



MSL1

\* Pb Free Part

Customer Name	<b>Standard Specification</b>	TAIYO YUDEN Mobile Technology Co.,Ltd.	
System	Band 32 (L-band) Rx	DATE	June. 25, 2014
Part Number	F6QA1G474H2JS	Version 1.0aA	<b>FINAL</b>

**Table 1. Electrical specification**

Passband: 1452 ~ 1496 MHz						
Item	Condition (MHz)	Specification			Unit	Remarks
		Min.	Typ.	Max.		
Insertion Loss	1452 ~ 1496	-	1.8	2.6	dB	(*1)
VSWR(Input)	1452 ~ 1496	-	1.8	2.2	-	
VSWR(Output)	1452 ~ 1496	-	1.8	2.2	-	
Absolute attenuation	814 ~ 915	45	47	-	dB	
	1226 ~ 1250	45	49	-	dB	
	1559 ~ 1980	45	54	-	dB	
	2400 ~ 2570	45	49	-	dB	
	2570 ~ 3500	30	41	-	dB	
	3500 ~ 4500	20	35	-	dB	
	4500 ~ 6000	20	38	-	dB	
Input Impedance		50			Ohm	Single-ended
Output Impedance		50			Ohm	Single-ended
Operating temp.		-30 to +85			°C	
Package size		1.1typ.x 0.9typ.x 0.5max.			mm	

(\*1) Specification of insertion loss excludes loss that comes from the test board.





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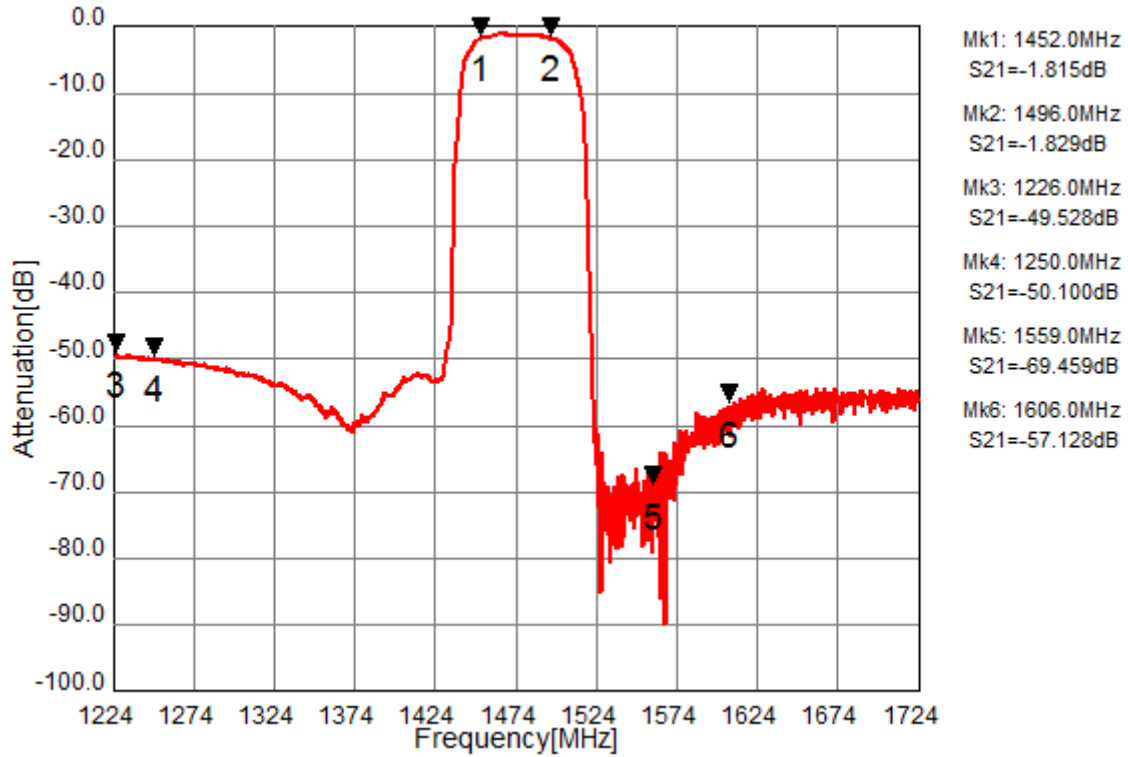


