

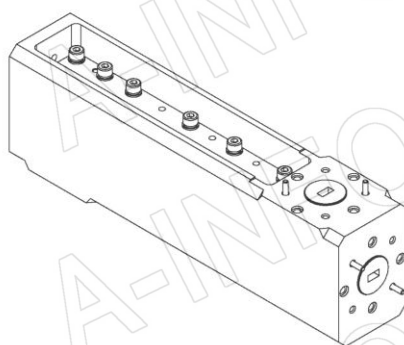
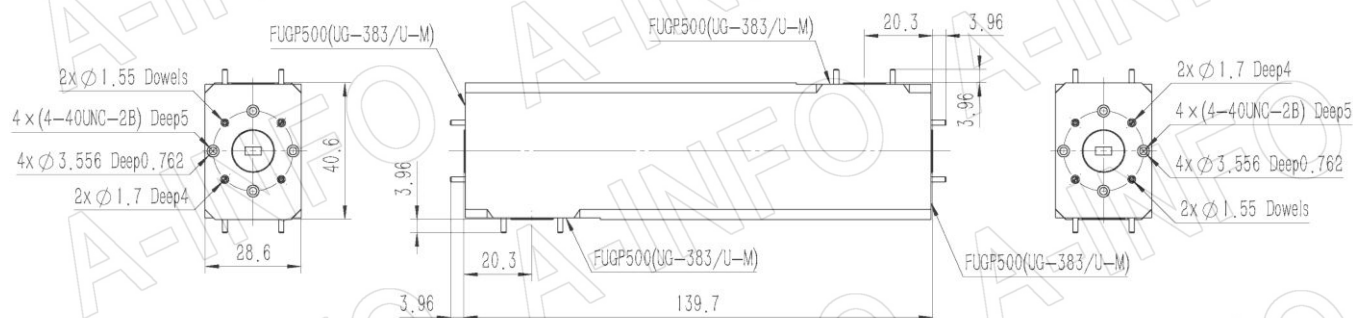
For reference only. See data sheet for the detailed specifications.

Technical Specification



EIA WR	WR19
Frequency Range(GHz)	40.0 – 60.0
Coupling(dB)	40
Coupling Accuracy(dB)	±1.3 Max.
Frequency Sensitivity(dB)	±0.9 Max.
Directivity(dB)	30 Min.
Insertion Loss(dB)	0.3 Max. (Not including the theoretical loss 8.69×10^{-4} dB)
Mainline VSWR	1.15:1 Max.
Secondline VSWR	1.20:1 Max.
Flange	FUGP500(UG-383/U-M)
Material	Cu
Size(mm)	139.7 x 28.6 x 40.6
Net Weight(Kg)	0.96 Around

Outline Drawing (Size: mm)



