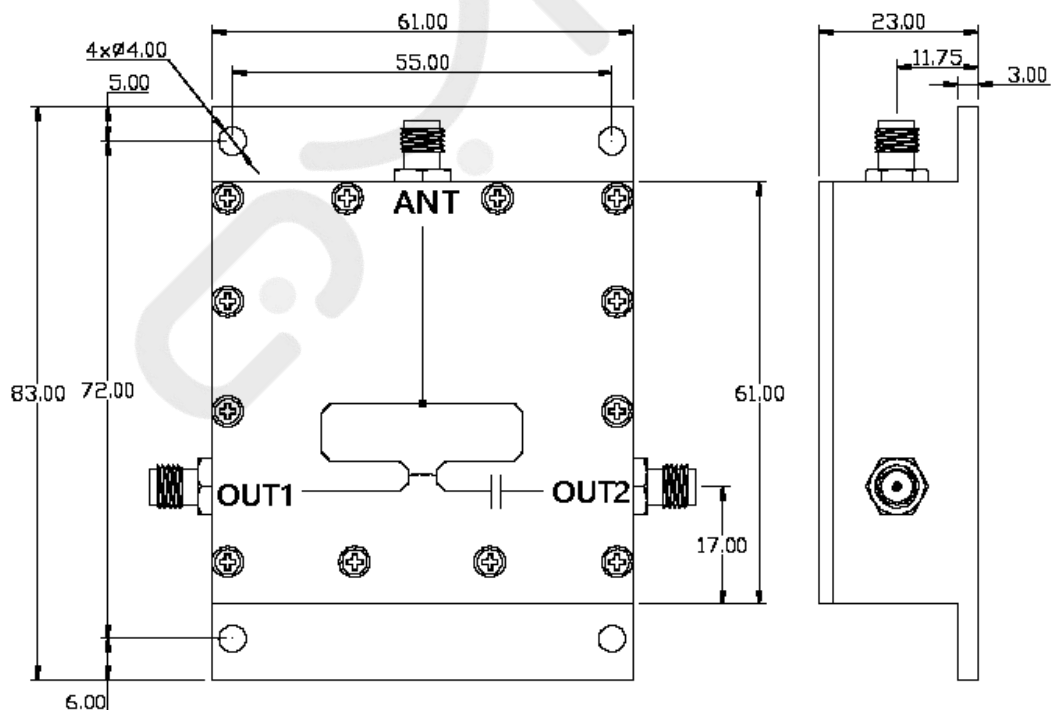


QY-PS2-GPS/P-SFI

【一、产品参数Parameters/规格指标Specifications】

频率范围 Frequency Range	1.1~1.7GHz Typ.(0.7~2.2GHz Max.)
插入损耗 Insertion Loss	≤3.6dB
合路端驻波 ANT port VSWR	≤1.35:1
分配端驻波 OUT port VSWR	≤1.30:1
幅度平衡 Amplitude Balance	≤0.5dB
相位平衡 Phase Balance	≤±5°
隔离度 Isolation	≥20dB
直流馈通电流 DC Through Current	600mA Max
直流馈通电压 DC Through Voltage	DC~28V (OUT1 in 输入,ANT out 输出,OUT2 DC blocked 隔直)
ANT 端口直流电压 ANT port DC Voltage	Equal to DC Through Voltage 等于直流馈通电压
连接形式 Connector type	SMA female 母头
表面处理 Surface Finishing	本导喷砂 Sandblasting natural color conductive oxide

【二、规格草图 Draft specifications】



注: 尺寸(mm/[英寸]), 一般公差(± 0.3)

Note: Dimensions (mm / [inch]), General tolerance (±0.3)

【三、测试曲线图Test curve】

Tr1 S11 SWR 100.0m/ Ref 1.000 [F2]

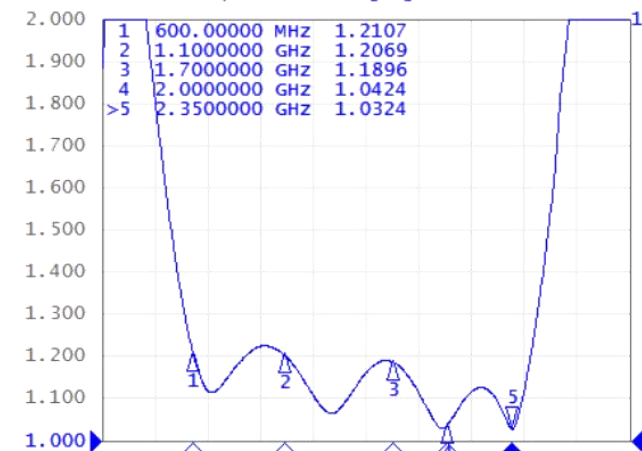


图1 ANT端驻波比 ANT port VSWR

Tr2 S21 Log Mag 1.000dB/ Ref -3.000dB [F2]