Fig.1 Pass-band Characteristics

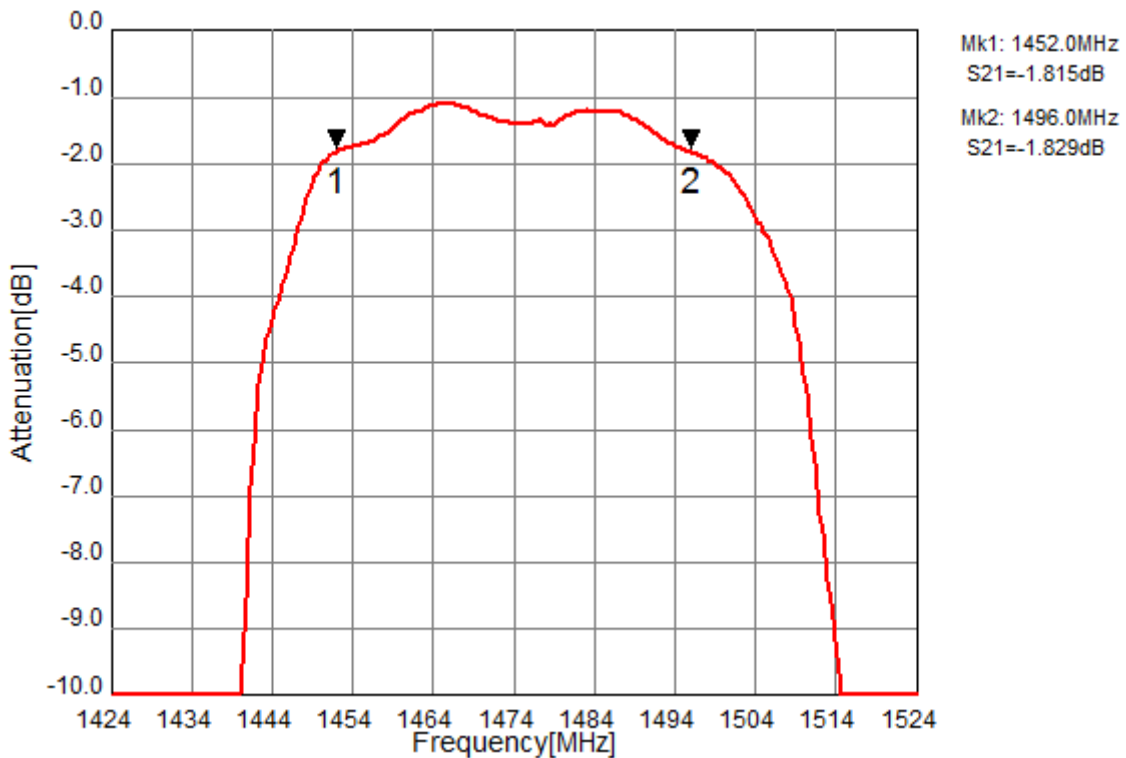


Fig.2 In-band Characteristics



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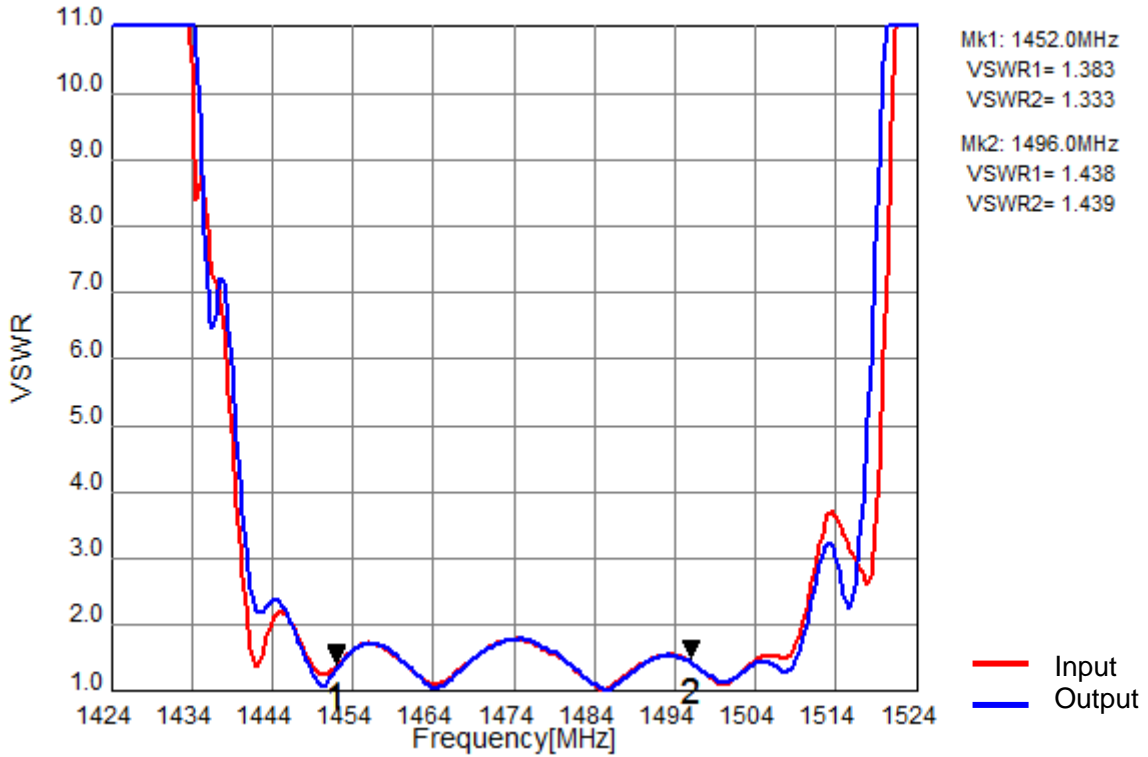