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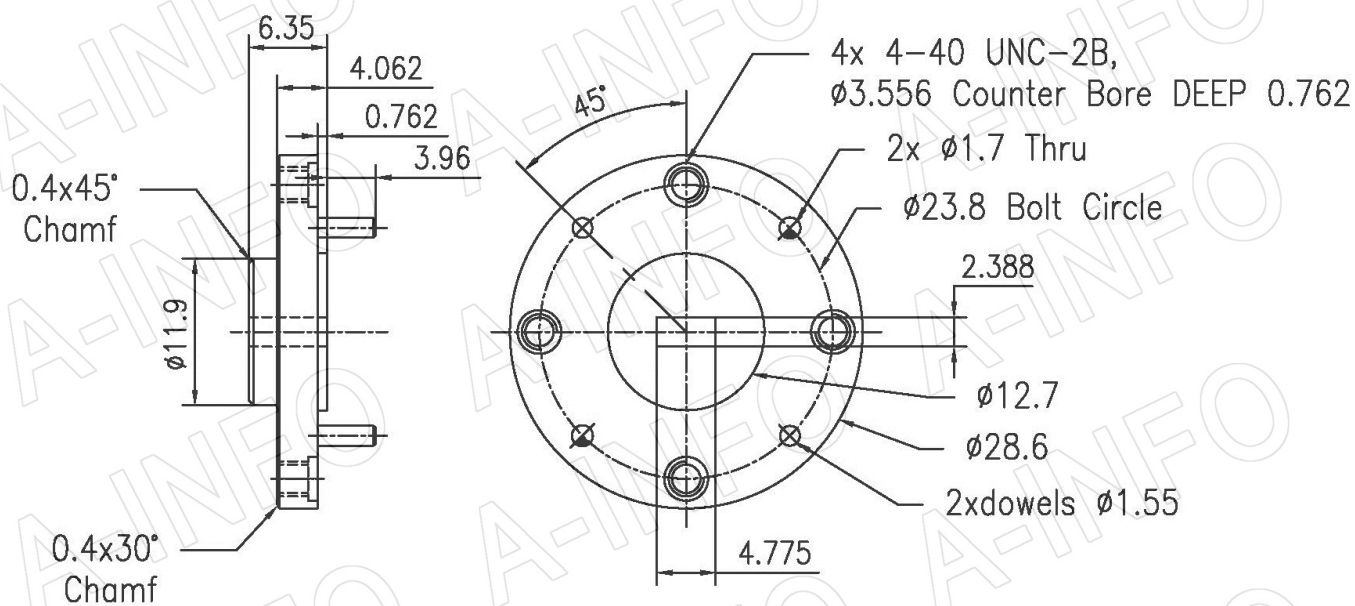
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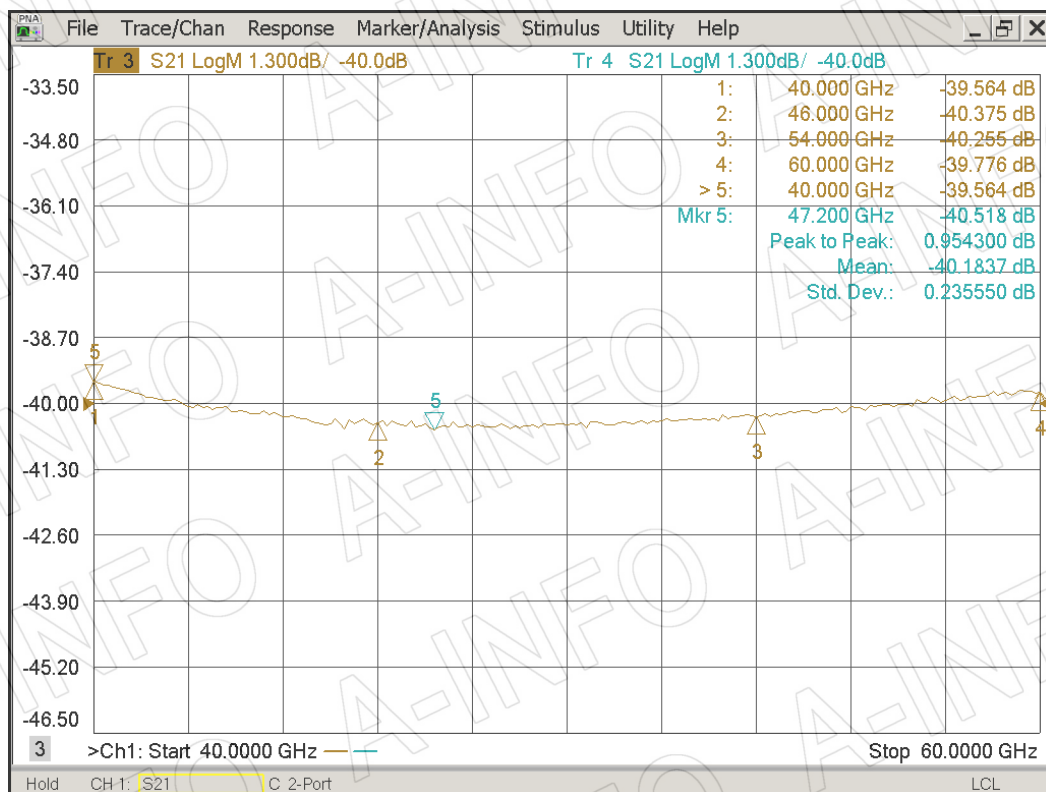
Flange Drawing (Size: mm)