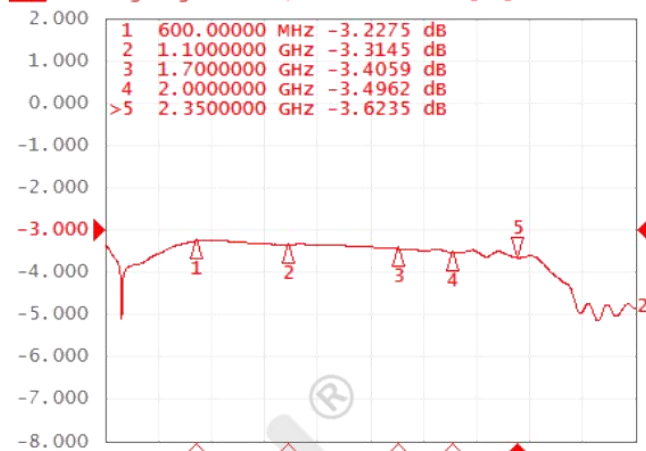


图2 插入损耗 Insertion Loss

Tr3 S12 Log Mag 10.00dB/ Ref 0.000dB [F2 Smo]

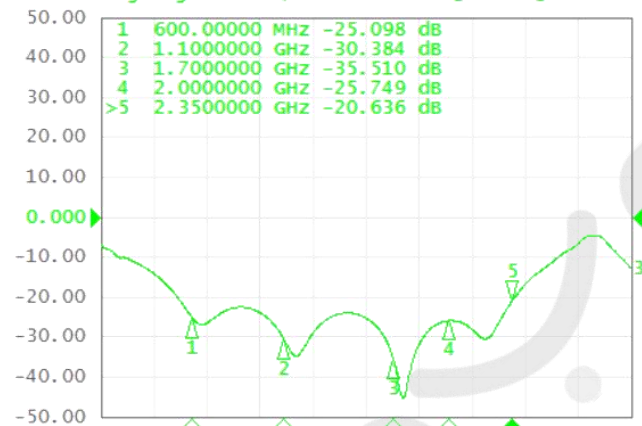


图3 隔离度 Isolation

Tr4 S22 SWR 100.0m/ Ref 1.000 [F2]

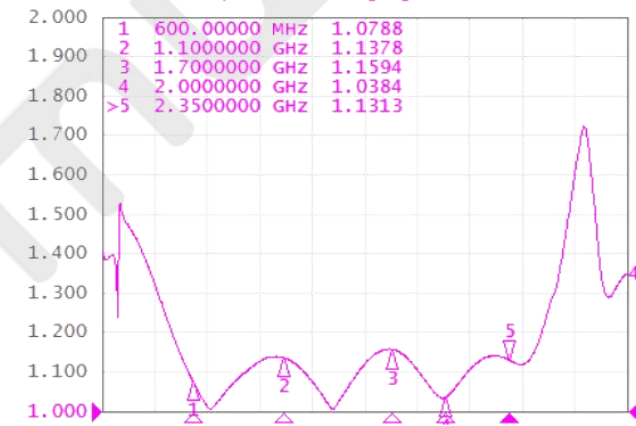


图4 OUT1/OUT2端驻波比 OUT1/OUT2 port VSWR

Tr2 S21 Log Mag 100.0m/ Ref 0.000dB [F2 D/M]

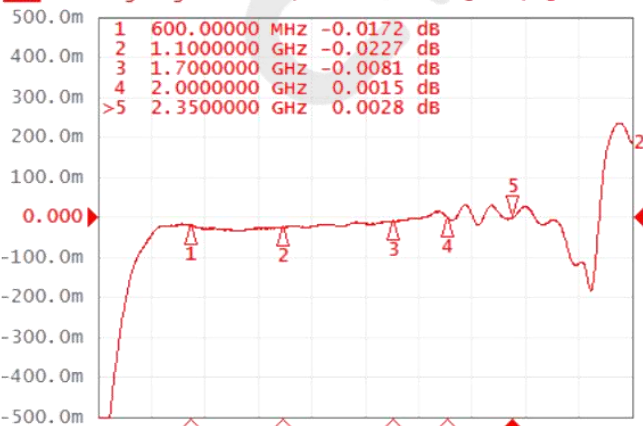


图5 幅度平衡 Amplitude Balance

Tr2 S21 Phase 1.000°/ Ref 0.000° [F2 D/M]

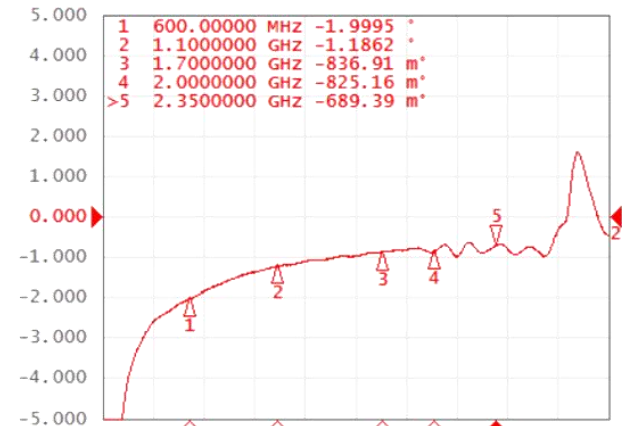


图6 相位平衡 Phase Balance