Fig.3 VSWR

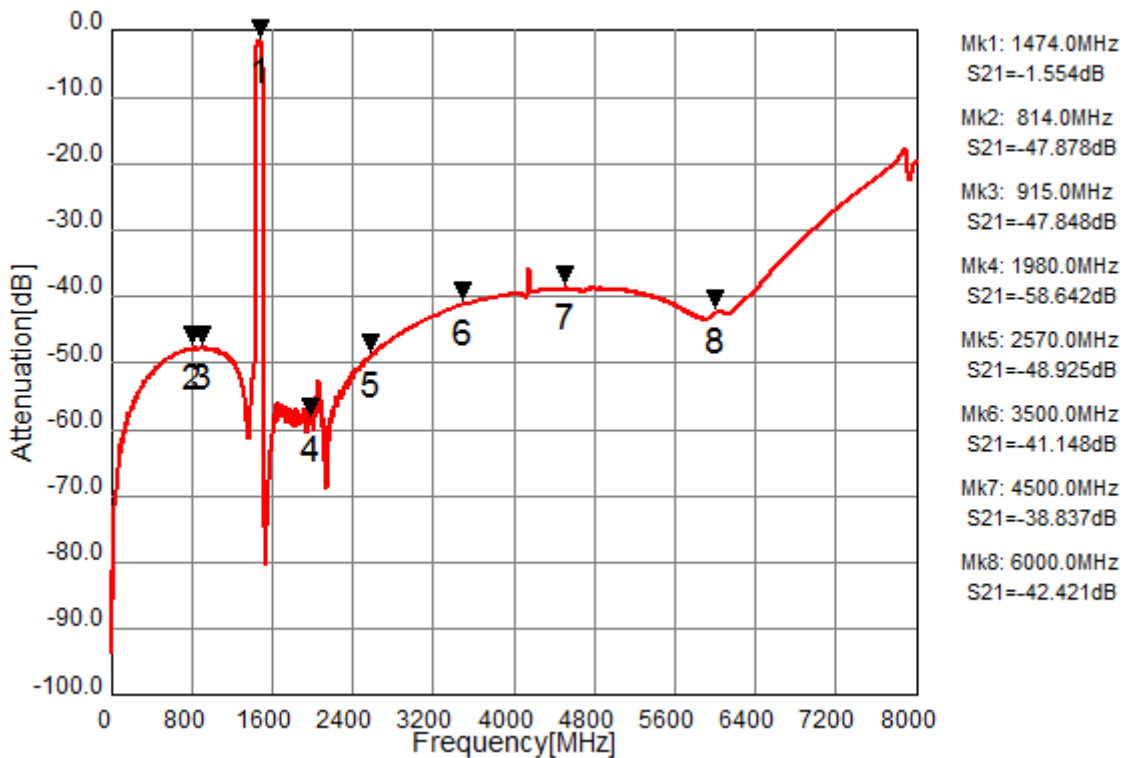


Fig.4 Wide-band Characteristics

**TAIYO YUDEN**



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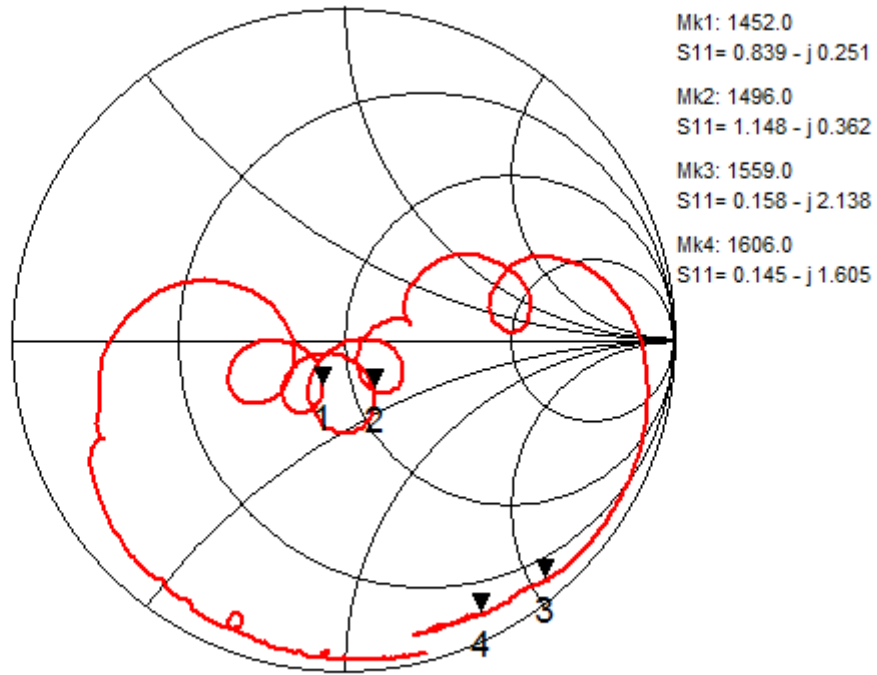


Fig.5 Input Impedance

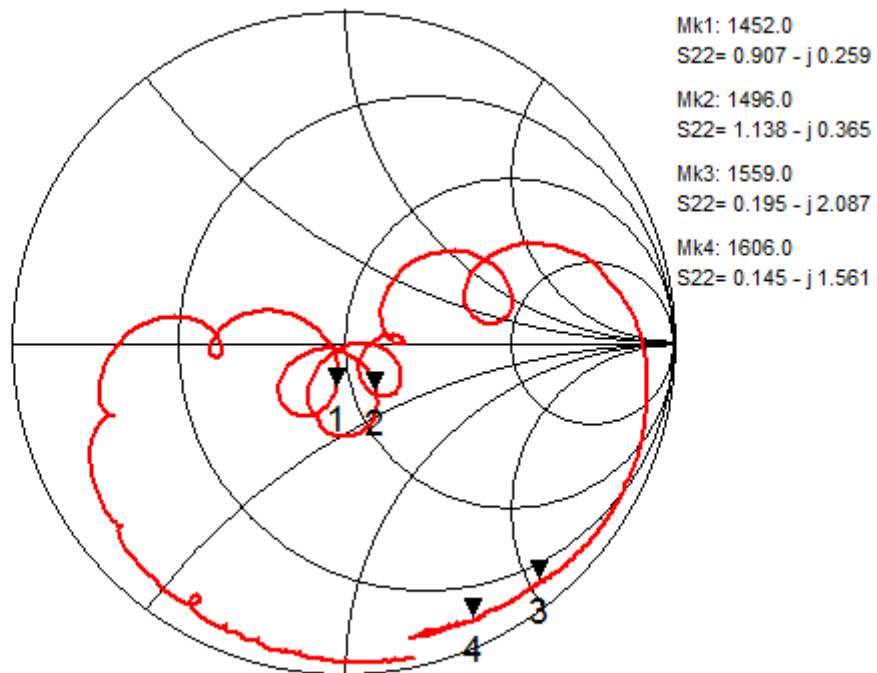


Fig.6 Output Impedance



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## Ordering Code

Ordering Code	Packing	Reel size	Status
F6QA1G474H2JS-J	Tape & Reel	5,000pcs.	MP
F6QA1G474H2JS-JA	Tape & Reel	less than 5,000 pcs.	MP
F6QA1G474H2JS-Y	Tape & Reel	15,000pcs	MP
F6QA1G474H2JS-YA	Tape & Reel	Less than 15,000pcs	MP
F6QA1G474H2JS-Q	Bulk	few pcs.	MP

\*Minimum order quantity (MOQ) is assigned for each inquiry, Please contact to Sales Representatives.

\* MP : Mass Production.

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Please conduct validation and verification of products in actual condition of mounting and operating environment before commercial shipment of the equipment.

This product is for general electronics equipment such as Audio-Visual equipment, household electronics, office supplies, information services and telecommunications; therefore, in case this product is used for any medical equipment, space equipment, nuclear equipment or disaster prevention equipment, please contact TAIYO YUDEN in advance.

In case this product is used for general electronics equipment or circuits which require high safety and high reliability, thoroughly evaluate on safety and add a protection circuit if necessary.

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