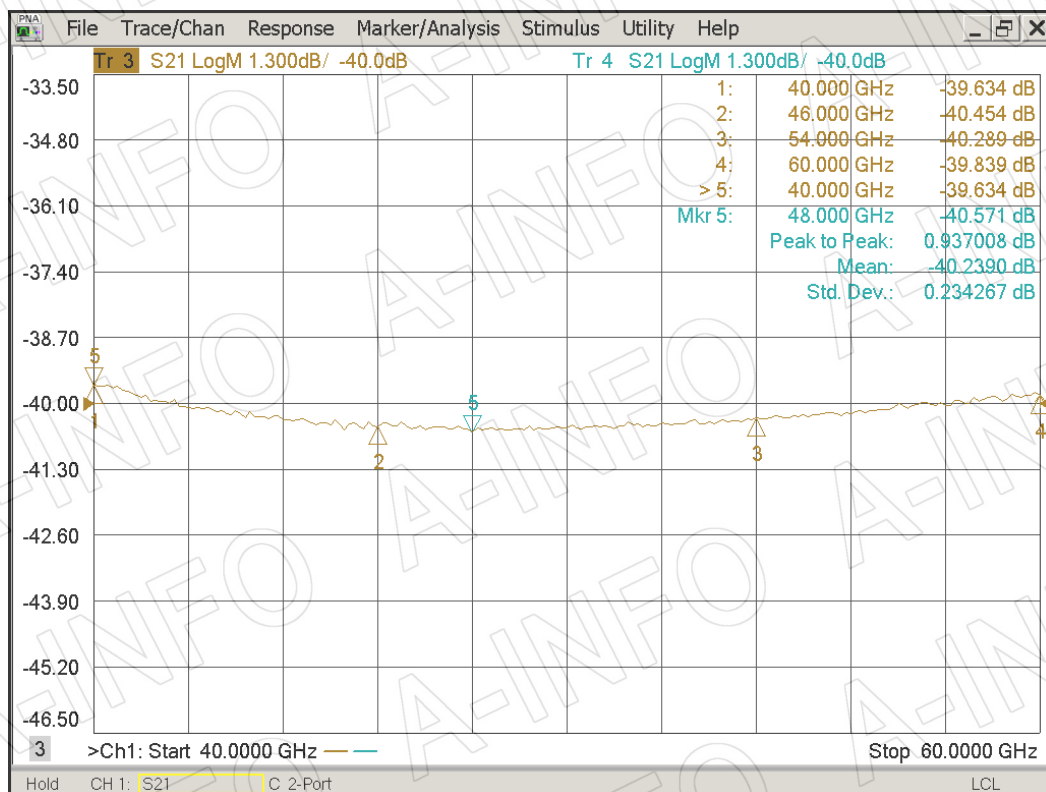
FUGP500
(equivalent to UG-383/U-M)

