



F400

315/433MHz

Antenna

PN: SZ21488IA67

Key features:

- Antenna for 315MHz and 433MHz .
- High gain.
- Sustained High Efficiency and Performance.
- Impedance 50 Ohm.

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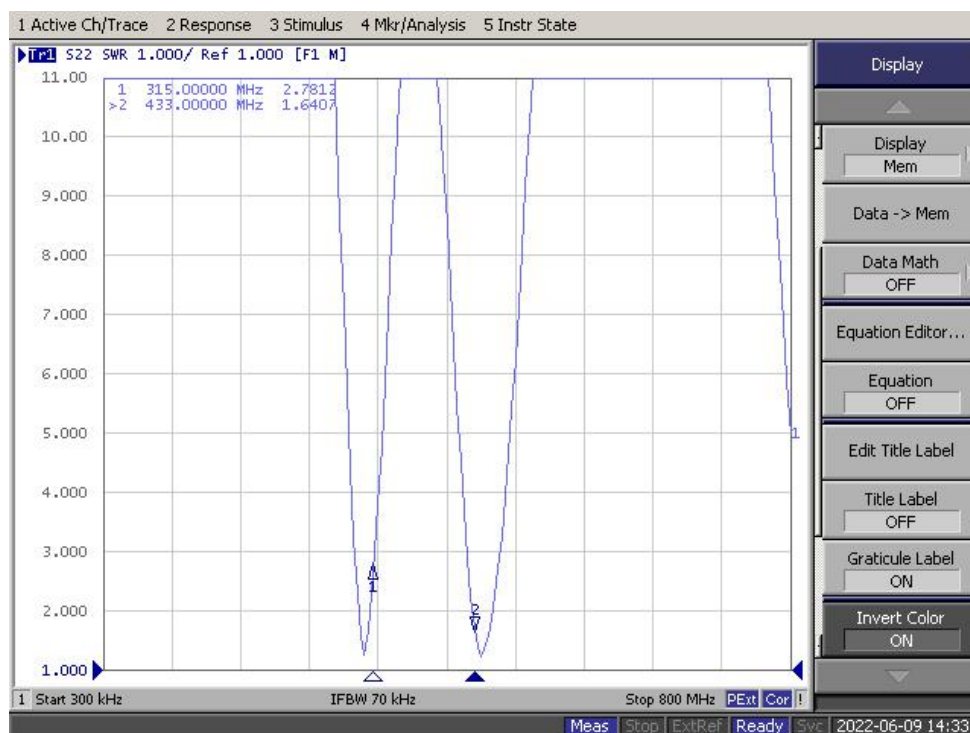
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1. Specifications

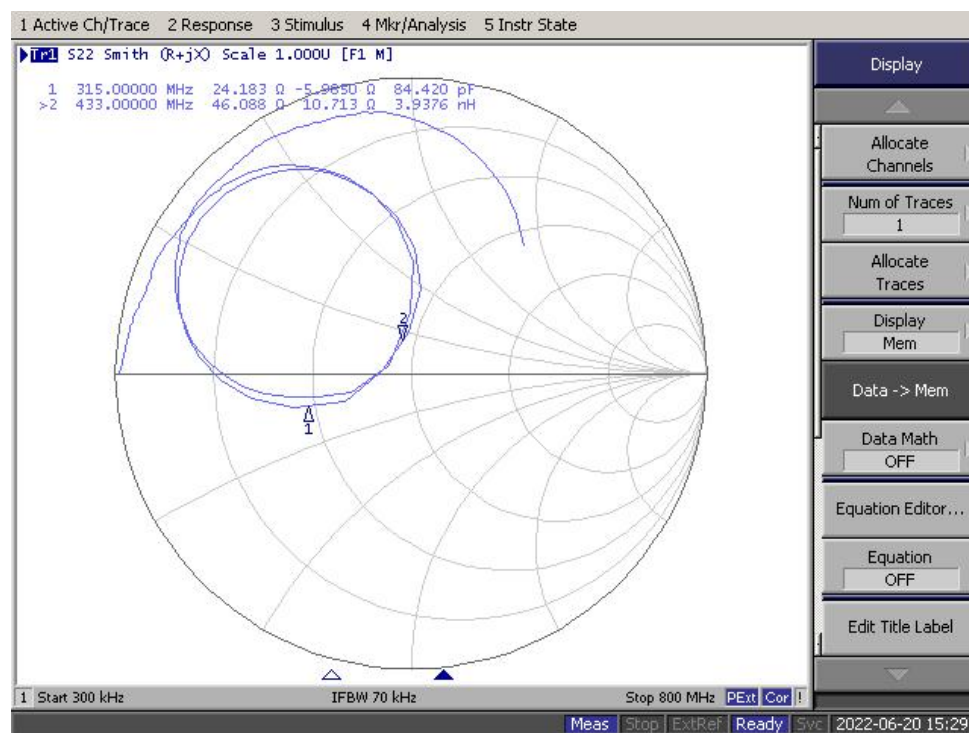
Item		Specifications	
Antenna	Frequency range (MHz)	315MHz	433MHz
	Max Gain (dBi)	-5.56	-4.48
	VSWR	2.7under	1.6under
	Efficiency (%)	16.24%	22.10%
	Output impedance (Ω)	24	46

2. S11

2.1 VSWR



2.2 Smith(R+JX)



3. Performance data

Passive test data

Freq (MHz)	Effi (%)	Gain (dBi)
300	15.28	-6.02
305	15.62	-5.89
310	16.41	-5.43
315	16.24	-5.56
320	16.61	-5.47
325	15.86	-5.8
330	15.75	-5.91
335	15.23	-5.99

Freq (MHz)	Effi (%)	Gain (dBi)
425	18.56	-5.12
426	18.47	-5.1
427	19.26	-5.02
428	19.57	-4.94
429	20.12	-4.89
430	21.21	-4.76
431	22.12	-4.63
432	22.45	-4.54
433	22.1	-4.58
434	21.36	-4.87
435	20.85	-4.89

4. Drawing (Unit: mm)