Test Results

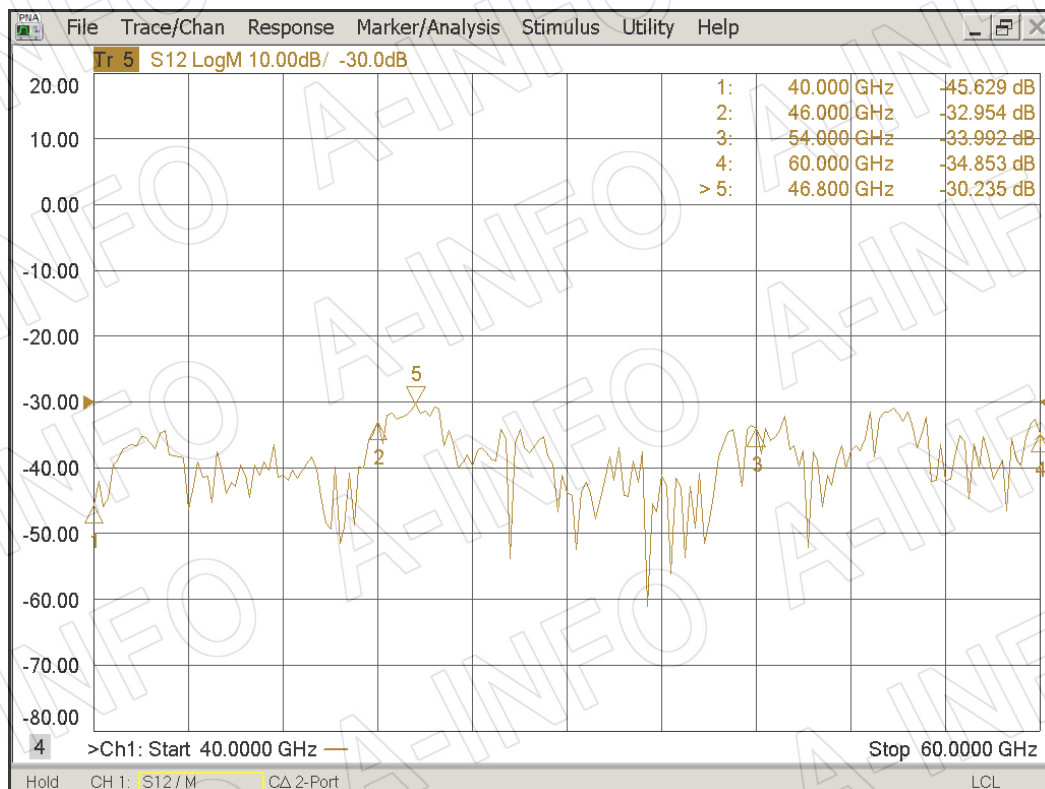
Coupling Port 1



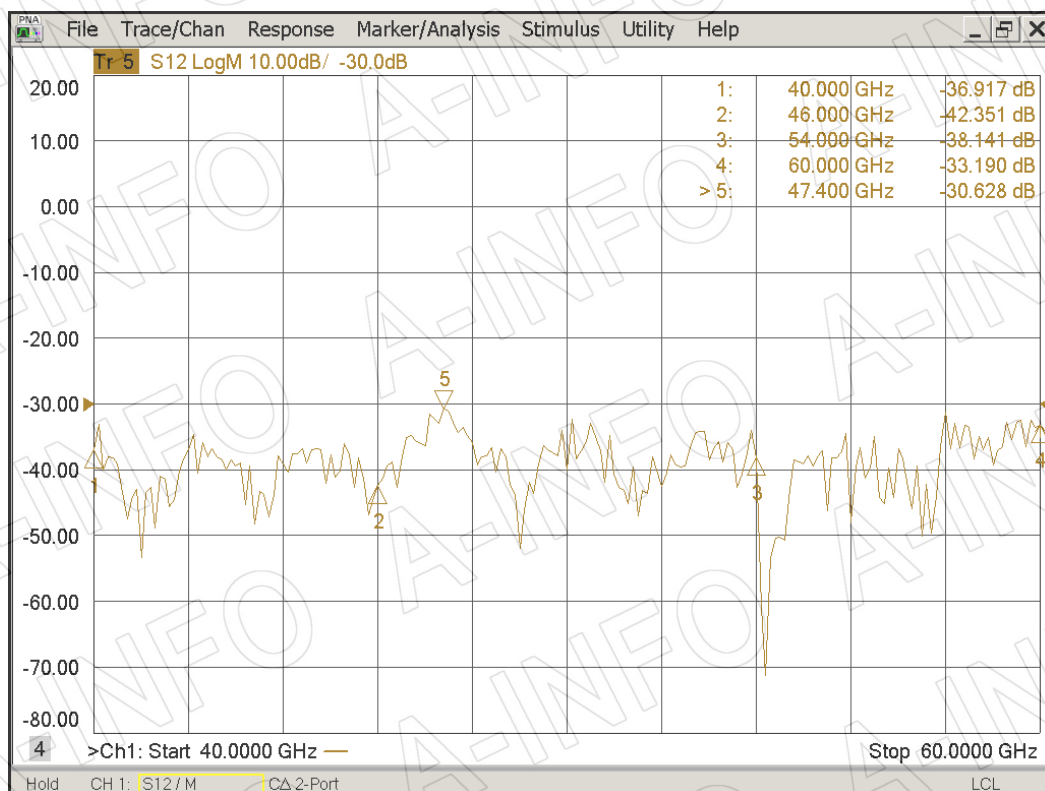
Port 2



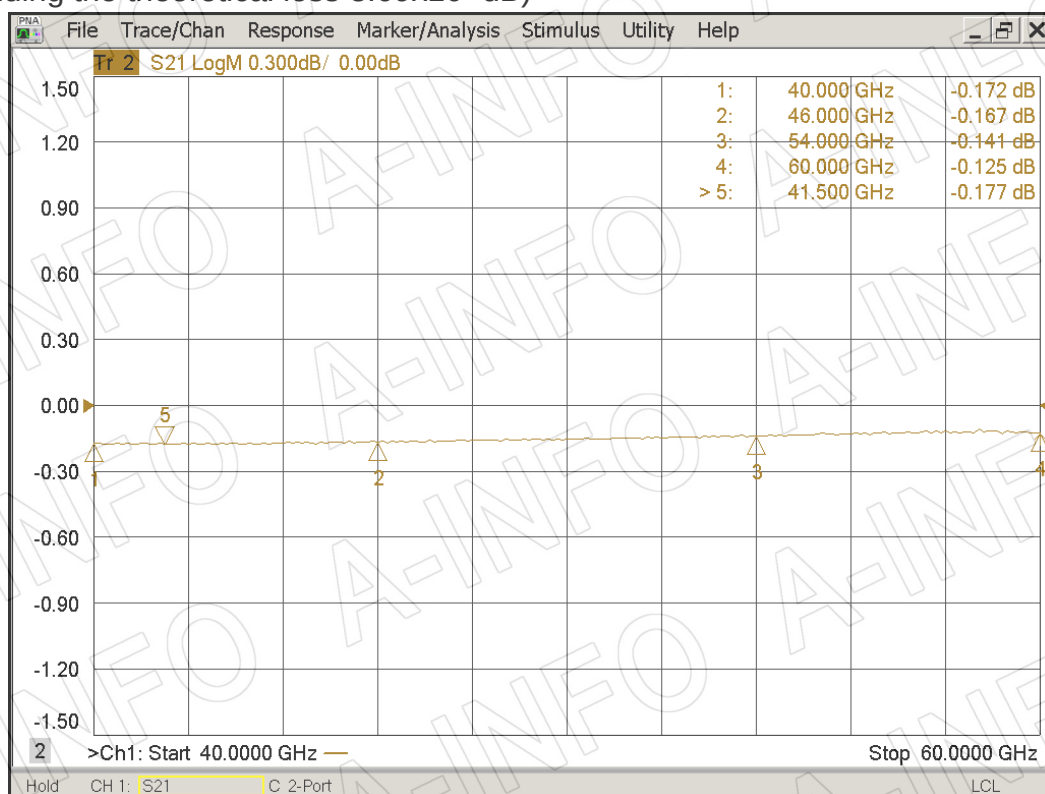
Directivity Port 1



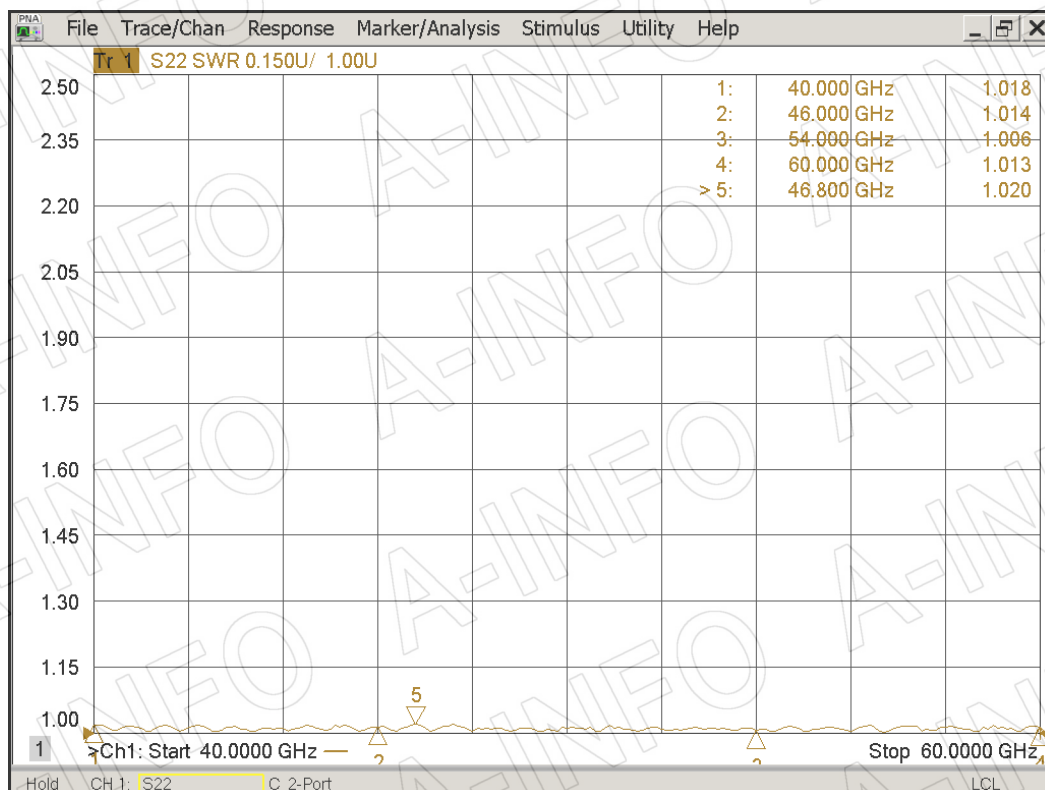
Port 2



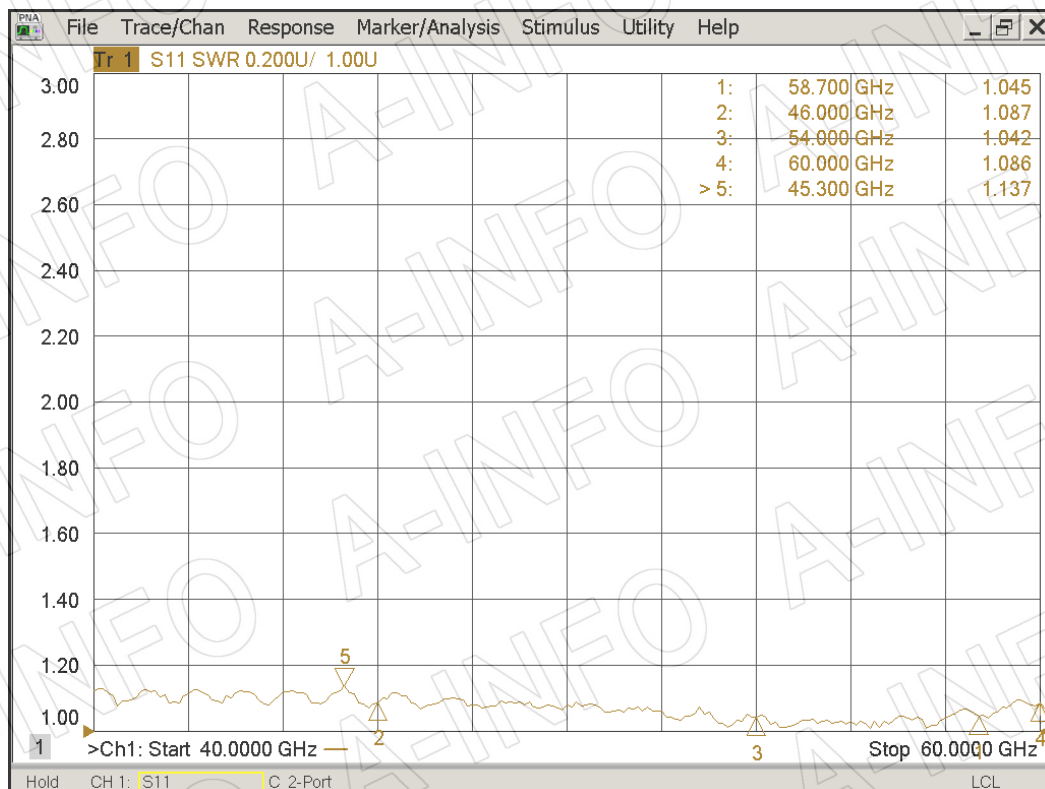
I.L. (Including the theoretical loss 8.69×10^{-4} dB)



Mainline VSWR



Secondline VSWR Port 1



Port 2

